

**SYDNEY, AUSTRALIA**  
**99 kWp**

# **Photon Energy N.V.**

## **ANNUAL REPORT 2015**



**Photon Energy NV**  
**Annual Report 2015**

Published on 26 April 2016

Available online at [www.photonenergy.com](http://www.photonenergy.com)

For questions contact our Investor Relations Department at [ir@photonenergy.com](mailto:ir@photonenergy.com)

# PHOTON ENERGY

## EXPERTS FOR THE SOLAR AGE.

Photon Energy offers worldwide solar power solutions and services for all who want to fully harvest free energy from the sun. Our solutions and services cover the entire lifecycle of photovoltaic power systems. We are active across the globe and have a proven track record of developing PV projects,

building and commissioning solar power plants. Our O&M division provides operations and maintenance services to hundreds of MWp of solar power plants worldwide. Photon Energy also manages its own proprietary portfolio of 26 MWp of power plants in three countries across two continents.

**50+ MWp**  
of PV plants installed



**27.0 MWh**  
produced in 2015



Own portfolio of  
**26 MWp**



Energy supplied for  
**10,000+ households**



O&M services supplied for  
**150+ MWp**



Active in  
**10 countries**



# SELECTED FINANCIAL INFORMATION

| in thousands                       | EUR           |               | PLN            |                |
|------------------------------------|---------------|---------------|----------------|----------------|
|                                    | 2015          | 2014          | 2015           | 2014           |
| Revenues                           | 13,321        | 11,760        | 55,718         | 49,195         |
| Gross profit                       | 10,134        | 10,364        | 42,388         | 43,355         |
| EBITDA                             | 6,145         | 3,496         | 25,705         | 14,624         |
| EBIT                               | 1,113         | -924          | 4,654          | -3,863         |
| Profit / loss before taxation      | -918          | -6,081        | -3,839         | -25,439        |
| Net profit                         | -1,720        | -5,034        | -7,195         | -21,059        |
| Other comprehensive income         | 965           | 6,500         | 4,036          | 27,191         |
| <b>Total comprehensive income</b>  | <b>-755</b>   | <b>1,466</b>  | <b>-3,159</b>  | <b>6,133</b>   |
| Fixed assets                       | 79,023        | 83,645        | 336,846        | 357,218        |
| Current assets                     | 10,930        | 9,897         | 46,591         | 42,265         |
| of which cash and cash equivalents | 5,297         | 4,631         | 22,581         | 19,778         |
| Total assets                       | 89,953        | 93,542        | 383,436        | 399,484        |
| <b>Total equity</b>                | <b>28,541</b> | <b>28,185</b> | <b>121,658</b> | <b>120,368</b> |
| Short-term liabilities             | 8,742         | 9,250         | 37,263         | 39,505         |
| Long-term liabilities              | 52,671        | 56,106        | 224,517        | 239,610        |
| Operating cash flow                | 3,621         | 1,742         | 15,146         | 7,287          |
| Investment cash flow               | 2,141         | 0             | 8,956          | 0              |
| Financial cash flow                | -5,094        | -1,793        | -21,309        | -7,501         |
| <b>Net change in cash</b>          | <b>668</b>    | <b>-51</b>    | <b>2,794</b>   | <b>-214</b>    |
| EUR exchange rate – low            | -             | -             | 3.968          | 4.099          |
| EUR exchange rate – average        | -             | -             | 4.183          | 4.183          |
| EUR exchange rate – end of period  | -             | -             | 4.263          | 4.271          |
| EUR exchange rate – high           | -             | -             | 4.366          | 4.310          |

## Note:

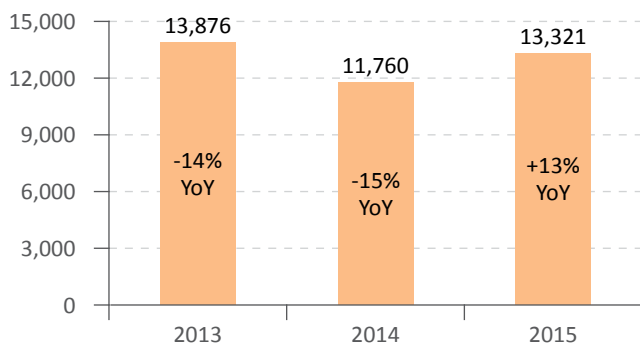
All financial figures throughout this report are provided in Euro (EUR). Figures stated in other currency such as Polish Zloty (PLN) are provided for information purpose only.

Figures provided in PLN were translated in accordance with IAS 21 as follows: Statement of Comprehensive Income – at the average exchange rate for given period; Statement of Financial Position – at the closing exchange rate for given period.

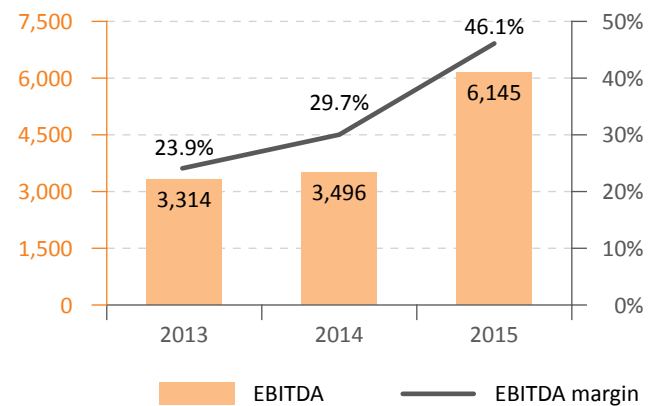
For simplicity, throughout this report following separators were used: point “.” for decimals, comma “,” for thousand and million.

# FACTS & FIGURES

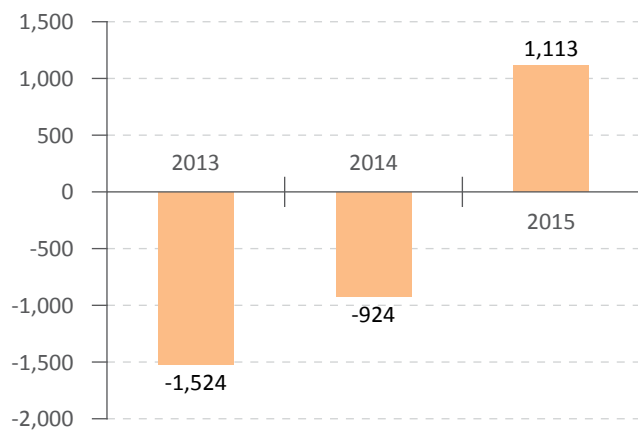
## Growth in Revenues (in EUR thousands)



## Growth in EBITDA (in EUR thousands)



## Growth in EBIT (in EUR thousands)

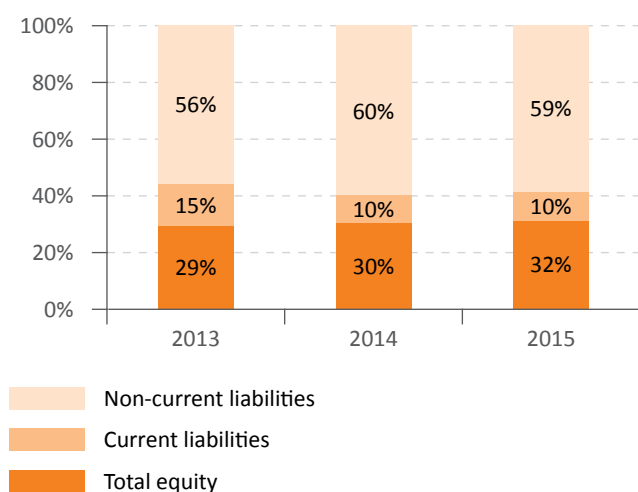


The last year saw strong improvements across the board: we achieved our financial objectives for the year by returning to revenue growth, reducing the underlying cost structures, and generating a positive EBIT in 2015.

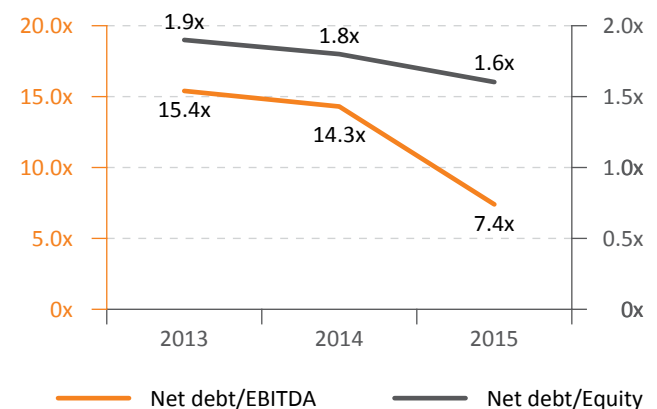
The results for this period show the success of our efforts to turn the company from a company that was dependent on Feed-in-Tariffs to a company that is generating its results from several sources aside.

Even though the project business is affected by the success of individual projects we believe that we will keep our profitability due to the revenue mix from electricity production, recurring revenues from the operations and maintenance business, revenues from EPC business and trading activities.

## Capital structure



## Debt ratios



Stabilising the financing mix has been a key priority over the past years. This stability, combined with a strong financial performance, moderates the leverage and makes the Company a stronger counterpart as well as more attractive to investors.

# SOLAR QUITE LITERALLY ON ANOTHER LEVEL IN AUSTRALIA





When Photon Energy was tasked with installing a 99 kWp solar power plant on an office building in Sydney, Australia, we chose an unusual path. The engineers were asked to achieve a high energy output target while leaving rooftop space for other uses, such as storage. As a result, the solar power plant is mounted onto raised steel structures, giving the possibility to walk under the structure and allowing for the use of space underneath the solar arrays for other purposes. All in all, the 384 solar panels cover an area of 635 m<sup>2</sup>, creating a total of approximately 1000 m<sup>3</sup> of space.

When buildings are renovated or newly built, it is an ideal time to integrate solar power, smart demand management and energy storage. This allows for optimum outcomes that deliver higher value and significant energy cost savings. Photon Energy's monitoring and PLC controls system integrates seamlessly into the building management system.

In late 2015 Photon Energy also started construction on two power plants on a commercial office building in Canberra, with a total capacity of 347 kWp. The power plants were commissioned in January 2016 and take Photon Energy's total installed capacity Down Under above 1 MWp.

# LETTER FROM THE MANAGEMENT



Dear shareholders, dear bondholders, dear readers,

The year 2015 was another milestone in Photon Energy's company history. Following our vision and moving forward guided by our strategy the entire Photon Energy team worked extremely hard and diligently. The outcome proves us right: in 2015 Photon Energy N.V. recorded the best results in its 5-year history. We succeeded in reigniting revenue growth (13.3% to EUR 13.321 million), optimising our cost base across all business lines while the resulting EBITDA rose 75.8% to EUR 6.145 million and EBIT swung from a EUR 0.924 million loss to a positive EUR 1.113 million. That growth carried through to the bottom line, where we managed to reduce our loss after taxation by two thirds.

The financial figures are mirrored by a strong business year.

Photon Energy can look back on outstanding production of its power plants in 2015, which came in approximately 5.5% above expectations for the whole year (+6.3% YoY). In the past year, Photon Energy also decided to further implement its global strategy by improving its geographical focus. The Group sold its two Italian power plants and its remaining small-scale rooftop power plants in Germany. While the overall impact on the portfolio is relatively small (the Italian power plants made up only 1.25 MWp and the German power plants only 230 kWp, with a remaining portfolio of 26 MWp), the decision allowed us to make better use of our resources and put stronger emphasis on the Operations & Maintenance (O&M) markets.

Consequently, the group's O&M division substantially increased its customer base and added more than 35 MWp of new contracts for full-service O&M in the Czech Republic, Slovakia and Romania. The new contracts signed in Romania for 11 MWp marked the expansion of our O&M services to the country. At the end of the year we provided full operations & maintenance to approximately 96.3 MWp. New contracts were also added at the start of 2016. As a result, together with our highly specialised "Inverter Cardio" services for central PV inverters, we are currently servicing more than 150 MWp of PV power plants across Europe and Australia.



**Co-founder and CEO Georg Hotar (C) with co-founder and MD for Australia Michael Gartner (R) and CFO Clemens Wohlmuth (L)**

**Our O&M division substantially increased its customer base and added more than 35 MWp of new contracts for full-service O&M in the Czech Republic, Slovakia and Romania.**

We see huge opportunities in Europe, where the ongoing consolidation of PV markets means that the ownership of PV power plants is less fragmented, which in turn enhances the conditions for an established O&M provider such as our subsidiary Photon Energy Operations. When current O&M clients acquire new PV plants chances are high that – based on their good experience with Photon Energy – they entrust us with the operations and maintenance of their newly-acquired PV power plants. In this respect, we have developed a healthy pipeline of projects, looking better than it ever has.

In Australia three power plants were commissioned or commenced construction in 2015. Down Under we are using a two-pronged approach. On the one hand we are installing smaller ( $\leq 99$  kWp) rooftop installations for commercial clients, while at the same time developing larger-scale (multi-MWp) projects, which promise more material revenues.

In 2015, Photon Energy constructed a rooftop PV installation in Sydney. With a capacity of 99 kWp the PV plant was duly commissioned in May and is evidence for the ingenuity of our engineering team. It is built onto raised steel structures, giving the possibility to walk under the structure and to use of the space underneath the solar arrays for other purposes. The design has been optimised to ensure the target solar production for the building's NABERS rating, which is a national rating system measuring the environmental performance of Australian buildings, including their energy efficiency and impact on the environment, reaping financial benefits for its tenants, the building owner and the community. The outcome: A building that is cheaper to run, more attractive to tenants, achieves sustainability targets and above all at a highly attractive return on investment. Photon Energy made use of the Renewable Energy Certificates providing an upfront payment through so-called Small Technical Certificates (STCs) which contributed to the cost of the system resulting in a short payback. Photon Energy also provides O&M services combined with our monitoring and control system.

With the recent commissioning of two rooftop PV plants totalling 348 kWp as part of a general building reconstruction which started in August in the Australia Capital Territory – taking the total installed base of Photon Energy in Australia beyond the 1 MWp mark – Photon Energy has demonstrated how integrating solar power into a commercial space can transform buildings, make them ready for the future and increase their overall value. By integrating solar power into new commercial buildings, investors can achieve the highest possible NABERS ratings, making them attractive to a wider range of tenants. As with the building in Sydney, this project was installed during a general renovation of an older property. Photon Energy is also providing the long-term O&M for the PV plants.

The momentum in our Operations & Maintenance and Inverter Cardio service businesses in Europe and the Australian markets provide the backdrop for sustained growth in 2016 and beyond. In 2016 we expect continued growth in our O&M business as we continuously expand our service range to include not only full O&M, but more highly specialised services, such as string inverter refurbishment, string monitoring for central inverters or specialised monitoring solutions. We are also continuing our development of off-grid solutions, which will not only include hybrid power plants, but solutions directly coupled with off-grid applications, such as on-site water pumping and filtration powered by solar energy.

Our strategy for future growth is not only built on solid foundations, but also supported by our ability to develop multiple suitable models for off-grid and on-grid systems with sufficient flexibility to adapt to a wide range of situations. We position ourselves at the cutting edge of the industry and as we move forward, we believe the strength of our company and business model will enable Photon Energy to offer better value and benefits to both its customers and shareholders.

We thank our shareholders for their continued support and are looking confidently into 2016 and beyond.

Amsterdam, 26 April 2016  
Board of Directors



Michael Gartner  
Director



Georg Hotar  
Director

**As a result, we are currently servicing more than 150 MWp of PV power plants across Europe and Australia.**

**In Australia three power plants were commissioned or commenced construction in 2015.**

**We position ourselves at the cutting edge and we believe the strength of our company and business model will enable Photon Energy to offer better value and benefits to both its customers and shareholders.**

**Co-founder and MD for Australia Michael Gartner**



# CONTENTS

| 1.                                  | 2.                                                                     | 3.                                                                                    |
|-------------------------------------|------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| Company Introduction                | Report of the Management                                               | Financial Section                                                                     |
| Company profile 12                  | Market description and positioning 28                                  | Directors' report 49                                                                  |
| Contact details 13                  | Basic exposures and risks 32                                           | Consolidated Financial Statements for the year ended 31 December 2015 56              |
| Global presence 13                  | Risk policy 35                                                         | Notes to the Consolidated Financial Statements for the year ended 31 December 2015 61 |
| Leadership 14                       | Subsequent events which had material impact on the Group's business 36 | Standalone Financial Statements for the year ended 31 December 2015 109               |
| History 15                          | Future plans 36                                                        | Notes to the Company Financial Statements for the year ended 31 December 2015 112     |
| Major achievements in 2015 16       | Financial ratios 36                                                    | Other information 120                                                                 |
| Always there for the media 18       | Authorised Advisors remuneration 37                                    | Auditor's report 122                                                                  |
| Employees 20                        | Statutory Auditor remuneration 37                                      |                                                                                       |
| Group structure 21                  | Total Board of Directors remuneration 37                               |                                                                                       |
| Statutory bodies 23                 | NewConnect's Best Practices applied and not applied in 2015 37         |                                                                                       |
| Shares and shareholder structure 24 | Summary of information disseminated 40                                 |                                                                                       |
|                                     | Statement of relations 42                                              |                                                                                       |
|                                     | Implementation of innovative activities in the Company in 2015 42      |                                                                                       |
|                                     | Material off-balance sheet items 42                                    |                                                                                       |
|                                     | Further information 42                                                 |                                                                                       |
|                                     | Board of Directors' statements 43                                      |                                                                                       |



**SYDNEY, AUSTRALIA**  
**283 kWp**

# 1.

## **Company Introduction**

# COMPANY PROFILE

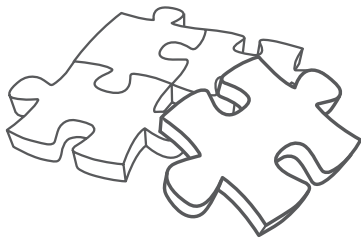
Photon Energy NV is a global solar power solutions and services company with a wide range of expertise covering the entire lifecycle of solar power systems. Our track record includes more than 50 MWp of solar power plants built and commissioned and more than 150 MWp in our operations & maintenance portfolio. Photon Energy also manages its own proprietary portfolio of 26 MWp of power plant in three countries across two continents.

Photon Energy's team has a proven track record and in-depth knowledge of project development, investment management, project finance, insurance, technology solutions, EPC and O&M. Photon Energy is headquartered in Amsterdam, Netherlands and has offices in Australia, the Czech Republic and Slovakia.

Photon Energy is an innovative company dedicated to providing best-in-class solar power solutions that are robust, reliable, cost effective and applicable anywhere there is sunshine. Our power solutions provide solar and solar-hybrid power for a wide range of customers and applications.

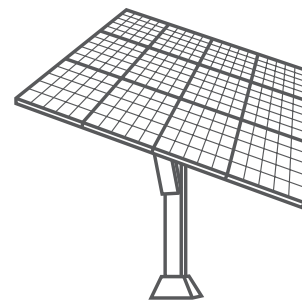
Our O&M division Photon Energy Operations provides a wide range of first-in-class services for owners of PV power plants.

Since 2014 we are also active in the area of investment protection for renewable energy investors.



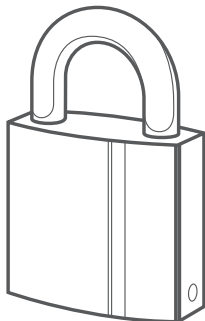
## SOLAR SOLUTIONS

Photon Energy **develops and builds solar power plants**, from small-scale solar storage projects to large-scale ground-mounted solar parks.



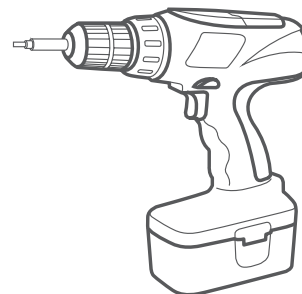
## SOLAR TECHNOLOGY

Photon Energy helps investors choose **the right solar power components** and delivers the technology for many projects internationally.



## INVESTMENT PROTECTION

Through our subsidiary **Global Investment Protection** we help investors protect their assets from reckless governments and retroactive measures.



## SOLAR O&M

Photon Energy provides crucial **monitoring, maintenance and service solutions** for power plants across the globe, helping investors achieve maximum yield.

# CONTACT DETAILS

Name: **Photon Energy N.V.**

Legal form: Dutch public company with limited liability (Naamloze Vennootschap)

Address: Barbara Strozilaan 201, 1083 HN, Amsterdam, the Netherlands

Registration: Dutch Chamber of Commerce (Kamer van Koophandel)

Company No.: 51447126

Tax No: NL850020827B01

Web address: [www.photonenergy.com](http://www.photonenergy.com)

E-mail: [info@photonenergy.com](mailto:info@photonenergy.com)

## GLOBAL PRESENCE



Power plants owned  
by Photon Energy



Power plants  
under O&M



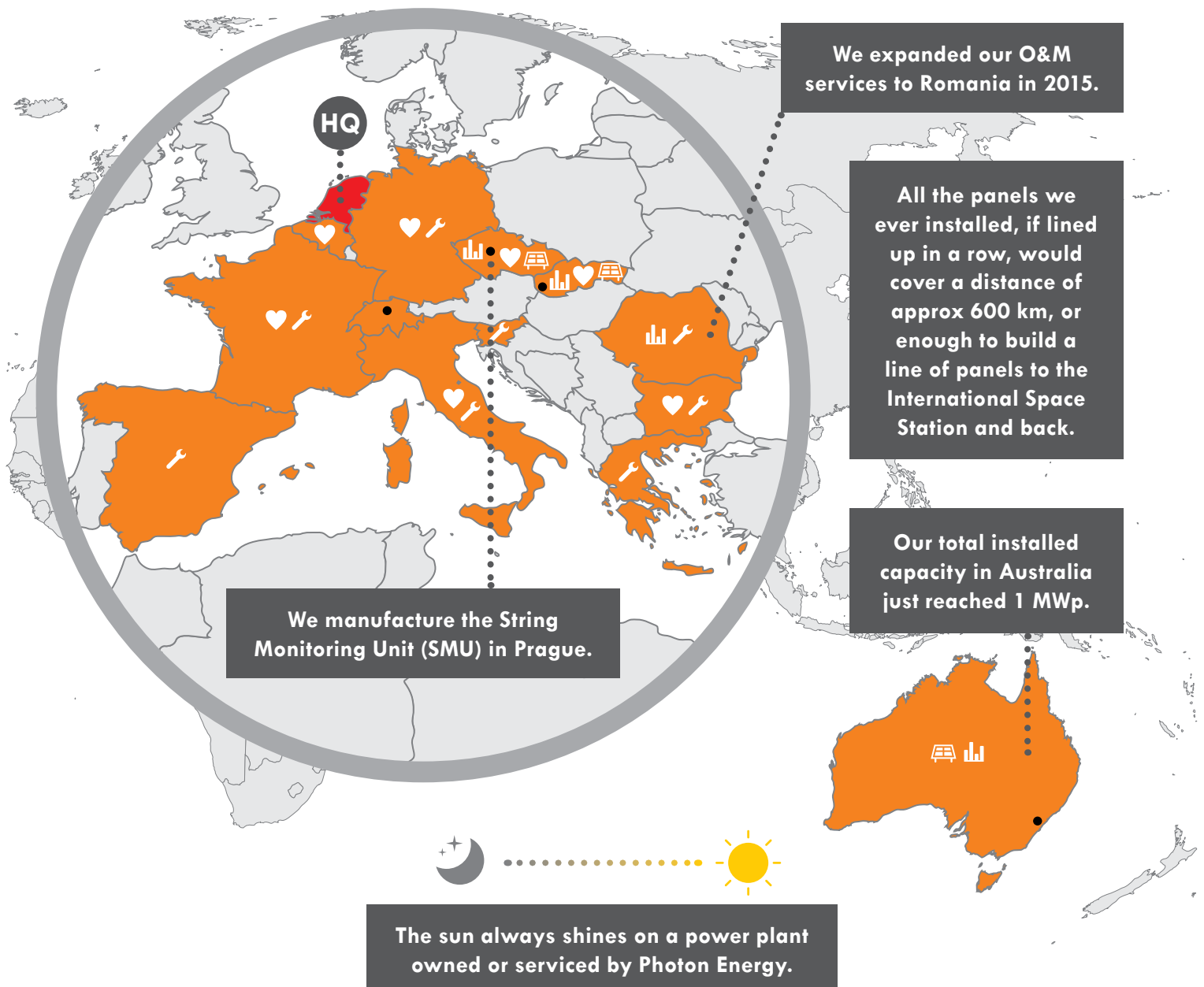
Service  
interventions



Inverter  
cardio



Offices



# LEADERSHIP



**Georg Hotar** Chief Executive Officer and co-founder

Georg co-founded Photon Energy in 2008 and was the company's CFO until 2011. Since then he has spearheaded the group's expansion in Europe and overseas as CEO. Georg has extensive knowledge of the solar energy industry as well as in international finance. Before Photon Energy, Georg established a regional finance and strategy advisory boutique and also held various positions in financial services in London, Zurich and Prague.

**Michael Gartner** Managing Director of Photon Energy Australia and co-founder

Michael developed one of the first large PV installations in the Czech Republic before co-founding Photon Energy in 2008. Michael was CEO of Photon Energy until rolling out the company's business in Australia. Michael is instrumental in driving Photon Energy's off-grid and solar-hybrid power solutions. Before Photon Energy, Michael ran an investment boutique and was an analyst and head of fixed income sales at ING and Commerzbank Securities in Prague.



**Clemens Wohlmuth** Chief Financial Officer

Clemens joined Photon Energy in 2012 and is responsible for the group's financial activities and strategies. He contributes many years of experience in financial management, having run his own consulting practice focused on financial services and interim management. Prior to this, he was CFO and later CEO at Telekom Austria's subsidiary, Czech On Line. From 1994 to 2000 he was Senior Manager for Ernst & Young Consulting in Austria and worked on several reorganisation projects in Central Europe.

**Murad Can** Business Development Advisor

Murad joined Photon Energy in 2015 to spearhead the development of our proprietary SCADA software and solutions as well as further expand our global business. Before joining Photon Energy, Murad acquired many years of high-level experience in the renewable energy sector in management position with Skytron Energy and AEG Power Solutions. Before his work in the renewable energy industry Murad Can worked in various management and directorial positions for Rolls Royce aerospace.



**Miroslav Calda** Regional manager Photon Energy Operations Central Europe

Miroslav is responsible for growing Photon Energy's customer base operations and maintenance in Europe. He is highly experienced in photovoltaics, engineering and managing construction projects. Prior to Photon Energy, Miroslav's responsibilities have included Director of the civil construction department at Termonta Praha and Senior Construction Manager for J&T, where he specialised in energy solutions which included several PV projects.

**Marek Farský** Managing Director Photon Energy Technology CEE

Marek joined Photon Energy in 2009 and has since then overseen the procurement and sale of PV technology worth several Hundred MWp. Marek has wide ranging contacts among PV manufacturers and substantial knowledge of solar technology. Before joining Photon Energy he worked for, among others, Ernst&Young and Deloitte.



**Lukáš Kubásek** Portfolio Manager Photon Energy NV

Lukáš is responsible for managing our 26 MW portfolio of power plants from the technical, administrative and economic side, ensuring that production is always as high as possible. After joining Photon Energy in early 2010 he oversaw the financing and construction of some of the company's own power plants as project manager in the Czech Republic and Germany. Before Photon Energy Lukáš worked as project and real estate manager in the retail sector.

# HISTORY



## 2008

Photon Energy a.s., the predecessor company was founded in the Czech Republic in January. In September, the company raised EUR 0.6m in a private placement (as the only external equity financing to date) and in October its shares were listed on the NewConnect segment of the Warsaw Stock Exchange.



## 2009

Photon Energy connected the first large scale PV plant of 911 KWp as an EPC in July. In total the company commissioned four plants with an installed capacity of 3.5 MWp, including the 795 KWp plant in Mostkovice, the first plant in its proprietary portfolio.



## 2010

Photon Energy built and connected 32.5 MWp of PV plants in the Czech Republic and Slovakia and expanded its proprietary portfolio to 20MWp.

In December Photon Energy N.V. was incorporated by two founding shareholders: Mr. Georg Hotar (48.33% of share capital) and Mr. Michael Gartner (51.67%) under the laws of the Netherlands, with its statutory seat in Amsterdam in the Netherlands. Mr. Hotar contributed 7,976,159 shares and Mr. Gartner contributed 8,526,150 shares of Photon Energy a.s. to the capital of the Issuer, which thus became a 71.75% shareholder of Photon Energy a.s.. Subsequently, the shares of the Issuer were contributed by the two founding shareholders to Solar Power to the People Cooperatief U.A. and Solar Future Cooperatief U.A.



## 2011

Photon Energy built an additional 8.8 MWp of PV plants in Slovakia and added 1.3 MWp in Germany and 0.3 MWp in Italy (first power plant). The Company also established its presence in Australia and started project development.



## 2012

The Group completed its corporate restructuring, implemented a structure based on legally separated business lines and transferred all activities and assets under its Dutch holding structure. Photon Energy connected a 1 MWp rooftop PV plant in Italy in June.



## 2013

Photon Energy placed a 5-year corporate bond with an 8% coupon, which trades in Frankfurt, Berlin, Hamburg, Hannover and Vienna. In June 2013 Photon Energy relisted on the NewConnect segment of the Warsaw Stock Exchange, followed by a capital increase by EUR 24 million. Subsequently, the Group announced its new global strategy and signed contracts for new PV projects in the ACT, Australia.



## 2014

In 2014 Photon Energy commissioned one of Australia's largest rooftop power plants on the Sydney headquarters of Australia Post. Later that year in Australia we installed a revolutionary solar-storage battery system that powers a large-scale radio antenna. Photon Energy's O&M division substantially expanded its customer base by adding five new countries to our map.

In 2014, the Group concluded financing facilities in the Czech Republic and Slovakia, illustrating the strong support the Group continues to receive from banks. In September 2014 Photon Energy partially repaid and successfully refinanced its short term loan facility in the amount of approximately EUR 6 million, significantly improving its liquidity position.

In 2014 Photon Energy launched Global Investment Protection AG (GIP), which gives investors the tools needed to protect themselves against unfair and often retroactive state measures. GIP provides restructuring of assets under optimal jurisdictions with strong Bilateral Investment Treaties.

# MAJOR ACHIEVEMENTS IN 2015



## 35 MWP OF NEW O&M CONTRACTS ADDED

In 2015 our subsidiary Photon Energy Operations substantially increased its customer base and added more than 35 MWp of new contracts for full Operations & Maintenance (O&M) in the Czech Republic, Slovakia and Romania. The new contracts signed in Romania, for 11 MWp, marked the expansion of our O&M services to the country. At the end of the year we provided full Operations & Maintenance to approximately 96.3 MWp. New contracts were added at the start of 2016, too.

As a result, together with our highly specialised “Inverter Cardio” services for central PV inverters, we are currently servicing more than 150 MWp of PV power plants across Europe and Australia. Furthermore, we supply spare parts and one-off service interventions to many more power plants.

## SOLUTION FOR STRING MONITORING OF CENTRAL PV INVERTERS DEVELOPED

We continue to be at the cutting edge of specialised maintenance and monitoring services for central PV inverters. In 2015 our “Inverter Cardio” team developed and put into production a highly accurate and cost-effective string monitoring solution for PV power plants with central inverters. Thanks to our “String Monitoring Unit” (SMU), investors can now monitor their power plants down to the string level, quickly detect outages and bring down costs.

The solution helps investors with central inverters in PV power plants increase yields, prevent damage and provides a multitude of production data from power plants which previously were – in many cases – not being monitored. Our SMU is compatible with a wide range of brands of PV inverters and thanks to its wireless design it is extremely easy and cheap to install. The hardware is made in Europe and has been tested on our own power plants.



## REFINANCING OF THE CZECH PORTFOLIO

In 2015, we have proactively managed our balance sheet to support our business operations. On 30 December, we signed a financing facility amendment with Raiffeisen Leasing s.r.o., increasing the existing credit facility on nine Czech power plants by CZK 40 million (EUR 1.480 million, PLN 6.301 million). The covenants and other conditions of the loan are consistent with those of the Company's prior credit facilities.

This refinancing on attractive terms illustrates the strong support the Group continues to receive from its partner banks, and reflects the Company's improving financial profile.

## GEOGRAPHICAL REFOCUSING IN EUROPE HELPS EFFECTIVELY TARGET RESOURCES



In 2015 Photon Energy decided to further implement its global strategy by improving its geographical focus. In May the Group sold its two Italian power plants to avoid further devastating retroactive measures by the Italian government. A long-standing campaign against renewable energy, which included cuts to the feed-in-tariff and other retroactive measures, had effectively killed the Italian PV market. Given that the Italian government appeared intent on continuing robbing PV investors, Photon Energy came to the conclusion that leaving this devastated market was our most optimal option.

In the second half of 2015 Photon Energy also sold its remaining, small-scale rooftop power plants in Germany. While the overall impact on the portfolio is relatively small (the Italian power plants made up only 1.25 MWp and the German power plants only 230 kWp, with a remaining portfolio of 26 MWp), the decision allows us to make better use of our resources and put stronger emphasis on the O&M markets, in which we are already leading players.

After the reporting period, the Company sold its shares in Photon Energy Operations DE GmbH to a German investor and closed its office in Berlin at the end of January 2016.

## SYDNEY OFFICE BUILDING DEMONSTRATES THE VALUE OF SOLAR ENERGY

In early 2015 Photon Energy installed and commissioned a 99 kW solar power plant at 1 Thomas Holt Drive in Macquarie Park, Sydney, Australia. With this project Photon Energy has once again demonstrated how integrating solar power into commercial office space can transform buildings and make them ready for the future. While utilising the Small Scale Technical Certificates (STCs) support scheme to cost-effectively raise the building's energy rating, the system designers also used an innovative approach to maximise power output as well as rooftop space.

The engineers were tasked with achieving a high energy output target while leaving rooftop space for other uses, such as storage. As a result, the solar power plant is mounted onto raised steel structures, giving the possibility to walk under the structure and allowing for the use of space underneath the solar arrays for other purposes. All in all the 384 solar panels cover an area of 635 m<sup>2</sup>, creating a total of approximately 1000 m<sup>3</sup> of space.



## PHOTON ENERGY HITS 1 MWP IN AUSTRALIA

In August 2015 Photon Energy Australia began work on two rooftop mounted solar power plants in Canberra, which were part of a complex building renovation. The two power plants have a combined installed capacity of 348 kWp. Photon Energy is, as for all its other Australian projects, providing the long-term Operations & Maintenance to the PV plant. This is the third project in Australia which was installed during a general renovation of an older office building, similar to the project installed on the Australia Post Headquarters in Sydney in 2014.

The power plants were commissioned in early 2016 and have taken the total installed base of Photon Energy in Australia beyond the 1 MWp mark. Photon Energy is continuing to establish itself as a reliable and innovative provider of complex solar rooftop PV plants for the real estate sector.

# ALWAYS THERE FOR THE MEDIA

Photon Energy is not only a reliable partner when it comes to building or operating a power plant, but also a reliable partner for the media. Thanks to our transparent information strategy, we have become a point of contact for media outlets in many countries, who are looking for experts from the solar PV sector for comments.

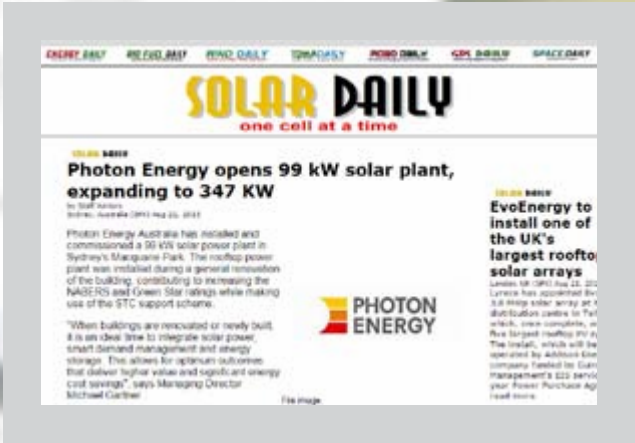
Whether it's commenting on the plans of local Energy Regulators for specialised PV media, or explaining to prime time TV news viewers in the Czech Republic the effects of heat waves on solar power plants: we understand the media and are proud to work together with them.

Our CEO Georg Hotar is regularly interviewed by broadsheet newspapers and our expert technicians are ready to explain any phenomenon in layman's terms for a wider audience. At the same time we work together closely with industry associations and NGOs to provide best practices and concrete information.

Given the backlash that solar power has experienced in several EU countries after negative campaigns, we see it as our duty to help in the joint effort to restore the good reputation that renewable energy deserves. For more articles about Photon Energy please visit the "Media Centre" on our website.

**Click the thumbnails to read the highlighted articles!**





# EMPLOYEES

As of 31. 12. 2015



59

Employees



34

Average age



29%

Female employees



19

Languages spoken



## SHARING OUR GLOBAL KNOW-HOW

After installing tens of MWp of power plants in Central Europe, **Zbyněk Vala** moved to Australia to be part of the energy revolution Down Under. Under his supervision, we have built there more than 1 MWp of rooftop power plants. Zbyněk is also the brain behind our revolutionary solar-battery-storage project in Muswellbrook, which helps demonstrate the reliability of solar energy under the most demanding conditions.

## DELIVERING PEACE OF MIND

**Pavel Laurinec** heads our “Inverter Cardio” team, which takes care of central PV inverters. With many power plants running on central inverters and therefore relying on a handful of critical components, the threat of downtime and revenue loss can be a worry for power plant owners. But if you know that your inverters are in the hands of some of the most experienced and qualified technical experts in Europe, you get peace of mind with the service we provide.



## LOOKING AFTER OUR MOST VALUABLE ASSETS

**Petra Bednářová** has been with Photon Energy from the very beginning and is one of the longest serving members of the Photon Energy team. As the company’s HR manager she looks after our most valuable assets – our employees. Overseeing employees that are spread over two continents on opposite sides of the world is not an easy task. Petra plays an integral part in our recruiting and employee development efforts making sure that we meet our high standards.

## Nationalities represented among our employees:



Australia



Austria



Canada



Czech Republic



France



Germany



Greece



Hungary



Netherlands



Romania



Slovakia

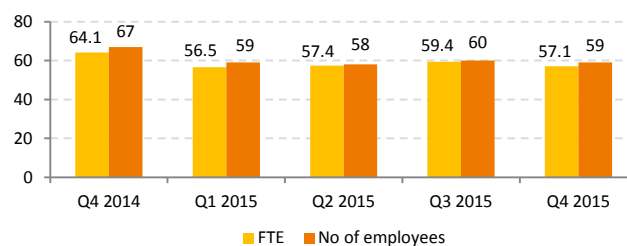
## Employees

As of 31 December 2015 the Photon Energy Group had 59 employees (compared to 67 employees as of 31 December 2014), which translates into 57.1 FTE<sup>1</sup> (compared to 64.1 FTE in 2014).

### Employee Share Purchase Programme

The management of the Company recognises the significant contribution of the team members to the future development of the Group. Therefore, it deploys an Employee Share Purchase Programme as a part of its motivation system. Under the terms of the programme, the Group periodically purchases shares for employees equal to 10% of their gross compensation. The disposition rights to these shares are limited and employees can dispose of these shares only under specific conditions.

### Total number of employees and full time equivalent employees per quarter



<sup>1</sup> **Full-time equivalent (FTE)** is a unit that indicates the workload of an person in a way that makes workloads comparable across various contexts. An FTE of 1.0 means that the person is equivalent to a full-time worker, while an FTE of 0.5 signals that the worker is only half-time.

## Group structure

The following table presents the Group's structure (subsidiaries and joint-ventures) and the holding company's stake in the entities comprising the Group as of 31 December 2015.

| Name                                           | % of share capital held by the holding company | % of votes held by the holding company | Country of registration | Consolid. method | Legal Owner   |
|------------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------|------------------|---------------|
| 1 Photon Energy N.V.                           | Holding Company                                |                                        | NL                      | Full Cons.       |               |
| 2 Photon Directors B.V.                        | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 3 European Solar Holdings B.V.                 | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 4 Photon Energy Engineering B.V.               | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 5 Photon Energy Operations N.V.                | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 6 Photon Energy Investments CZ N.V.            | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 7 Photon Energy Investments DE N.V.            | 100%                                           | 100%                                   | NL                      | Full Cons.       | Photon Energy |
| 8 Photon Energy Australia Pty Ltd.             | 100%                                           | 100%                                   | AUS                     | Full Cons.       | Photon Energy |
| 9 Photon Energy Generation Australia Pty. Ltd. | 100%                                           | 100%                                   | AUS                     | Full Cons.       | Photon Energy |
| 10 Photon Energy AUS SPV 1 Pty. Ltd.           | 100%                                           | 100%                                   | AUS                     | Full Cons.       | Photon Energy |
| 11 Photon Energy AUS SPV 2 Pty. Ltd.           | 100%                                           | 100%                                   | AUS                     | Full Cons.       | Photon Energy |
| 12 Photon Energy Operations Australia Pty.Ltd. | 100%                                           | 100%                                   | AUS                     | Full Cons.       | PEO NV        |
| 13 Photon Energy Engineering Australia Pty Ltd | 100%                                           | 100%                                   | AUS                     | Full Cons.       | PEE BV        |
| 14 Global Investment Protection AG             | 100%                                           | 100%                                   | CH                      | Full Cons.       | Photon Energy |
| 15 Photon Energy Corporate Services CZ s.r.o.  | 100%                                           | 100%                                   | CZ                      | Full Cons.       | Photon Energy |
| 16 Photon SPV 1 s.r.o. (Breclav)               | 100%                                           | 100%                                   | CZ                      | Full Cons.       | Photon Energy |
| 17 Photon Energy Operations CZ s.r.o.          | 100%                                           | 100%                                   | CZ                      | Full Cons.       | PEO NV        |
| 18 Photon Energy Control s.r.o.                | 100%                                           | 100%                                   | CZ                      | Full Cons.       | PEO CZ        |
| 19 Photon Energy Technology CEE s.r.o.         | 100%                                           | 100%                                   | CZ                      | Full Cons.       | PEE BV        |
| 20 Photon Energy Finance Europe GmbH           | 100%                                           | 100%                                   | DE                      | Full Cons.       | Photon Energy |

|    | Name                                     | % of share capital held by the holding company | % of votes held by the holding company | Country of registration | Consolid. method | Legal Owner   |
|----|------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------|------------------|---------------|
| 21 | Photon Energy Corporate Services DE GmbH | 100%                                           | 100%                                   | DE                      | Full Cons.       | Photon Energy |
| 22 | IPVIC GbR                                | 15%                                            | 15%                                    | DE                      | Not Cons         | Photon Energy |
| 23 | Photon Energy Operations DE GmbH         | 100%                                           | 100%                                   | DE                      | Full Cons.       | PEO NV        |
| 24 | Photon Energy Engineering Europe GmbH    | 100%                                           | 100%                                   | DE                      | Full Cons.       | PEE BV        |
| 25 | EcoPlan 2 s.r.o. (Mokra Luka 1)          | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 26 | EcoPlan 3 s.r.o. (Mokra Luka 2)          | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 27 | Fotonika, s.r.o. (Prša I)                | 60%                                            | 50%                                    | SK                      | Equity           | Photon Energy |
| 28 | Photon SK SPV 1 s.r.o. (Brestovec)       | 50%                                            | 50%                                    | SK                      | Equity           | Photon Energy |
| 29 | Photon SK SPV 2 s.r.o. (Jovice 1)        | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 30 | Photon SK SPV 3 s.r.o. (Jovice 2)        | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 31 | Solarpark Myjava s.r.o.                  | 50%                                            | 50%                                    | SK                      | Equity           | Photon Energy |
| 32 | Solarpark Polianka s.r.o.                | 50%                                            | 50%                                    | SK                      | Equity           | Photon Energy |
| 33 | SUN4ENERGY ZVB, s.r.o. (Babiná II)       | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 34 | SUN4ENERGY ZVC, s.r.o. (Babiná III)      | 100%                                           | 100%                                   | SK                      | Full Cons.       | Photon Energy |
| 35 | ATS Energy, s.r.o. (Blatna)              | 70%                                            | 70%                                    | SK                      | Full Cons.       | Photon Energy |
| 36 | Photon Energy Operations SK s.r.o.       | 100%                                           | 100%                                   | SK                      | Full Cons.       | PEO NV        |

Notes:

Country of registration

NL – the Netherlands

SK – Slovakia

CZ – the Czech Republic

DE – Germany

AUS – Australia

Consolidation method:

Full Cons. – Full Consolidation

Not Cons. – Not Consolidated

Equity – Equity Method

On 29 September 2015, Photon Energy Operations CZ s.r.o. established a branch office in Romania: Photon Energy Operations CZ s.r.o. Praga sucursala Bucuresti.

In addition to the above subsidiaries, for the purposes of **IFRS reporting**, the Company consolidates the following entities:

|   | Name                                     | % of Consolidated share | % of Ownership share | Country of registration | Consolidation method | Legal Owner |
|---|------------------------------------------|-------------------------|----------------------|-------------------------|----------------------|-------------|
| 1 | Photon SPV 3 s.r.o. (Mostkovice SPV 3)   | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 2 | Photon SPV 8 s.r.o. (Zvíkov I)           | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 3 | Exit 90 SPV s.r.o. (Komorovice)          | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 4 | Photon SPV 4 s.r.o. (Svatoslav)          | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 5 | Photon SPV 6 s.r.o. (Slavkov)            | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 6 | Onyx Energy s.r.o. (Zdice I)             | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 7 | Onyx Energy projekt II s.r.o. (Zdice II) | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 8 | Photon SPV 10 s.r.o. (Dolní Dvořiště)    | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |
| 9 | Photon SPV 11 s.r.o. (Radvanice)         | 100%                    | 0%                   | CZ                      | Full Cons.           | RL          |

Notes:

RL – Raiffeisen - Leasing, s.r.o.

## In the reporting period, there were the following changes to the Group structure:

### List of incorporated subsidiaries

- None in 2015.

### List of acquired subsidiaries

- None in 2015.

### Renaming

- Photon SPV 5 s.r.o. was renamed to Photon Energy Control s.r.o.

### Mergers

- None in 2015.

### List of liquidated subsidiaries

- 1 December 2015: Photon Energy Technology B.V.

### List of disposed subsidiaries

During 2015 the following subsidiaries were disposed out of the Group:

- On 1 April 2015, the Group sold its two Italian plants Photon IT SPV 1 s.r.l. & Photon IT SPV 2 s.r.l.
- On 1 September 2015: Photon DE SPV 3 GmbH
- On 18 September 2015 : Photon Energy Polska Sp. z.o.o.

The total loss from the sale of the above mentioned subsidiaries amounted to EUR 181 thousand based on a comparison of the net asset values of the disposed subsidiaries and their respective sales prices.

## After the reporting period the following events occurred from the beginning of the year 2016

On 29 January 2016, Photon Energy N.V. purchased 100% of the Czech company Photon Water s.r.o.

On 1 February 2016, Photon Energy Operations N.V. sold 100% of the shares of Photon Energy Operations DE GmbH.

## Statutory bodies

### Board of Directors as of 31 December 2015

The Board of Directors is responsible for the day-to-day operations of the Company. The Issuer's Board of Directors has the following members:

| Name            | Position                       | Date of birth | Term of office expiry date |
|-----------------|--------------------------------|---------------|----------------------------|
| Georg Hotar     | Director ( <i>Bestuurder</i> ) | 21. 04. 1975  | No term of expiry          |
| Michael Gartner | Director ( <i>Bestuurder</i> ) | 29. 06. 1968  | No term of expiry          |

### Supervisory board

Under Dutch law, a public company is required to establish a supervisory board if:

- The issued share capital of the company together with the reserves pursuant to the balance of sheet amounts to at least EUR 16 million,
- The company or a dependent company has established a work council pursuant to a statutory obligation and,
- The company together with its dependent companies employs at least one hundred employees in the Netherlands.

The company will only be under the obligation to establish a supervisory board if it meets such criteria on the balance sheet dates in three subsequent financial years. The Issuer does not meet the above described criteria and therefore is not required to create a supervisory board. No Supervisory Board was established, however, the Issuer has the intention to appoint an independent Supervisory Board in the future.

## Shares and shareholder structure

**Market:** NewConnect, Poland

**Ticker:** PEN

**Web address:** [www.newconnect.pl](http://www.newconnect.pl)

### Share capital

The Company's share capital is EUR 600,000 divided into 60,000,000 shares with a nominal value of EUR 0.01 each. The share capital is fully paid-up. Each share has one vote at the General Meeting of Shareholders, with the exception of the treasury shares held by the Issuer.

### Share capital as of 31 December 2015

| Series/ issue                             | Type of shares | Type of preference | Limitation of right to shares | Number of shares | Nominal value of series/issue (EUR) | Capital covered with |
|-------------------------------------------|----------------|--------------------|-------------------------------|------------------|-------------------------------------|----------------------|
| A                                         | bearer         | -                  | -                             | 60,000,000       | 600,000                             | cash                 |
| Total number of shares                    |                |                    |                               | 60,000,000       |                                     |                      |
| Total share capital                       |                |                    |                               |                  | 600,000                             |                      |
| <b>Nominal value per share = EUR 0.01</b> |                |                    |                               |                  |                                     |                      |

### Shareholder structure

The number of issued shares by the Company amounts to 60,000,000, which 50,000,000 shares admitted to trading on NewConnect. As of 26 April 2016, to the knowledge of the Management, the shareholder structure was as follows:

The shareholder structure as of 31 December 2015 can be found in the Directors' report.

| Shareholdership as of 26.04.2016           | No. of shares     | % of capital   | No. of votes at the Shareholders Meeting | % of votes at the Shareholders Meeting |
|--------------------------------------------|-------------------|----------------|------------------------------------------|----------------------------------------|
| Solar Age Investments B.V.                 | 28,263,974        | 47.11%         | 28,263,974                               | 55.29%                                 |
| Solar Future Cooperatief U.A.              | 8,590,683         | 14.32%         | 8,590,683                                | 16.80%                                 |
| Solar Power to the People Cooperatief U.A. | 8,051,919         | 13.42%         | 8,051,919                                | 15.75%                                 |
| Photon Energy N.V.                         | 8,878,296         | 14.80%         | 0                                        | 0.00%                                  |
| Free float                                 | 6,215,128         | 10.36%         | 6,215,128                                | 12.16%                                 |
| <b>Total</b>                               | <b>60,000,000</b> | <b>100.00%</b> | <b>51,121,704</b>                        | <b>100.00%</b>                         |

*In 2015 and in 2016, shares were transferred from Photon Energy NV to the Employee share purchase programme. These shares were added to the free float.*

- Solar Age Investments B.V.** is a limited liability company established under the laws of the Netherlands, with its statutory seat in Amsterdam and its place of business at Barbara Strozilaan 201, 1083 HN, Amsterdam, the Netherlands. The board of Directors has one member, Mr. Georg Hotar.
- Photon Energy N.V.** is a company established under the laws of the Netherlands, with its statutory seat in Amsterdam and its place of business at Barbara Strozilaan 201, 1083 HN, Amsterdam, the Netherlands. The Board of Directors has two members: Mr. Georg Hotar and Mr. Michael Gartner.
- Solar Future Cooperatief U.A.** is a cooperative established under the laws of the Netherlands, with its statutory seat in Amsterdam and its place of business at Barbara Strozilaan 201, 1083 HN, Amsterdam, the Netherlands. The Board of Directors has two members: Mr. Michael Gartner as Director A and Mrs. Magda Gartnerova as Director B.
- Solar Power to the People Cooperatief U.A.** is a cooperative established under the laws of the Netherlands, with its statutory seat in Amsterdam and its place of business at Barbara Strozilaan 201, 1083 HN, Amsterdam, the Netherlands. The Board of Directors has two members: Mr. Georg Hotar as Director A and Mr. Michael Gartner as Director B.

## Authorized Advisor

**Capital Solutions ProAlfa Sp. z o.o.**

**Legal form:** Polish Limited Liability Company

**Address:** ul. Nowy Świat 51/3, 00-042 Warsaw, Poland

**Email:** info@cs-proalfa.pl

**Internet:** www.cs-proalfa.pl

**Registration number:** 0000150260

## Dialogue with investors

The Company attaches great importance to maintaining good relationships with all shareholders and ensures that shareholders and bondholders are kept informed of significant Company developments. In addition to the required reports, Photon Energy publishes voluntary monthly reports with detailed production data and news items.

- The Company's website continues to be developed to ensure it remains a principal source of information on the Group and its activities.
- A newsletter-based **investor relations news service** allows investors to stay up-to-date on Company announcements, reports and other ad-hoc information. Important information is delivered directly into interested investors' inboxes.
- In 2015, the IR department organised **two online chats** – on 18 February and on 18 November – jointly with the Polish retail investors association SII. SII members as well as other investors were able to submit questions to Georg Hotar, the Company's CEO. The chats were webcast live in Polish and English at [www.sii.org.pl](http://www.sii.org.pl) and transcripts of the chats in Polish were published in the investor relations section of our website.
- The Company participated in the **Wall Street conference**, which was hosted by the Polish Individual Investors Association SSI and took place in Karpacz from 29 to 31 May. Photon Energy was represented in the Fair on 29 May, which allowed for direct and detailed interactions with individual investors.
- The Company participated in the **Small & Midcap conference** held on 26 March 2015 in Warsaw. The conference was hosted by the IR firm CC Group, bringing together smallcap and midcap companies as well as a wide audience of Polish fund managers and brokerage house analysts.

## Market Maker Details

**Dom Maklerski PKO Bank Polski**

**Address:** ul. Puławska 15, 02-515 Warszawa, Poland

**Internet:** [www.dm.pkobp.pl](http://www.dm.pkobp.pl)

## Dividend policy

The Company's strategy is to create value for its shareholders through strong expansion in the globalising PV industry. For as long as value-creating growth and investment opportunities exist, the Board of Directors does not intend to propose to distribute dividends to shareholders.

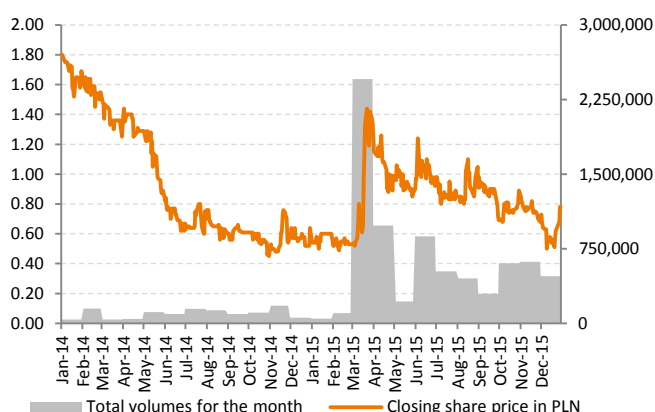
## Share performance in 2015

| Selected share information          | PLN         |
|-------------------------------------|-------------|
| Opening price (02. 01. 2015)        | 0.52        |
| 52-week max (23. 03. 2015 )         | 1.44        |
| 52-week min (10. 02. 2015)          | 0.49        |
| <b>Closing price (30. 12. 2015)</b> | <b>0.78</b> |

Source: <http://www.newconnect.pl/>

The average trading volume in the year 2015 amounted to 30,430 shares per trading session compared to 4,724 in 2014. The Company has been listed on NewConnect since 4 June 2013. The stock price ended 2015 at PLN 0.78, up 50% from its opening price (02.01.2015) of PLN 0.52.

## Performance of Photon Energy shares in 2015



# WE ARE PUTTING NEW COUNTRIES ON OUR MAP



In 2015 our subsidiary Photon Energy Operations expanded its O&M services to Romania by taking over the full monitoring, operations and maintenance for three power plants in the North-West of the country. The power plants have a total installed capacity of 11 MWp.

But Photon Energy Operations was not only active in Romania. In total, the company added more than 35 MWp in 2015 and at the end of the year we provided full operations & maintenance to approximately 96.3 MWp. New contracts were added at the start of 2016, too. As a result, together with our highly specialised Inverter Cardio services for central PV inverters, we are currently servicing more than 150 MWp of PV power plants across Europe and Australia.

Photon Energy's O&M strategy is based on a combination of preventive maintenance and in-depth data analysis from its high-end monitoring platform. By analysing production results and technical data we can help to predict faults and subsequently avoid them with regular preventive maintenance, which in the end keeps costs low and yields high.

**PRAGUE, CZECH REPUBLIC**  
76 kWp

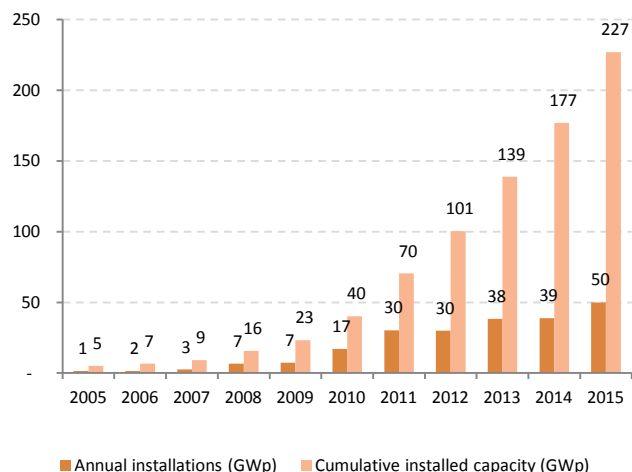
**2.**

## **Report of the Management**

## Market description and positioning

### Global market and regional trends in 2015<sup>1</sup>

#### Evolution of global annual and cumulative installed capacity 2005–2015 (GWp)



2015 was another strong year of development for photovoltaic installations. According to preliminary results published by IEA-PVPS in April 2016, almost **50 GWp of PV systems have been installed globally** (compared to 40 GWp in 2014, 38 GWp in 2013 and 30 GWp in 2012). The global PV cumulative installed capacity reached an impressive **227 GWp** at the end of the year, which represents a 28% increase compared to the year 2014.

GTM Research's estimates put the global solar market higher in 2015 at 34% growth during the year to 59 GWp.

#### Top 3 global countries in 2015 were

- **China** as the number one global market with around 15.2 GWp connected to the grid
- **Japan** as the second largest global market with around 11.0 GWp and
- The **USA** ranked as the number three with 7.3 GWp

#### Top 10 countries of year 2015 in GWp

| Cumulative installed capacity |  |           |      | Added Capacity in 2015 |  |           |      |
|-------------------------------|--|-----------|------|------------------------|--|-----------|------|
| 1                             |  | China     | 43.5 | 1                      |  | China     | 15.2 |
| 2                             |  | Germany   | 39.7 | 2                      |  | Japan     | 11.0 |
| 3                             |  | Japan     | 34.4 | 3                      |  | USA       | 7.3  |
| 4                             |  | USA       | 25.6 | 4                      |  | UK        | 3.5  |
| 5                             |  | Italy     | 18.9 | 5                      |  | India     | 2.0  |
| 6                             |  | UK        | 8.8  | 6                      |  | Germany   | 1.5  |
| 7                             |  | France    | 6.6  | 7                      |  | Korea     | 1.0  |
| 8                             |  | Spain     | 5.4  | 8                      |  | Australia | 0.9  |
| 9                             |  | Australia | 5.1  | 9                      |  | France    | 0.9  |
| 10                            |  | India     | 5.0  | 10                     |  | Canada    | 0.6  |

In 2015 Asia has confirmed its leadership over Europe for the third year in a row. The Asia-Pacific region, led by China and Japan, represented 60% of last year's global market. India is becoming one of the top five markets in 2015 with installations estimated at 2.0 GWp.

Thanks to a booming residential PV market and continued realisation of the utility sector's project pipeline, 2015 was the biggest year yet in the US solar history.

Now Europe represents less than 50% of the total installed capacity and this percentage shall continue decreasing in the coming years.

The relative slowdown of European PV markets originated from further intentional regulatory changes. In a number of European countries, harsh support reduction, retrospective measures and unplanned changes to regulatory frameworks that badly affect investors' confidence and PV investments viability have led to a significant market decrease.

<sup>1</sup> After International Energy Agency "2015 Snapshot of Global PV markets" April 2016

### Evolution of European markets in 2015

- The UK installed 3.5 GW in 2015, taking first place in the European market for the second year in a row (2.3 GWp installed in 2014). However, the government has announced a drastic reduction of FIT and is removing preliminary accreditation under the FIT scheme; these measures are expected to significantly affect the growth enjoyed in the UK over the past two years.
- Germany – the top European market in terms of installed capacity experienced another market decline to 1.5 GWp, down from 1.9 GWp in 2014.
- France was close to the gigawatt mark, and stable compared to 2014.
- Italy, as all markets where feed-in tariffs were phased-out, remained stable at a low level of 0.3 GWp.
- PV represents at least 3.5% of the electricity demand in Europe and 7% of the peak electricity demand.

### Evolution of the US market in 2015

- The US installed 7.3 GWp of solar PV in 2015, up 18% over 2014, to reach 27.4 GWp of total installed capacity, enough to power 5.4 million American homes.
- The extension of the solar Investment Tax Credit (ITC) has helped to fuel remarkable solar growth.
- GTM Research forecasts that 16 GWp of new PV installations will come on-line in 2016, up 120% over 2015 with Utility PV driving the majority of demand.
- GTM also predicts that the market will fall back to around 10 GWp in 2017, further to an anticipated drop-down of the ITC.

### Evolution of the Asian market in 2015

- With 15.2 GWp added in 2015, China has now reached 43.5 GWp of solar PV capacity. China has been the world's largest market for solar PV since 2013, with over 10 GWp installed in 2013 and 2014. The nation plans to install 150 GWp of solar PV by 2020 but is facing grid connections issues and delayed subsidies payments.
- First introduced in July 2012, Japan's compensation scheme has driven a dramatic rise in the number of PV installations. For the second time running, Japan was one of the world's leading nations, adding some 11.0 GWp of new solar PV capacity in 2015. The impending liberalization of the electricity market delivers more opportunities for solar growth.
- Following these two market leaders in Asia, the solar market in India is finally taking off. The government has raised the National Solar Mission's solar installations target from 22 GWp to 100 GWp by 2022.

### Evolution of the Australian market in 2015

- Australia confirmed its maturity and reached approx. 935 MWp growth in 2015 (compared to 900 MWp in 2014).
- Australia is the eighth largest market in the world, accounting for 1.9% of added capacity in 2015.
- Australia is one of the sunniest continents in the world. The majority of photovoltaic power plants are connected to the electricity network. However, there are numerous "off-grid" solar power plants, meaning that they are independent from the electricity network – particularly in remote Australian villages. It is estimated that the solar irradiation in Australia is approximately 10,000 times higher than the annual energy consumption. Solar irradiation is especially high in Central/North-Western Australia. However, these regions are not connected to the national electricity network.
- The Australian market is unique in the world being predominantly a residential small-scale market as a result of Government policy support that has favoured such systems. One in seven Australian households benefit from solar energy.
- The country has some of the highest penetration rates of residential solar: around 5 GWp of installed capacity with less than 300 MWp of it coming from utility-scale.
- While the RET ("Renewable Energy Target" scheme) has been cut, the CEFC ("Clean Energy Finance Corporation") and ARENA ("The Australian Renewable Energy Agency") have launched complementary programmes to support large scale PV. ARENA launched an AUD 100 million large-scale competitive round that is looking to develop solar projects larger than 5 MWp. The CEFC complemented this with an AUD 250 million round of loans of AUD 15 million or more for similar big PV projects.
- A study from SunWiz states that solar was the number one new power source in 2015, with 913 MW (935 MWp according to IEA-PVPS) of new solar capacity added across Australia in 2015. By comparison, wind energy did fairly well, installing 774 MWp of new capacity in 2015, while coal actually decommissioned 1,300 MWp of capacity during the year.

### Evolution of emerging markets in 2015

- Emerging markets continued to contribute to the global development in 2015, such as Chile (0.4 GW), Algeria (0.3 GW) or South Africa (0.2 GW).
- In the Americas, several countries adopted policies that could favour the development of PV in the coming years, especially Mexico, Brazil and Peru.

## Photon Energy's geographical presence

All in all, the Group commissioned nearly **50 MWp** of PV power plants across 5 countries and more than **150 MWp** of PV power plants under O&M management across two continents.

The Company's proprietary portfolio of power plants owned directly or indirectly by Photon Energy N.V. at the end of the reporting period i.e. as of 31 December 2015, consisted of 23 power plants, in the Czech Republic (15.0 MWp), Slovakia (10.4 MWp) and Australia (0.1 MWp) with a total installed capacity of 25.6 MWp.

Moreover, at the end of December 2015 the total O&M portfolio could be broken down geographically into 68.6 MWp operated in the Czech Republic, 21.4 MWp in Slovakia, 21.3 MWp in France, 15.0 MWp in Italy, 11.0 MWp in Romania, 9.4 MWp in Germany, 9.2 MWp in Belgium, 1.0 MWp in Bulgaria and 0.7 MWp in Australia with a total capacity of 157.6 MWp (+29% compared to one year ago).

### Czech Republic

The Czech Republic had a cumulative installed PV capacity of **2,080 MWp** at the end of December 2015 (vs 2,134 MWp at the end of December 2014), according to the latest data from the IEA PVPS report published in April 2016.

The proprietary portfolio of Photon Energy in the Czech Republic comprises 12 photovoltaic power plants. The portfolio mainly includes green-field installations, with a total installed output of approximately **15.0 MWp**. All projects (with one exception) were connected to the network/grid in November/December 2010. Photon Energy did not commission new capacities in 2015.

The ongoing consolidation of the Czech and Slovak PV markets means that the ownership of PV power plants will be less fragmented, enhancing the conditions for a renowned O&M provider such as our subsidiary Photon Energy Operations. When current O&M clients acquire new PV plants the chances are high that – based on their good experience with Photon Energy – they will entrust the Group with the operations and maintenance of new PV power plants.

The total **O&M portfolio** operated in the Czech Republic included **68.6 MWp** (vs 45.5 MWp in December 2014) of PV capacities managed for the proprietary portfolio and external clients (72.5 MWp as of the date of this report).

### Slovakia

According to the same report, Slovakia's additional capacity was inexistent in 2015, implying an unchanged cumulative capacity of **533 MWp** at the end of December 2015. The non-transparent FiT calculations and adjustments for three years have created a largely unattractive environment for PV investors in Slovakia.

Photon Energy Group currently owns shares in 11 SPVs in Slovakia with a total installed output of approximately **10.4 MWp**. Each SPV operates one photovoltaic power plant. Photon Energy did not commission new PV capacities in 2015.

## Overview of Photon energy's markets at the end of 2015

| in MWp         |                                                                                     | Proprietary portfolio | O&M Services |
|----------------|-------------------------------------------------------------------------------------|-----------------------|--------------|
| Czech Republic |  | 15.0                  | 68.6         |
| Slovakia       |  | 10.4                  | 21.4         |
| France         |  |                       | 21.3         |
| Italy          |  |                       | 15.0         |
| Romania        |  |                       | 11.0         |
| Germany        |  |                       | 9.4          |
| Belgium        |  |                       | 9.2          |
| Bulgaria       |  |                       | 1.0          |
| Australia      |  | 0.1                   | 0.7          |
| <b>Total</b>   |                                                                                     | <b>25.6</b>           | <b>157.6</b> |

The total **O&M portfolio** operated in Slovakia included **21.4 MWp** (vs 16.3 MWp in December 2014) of PV capacities managed for the proprietary portfolio and external clients.

### Italy

In Italy, 0.3 GWp were connected to the grid in 2015 (down from 0.4 GWp in 2014 and 1.6 GWp in 2013), which resulted in a cumulative installed PV capacity of 18.9 GWp (compared to 18.5 GWp in 2014). Due to the continuous adoption of unplanned FiT reduction and cancellations, and of other harmful measures against PV, many companies were driven out of business in Italy. Such an unpredictable environment has notably led the Group to sell its two rooftop photovoltaic power plants with a total capacity of **1,255 kWp** in 2015 Q2. The plants had been connected to the grid in November 2011 and June 2012, respectively.

The total O&M portfolio operated in Italy comprised **15.0 MWp** (vs 16.3 MWp in 2014) of serviced capacity. The Company seeks to develop its O&M activity on the Italian market as the country remains the second largest European PV market in terms of installed PV capacity.

### Germany

Formerly the top global market, the nation experienced a steep PV market decrease in 2015 originating from a series of cuts and changes to the nation's FIT under two successive coalition governments since 2013. 1.5 GWp were connected in Germany at the end of 2015 (down from 1.9 GWp in 2014 and from 3.3 GWp in 2013), which resulted in a cumulative installed PV capacity of 38.2 GWp.

In order to make a better use of its resources, the Group decided to sell its two small photovoltaic power plants based in Germany for a total capacity of 0.2 MWp (compared to a remaining portfolio of 25 MWp). Both projects (Brandenburg and Altentreptow) had been connected to the grid in Q1 2012.

In the wake of PV service providers going insolvent there is a large addressable market of PV power plants that need O&M services.

### Australia

At the end of December 2015 Australia had **5.07 GWp** of cumulative installed PV capacity (vs 4.13 MWp in 2014), implying an additional capacity of 0.94 MWp installed during the year.

The Company's proprietary portfolio comprised one rooftop photovoltaic power plant in Symonston with a total capacity of **144 kWp** built in April 2013.

In 2015, the Australian market remained our focus for the expansion of PV generation capacity. Photon Energy constructed a roof mounted photovoltaic installation in Sydney. The project, with a total capacity of 99 kWp was duly commissioned during the first week of May. The design has been optimised to ensure the target solar production for the building's NABERS rating, which is a national rating system measuring the environmental performance of Australian buildings, including among other things their energy efficiency and impact on the environment, reaping financial benefits for its tenants, the building owner and the community.

With the recent commissioning of two rooftop solar power plants totalling 348 kW as part of a general building reconstruction which started in August 2015 in the ACT, Photon Energy has demonstrated how integrating solar power into a commercial space can transform buildings and make them ready for the future. The power plants increase the overall value of the buildings. By integrating solar power into new commercial buildings, investors can achieve the highest possible NABERS ratings, making their projects attractive to a wider range of tenants.

The total O&M portfolio operated in Australia comprised **1.1 MWp** (vs 0.57 MWp in 2014) of PV plants managed for the proprietary portfolio and external client.

### Belgium

The total O&M portfolio operated in Belgium comprised **9.2 MWp** (vs 12.2 MWp in 2014) of PV plants managed for third parties. The Company is developing its O&M activity on the Belgian market as the country is currently the 6<sup>th</sup> largest European PV market in terms of installed PV capacity. The team

provides preventive maintenance services, called "Inverter Cardio". The name is based on the idea that a central inverter is the heart of a PV power plant and should be treated as carefully as a human heart. After the now bankrupt manufacturer Satcon (estimated capacity of 350 MWp of inverters installed across Europe), closed its operations, Photon Energy Operations secured both key personnel and access to spare parts. The Group is well positioned to offer cost-effective remote and on-site support, repair of faulty components and quick, diversified access to spare parts at competitive prices. In some countries like France or Germany the Group is holding a leading market position while in Belgium in particular, the Group is servicing all of the Satcon inverters ever installed (9.2 MWp).

### France

In 2015 Photon Energy Operations provided preventive maintenance in France on the base of contracts for Satcon central inverters at power plants worth **3 MWp**.

After big declines in 2012 and 2013 due to the restructuring of the compensation system, stable volumes over the last two years are a good sign for the country, where, according to the Ministère de l'Écologie et du Développement durable ("MEDDE" – Ministry for Ecology, Energy, Sustainable Planning and Development), another 559 MW of PV plants have signed interconnection agreements but have not yet been connected to the grid.

### Romania

In 2015 our subsidiary Photon Energy Operations expanded its O&M services to Romania by taking over the full monitoring, operations and maintenance for three power plants in the North-West of the country. The power plants have a total installed capacity of **11 MWp**.

In 2013, Romania installed more than 1 GWp of solar PV, putting the country into top tier players. The Romanian incentive programme was however stepped back in January 2014, significantly slowing down the development of PV projects. At the end of December 2015, Romania still had **1.33 GWp** of cumulative installed PV capacity, for which high-end Monitoring, Operations and Maintenance services will continue to gain importance for PV-plant owners.

## Competition

The market for PV downstream services solutions continues to become more competitive.

Photon Energy's competitive landscape for Engineering, Procurement and Construction ("EPC") business is comprised of specialists in the renewables sector (Juwí, Enerparc, SunEdison), companies focussing on EPC and O&M (Swinerton), and of vertically integrated firms such as First Solar.

As most companies started by gaining a foothold in their home market, smaller ones are more vulnerable to stagnation in their primary markets.

Data compiled by Wiki-Solar found that 16 of the top 30 utility-scale EPC contractors for solar in 2015 were European companies, making up the largest portion of solar PV capacity installed. Even though the rate of PV capacity installation in Europe decreased dramatically, the leading European contractors are still competitive and now active in emerging markets.

With the end or the reduction of incentives in some big markets, one of the main drivers for creating value in the PV sector is the improvement of operating efficiency in existing plants through **operations and maintenance**, an increasingly central activity for many operators in different markets.

A report from GTM Research and SoliChamba Consulting released in November 2015 states that the global market for utility-scale PV operations and maintenance (O&M) will grow to 390GW by 2020 — almost triple the estimated 133GW at the end of 2015.

The competitive landscape of the PV O&M market is country specific, with different firms leading in each of the top solar

markets. The latest Bloomberg New Energy Finance PV O&M Index 2015 reports BELECTRIC, with more than 1.3 GWp of PV capacity under service contracts, as the third largest O&M service provider worldwide after US companies First Solar and SunEdison.

The companies that offer O&M services are mostly: EPCs, Developers, electrical/inverter firms, vertically integrated solar firms, IPPs/utility companies and independent O&M providers.

The typical clients are solar system owners, ranging from private investors to large banks.

We believe that we are able to differentiate ourselves from these competitors by, among other things:

- Applying our more than 7 year experience to the development and delivery of products and professional services that enable our customers to overcome their challenges and achieve service differentiation by providing a personalised and intelligent customer experience, simplifying the complexity of the operating environment,
- Continuing to design and develop solution targeted specifically to the PV industry,
- Innovating and enabling our customers to adopt new business models that will improve their ability to drive new revenues, and compete and win in a changing market,
- Providing high-quality, scalable, reliable, integrated, yet modular services.

## Basic exposures and risks

### Operating & financial risks

**Legislative, regulatory and market risks:** The economic viability of energy production using PV installations (unless when selling directly to the consumer) depends on the incentive schemes introduced which include: Feed-in-Tariff (FiT) or green certificates, an obligation to purchase the total amount of energy originated from renewable sources, preferential loans, tax holidays or even non-repayable grants. However as those measures serve the purpose of meeting the goals set by politicians in terms of national targets of energy generation mix, as such they are subject to changes resulting from shifts in political interests.

The Company experienced the introduction of such an adverse law in the Czech Republic, where the Group still holds the majority of its operations. In 2010 and 2013, the government imposed a levy on PV plants' revenues for PV plants connected in 2009 and 2010, which significantly impacted the profitability of the business. This was also the case in Italy, where cuts to the feed-in-tariff and other retroactive measures have effectively

killed the Italian PV market in 2014 and led the Group to sell its two Italian plants in Q2 2015.

On the investment side the Company faces uncertainty in relation to the approval process for the construction of PV installations, grid connection and necessary permits. In particular, the Company must secure various licenses and permits to operate PV plants.

**Risks related to the Group's structure:** Because the Company conducts its business through its subsidiaries, its ability to pay dividends to shareholders depends on the earnings and cash flow of its subsidiaries and their ability to pay the Company dividends and to advance funds to it. Other contractual and legal restrictions applicable to the Company's subsidiaries could also limit its ability to obtain cash from them. The Company's right to participate in any distribution of its subsidiaries' assets upon their liquidation, reorganisation or insolvency would generally be subject to prior claims of the subsidiaries' creditors, including lenders and trade creditors.

**Risk related to personnel and property:** There will always be risks involved in the operation and installation of PV plants and the installation of PV systems for third parties. The build-up of these business areas is occurring simultaneously, thus posing high demands on management resources.

The operating risks relating to the development of PV projects and the installation and operation of PV systems include among others unexpected failure or damage to the PV panels and other technical equipment, theft or sabotage, or adverse weather conditions causing production interruptions and damage. The installation of PV systems on roofs involves specific risks such as damage to the roofs and higher wind-related stress.

**Risks related to key personnel:** The successful realisation of the business strategy and the Group's goals is significantly dependent on the knowledge, experience and contacts of the current management, especially that of the shareholders and members of the Board of Directors, Georg Hotar and Michael Gartner, who are responsible for the successful development of the Group on the basis of their knowledge of the industry and their expertise, as well as their customer contacts and strategic abilities. There is a risk that the dynamism of the commercial development will fall and/or that important know-how will be lost in the case of the resignation of either of the members of the Board of Directors. The loss of one or more managers could have a significantly adverse effect on the commercial activities and also on the asset value, financial standing and earning position of the Group.

**Environmental risk:** The business activity of the Group, particularly in the area of photovoltaic power plant construction, must comply with laws, regulations and directives valid in the location of the installation. These laws regulate e.g. emissions in the air, sewages, protection of soil and groundwater as well as health and security of people. Transgressions against these environmental provisions can be pursued according to civil, criminal and public law. Especially temporary provisions could encourage a third party to open a process or – given the circumstances – to demand costly measures to control and remove environmental pollution or to upgrade technical facilities. The properties necessary for photovoltaic power plants are partially owned by the respective SPV. It cannot be ruled out that these are contaminated sites. For removing these, the respective SPV may be responsible, regardless of the cause. This could result in liability risks and material costs in the context of administrative orders or requirements.

All the mentioned circumstances can have a negative impact on the financial situation, status and results of the individual SPVs and the Group.

**Risks related to simultaneous application of Dutch and Polish law:** Two legal systems – Dutch and Polish – may, from time to time, apply to the various legal processes related to the activities of the Company and/or to its Shares. Additional legal and/or operational risks may be connected to this situation. Because of the legal complexity and uncertainty involved, the

Company's management may be currently unaware of certain legal and/or operational risks.

**Construction and performance risk:** A PV installation is based on several technical components, namely the solar panels converting sunlight into electricity, cabling, converters converting DC into AC, transformers and grid connection devices. There is always risk associated with the construction and installation of PV installations. Despite efforts made to reduce such risks, there can be no assurances that delays and cost overruns will not occur. Furthermore, the Company is partly dependent upon the ability of sub-contractors to install PV systems that meet specifications, performance parameters, quality standards and delivery schedules of the Company.

**Risk related to the technology:** The technology involved in the production of electricity using PV is characterized by rapid fundamental developments. Currently the Company does not own any patents for the technology used in relation to PV technologies. However, the development of new technology may fundamentally change the economics of electricity production plants using PV technology. For various reasons the Company may not gain access to this new technology, which may put it at a significant disadvantage to its competitors.

**Contractual risks:** The Company's business depends on contracts with multiple parties including, but not limited to, land owners, banks, investors, suppliers, contractors, energy utilities and electricity customers. Each contract normally involves a substantial value or consideration to the Company. Furthermore, some of the contracts are governed by foreign law, which may create both legal and practical difficulties in case of a dispute or conflict.

**Risk related to the expansion:** The Group focuses currently on the market in Australia. However, there is a risk that the market entry in new countries will fail or that it will not happen in the intended time period or not in the intended intensity. It is also not ensured, whether in each case new markets will be open to the building of photovoltaic power plants as assumed in the strategy as the development of the photovoltaic business can be influenced unfavourably by plenty of factors, for example by general political, economic, infrastructural, legal and fiscal framework conditions, by unexpected changes of political and regulatory conditions and tariffs, recession, limited protection of intellectual property, problems with staffing and managing of positions in foreign affiliated companies or state subsidies to rival companies. Start-up losses can also be one of the results of entering a new market. All of the aforementioned factors could have a negative impact on the development of the business activity and also on the asset value, financial standing and earnings position of the Group.

**Uninsured losses:** The development and the operation of PV installations are subject to a number of risks and hazards, including adverse environmental conditions, theft, technical failure, changes in the regulatory environment and natural phenomena such as inclement weather conditions. Although Photon Energy maintains some insurance to protect against

certain of these risks, the Company's insurance will not cover all the potential risks associated with the development and operation of PV installations.

**Liquidity risks:** The Company is dependent upon having access to short- and long term funding mainly in the form of project financing. There is a risk that the Group will not be able to arrange such project financing and/or that the credit market tightens or completely dries out for the PV industry, which would have an adverse effect on the liquidity of the Group and costs of debt financing in the short term as well as growth prospects in the long term. There can be no assurance that the Group may not experience net cash flow shortfalls exceeding the Group's available funding sources. Furthermore, there can be no assurance that the Company or its subsidiaries will be able to raise new equity, or arrange new borrowing facilities, on favourable terms and in amounts necessary to conduct its ongoing and future operations, should this be required. During the year 2014, the group managed to renegotiate the financing of its Czech & Slovak portfolios, and has therefore limited its exposure to liquidity risk.

**Credit risk:** Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers, including the electricity distributors.

**Currency risk:** The Group is exposed to a currency risk on sales, purchases and borrowings that are denominated in a currency other than the respective functional currencies of Group entities. The transactions of the Group entities are denominated in CZK, EUR and AUD. Although mainly the CZK/EUR exchange rate experienced wide fluctuations in 2013, the Group is, typically, able to collect prepayments from its customers at the time of committing itself to purchases from third parties and thus to a large extent to mitigate currency risk. There is no financial hedging used by the company against the currency risk. Company's management does not formally monitor the FX positions.

**Interest rate risks:** The Company's results are highly dependent on interest rates as a high proportion of project capital expenditure is debt financed. A substantial increase in interest rates may have a material negative impact on the project equity returns and thus profitability of the Company and returns to shareholders.

**Indebtness risk:** The Group is burdened by high level of leverage as the business model assumes financing of individual projects in the model of 80/20 debt-to-equity ratio. A significant amount of debt outstanding, results in growing financial costs which expose the Group to a risk of insufficient cash flow to service the debt payments and hence the liquidity risk. Thanks to the restructuring of its debt in the year 2014, the company has significantly improved its leverage ratios and limited its exposure to risk.

## Political, economic and other uncertainties

Changes in the regulatory, legislative and fiscal framework (including tax rules) governing the production of energy using PV installations could have a material impact on the Group's operations.

The largest uncertainty factor in the photovoltaic industry is still the regulatory framework, especially in the Eurozone states, where a large number of photovoltaic power plants have so far been built on the basis of state managed support systems (feed-in-tariffs or green certificates). The rapid growth in those markets in recent years has been largely based on regulatory framework conditions and subsidies. Without state managed subsidy programmes photovoltaic would not yet be competitive, especially in comparison with the use of conventional energy sources. Therefore, the commercial operations of the Group are influenced by the continuation of the state managed subsidy programmes for photovoltaics.

Risks especially arise from new legal regulations, which can exercise a significant influence on the demand for electricity generated from photovoltaics in the individual countries. For example, the state managed subsidy programme concerning the buyback price (feed-in-tariff) is guaranteed for a fixed period in the countries which follow this concept. The rate of remuneration depends on the country or on the valid buyback price as of the moment of the grid connection or according to the permit. The starting dates for the application of any new legal regulations are therefore of special significance. If new projects are subject to extraordinary delays, which make the grid connection possible only after such a starting date, whereby the facility's profitability was originally calculated on the basis of the previously valid buyback price, this can adversely affect the profitability of the facility in question and could result in the revenues being lower than planned or even non-existent. Moreover, it cannot be ruled out that the low income from electricity production will no longer suffice to cover the ongoing costs, in particular the financing costs, so that the Group could be forced to cover the resulting difference or to sell off the photovoltaic facility at a price below the acquisition price.

The buyback price and the subsidies for facilities which are already connected to the grid are fundamentally unaffected by new regulations. However, changes can come into effect at very short notice without any ongoing protection for investments which have already been made. It is possible that the state managed subsidies for renewable energy in general or for photovoltaics specifically in all markets will be reviewed in the courts and as such will be regarded as being against the law or reduced or abolished for some other reason. Issued consent could be revoked or the realisation of planned legislation aimed at supporting photovoltaic power may not be implemented. In addition, the introduction of changes to the state managed subsidy programmes with retroactive effect cannot be fully ruled out.

Therefore, the given regulatory framework cannot be taken for granted and temporary adjustments in the incentives schemes and national targets can be introduced ad-hoc, reflecting short-term fiscal needs of changes in the economic situation of the country. Such changes in the regulatory framework may have a material, adverse effect on the profitability of existing projects and future growth opportunities hence should be taken into consideration while assessing the risk of PV business.

Moreover, companies operating internationally are also subject to various risks including risks of war, terrorist activities, political, civil or labour disturbances and embargoes. The Company currently operates in several European Union member countries including: Czech Republic, Slovakia, Germany and Italy

## Risk policy

Minimising risks is one of the key elements of our strategy. Given our impressive track record in the PV industry we have identified some key risks and are taking appropriate measures to avoid them wherever we can.

Following retroactive measures introduced in several European countries against PV investors, Photon Energy NV took several steps to fight the risk of **legislative and regulatory risks**. Firstly, Photon Energy, together with local and international PV industry associations, is lobbying for a stable legislative framework for solar PV in Europe. Photon Energy is serving as a Best Practice Case for the media in countries, where retroactive measures have been introduced, such as the Czech Republic. At the same time Photon Energy is active in lobbying for a stable business environment at a European level. In late 2015, for example, Photon Energy was part of two delegations to the European Commission in Brussels, together with the EU-wide industry association Solar Power Europe.

Secondly, Photon Energy NV is very clear in its current strategy that for the future it will avoid government-controlled feed-in-tariff schemes where possible and aim to concentrate on providing solar power solutions for other businesses or end users. At the same time we are focussing our solar solutions business activities (building new power plants) in countries and regions where solar power is compatible with energy from the grid.

In addition to this Photon Energy has set up Global Investment Protection to safeguard existing PV installations against further retroactive measures.

as well as one non-EU country – Australia. Among those we can distinguish between developed economies such as Germany and Australia with relatively stable political systems economic policies. However, most of the Group's operations are still held in Central and Eastern European countries which are still perceived as emerging economies and hence may represent risks that are not encountered in countries with well-established economic and political systems. In addition, the legal and regulatory systems of the emerging European markets identified above may be less developed and less well enforced than in more developed countries. The Company's ability to protect contractual and other legal rights in those regions may thus be limited compared to regions with more well established markets.

In terms of **risks relating to property and technology**, we are glad to say that Photon Energy's power plants are serviced and maintained by our subsidiary Photon Energy Operations NV, which applies rigorous standards in terms of preventive maintenance and security protocol. We apply the same standards to our own power plants as we do for external customers. Thanks to our extremely high standards our power plants run at a very high uptime percentage and we are able to minimise revenue loss thanks to data analysis from our production monitoring, as well as regular and thorough technical check-ups of our power plants. Given our long track record of installing and operating PV installations our key technical personnel have wide ranging experiences when dealing with construction and performance risks.

Through our subsidiary Photon Energy Technology CEE s.r.o, which deals in trading of PV technology, we are always up-to-speed with developments in the solar PV industry and we are continuously communicating with leading PV technology manufacturers.

Part of our strategy is also **minimising geographical risk**. We take extreme care when evaluating new potential PV markets. In the past, we have been witnesses to rapid growth in solar PV markets (Romania, Ukraine), where Photon Energy saw too high a risk and was proven right. Photon Energy has always been cautious in our approach and in adhering to our strategy we aim to be active in markets where solar PV has already achieved grid-parity.

## Subsequent events which had material impact on the Group's business

### Bank refinancing

On 30 December 2015, the Group signed a contract with the bank on the refinancing of the Czech portfolio in the total amount of EUR 1,480 thousand. The actual flow of money was realized only in January 2016.

Repayment date is 1 January 2022 and the interest rate is 3M PRIBOR + 2,7% p.a.

### Sale of Photon Energy Operations DE GmbH

On 7 January 2016, the Company signed an agreement on the sale of its shares in Photon Energy Operations DE GmbH to a German investor. Photon Energy has closed its office in Berlin at the end of January 2016 and will continue servicing the German market and customers from its base in Prague.

## Future plans

We intend to grow our business in Australia and our O&M services in Europe in 2016, followed by a selective and targeted expansion into other markets with some of our business lines such as PV monitoring, inverter cardio and off-grid energy

solutions. Our outlook is global and we intend to grow with the solar energy and energy management industries. See presentation of the detailed strategy in the Directors' report.

## Financial ratios

Selected financial ratios for consolidated performance are presented below.

| Financial Ratios – Consolidated                                       | 2013         | 2014        | 2015        |
|-----------------------------------------------------------------------|--------------|-------------|-------------|
| <b>Profitability</b>                                                  |              |             |             |
| Net Profit / Revenues                                                 | -36%         | -43%        | -13%        |
| Return on Equity (Net profit / Total equity)                          | -19%         | -18%        | -6%         |
| <b>Return on Assets (Net profit / Total assets)</b>                   | <b>-6%</b>   | <b>-5%</b>  | <b>-2%</b>  |
| <b>Liquidity</b>                                                      |              |             |             |
| Quick ratio ((Cash + Account receivables)/ Current liabilities)       | 0.63         | 0.88        | 1.06        |
| <b>Current ratio (Current Assets / Current liabilities)</b>           | <b>0.73</b>  | <b>1.07</b> | <b>1.25</b> |
| <b>Working Capital</b>                                                |              |             |             |
| Net Working Capital (Current assets - Current liabilities)            | -3,608       | 646         | 2,188       |
| <b>Net Working Capital / Total Assets</b>                             | <b>-0.04</b> | <b>0.01</b> | <b>0.02</b> |
| <b>Indebtness</b>                                                     |              |             |             |
| Debt ratio (Total Debt / Total Assets)                                | 0.62         | 0.70        | 0.68        |
| <b>Debt / Equity Ratio (Total liabilities / Stockholders' Equity)</b> | <b>2.41</b>  | <b>2.33</b> | <b>2.15</b> |

## Authorised Advisors remuneration

It was agreed with the Authorised Advisor not to disclose the amount of remuneration.

## Statutory Auditor remuneration

Total remuneration of the Company's auditor Grant Thornton Accountants en Adviseurs B.V. in the year 2015 amounted to EUR 99,000 and included fees for a full-year review of 2015 financial statements.

## Total Board of Directors remuneration

The remuneration of the Board of Directors is subject to confidentiality.

## NewConnect's Best Practices applied and not applied in 2015

The Company's goal is to follow fully the corporate governance rules as formatted in the Best Practises of NewConnect Listed Companies. The Code of Best Practises accommodates opinions

of market participants as well as European trends and highest communication standards applicable to companies listed in alternative trading systems in Europe.

According to the NewConnect requirements we provide the list of Best Practises applied and not applied in 2015 by our Company:

| No.  | Rule                                                                                                                                                                                                                                                                                                                                              | Comments                                                                                                                                                                                                                                 |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | A company should pursue a transparent and effective information policy using both traditional methods and modern technologies and state-of the-art communication tools ensuring fast, secure, broad and interactive access to information.                                                                                                        | Applied                                                                                                                                                                                                                                  |
|      | Using such methods to the broadest extent possible, a company should ensure adequate communication with investors and analysts using for this purpose also modern methods of Internet communication, enable on-line broadcasts of General Meetings over the Internet, record General Meetings, and publish the recordings on the company website. | Not applied due to high costs – the Company provides investors with appropriate access to information on the organisation and conduct of the General Meeting by publishing relevant EBI and ESPI reports and information on its website. |
| 2    | A company should ensure effective access to information necessary to assess the company's situation and outlook as well as its operations.                                                                                                                                                                                                        | Applied                                                                                                                                                                                                                                  |
| 3    | A company should maintain a corporate website and publish:                                                                                                                                                                                                                                                                                        | Applied                                                                                                                                                                                                                                  |
| 3.1. | Basic information about the company and its business (home page);                                                                                                                                                                                                                                                                                 | Applied                                                                                                                                                                                                                                  |
| 3.2. | Description of the issuer's business including indication of the issuer's business segment generating the highest revenue;                                                                                                                                                                                                                        | Applied                                                                                                                                                                                                                                  |
| 3.3  | Description of the issuer's market including indication of the issuer's market position;                                                                                                                                                                                                                                                          | Applied                                                                                                                                                                                                                                  |
| 3.4. | Professional CVs of the members of the company's governing bodies;                                                                                                                                                                                                                                                                                | Applied                                                                                                                                                                                                                                  |
| 3.5. | Information known to the Management Board based on a statement by a member of the Supervisory Board on any relationship of a member of the Supervisory Board with a shareholder who holds shares representing not less than 5% of all votes at the company's General Meeting;                                                                     | Not applied – there is no Supervisory Board.                                                                                                                                                                                             |
| 3.6. | Corporate documents of the company: Statute, excerpt from the registry;                                                                                                                                                                                                                                                                           | Applied                                                                                                                                                                                                                                  |
| 3.7. | Outline of the company's strategic plans;                                                                                                                                                                                                                                                                                                         | Applied                                                                                                                                                                                                                                  |
| 3.8. | Published financial targets for the current financial year including their assumptions and adjustments of such targets (if targets are published by the issuer);                                                                                                                                                                                  | Not applied – the Company does not intend to publish financial forecasts due to the dynamic phase of development of the market in which the Company operates and in view of the fact                                                     |

| No.   | Rule                                                                                                                                                                                                                                                                                                                      | Comments                                                                                                                                                                            |
|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|       |                                                                                                                                                                                                                                                                                                                           | that the Company is currently building up its position in this market. For this reason, the publication of any financial forecast is subject to very high level of uncertainty.     |
| 3.9.  | Shareholder structure, with indication of the main shareholders and the free float shares;                                                                                                                                                                                                                                | Applied                                                                                                                                                                             |
| 3.10. | Contact details to the person responsible for investor relations and contacts with media;                                                                                                                                                                                                                                 | Applied                                                                                                                                                                             |
| 3.11. | Published current and periodic reports;                                                                                                                                                                                                                                                                                   | Applied                                                                                                                                                                             |
| 3.12. | Dates of planned publication of periodic financial reports, GA, meetings with investors and analysts and press conferences;                                                                                                                                                                                               | Applied                                                                                                                                                                             |
| 3.13. | Information on corporate events such as payment of the dividend, or other events leading to the acquisition or limitation of rights of a shareholder, including the deadlines and principles of such operations. Such information should be published within a timeframe enabling investors to make investment decisions; | Applied                                                                                                                                                                             |
| 3.14. | Shareholders' questions on issues on the agenda submitted before and during a General Meeting together with answers to those questions;                                                                                                                                                                                   | Applied                                                                                                                                                                             |
| 3.15. | Information on the reasons for cancellation of the General Meeting, changes to the date or agenda, together with the reasons;                                                                                                                                                                                             | Applied                                                                                                                                                                             |
| 3.16. | Information about the break in the proceedings of the General Meeting together with the reasons;                                                                                                                                                                                                                          | Applied                                                                                                                                                                             |
| 3.17. | Information about the entity which signed an Authorised Adviser Service Agreement with the company, including the name, the website address, telephone numbers and e-mail addresses of the Adviser;                                                                                                                       | Applied                                                                                                                                                                             |
| 3.18. | Information about the entity acting as animator of the issuer's shares;                                                                                                                                                                                                                                                   | Applied                                                                                                                                                                             |
| 3.19. | Information document (issue prospectus) of the company published within the last 12 months;                                                                                                                                                                                                                               | Applied                                                                                                                                                                             |
| 4     | A company should publish its corporate website in Polish or in English, at the issuer's discretion. Current and periodic reports should be published on the website in the same language in which they are published according to regulations applicable to the issuer.                                                   | Applied                                                                                                                                                                             |
| 5     | A company should pursue an information policy with a particular emphasis on the needs of individual investors. For this purpose, in addition to its corporate website, the company should use its individual investor relations section on the website <a href="http://www.gpwinfostrefa.pl">www.gpwinfostrefa.pl</a> .   | Not applied – on its website the Company provides a separate investor relations section that provides individual investors with access to sufficient information about the Company. |
| 6     | An issuer should maintain on-going contacts with representatives of the Authorised Adviser in order to enable it to properly perform its obligations towards the issuer. The company should appoint a person responsible for contacts with the Authorised Adviser.                                                        | Applied                                                                                                                                                                             |
| 7     | If an event occurs in the company, which, in the opinion of the issuer, has material significance to the performance of obligations by the Authorised Adviser, the issuer should immediately inform the Authorised Adviser thereof.                                                                                       | Applied                                                                                                                                                                             |
| 8     | An issuer should give the Authorised Adviser access to all documents and information necessary to perform the obligations of an Authorised Adviser.                                                                                                                                                                       | Applied                                                                                                                                                                             |
| 9     | In the annual report the issuer should publish:                                                                                                                                                                                                                                                                           |                                                                                                                                                                                     |
| 9.1   | Information about the total amount of remuneration of all members of the Management Board and the Supervisory Board;                                                                                                                                                                                                      | Applied (not applied in 2014 after the publication of EBI report 11/2014)                                                                                                           |
|       |                                                                                                                                                                                                                                                                                                                           | There is no Supervisory Board                                                                                                                                                       |
| 9.2   | Information about the fee paid by the issuer to the Authorised Advisor in respect of all services provided to the issuer;                                                                                                                                                                                                 | Not applied – The remuneration of the Authorised Adviser is subject to confidentiality and cannot be disclosed without the consent of both parties. The Parties have chosen not to  |

| No.  | Rule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Comments                                                                                                                                                                                                              |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | disclose this information in order to protect their own interests.                                                                                                                                                    |
| 10   | Members of the Management Board and the Supervisory Board who can answer questions asked at the General Meeting should attend a General Meeting.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Applied                                                                                                                                                                                                               |
|      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | There is no Supervisory Board.                                                                                                                                                                                        |
| 11   | An issuer in co-operation with the Authorised Adviser should organize meetings with investors, analysts and the media open to the public at least 2 times per year.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Applied. The Company has ruled out the organisation of two online chats with investors during the year – a first one was organised in Feb 2015, and a second one in Nov 2015 – these meetings are open to the public. |
| 12   | A resolution of the General Meeting concerning an issue of shares with subscription rights should specify the issue price or the mechanism of setting it or obligate the competent body to set it before the date of subscription rights within a timeframe enabling an investment decision.                                                                                                                                                                                                                                                                                                                                                                                  | Applied                                                                                                                                                                                                               |
| 13   | Resolutions of the General Meeting should allow for a sufficient period of time between decisions causing specific corporate events and the date of setting the rights of shareholders pursuant to such events.                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Applied                                                                                                                                                                                                               |
| 13a. | If the Management Board of an issuer is notified by a shareholder who holds at least a half of the share capital or at least a half of all votes in the company that the issuer has summoned an extraordinary General Meeting pursuant to Article 399 § 3 of the Code of Commercial Partnerships and Companies, the Management Board of the issuer shall immediately perform actions it is obliged to take in organising and conducting a General Meeting. This principle shall also apply where the registration court authorises shareholders to summon an extraordinary General Meeting pursuant to Article 400 § 3 of the Code of Commercial Partnerships and Companies.” | Applied                                                                                                                                                                                                               |
| 14   | The date of setting the right to dividend and the date of dividend payment should be set so to ensure the shortest possible period between them, in each case not longer than 15 business days. A longer period between these dates requires detailed grounds.                                                                                                                                                                                                                                                                                                                                                                                                                | Applied                                                                                                                                                                                                               |
| 15   | A resolution of the General Meeting concerning a conditional dividend payment may only contain such conditions whose potential fulfilment must take place before the date of setting the right to dividend.                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Applied                                                                                                                                                                                                               |
| 16   | An issuer should publish monthly reports within 14 days after the end of each month. Monthly reports should include at least the following:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Applied                                                                                                                                                                                                               |
|      | - information on trends and events occurring in the issuer’s market environment which, in the opinion of the issuer, could in future have significant effects to the financial standing and the financial results of the issuer;                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                       |
|      | - list of all information published by the issuer in the form of current reports in the reporting period;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                       |
|      | - information about achievement of the goals of an issue if they were achieved at least partly in the reporting period;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                       |
|      | - dates important to investors including events planned in the coming month concerning the issuer and important from the perspective of investor rights, including in particular dates of publication of periodic reports, planned General Meetings, opening of subscriptions, meetings with investors or analysts and expected dates of publication of analytical reports.                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                       |
| 16a. | If an issuer is in breach of the reporting obligation set out in Exhibit 3 to the Alternative Trading System Rules (“Current and Periodical Information in the Alternative Trading System on the NewConnect Market”), the issuer shall immediately publish information explaining the situation pursuant to the procedure applicable to providing current reports on the NewConnect market.”                                                                                                                                                                                                                                                                                  | Applied                                                                                                                                                                                                               |

\* Announced in the Statement of the Management Board of Photon Energy N.V. on the use of the Company’s corporate governance rules set by the “Good Practices of Companies Listed on NewConnect”

## Summary of information disseminated

Below is a summary of the key events which were important for the Issuer's business from 1 January until 31 December 2015 and which were reported in the EBI system:

- **EBI 01/2015** published on 14 January 2015: Monthly report for December 2014
- **EBI 02/2015** published on 02 February 2015: Photon Energy announces the streamlining of its Operations & Maintenance division's activities in Italy.
- **EBI 03/2015** published on 10 February 2015: Q & A Chat to be held in collaboration with Polish retail investors association SII on Wednesday, the 18th of February 2015 at 11:00am.
- **EBI 04/2015** published on 13 February 2015: Monthly report for January 2015.
- **EBI 05/2015** published on 16 February 2015: Quarterly report for Q4 2014.
- **EBI 06/2015** published on 16 February 2015: Photon Energy signs O&M contracts for 13.5 MWp in the Czech Republic.
- **EBI 07/2015** published on 13 March 2015: Monthly report for February 2015.
- **EBI 08/2015** published on 17 March 2015: Photon Energy will participate in the Small & Midcap conference, which will be held on 26 March 2015 in Warsaw.
- **EBI 09/2015** published on 18 March 2015: Photon Energy signs O&M contracts for 3.2 MWp in Slovakia.
- **EBI 10/2015** published on 14 April 2015: Monthly report for March 2015.
- **EBI 11/2015** published on 14 April 2015: Supplement to report nr 10/2015 – Monthly report for March 2015.
- **EBI 12/2015** published on 8 May 2015: Photon Energy sells its two Italian power plants in reaction to retroactive cuts by Italian government.
- **EBI 13/2015** published on 14 May 2015: Photon Energy will participate in the Wall Street conference in Karpacz (Poland) on 29 May.
- **EBI 14/2015** published on 14 May 2015: Monthly report for April 2015.
- **EBI 15/2015** published on 15 May 2015: Quarterly report for Q1 2015.
- **EBI 16/2015** published on 20 May 2015: Annual report for the year 2014.
- **EBI 17/2015** published on 20 May 2015: Convocation of the Annual General Meeting of Shareholders on 30 June 2015.
- **EBI 18/2015** published on 20 May 2015: The draft of resolutions of AGM on 30 June 2015.
- **EBI 19/2015** published on 26 May 2015: Photon Energy's CEO Georg Hotar interviewed in Polish e-magazine „Akcjonariusz“.
- **EBI 20/2015** published on 12 June 2015: Monthly report for May 2015.
- **EBI 21/2015** published on 18 June 2015: Photon Energy develops and sells a 347 KWp project in Australia.
- **EBI 22/2015** published on 30 June 2015: The Minutes of the AGM of shareholders held on 30 June 2015.
- **EBI 23/2015** published on 14 July 2015: Monthly report for June 2015.
- **EBI 24/2015** published on 21 July 2015: PHOTON ENERGY N.V. Photon Energy expands to Romania with 11 MWp new O&M contracts.
- **EBI 25/2015** published on 13 August 2015: Monthly report for July 2015.
- **EBI 26/2015** published on 14 August 2015: Quarterly report for 2015 Q2.
- **EBI 27/2015** published on 28 August 2015: Photon Energy sells two German plants.
- **EBI 28/2015** published on 14 September 2015: Monthly report for August 2015.
- **EBI 29/2015** published on 9 October 2015: Q & A Chat to be held in collaboration with Polish retail investors association SII on Wednesday, the 18th of November 2015 at 11:00am.
- **EBI 30/2015** published on 13 October 2015: Monthly report for September 2015.
- **EBI 31/2015** published on 13 November 2015: Monthly report for October 2015.
- **EBI 32/2015** published on 16 November 2015: Quarterly report for 2015 Q3.
- **EBI 33/2015** published on 14 December 2015: Monthly report for October 2015.
- **EBI 34/2015** published on 17 December 2015: Publication dates of periodic reports in 2016.
- **EBI 35/2015** published on 22 December 2015: Photon Energy signs O&M contracts for 4.9 MWp in the Czech Republic.
- **EBI 36/2015** published on 30 December 2015: Amendments to financing facility agreements.

**Below is a summary of the key events which were important for the Issuer's business after 31 December 2015 until the date of this report:**

- **EBI 01/2016** published on 7 January 2016: Photon Energy sells its shares in Photon Energy Operations DE GmbH.
- **EBI 02/2016** published on 13 January 2016: Monthly report for December 2015.
- **EBI 03/2016** published on 12 February 2016: Quarterly report for 2015 Q4.
- **EBI 04/2016** published on 15 February 2016: Monthly report for January 2016.
- **EBI 05/2016** published on 25 February 2016: Photon Energy signs O&M contract for 3.9 MWp in the Czech Republic.
- **EBI 06/2016** published on 10 March 2016: Monthly report for February 2016.
- **EBI 07/2016** published on 12 April 2016: Monthly report for March 2016.
- **EBI 08/2016** published on 13 April 2016: Change in publication dates of periodic reports in 2016.
- **EBI 09/2016** published on 13 April 2016: Q & A Chat to be held in collaboration with Polish retail investors association SII on Thursday, the 28th of April 2016 at 11:00am.

## **Investor relations contact**

Emeline Parry, Investor relations manager

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E-mail: [ir@photonenergy.com](mailto:ir@photonenergy.com)

## Statement of relations

### Statement on relations between the Issuer, its managing and supervising persons and its shareholders owning more than 5% of the Company's shares

No Supervisory Board was established.

According to the knowledge of the Board of Directors following relations existed between the Issuer, its managing and supervising persons and its shareholders owning more than 5% of the Company's shares:

| Shareholdership as of 26.04.2016           | No. of shares     | % of capital   | No. of votes at the Shareholders Meeting | % of votes at the Shareholders Meeting |
|--------------------------------------------|-------------------|----------------|------------------------------------------|----------------------------------------|
| Solar Age Investments B.V.                 | 28,263,974        | 47.11%         | 28,263,974                               | 55.29%                                 |
| Solar Future Cooperatief U.A.              | 8,590,683         | 14.32%         | 8,590,683                                | 16.80%                                 |
| Solar Power to the People Cooperatief U.A. | 8,051,919         | 13.42%         | 8,051,919                                | 15.75%                                 |
| Photon Energy N.V.                         | 8,878,296         | 14.80%         | 0                                        | 0.00%                                  |
| Free float                                 | 6,215,128         | 10.36%         | 6,215,128                                | 12.16%                                 |
| <b>Total</b>                               | <b>60,000,000</b> | <b>100.00%</b> | <b>51,121,704</b>                        | <b>100.00%</b>                         |

- Mr. Michael Gartner and Mr. Georg Hotar are the only members of the Company's Board of Directors.
- Mr. Michael Gartner indirectly owns 40.8% of votes at the Shareholders Meeting, via co-operative Solar Future Coöperatief U.A., Mr. Georg Hotar indirectly owns 38.2% of votes at the Shareholders Meeting, via co-operative Solar Power to the People Coöperatief U.A. and Mr. Ctibor Plachy indirectly owns 8.8% of votes at the Shareholders Meeting via both co-operatives.
- Solar Age Investments B.V., which owns 28,263,974 shares representing 55.29% of votes at the Shareholders Meeting and 47.11% of the Company's share capital, is 100% owned by Solar Future Coöperatief U.A. and Solar Power to the People Coöperatief U.A., controlled by Mr. Michael Gartner and Mr. Georg Hotar respectively. Mr. Georg Hotar is the only Director of Solar Age Investments B.V.

## Implementation of innovative activities in the Company in 2015

### Fire safety at solar power plants

In the Czech Republic Photon Energy has lead a team of experts from the Czech Technical University, the Solar Industry Association, the Center for Energy Efficient Buildings and the Czech Fire

Brigade to raise awareness about fire safety at solar power plants. As a first result in early 2016 we published a joint brochure about fire prevention when building and operating rooftop power plants.

## Material off-balance sheet items

The Group did not have any material off-balance sheet items in the year 2015.

## Further information

For more information about:

- a) characteristics of the structure of assets and liabilities of the consolidated balance sheet, also from perspective of the liquidity of the Issuer's group and

- b) description of the structure of main equity deposits or main capital investments made within the Issuer's group during the financial year,

Please refer to Chapter 3 – Financial section and the Company's audit.

## Board of Directors' statements

### **Board of Directors' statement concerning reliability of prepared financial statement for the year 2015 and report on the Company's activity**

The Board of Directors declares that according to their best knowledge the audited consolidated IFRS financial statements, which were derived from local financial statements, were prepared in accordance with International Financial and



Michael Gartner  
Director

Reporting Standards and further declares that they present a true and fair view of the Company's property and financial situation and its financial result as of the date of the publication of this report and that the report on the Report of the Management presents a fair view of the Issuer's situation, including a description of basic exposures and risks.



Georg Hotar  
Director

### **Board of Directors' statement concerning the entity entitled to audit the annual financial statement for the year 2015**

The Board of Directors' declares that the entity authorised to audit financial statements which audited annual consolidated



Michael Gartner  
Director

financial statements was selected in accordance with legal regulations and that such entity and certified auditors who audited these statements met conditions to express their impartial and independent opinion on the audit, in accordance with relevant regulations of local law.



Georg Hotar  
Director

# NO MORE FLYING BLIND THANKS TO PHOTON ENERGY



Production monitoring is the Alpha and Omega of PV plant operations. Without knowing how your power plants perform, you are flying blind. For owners of power plants with central PV inverters, monitoring is in most cases insufficient, as it only collects data from inverters and not from separate strings.

This is why Photon Energy has developed a highly accurate and cost-effective string monitoring solution for PV power plants with central inverters. Thanks to our “String Monitoring Unit” (SMU), investors can now monitor their power plants down to the string level, quickly detect outages and bring down costs.

Our SMU is compatible with a wide range of brands of PV inverters and thanks to its wireless design it is extremely easy and cheap to install. The hardware is made in Europe and has been tested on our own power plants.

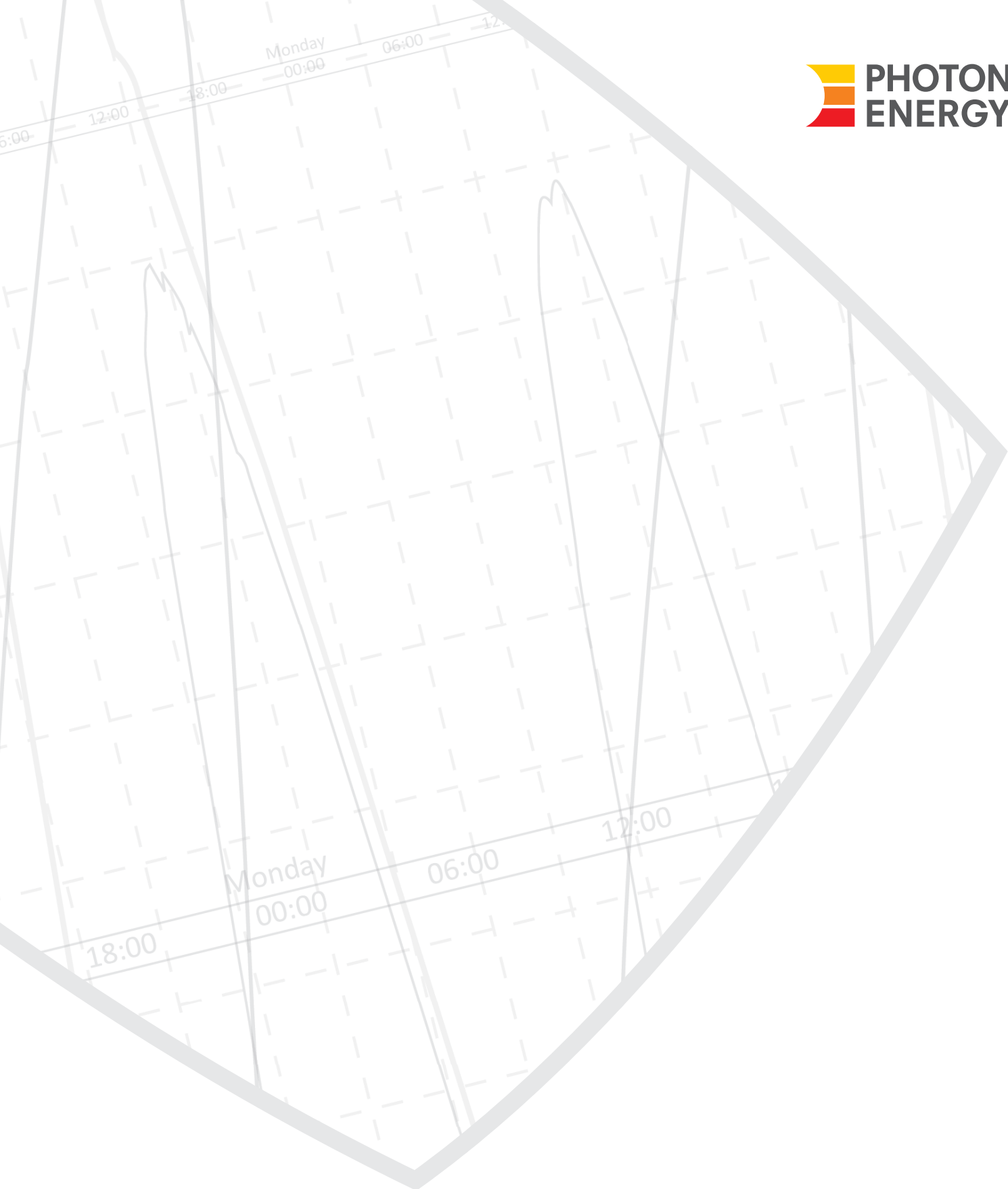
In early 2016 we installed our SMU at one of the biggest PV power plants in the Czech Republic for an external client.



**FYSHWICK, AUSTRALIA**  
140 kWp

**3.**

## **Financial Section**



**Photon Energy N.V.**

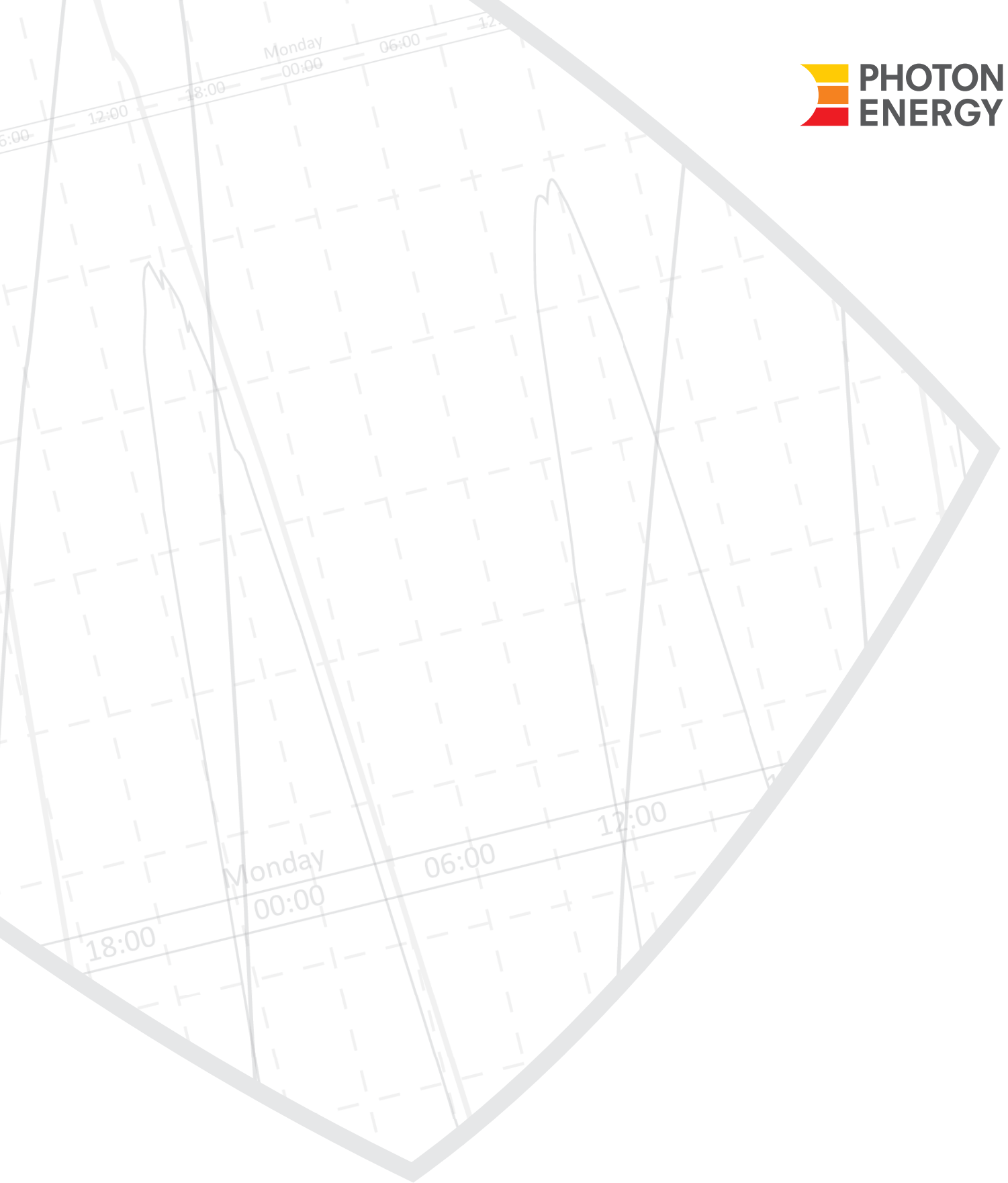
**Financial Statements**

**for the year ended 31 December 2015**

## Contents

|                                                                                                     |           |                                                                                                                                                 |           |
|-----------------------------------------------------------------------------------------------------|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------|-----------|
| <b>Directors' report</b>                                                                            | <b>50</b> |                                                                                                                                                 |           |
| <b>Developments in 2015</b>                                                                         | <b>50</b> |                                                                                                                                                 |           |
| <b>Financial instruments and risk management</b>                                                    | <b>51</b> |                                                                                                                                                 |           |
| Sovereign Risk                                                                                      | 51        | 4.3.2 Non-derivative financial liabilities                                                                                                      | 65        |
| Operational risk                                                                                    | 51        | 4.3.3 Share capital                                                                                                                             | 65        |
| Currency risk                                                                                       | 51        | 4.3.4. Derivative financial instruments                                                                                                         | 65        |
| Credit risk                                                                                         | 52        | 4.4 Property, plant and equipment                                                                                                               | 66        |
| Liquidity risk                                                                                      | 52        | 4.4.1 Recognition and measurement                                                                                                               | 66        |
| Interest risk                                                                                       | 52        | 4.4.2 Depreciation                                                                                                                              | 66        |
| <b>Research and development</b>                                                                     | <b>53</b> | 4.5 Inventories                                                                                                                                 | 66        |
| <b>Personnel</b>                                                                                    | <b>53</b> | 4.6 Impairment                                                                                                                                  | 67        |
| <b>Strategy for 2016</b>                                                                            | <b>54</b> | 4.6.1 Non-derivative financial assets                                                                                                           | 67        |
| <b>Subsequent events</b>                                                                            | <b>55</b> | 4.6.2 Non-financial assets                                                                                                                      | 67        |
| <b>Consolidated Financial Statements<br/>for the year ended 31 December 2015</b>                    | <b>56</b> | 4.7 Non-current assets held for sale or distribution                                                                                            | 68        |
| Consolidated statement of comprehensive income<br>for the year ended 31 December                    | 57        | 4.8 Provisions                                                                                                                                  | 68        |
| Consolidated statement of financial position<br>as at 31 December                                   | 58        | 4.8.1 Warranties                                                                                                                                | 68        |
| Consolidated statement of changes in equity<br>for the year ended 31 December                       | 59        | 4.9 Revenue                                                                                                                                     | 68        |
| Consolidated statement of cash flows<br>for the year ended 31 December                              | 60        | 4.9.1 Goods sold                                                                                                                                | 68        |
| <b>Notes to the Consolidated Financial Statements<br/>for the year ended 31 December 2015</b>       | <b>61</b> | 4.9.2 Services                                                                                                                                  | 68        |
| 1. Reporting entity                                                                                 | 62        | 4.9.3 Construction contracts                                                                                                                    | 68        |
| 2. Basis of preparation                                                                             | 62        | 4.9.4 Sale of electricity                                                                                                                       | 68        |
| 2.1 Statement of compliance                                                                         | 62        | 4.10 Finance income and finance costs                                                                                                           | 68        |
| 2.2 Basis of measurement                                                                            | 62        | 4.11 Income tax                                                                                                                                 | 69        |
| 2.3 Functional currency                                                                             | 62        | 4.12 Earnings per share                                                                                                                         | 69        |
| 2.4 Use of estimates and judgments                                                                  | 62        | 4.13 Segment reporting                                                                                                                          | 69        |
| 3. Application of new and revised EU IFRSs                                                          | 63        | <b>5. Determination of fair values</b>                                                                                                          | <b>70</b> |
| 3.1 New and revised EU IFRSs affecting amounts<br>reported in the current year (and/or prior years) | 63        | 5.1 Property, plant and equipment                                                                                                               | 70        |
| 3.2 New and revised IFRSs in issue but not yet effective                                            | 63        | 5.2 Inventories                                                                                                                                 | 71        |
| 4. Significant accounting policies                                                                  | 63        | 5.3 Trade and other receivables                                                                                                                 | 71        |
| 4.1 Basis of consolidation                                                                          | 63        | 5.4 Non-derivative financial liabilities                                                                                                        | 71        |
| 4.1.1 Business combinations                                                                         | 63        | <b>6. Financial risk management</b>                                                                                                             | <b>71</b> |
| 4.1.2 Subsidiaries                                                                                  | 63        | 6.1 Risk management framework                                                                                                                   | 71        |
| 4.1.3 Special purpose entities                                                                      | 64        | 6.2 Sovereign Risk                                                                                                                              | 71        |
| 4.1.4 Loss of control                                                                               | 64        | 6.3 Operational risk                                                                                                                            | 71        |
| 4.1.5 Investments in associates and jointly controlled<br>entities (equity-accounted investees)     | 64        | 6.4 Currency risk                                                                                                                               | 71        |
| 4.1.6 Transactions eliminated on consolidation                                                      | 64        | 6.5 Credit risk                                                                                                                                 | 72        |
| 4.2 Foreign currency                                                                                | 64        | 6.6 Liquidity risk                                                                                                                              | 72        |
| 4.2.1 Foreign currency transactions                                                                 | 64        | 6.7 Interest risk                                                                                                                               | 72        |
| 4.2.2 Foreign operations                                                                            | 64        | <b>7. Operating segments</b>                                                                                                                    | <b>73</b> |
| 4.2.3 Borrowing costs                                                                               | 64        | <b>8. Current assets held for sale</b>                                                                                                          | <b>79</b> |
| 4.3 Financial instruments                                                                           | 65        | <b>9. Acquisitions of subsidiary and non-controlling<br/>    interests; financial information for the joint<br/>    ventures and associates</b> | <b>79</b> |
| 4.3.1 Non-derivative financial assets                                                               | 65        | 9.1 Establishment of new subsidiaries                                                                                                           | 79        |
|                                                                                                     |           | 9.2 Acquisitions of subsidiaries                                                                                                                | 79        |
|                                                                                                     |           | 9.3 Financial information for the joint ventures and<br>associates                                                                              | 79        |
|                                                                                                     |           | <b>10. Revenue</b>                                                                                                                              | <b>82</b> |
|                                                                                                     |           | <b>11. Cost of sales</b>                                                                                                                        | <b>82</b> |
|                                                                                                     |           | 11.1 Tax levy                                                                                                                                   | 82        |
|                                                                                                     |           | <b>12. Other income</b>                                                                                                                         | <b>83</b> |
|                                                                                                     |           | <b>13. Other expenses</b>                                                                                                                       | <b>83</b> |

|                                                          |            |                                                                                                         |            |
|----------------------------------------------------------|------------|---------------------------------------------------------------------------------------------------------|------------|
| <b>14. Administrative and personnel expenses</b>         | <b>83</b>  | <b>Standalone Financial Statements</b>                                                                  |            |
| <b>15. Finance income and finance costs</b>              | <b>84</b>  | <b>for the year ended 31 December 2015</b>                                                              | <b>109</b> |
| <b>16. Income tax expense</b>                            | <b>84</b>  | Company balance sheet as at 31 December 2015                                                            | 110        |
| 16.1 Income tax recognized in profit or loss             | 84         | Company income statement                                                                                |            |
| 16.2 Income tax recognized in other comprehensive income | 84         | for the financial year ended 31 December 2015                                                           | 111        |
| 16.3 Reconciliation of effective tax rate                | 85         | <b>Notes to the Company Financial Statements</b>                                                        |            |
| <b>17. Property, plant and equipment</b>                 | <b>86</b>  | <b>for the year ended 31 December 2015</b>                                                              | <b>112</b> |
| <b>18. Other investments</b>                             | <b>88</b>  | <b>34. General</b>                                                                                      | <b>113</b> |
| <b>19. Deferred tax assets and liabilities</b>           | <b>88</b>  | <b>35. Principles for the measurement of assets and liabilities and the determination of the result</b> | <b>113</b> |
| <b>20. Inventories</b>                                   | <b>90</b>  | <b>36. Financial fixed assets</b>                                                                       | <b>113</b> |
| <b>21. Trade and other receivables</b>                   | <b>90</b>  | <b>37. Loans</b>                                                                                        | <b>115</b> |
| <b>22. Cash and cash equivalents</b>                     | <b>91</b>  | <b>38. Current assets</b>                                                                               | <b>115</b> |
| <b>23. Capital and reserves</b>                          | <b>91</b>  | <b>39. Shareholders' equity</b>                                                                         | <b>116</b> |
| <b>24. Earnings per share</b>                            | <b>94</b>  | 39.1 Reconciliation of movement in capital and reserves                                                 | 116        |
| <b>25. Loans and borrowings</b>                          | <b>94</b>  | 39.2 Share capital and share premium                                                                    | 117        |
| <b>26. Trade and other payables</b>                      | <b>95</b>  | <b>40. Long-term liabilities</b>                                                                        | <b>117</b> |
| <b>27. Other long-term and short-term liabilities</b>    | <b>96</b>  | <b>41. Current liabilities</b>                                                                          | <b>118</b> |
| 27.1 Other long term liabilities                         | 96         | <b>42. Financial instruments</b>                                                                        | <b>118</b> |
| 27.2 Other short term liabilities                        | 96         | 42.1 General                                                                                            | 118        |
| 27.3 Current tax liability                               | 96         | 42.2 Fair value                                                                                         | 118        |
| <b>28. Financial instruments</b>                         | <b>97</b>  | <b>43. Share in results from participating interests</b>                                                | <b>118</b> |
| 28.1 Liquidity Risk                                      | 97         | <b>44. Fees of the auditor</b>                                                                          | <b>118</b> |
| 28.2 Credit risk                                         | 98         | <b>45. Related parties</b>                                                                              | <b>119</b> |
| 28.3 Interest rate risk                                  | 99         | 45.1 Transactions with key management personnel                                                         | 119        |
| 28.4 Exchange rate risk                                  | 102        | <b>Other information</b>                                                                                | <b>121</b> |
| 28.5 Accounting classifications and fair values          | 103        | I. Emoluments of directors and supervisory directors                                                    | 121        |
| <b>29. Related parties</b>                               | <b>105</b> | II. Provisions in the Articles of Association governing the appropriation of profit                     | 121        |
| 29.1 Parent and ultimate controlling party               | 105        | III. Proposal for profit appropriation                                                                  | 121        |
| <b>30. Group entities</b>                                | <b>106</b> | IV. Subsequent events                                                                                   | 121        |
| <b>31. Subsequent events</b>                             | <b>108</b> | V. Subsidiaries                                                                                         | 121        |
| <b>32. Contingent assets and liabilities</b>             | <b>108</b> | VI. Independent auditor's report                                                                        | 121        |



## Directors' report

## Directors' report

The directors present their report together with the annual financial statements of Photon Energy N.V. (the "Company") for the year ended 31 December 2015.

Photon Energy N.V. (the "Company") is a joint-stock company incorporated under the laws of the Netherlands on 9 December 2010. The statutory seat of the Company is Barbara Strozzi-laan 201, 1083HN Amsterdam. The consolidated financial

statements of the Company as at and for the year ended 31 December 2015 comprise the Company and its subsidiaries (together referred to as the "Group" and individually as "Group entities") and the Group's interest in associates and jointly controlled entities.

The company is controlled by the following shareholders:

| <i>In shares</i>                           | <b>No. of shares</b> | <b>% of capital</b> |
|--------------------------------------------|----------------------|---------------------|
| Solar Power to the People Cooperatief U.A. | 8,051,919            | 13.42%              |
| Solar Future Cooperatief U.A.              | 8,590,683            | 14.32%              |
| Solar Age Investments B. V.                | 28,263,974           | 47.11%              |
| Free float                                 | 5,848,630            | 9.75%               |
| Photon Energy N.V.                         | 9,244,794            | 15.41%              |
| <b>Total</b>                               | <b>60,000,000</b>    | <b>100.0%</b>       |

The Board of Directors consists of the Directors Mr. Georg Hotar and Mr. Michael Gartner.

## Developments in 2015

### Result

The total equity attributable to the owners of the Company as at 31 December 2015 amounts to EUR 28,389 thousand (2014: EUR 28,038 thousand). The total result for the year 2015 amounts to a loss of EUR 1,720 thousand (2014: loss EUR 5,034 thousand).

### Revenues and cost of sales

Revenues in 2015 increased to EUR 13,452 thousand compared to 2014, when the revenues amounted to EUR 11,760 thousand. In 2015, cost of sales increased to 2,444 thousand from EUR 714 thousand in the financial year 2014.

The increase in revenues is a result of higher revenues in all segments of the Group's business, except of the other segment. It is influenced by the higher electricity production, and better result in the engineering and trading segment.

The gross margin equalled to 76% in 2015 compared to 88% in 2014. The lower margin in 2015 is a consequence of higher cost of sales due to a realized project in Australia.

### Financial income and expenses

Financial income and expenses consist mainly of interest expenses. The other part of financial income and expenses represents the result from revaluation of swaps, interest income, financial income from the release of allowances for financial participations and bank fees.

### Other comprehensive income

As of the year-end 2014, the Group adopted new models for the valuation of its power plants. Total impact of the change in the valuation approach resulted in the positive revaluation of EUR 6,013 thousand (including joint ventures) in other comprehensive income. Details can be found in note 23 to the financial statements.

### Non-current assets

The decrease in fixed assets compared to 2014, is mainly influenced by the annual depreciation and sale of the Italian and German power plants.

### Current assets

Current assets increased in 2015 compared to 2014, from EUR 9,897 thousand to EUR 10,930 thousand. This increase was influenced mainly by the higher inventories, other receivables and higher cash.

## Total liabilities

The total liabilities include primarily:

- 1) Loans and borrowings
- 2) Trade payables
- 3) Bond related liability

Long-term liabilities decreased by EUR 3,435 thousand. The main driver of this decrease was primarily repayment of bank loan by EUR 3,390. The Group also managed to decrease its current payables mainly due to partial repayment of the other loan and decrease in other payables. On the other hand, liability from income tax has increased comparing to the prior year.

## Financial instruments and risk management

In 2015, financial instruments were only used to mitigate risks and were not used for trading purposes. We refer to the notes in the financial statements for more details about the company's financial instruments.

### Principle risks

The Group has exposure to the following risks:

- Credit risk,
- Sovereign
- Liquidity risk,
- Operational risk,
- Currency risk,
- Interest risk,
- Market risk.

In the notes to the consolidated financial statements, information is included about the Group's exposure to each of the above risks, the Group's objectives, policies and processes for measuring and managing risk, and the Group's management of capital.

### Sovereign Risk

The Company's results can be adversely affected by political or regulatory developments negatively impacting on the income streams of projects in the portfolio. A number of countries have already succumbed to retroactive measures reneging on existing agreements, guarantees and legislation by imposing levies, cancelling contracts or renegotiating terms unilaterally or by other measures reducing or in the worst case cancelling Feed in Tariffs for renewable energy investments. Legal remedies available to compensate investors for expropriation or other takings may be inadequate. Lack of legal certainty exposes projects in the portfolio to increased risk of adverse or unpredictable actions by government officials, and also makes it more difficult for us to enforce existing contracts. In some cases these risks can be partially offset by agreements to arbitrate disputes in an international forum, but the adequacy of this remedy may still depend on the local legal system to enforce the award.

### Operational risk

The economic viability of energy production using photovoltaic power plants installations depends on Feed-in-Tariff (FiT) systems. The FiT system can be negatively affected by a number of

factors including, but not limited to, a reduction or elimination in the FiT or green bonus per kWh produced, an elimination or reduction of the indexation of the FiT and a shortening of the period for which the FiT applies to photovoltaic installations. On the investment side the Company faces uncertainty in relation to the approval process for the construction of photovoltaic installations, grid connection and the investment cost per kWp of installed capacity. The operating and financial results of the Company can be seriously affected by a sudden or significant change in the regulatory environment in each of the countries where the Company or its subsidiaries conduct business.

During the fourth quarter of 2010, the Czech parliament and the Czech government approved several changes in the legal framework governing certain aspects of the photovoltaic and other industries. Those changes included mainly: (i) a 3 years tax levy, newly introduced into the Czech tax system, of 26% on the revenues of photovoltaic power plants above 30kW of installed capacity, completed in the years 2009 and 2010, (ii) the abolishment of a six-year corporate income tax exemption for photovoltaic power plants, and (iii) a tenfold increase of the contractual fees previously agreed between the photovoltaic power plant operators and the state Land Fund for the extraction of certain classes of land from the state fund.

In September 2013, additional prolongation of the tax levy was approved. The percentage was decreased to 10% and applicability of this tax prolonged till end of the useful economic life of the power plants. The Company reflected this change in the DCF models for Czech SPVs already as of 30 September 2013. The fair value decrease was reflected in the value of assets, related deferred tax and other comprehensive income in 2013 financial statements.

### Currency risk

The Group is exposed to a currency risk on sales, purchases and borrowings that are denominated in a currency other than the respective functional currencies of Group entities.

The transactions of the Group entities are denominated in CZK, CHF, EUR and AUD. There is no financial hedging used by the company against the currency risk. Company's management does not formally monitor the FX positions.

## Credit risk

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers, including the electricity distributors.

### Trade and other receivables

The Group's exposure to credit risk is influenced mainly by individual characteristics of each customer. However, management also considers the demographics of the Group's customer base, including the default risk of the industry and country in which customers operate, as these factors may have an influence on credit risk. In most cases, the Company requires advance payments (partial or 100%) for the delivery of electricity in order to minimise the credit risk. Additionally, in case of new customers, the company looks for market references of the potential customers that are available in public resources. The collections are regularly monitored by the responsible employees and any significant overdue receivables are discussed with the management of the company. Management of the company is responsible for the decision whether allowance is to be created or any other steps need to be performed.

The Group establishes an allowance for impairment that represents its estimate of incurred losses in respect of trade and other receivables.

### Cash and cash equivalents

The Group held cash and cash equivalents of EUR 5,297 thousand at 31 December 2015 (2014: EUR 4,631 thousand), which represents its maximum credit exposure on these assets. The cash and cash equivalents are held with banks and financial institution counterparties. Only those banks and financial institutions, which were approved by the members of the board of directors, can be used by the company.

Cash held by the SPVs under legal ownership of RL is restricted only for certain transactions, e.g. loan and related interest provided to those SPV's by Photon Energy N.V. (originally by Phoenix Energy a.s.) is subordinated to the loan from RL and will be paid only after the repayment of the RL loan. Total amount of the cash owned by these SPVs is EUR 4,103 thousand as at 31 December 2015 (2014: EUR 3,129 thousand).

## Liquidity risk

Liquidity risk is the risk that the Group will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Group's approach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

## Interest risk

Interest rate risk is the risk that the value of a financial instrument will fluctuate due to changes in market interest rates. It is measured by the extent to which changes in market interest rates impact on net interest expense. The Company uses interest rate derivatives for managing the interest rate risk.

Slovak SPVs, consolidated in full or by using the equity method by the Group, own interest rate derivatives used for hedging. The purpose of the derivatives is to hedge against movement of interest rates. Concluding the derivative contract was one of conditions required by financing bank as defined in the Loan contract.

The change in fair value of these derivatives is recognized via equity of the Company and the result is shown in Derivatives reserve of the Company's equity since 1 January 2012. Until then, the change in fair value of the derivatives was recorded to profit and loss.

The Czech SPVs own interest rate derivatives. Concluding the derivative contract was one of conditions required by the financing bank as defined in the Loan contract. The change in value of these derivatives is recognized via Profit and loss as they do not meet criteria for the hedging derivatives.

## Capital management

The Group manages its capital to ensure that entities in the Group will be able to continue as a going concern while maximising the return to stakeholders through the optimisation of the debt and equity balance. The Group's overall strategy will unwind accordingly to the further negotiations with the Group's creditors.

The Group's net debt to adjusted equity ratio at the reporting date was as follows:

| <i>In thousand of EUR</i>                               | <b>2015</b> | <b>2014</b> |
|---------------------------------------------------------|-------------|-------------|
| Total liabilities                                       | 61,413      | 65,356      |
| Less: cash and cash equivalents                         | 5,297       | 4,631       |
| Net debt                                                | 56,116      | 60,725      |
| Total equity                                            | 28,541      | 28,185      |
| <b>Net debt to adjusted equity ratio at 31 December</b> | <b>1,97</b> | <b>2.15</b> |

There were no changes in the Group's approach to capital management during the year. A net debt to adjusted equity ratio shows lower indebtedness of the Group.

## Selected indicators

### Debt to assets ratio (total liabilities/total assets)

- 2015: 0.68
- 2014: 0.69

### Debt to equity ratio (total liabilities/shareholders' equity)

- 2015: 2.16
- 2014: 2.33

### Current ratio (current assets/current liabilities)

- 2015: 1.25
- 2014: 1.06

Debt to equity slightly improved in 2015 compared to 2014 due to lower non-current liabilities. The current ratio has improved due to lower current liabilities.

## Research and development

The Company does not perform any material research and development activities.

## Personnel

During the year, the number of staff employed by the Group was 59 (2014: 73). Management expects that the number of employees in 2016 will be similar to the previous year.

On 1 January 2014, The Management and Supervision Act came into force requiring that at least 30% of the directors is female

and at least 30% is male. At this moment the company does not comply with this Act and management does not believe nominations for (re-) appointments will change this in the near future.

## Strategy for 2016

We are pleased that 2015 proved to be an inflexion point in our company's development. We managed to reignite revenue growth, optimize our cost base across all business lines while the resulting EBITDA growth fed through to the bottom line, where we managed to reduce our loss after taxation by two thirds. The momentum in our Operations & Maintenance and Inverter Cardio service businesses in Europe and the Australian markets provide the backdrop for sustained growth in 2016 and beyond.

The objective of our strategy remains the generation of recurring revenue streams while maximizing customer value. Photon Energy's focus remains on:

- Customized Energy Solutions
- Decentralized Energy Production and Energy Storage Solutions
- Operations & Maintenance of PV plants and Energy Storage facilities
- Asset Management
- Investment Protection

Our next steps are:

- The Photon Energy Operations focuses on full O&M solutions in Central Europe and expands its Inverter Cardio services to additional inverter technologies covering the whole European market.
- Photon Energy's power plant monitoring solutions will be offered as a standalone product
- The Australian market still remains our focus for the expansion of PV generation capacity, further potential markets in Central and South America and Africa are currently under investigation
- Our Swiss subsidiary Global Investment Protection AG will continue offering services in the area of arbitration advice, legal advice and restructuring for investors whose assets might be under threat from retroactive government measures.

Moreover, in order to reduce the dependence on government subsidies in the future, the Group's strategy mainly focuses on the expansion to markets which have already reached Grid Parity, i.e. the cost of PV-generated electricity is competitive with grid-supplied electricity.

The Group also intends to specialize in energy generation solutions providing hybrid-system and diesel-replacement solutions for energy-intensive industries. In this area Photon Energy intends to focus on industries such as retail, agriculture, telecommunications and others. In the case of remote off-grid locations, where usually irradiation levels are constantly high throughout the year, such energy solutions allow customers to reduce fuel consumption by over 50%. In on-grid locations, energy efficiency solutions can materially lower monthly electricity bills.

Photon Energy wants to position itself at the cutting edge of the industry, creating PV-based power solutions with the integration of energy storage and/or diesel generators. The Group has developed different accurate models for off-grid and on-grid systems with sufficient flexibility to adapt to a wide range of situations. In order to facilitate market penetration, the Group will selectively cooperate with local partners, if necessary or value-adding.

## Going concern

### Management statement

In preparing these accounts on a going concern basis, management used its best estimates to forecast cash movements over the next 12 months from the date of these accounts. As per today, management believes the Company will be able to repay its liabilities and ensure the further development of the Group.

## Subsequent events

### Bank refinancing

On 30 December 2015, the Group signed a contract with the bank on the refinancing of the Czech portfolio in the total amount of EUR 1,480 thousand. The actual flow of money was realized only in January 2016.

Repayment date is 1 January 2022 and the interest rate is 3M PRIBOR + 2,7% p.a.

### Sale of Photon Energy Operations DE GmbH

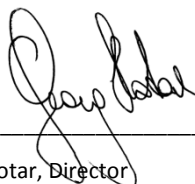
On 7 January 2016, the Company signed an agreement on the sale of its shares in Photon Energy Operations DE GmbH to a German investor. Photon Energy has closed its office in Berlin at the end of January 2016 and will continue servicing the German market and customers from its base in Prague.

Amsterdam, 22 April 2016

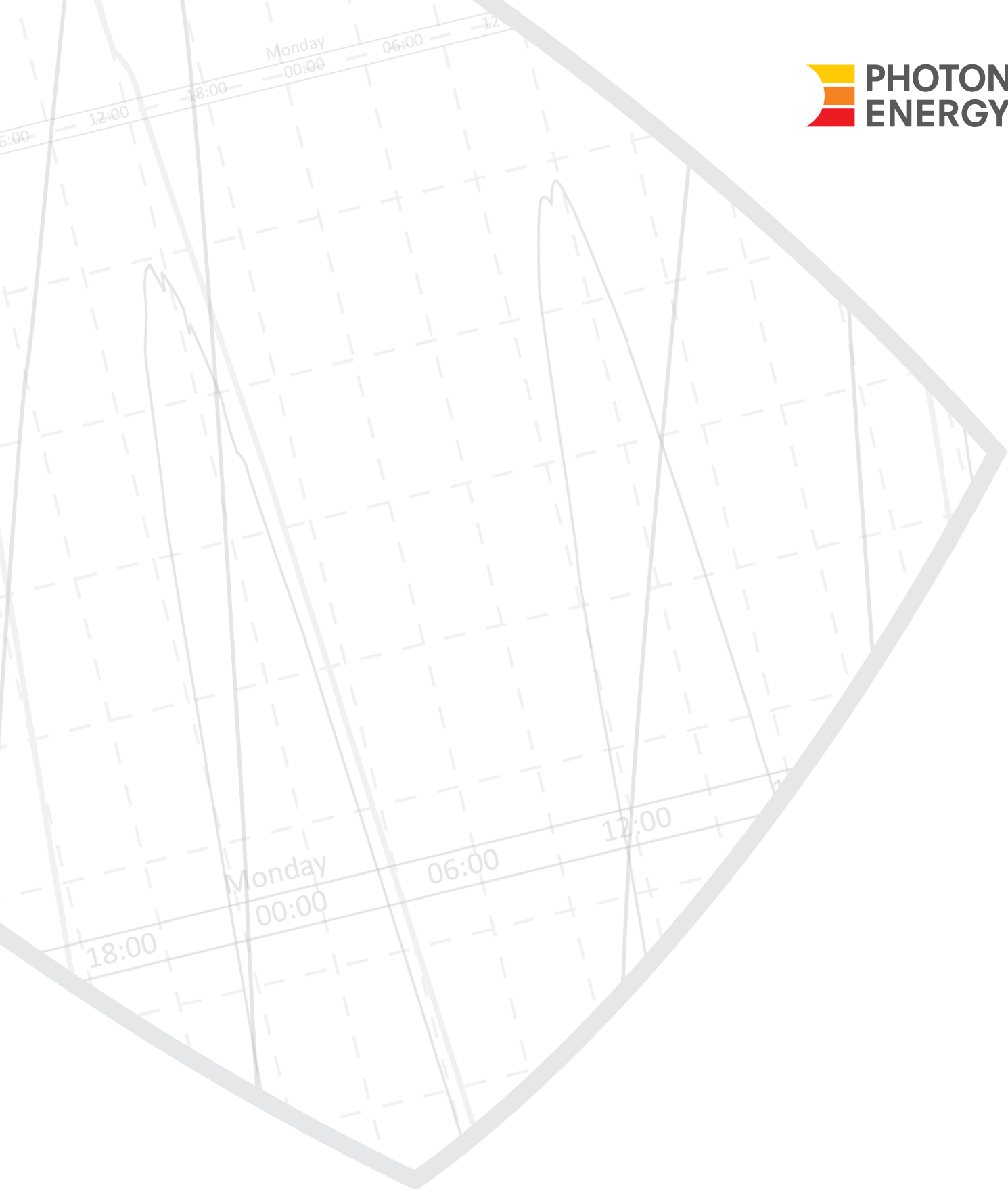
The Board of Directors:



Michael Gartner, Director



Georg Hotar, Director



# **Consolidated Financial Statements**

## **for the year ended 31 December 2015**

## Consolidated statement of comprehensive income for the year ended 31 December

| <i>In thousand of EUR</i>                                                          | <b>Note</b> | <b>2015</b>   | <b>2014</b>   |
|------------------------------------------------------------------------------------|-------------|---------------|---------------|
| Revenue                                                                            | <u>10</u>   | 13,321        | 11,760        |
| Cost of sales                                                                      | <u>11</u>   | -2,444        | -714          |
| Energy tax                                                                         | <u>11</u>   | -743          | -682          |
| <b>Gross profit</b>                                                                |             | <b>10,134</b> | <b>10,364</b> |
| Other income                                                                       | <u>12</u>   | 0             | 27            |
| Administrative expenses                                                            | <u>14</u>   | -1,639        | -2,942        |
| Personnel expenses                                                                 | <u>14</u>   | -2,112        | -2,819        |
| Other expenses                                                                     | <u>13</u>   | -237          | -1,134        |
| Depreciation                                                                       |             | -5,033        | -4,420        |
| Results from operating activities                                                  |             | 1,113         | -924          |
| Finance income                                                                     | <u>15</u>   | 903           | 52            |
| Interest income                                                                    | <u>15</u>   | 72            | 166           |
| Finance costs                                                                      | <u>15</u>   | -132          | -282          |
| Revaluation of derivatives                                                         | <u>15</u>   | 240           | -2,227        |
| Interest costs                                                                     | <u>15</u>   | -3,204        | -2,935        |
| <b>Net finance expenses</b>                                                        |             | <b>-2,121</b> | <b>-5,228</b> |
| Share of profit equity-accounted investments (net of tax)                          | <u>24</u>   | 91            | 70            |
| <b>Profit/loss before taxation</b>                                                 |             | <b>-918</b>   | <b>-6,081</b> |
| Income tax due/deferred                                                            | <u>16</u>   | -589          | -34           |
| <b>Profit/loss for the year from continuing operations</b>                         |             | <b>-1,507</b> | <b>-6,115</b> |
| Profit for the year from discontinued operations                                   | <u>9</u>    | -213          | 1,081         |
| <b>Profit/loss for the year</b>                                                    |             | <b>-1,720</b> | <b>-5,034</b> |
| <b>Other comprehensive income (loss)</b>                                           |             |               |               |
| <b>Items that will not be reclassified subsequently to profit or loss</b>          |             |               |               |
| Revaluation of property, plant and equipment                                       | <u>23</u>   | 0             | 6,581         |
| Share of revaluation of property, plant and equipment of associates/joint ventures | <u>23</u>   | 0             | -568          |
| <b>Items that will be reclassified subsequently to profit or loss</b>              |             |               |               |
| Foreign currency translation difference - foreign operations                       | <u>23</u>   | 803           | 612           |
| Derivates (hedging)                                                                | <u>28</u>   | 162           | -125          |
| Share of currency translation diff. Of associates / JV                             | <u>23</u>   | 0             | 0             |
| <b>Other comprehensive income for the year, net of tax</b>                         |             | <b>965</b>    | <b>6,500</b>  |
| <b>Total comprehensive income for the year</b>                                     |             | <b>-755</b>   | <b>1,466</b>  |
| <b>Profit attributable to:</b>                                                     |             |               |               |
| Attributable to the owners of the company                                          |             | -1,725        | -5,042        |
| Attributable to non controlling interest                                           |             | 5             | 8             |
| <b>Profit for the year</b>                                                         |             | <b>-1,720</b> | <b>-5,034</b> |
| <b>Total comprehensive income attributable to:</b>                                 |             |               |               |
| Attributable to the owners of the company                                          |             | -760          | 1,466         |
| Attributable to non controlling interest                                           |             | 5             | 0             |
| <b>Total comprehensive income for the year</b>                                     |             | <b>-755</b>   | <b>1,466</b>  |
| <b>Earnings per share</b>                                                          |             |               |               |
| Earnings per share (basic) (in EUR)                                                | <u>24</u>   | (0.034)       | (0.1)         |
| Earnings per share (diluted) (in EUR)                                              | <u>24</u>   | (0.029)       | (0.083)       |
| Total comprehensive income per share (in EUR)                                      | <u>24</u>   | (0.015)       | (0.038)       |

The notes on pages 62 to 108 are an integral part of these financial statements.

## Consolidated statement of financial position as at 31 December

| <i>In thousand of EUR</i>                           | <b>Note</b> | <b>31 December 2015</b> | <b>31 December 2014</b> |
|-----------------------------------------------------|-------------|-------------------------|-------------------------|
| <b>Assets</b>                                       |             |                         |                         |
| Property, plant and equipment                       | <u>17</u>   | 76,827                  | 81,549                  |
| Investments in equity-accounted investees           | <u>9.3</u>  | 2,195                   | 2,086                   |
| Other investments                                   | <u>18</u>   | 1                       | 10                      |
| Long-term receivables                               | <u>21</u>   | 0                       | 0                       |
| Deferred tax assets                                 |             | 0                       | 0                       |
| <b>Non-current assets</b>                           |             | <b>79,023</b>           | <b>83,645</b>           |
| Inventories                                         | <u>20</u>   | 924                     | 683                     |
| Trade receivables                                   | <u>21</u>   | 917                     | 1,152                   |
| Other receivables                                   | <u>21</u>   | 3,042                   | 2,287                   |
| Gross amount due from customers for contract work   | <u>20</u>   | 0                       | 262                     |
| Current tax receivable                              | <u>21</u>   | 0                       | 63                      |
| Other loans                                         | <u>21</u>   | 0                       | 0                       |
| Prepaid expenses                                    | <u>21</u>   | 688                     | 818                     |
| Cash and cash equivalents                           | <u>22</u>   | 5,297                   | 4,631                   |
| Assets classified as held for sale                  | <u>8</u>    | 61                      | 0                       |
| <b>Current assets</b>                               |             | <b>10,930</b>           | <b>9,897</b>            |
| <b>Total assets</b>                                 |             | <b>89,953</b>           | <b>93,542</b>           |
| <b>Equity &amp; Liabilities</b>                     |             |                         |                         |
| <b>Equity</b>                                       |             |                         |                         |
| Share capital                                       | <u>23</u>   | 600                     | 600                     |
| Share premium                                       | <u>23</u>   | 23,760                  | 23,760                  |
| Revaluation reserve                                 | <u>23</u>   | 25,415                  | 27,704                  |
| Legal reserve fund                                  | <u>23</u>   | 10                      | 10                      |
| Hedging reserve                                     | <u>23</u>   | -420                    | -582                    |
| Translation reserve                                 | <u>23</u>   | -975                    | -1,778                  |
| Retained earnings                                   | <u>23</u>   | -20,001                 | -21,675                 |
| <b>Equity attributable to owners of the Company</b> |             | <b>28,389</b>           | <b>28,038</b>           |
| Non-controlling interests                           | <u>23</u>   | 151                     | 147                     |
| <b>Total equity</b>                                 |             | <b>28,541</b>           | <b>28,185</b>           |
| <b>Liabilities</b>                                  |             |                         |                         |
| Loans and borrowings                                | <u>25</u>   | 38,499                  | 41,889                  |
| Deferred tax liabilities                            | <u>19</u>   | 5,481                   | 5,061                   |
| Other long-term liabilities                         | <u>28</u>   | 8,154                   | 7,979                   |
| Other loans                                         | <u>25</u>   | 538                     | 1,178                   |
| Long-term liability from income tax                 | <u>27</u>   | 0                       | 0                       |
| <b>Non-current liabilities</b>                      |             | <b>52,671</b>           | <b>56,106</b>           |
| Loans and borrowings                                | <u>25</u>   | 3,569                   | 3,385                   |
| Trade payables                                      | <u>26</u>   | 1,061                   | 1,219                   |
| Other payables                                      | <u>26</u>   | 3,047                   | 3,900                   |
| Other Loans                                         | <u>25</u>   | 269                     | 649                     |
| Other short-term liabilities                        | <u>27</u>   | 0                       | 97                      |
| Current tax liabilities                             | <u>27</u>   | 747                     | 0                       |
| Provisions                                          | <u>27</u>   | 0                       | 0                       |
| Liabilities classified as held for sale             | <u>8</u>    | 49                      | 0                       |
| <b>Current liabilities</b>                          |             | <b>8,742</b>            | <b>9,250</b>            |
| <b>Total liabilities</b>                            |             | <b>61,413</b>           | <b>65,356</b>           |
| <b>Total equity and liabilities</b>                 |             | <b>89,953</b>           | <b>93,542</b>           |

The notes on pages 62 to 108 are an integral part of these financial statements.

### Consolidated statement of changes in equity for the year ended 31 December

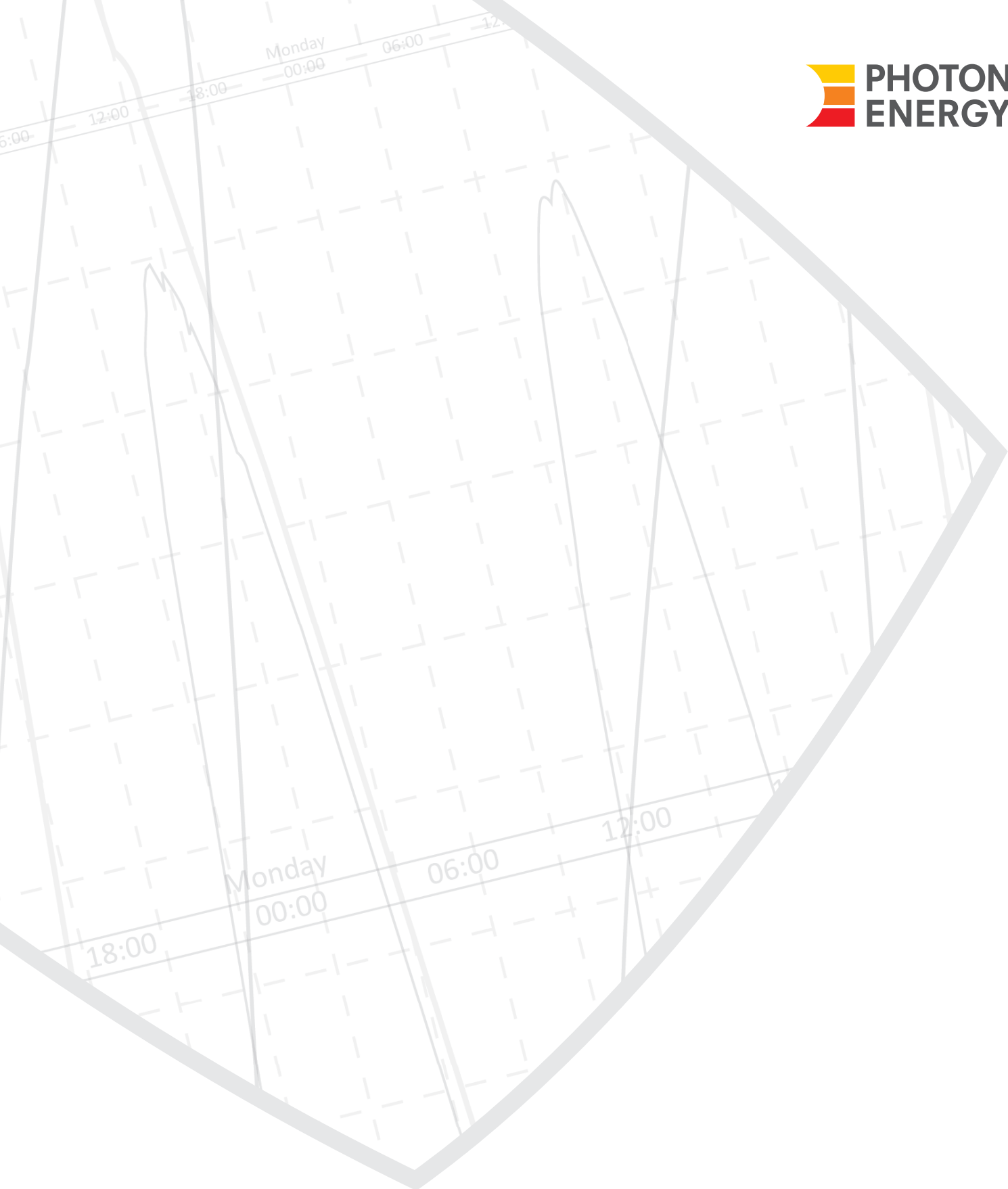
| <i>in thousand EUR</i>                             | Combined equity | Share capital | Share premium | Legal reserve fund | Revaluation reserve | Currency translation reserve | Hedging reserve | Retained earnings | TOTAL  | Non-controlling interests | TOTAL EQUITY |
|----------------------------------------------------|-----------------|---------------|---------------|--------------------|---------------------|------------------------------|-----------------|-------------------|--------|---------------------------|--------------|
| <b>BALANCE at 1.1.2014</b>                         | -               | 600           | 23,760        | 10                 | 22,835              | -2,390                       | -457            | -17,778           | 26,580 | 139                       | 26,719       |
| Profit for the period 1.1.2014 – 31.12.2014        | -               | -             | -             | -                  | -                   | -                            | -               | -5,042            | -5,042 | 8                         | -5,034       |
| Revaluation of PPE                                 | -               | -             | -             | -                  | 6,581               | -                            | -               | -                 | 6,581  | -                         | 6,581        |
| Share on revaluation of PPE of associates, JV      | -               | -             | -             | -                  | -568                | -                            | -               | -                 | -568   | -                         | -568         |
| Foreign currency translation differences           | -               | -             | -             | -                  | -                   | 612                          | -               | -                 | 612    | -                         | 612          |
| Derivatives                                        | -               | -             | -             | -                  | -                   | -                            | -89             | -                 | -89    | -                         | -89          |
| Share on derivatives JV                            | -               | -             | -             | -                  | -                   | -                            | -36             | -                 | -36    | -                         | -36          |
| <b>Total comprehensive income for the year</b>     | -               | 0             | 0             | 0                  | 6,013               | 612                          | -125            | -5,042            | 1,458  | 8                         | 1,466        |
| new shares                                         | -               | -             | -             | -                  | -                   | -                            | -               | -                 | 0      | -                         | 0            |
| Move from revaluation reserve to retained earnings | -               | -             | -             | -                  | -1,144              | -                            | -               | 1,144             | 0      | -                         | 0            |
| Legal reserve fund – move to RE on entity disposal | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| <b>BALANCE at 31.12.2014</b>                       |                 | 600           | 23,760        | 10                 | 27,704              | -1,778                       | -582            | -21,675           | 28,038 | 147                       | 28,185       |
| <b>BALANCE at 1.1.2015</b>                         | -               | 600           | 23,760        | 10                 | 27,704              | -1,778                       | -582            | -21,675           | 28,038 | 147                       | 28,185       |
| <b>Profit for the year</b>                         | -               | -             | -             | -                  | -                   | -                            | -               | -1,725            | -1,725 | 5                         | -1,720       |
| Revaluation of PPE                                 | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| Share on revaluation of PPE of associates, JV      | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| Foreign currency translation differences           | -               | -             | -             | -                  | -                   | 803                          | -               | -                 | 803    | -                         | 803          |
| Derivatives                                        | -               | -             | -             | -                  | -                   | -                            | 162             | -                 | 162    | -                         | 162          |
| Share on derivatives JV                            | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| Move from revaluation reserve to retained earnings | -               | -             | -             | -                  | -2,289              | -                            | -               | 2,289             | 2,289  | -                         | 2,289        |
| Move to RE on entity disposal                      | -               | -             | -             | -                  | -                   | -                            | -               | 1,110             | 1,110  | -                         | 1,110        |
| <b>Other comprehensive income</b>                  | -               | 0             | 0             | 0                  | -2,289              | 803                          | 162             | 1,674             | 350    | 5                         | 355          |
| New shares                                         | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| <b>Transactions with owners</b>                    | -               | -             | -             | -                  | -                   | -                            | -               | -                 | -      | -                         | -            |
| <b>BALANCE at 31.12.2015</b>                       |                 | 600           | 23,760        | 10                 | 25,415              | -975                         | -420            | -20,001           | 28,389 | 151                       | 28,540       |

The notes on pages 62 to 108 are an integral part of these financial statements.

## Consolidated statement of cash flows for the year ended 31 December

| <i>In thousand of EUR</i>                                 | <b>Note</b> | <b>2015</b>   | <b>2014</b>   |
|-----------------------------------------------------------|-------------|---------------|---------------|
| <b>Cash flows from operating activities</b>               |             |               |               |
| Profit for the year before tax                            |             | -1,131        | -5,000        |
| Adjustments for:                                          |             |               |               |
| Depreciation                                              | 17          | 5,036         | 4,420         |
| Net finance costs                                         | 15          | 2,121         | 5,228         |
| Share of profit of equity-accounted investments           | 24          | -91           | -70           |
| Gain on sale of property, plant and equipment             | 17          | 0             | 0             |
| Income tax expense                                        | 16          | 589           | 34            |
| Other non-cash items                                      | 13          | 0             | 0             |
| Changes in:                                               |             |               |               |
| Trade and other receivables                               | 21          | -479          | 1,526         |
| Gross amount due from customers for contract work         |             | 262           | -262          |
| Prepaid expenses                                          | 21          | 130           | 138           |
| Inventories                                               | 20          | -241          | -294          |
| Trade and other payables                                  | 26          | -313          | 900           |
| Other liabilities                                         | 27          | -1,091        | -3,679        |
| Interest paid                                             | 15          | -1,235        | -1,023        |
| Income tax paid                                           | 16          | -118          | -176          |
| <b>Net cash from operating activities</b>                 |             | <b>3,621</b>  | <b>1,742</b>  |
| <b>Cash flows from investing activities</b>               |             |               |               |
| Acquisition of property, plant and equipment              | 9           | 0             | 0             |
| Acquisition of subsidiaries, associates, JV               | 9           | 0             | 0             |
| Acquisition of other investments                          | 9           | 0             | 0             |
| Proceeds from sale of investments                         | 9           | 2,141         | 0             |
| Sale of investments- cash sold                            | 9           | 0             | 0             |
| Interest received                                         | 15          | 0             | 0             |
| <b>Net cash used in investing activities</b>              |             | <b>2,141</b>  | <b>0</b>      |
| <b>Cash flows from financing activities</b>               |             |               |               |
| Proceeds from issuance of ordinary shares                 |             | 0             | 0             |
| Proceeds from borrowings                                  | 25          | 0             | 4,267         |
| Repayment of borrowings                                   | 25          | -4,996        | -6,662        |
| Proceeds from issuing bonds                               | 25          | 535           | 1,025         |
| Payment of bond coupons                                   | 25          | -634          | -423          |
| <b>Net cash from (used in) financing activities</b>       |             | <b>-5,094</b> | <b>-1,793</b> |
| <b>Net increase/decrease in cash and cash equivalents</b> |             | <b>668</b>    | <b>-51</b>    |
| <b>Cash and cash equivalents at 1 January</b>             |             | <b>4,631</b>  | <b>4,682</b>  |
| Effect of exchange rate fluctuations on cash held         |             | 0             | 0             |
| <b>Cash and cash equivalents at 31 December</b>           |             | <b>5,297</b>  | <b>4,631</b>  |

The notes on pages 62 to 108 are an integral part of these consolidated financial statements.



# **Notes to the Consolidated Financial Statements**

**for the year ended 31 December 2015**

## 1. Reporting entity

Photon Energy N.V. ("Photon Energy" or the "Company") is a joint-stock company incorporated under the laws of Netherlands on 9 December 2010. The statutory seat of the Company is Barbara Strozilaan 201, 1083HN Amsterdam. The consolidated financial statements of the Company as at and for the year ended 31 December 2015 comprise the Company and its subsidiaries (together referred to as the "Group" and individually as "Group entities") and the Group's interest in associates and jointly controlled entities.

## 2. Basis of preparation

### 2.1 Statement of compliance

The consolidated financial statements have been prepared in accordance with International Financial Reporting Standards (IFRSs) as adopted by the European Union ("EU IFRSs") and title 9 Book 2 of the Netherlands Civil code. It represents the international accounting standards adopted in the form of European Commission Regulations in accordance with Regulation (EC) No 1606/2002 of the European Parliament and of the Council.

The consolidated financial statements were authorised for issue by the Board of Directors on 22 April 2016.

### Going concern

#### Management statement

In preparing these accounts on a going concern basis, management used its best estimates to forecast cash movements over the next 12 months from the date of these accounts. As per today, management believes the Company will be able to repay its liabilities and ensure the further development of the Group.

### 2.2 Basis of measurement

The consolidated financial statements have been prepared on historical cost basis except for the following material items in the statement of financial position:

- Property, plant and equipment - photovoltaic power plants are measured at revalued amounts (for revaluation details refer to the note [23](#))
- Investments in equity instruments accounted for using the equity method

### 2.3 Functional currency

These financial statements are presented in EUR.

The functional currencies used in the Group are CZK for Czech subsidiaries, EUR for Dutch, Italian, German and Slovak companies, CHF for Swiss subsidiary and AUD for Australian subsidiaries. All financial information presented in EUR has been rounded to the nearest thousand.

The Group is engaged in the development of photovoltaic power plants. This activity involves securing suitable sites by purchase or long-term lease, obtaining all licenses and permits, the design, installation of photovoltaic equipment, financing, operations and maintenance. Photon Energy pursues a comprehensive strategy of focusing both on green-field and rooftop installations while trying to cover the largest possible part of the value chain and lifecycle of the power plant.

### 2.4 Use of estimates and judgments

The preparation of the consolidated financial statements in conformity with EU IFRSs requires management to make judgments, estimates and assumptions that affect the application of accounting policies and the reported amounts of assets, liabilities, income and expenses. Actual results may differ from these estimates.

Significant management judgement is used in key assumptions applied discounted cash flow projections related to the valuation of the photovoltaic power plants (refer to Note 5.1) and in case of professional judgment and internal knowledge of the customer related to the creation of the allowance for bad and doubtful debts (refer to Note 28.2).

Estimates and underlying assumptions are reviewed on an ongoing basis. Revisions to accounting estimates are recognized in the period in which the estimates are revised and in any future periods affected.

Information about assumptions and estimation uncertainties that have a significant risk of resulting in a material adjustment within the next financial year are included in the following notes:

- Note [5.1](#) – key assumptions used in discounted cash flow projections related to the valuation of the photovoltaic power plants
- Note [28.2](#) – professional judgment and internal knowledge of the customer related to the creation of the allowance for bad and doubtful debts

### 3. Application of new and revised EU IFRSs

#### 3.1 New and revised EU IFRSs affecting amounts reported in the current year (and/or prior years)

The following new and revised EU IFRSs have been applied in the current period and have affected the amounts reported in the financial statements.

##### IFRS 15 Revenue

Effective from annual periods beginning on or after 1 January 2017 the core principle of IFRS 15 is that an entity will recognise revenue to reflect the transfer of goods or services, measured as the amount to which the entity expects to be entitled in exchange for those goods or services. In particular, the new standard requires distinct goods or services to be accounted for separately, which may have a significant impact on the timing of revenue and profit recognition. While the overall principles will sound familiar, IFRS 15 includes a significant amount of guidance on many issues that arise in determining the appropriate timing and measurement of revenue. Finally, the new standard also requires significant disclosures relating to the reporting of revenue, and entities will need to ensure that they can gather the appropriate information in a timely manner.

##### IFRS 16 Leases

Effective from annual periods beginning on or after 1 January 2019 lessees are required to account for all leases on their balance sheets, including those which had previously been treated as operating leases and accounted for in the P&L account as an "in-year" expense. This will include leases of retail and commercial property, equipment and vehicles.

#### 3.2 New and revised IFRSs in issue but not yet effective

The Group has not applied the following new and revised EU IFRSs that have been issued but are not yet effective (dates in brackets shows effective date):

- IAS 19 Employee Benefits (January 2016) Amendments to IFRS 7 Financial Instruments: Disclosures (January 2018) Revenue from Contracts with Customer (IFRS 15, January 2017)
- IFRS 15 Revenue
- IFRS 16 Leases

The Group does not plan to adopt these standards early and the extent of the impact has not been determined as management believes it will not have a significant impact.

### 4. Significant accounting policies

The accounting policies set out below have been applied consistently to all periods presented in these consolidated financial statements, and have been applied consistently by Group entities.

#### 4.1 Basis of consolidation

The consolidated financial statements incorporate the financial statements of the Company and entities (including special purpose entities) controlled by the Company (its subsidiaries). Control is achieved when the Company is exposed, or has rights, to variable returns from its involvement with the subsidiary and has the ability to affect those returns through its power over the subsidiary.

##### 4.1.1 Business combinations

Acquisition of businesses is accounted for using the acquisition method. The consideration transferred in a business combination is measured at fair value, which is calculated as the sum of the acquisition date fair values of the assets transferred by the Group, liabilities incurred by the Group to the former owners of the acquiree and the equity interests issued by the Group in

exchange for control of the acquiree. Acquisition related costs are recognized in profit or loss as incurred.

##### 4.1.2 Subsidiaries

Subsidiaries are entities controlled by the Company. The financial statements of subsidiaries are included in the consolidated financial statements from the date that control commences until the date that control ceases.

Income and expenses and other comprehensive income of subsidiaries acquired or disposed of during the year are included in the consolidated statement of comprehensive income from the effective date of acquisition and up to the effective date of disposal, as appropriate. Total comprehensive income of subsidiaries is attributed to the owners of the Company and to the non-controlling interests even if doing so causes the non-controlling interests to have a deficit balance.

When necessary, adjustments are made to the financial statements of subsidiaries to bring their accounting policies into line with Group accounting policies.

#### 4.1.3 Special purpose entities

The Group includes special purpose entities (SPEs). The Group does not have any direct or indirect shareholdings in these entities. An SPE is consolidated if, based on an evaluation of the substance of its relationship with the Group and the SPE's risks and rewards, the Group concludes that it controls the SPE. SPEs controlled by the Group were established under terms that impose strict limitations on the decision-making powers of the SPEs' management and that result in the Group receiving the majority of the benefits related to the SPEs' operations and net assets, being exposed to the majority of risks incident to the SPEs' activities, and retaining the majority of the residual or ownership risks related to the SPEs or their assets.

SPEs currently include entities owned by Raiffeisen – Leasing s.r.o. ("RL"). All these SPEs are financed by RL.

Based on new contractual agreements, the Company has the right to apply a call option for purchase of a 100% share in the RL SPVs in case of full repayment of external loans, security loans, and all the other financial liabilities of PENV towards RL and the Financing bank, plus payment of the future purchase price for the transfer of share in the SPEs.

See the list of SPEs in note 30.

#### 4.1.4 Loss of control

Upon the loss of control, the Group derecognizes the assets and liabilities of the subsidiary, any non-controlling interests and the other components of equity related to the subsidiary. Any surplus or deficit arising from the loss of control is recognized in profit or loss. If the Group retains any interest in the previous subsidiary, then such interest is measured at fair value at the date that control is lost. Subsequently it is accounted for as an equity-accounted investee or as an available-for-sale financial asset depending on the level of influence retained.

#### 4.1.5 Investments in associates and jointly controlled entities (equity-accounted investees)

Associates are those entities in which the Group has significant influence, but not control, over the financial and operating policies. Significant influence is presumed to exist when the Group holds 20 percent or more of the voting power of another entity. Joint ventures are arrangements that the Company controls jointly with one or more other investors, and over which the Company has rights to a share of the arrangements net assets rather than direct rights to underlying assets and obligations for underlying liabilities.

Investments in associates and jointly controlled entities are accounted for using the equity method (equity-accounted investees) and are recognized initially at cost. The cost of the investment includes transaction costs.

The consolidated financial statements include the Group's share of the profit or loss and other comprehensive income, after adjustments to align the accounting policies with those of the Group, from the date that significant influence or joint control

commences until the date that significant influence or joint control ceases.

When the Group's share of losses exceeds its interest in an equity-accounted investee, the carrying amount of that interest, including any long-term investments, is reduced to zero, and the recognition of further losses is discontinued except to the extent that the Group has an obligation or has made payments on behalf of the investee.

#### 4.1.6 Transactions eliminated on consolidation

Regarding subsidiaries all intra-group transactions, balances, income and expenses are eliminated in full on consolidation.

Regarding equity-accounted investees (see note 4.1.5) part of a margin on sales to these entities is eliminated. This part is calculated as a percentage of margins equal to the percentage of the entity's shares owned by the Group.

### 4.2 Foreign currency

#### 4.2.1 Foreign currency transactions

Transactions in foreign currencies are translated to the respective functional currencies of Group entities at exchange rates at the dates of the transactions. Monetary assets and liabilities denominated in foreign currencies at the reporting date are translated to the functional currency at the exchange rate at that date. The foreign currency gain or loss on monetary items is the difference between amortised cost in the functional currency at the beginning of the year, adjusted for effective interest and payments during the year, and the amortised cost in foreign currency translated at the exchange rate at the end of the year.

Non-monetary assets and liabilities denominated in foreign currencies that are measured at fair value are retranslated to the functional currency at the exchange rate at the date that the fair value was determined. Non-monetary items in a foreign currency that are measured in terms of historical cost are translated using the exchange rate at the date of the transaction. Foreign currency differences arising on retranslation are recognized in profit or loss, except for differences arising on the retranslation of available-for-sale equity investments.

#### 4.2.2 Foreign operations

The assets and liabilities of foreign operations (those in the Czech Republic and Australia as of 31 December 2015) are translated into Euro at exchange rates at the reporting date. The income and expenses of foreign operations are translated into Euro at exchange rates at the dates of the transactions.

#### 4.2.3 Borrowing costs

Borrowing costs directly attributable to the acquisition, construction or production of qualifying assets, which are assets that necessarily take a substantial period of time to get ready for their intended use or sale, are added to the cost of those assets, until such time as the assets are substantially ready for their intended use or sale.

Investment income earned on the temporary investment of specific borrowings pending their expenditure on qualifying assets is deducted from the borrowing costs eligible for capitalisation.

All other borrowing costs are recognized in profit or loss in the period in which they are incurred.

### 4.3 Financial instruments

Financial instruments are only used to mitigate risks and are not used for trading purposes.

#### 4.3.1 Non-derivative financial assets

The Group initially recognizes loans and receivables and deposits on the date that they are originated. All other financial assets are recognized initially on the trade date, which is the date that the Group becomes a party to the contractual provisions of the instrument.

The Group derecognizes a financial asset when the contractual rights to the cash flows from the asset expire, or it transfers the rights to receive the contractual cash flows on the financial asset in a transaction in which substantially all the risks and rewards of ownership of the financial asset are transferred. Any interest in transferred financial assets that is created or retained by the Group is recognized as a separate asset or liability.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group has a legal right to offset the amounts and intends either to settle on a net basis or to realise the asset and settle the liability simultaneously.

The Group classifies non-derivative financial assets into the following categories: loans and receivables and available-for-sale financial assets.

#### Loans and receivables

Loans and receivables are financial assets with fixed or determinable payments that are not quoted in an active market. Such assets are recognized initially at fair value plus any directly attributable transaction costs. Subsequent to initial recognition, loans and receivables are measured at amortised cost using the effective interest method, less any impairment losses.

#### Cash and cash equivalents

Cash and cash equivalents comprise cash balances on bank accounts and cash on hand and call deposits with original maturities of three months or less.

#### Available-for-sale financial assets

Available-for-sale financial assets are non-derivative financial assets that are designated as available for sale or are not classified in any of the above categories of financial assets.

Subsequent to initial recognition, they are measured at fair value and changes therein, other than impairment losses and foreign currency differences on available-for-sale debt instruments, are recognized in other comprehensive income and

presented in the fair value reserve in equity. When an investment is derecognized, the gain or loss accumulated in equity is reclassified to profit or loss.

Available-for-sale financial assets comprise other shares, where the Group holds less than 20% of the voting power and the Group has no control, joint control or significant influence over the investee.

#### 4.3.2 Non-derivative financial liabilities

The Group initially recognizes debt securities issued and subordinated liabilities on the date that they are originated. All other financial liabilities are recognized initially on the trade date, which is the date that the Group becomes a party to the contractual provisions of the instrument.

The Group classifies non-derivative financial liabilities into the other financial liabilities category. Such financial liabilities are recognized initially at fair value less any directly attributable transaction costs. Subsequent to initial recognition, these financial liabilities are measured at amortised cost using the effective interest method.

The Group derecognizes a financial liability when its contractual obligations are discharged, cancelled or expire.

Financial assets and liabilities are offset and the net amount presented in the statement of financial position when, and only when, the Group has a legal right to offset the amounts and intends either to settle on a net basis or to realise the asset and settle the liability simultaneously.

The Group classifies non-derivative financial liabilities into the other financial liabilities category. Such financial liabilities are recognized initially at fair value plus any directly attributable transaction costs. Subsequent to initial recognition, these financial liabilities are measured at amortised cost using the effective interest method.

#### 4.3.3 Share capital

##### Ordinary shares

Ordinary shares are classified as equity. Consideration received above the nominal value of the ordinary shares is classified in equity as Share premium. Incremental costs directly attributable to the issue of ordinary shares are recognized as a deduction from equity, net of any tax effects.

#### 4.3.4. Derivative financial instruments

The Slovak SPVs own interest rate derivatives used for hedging. The purpose of the derivatives is to hedge against movement of interest rates. Concluding the derivative contract was one of the conditions required by the financing bank as defined in the loan contract. The change in value of these derivatives is recognized via the equity of the Company and the result is shown in the derivatives reserve of the Company's equity since 1 January 2012. Until then, they were recognized via profit and loss.

The required documentation has been prepared and derivatives were successfully tested for effectiveness.

The Czech SPVs own interest rate derivatives. Concluding the derivative contract was one of the conditions required by the financing bank as defined in the loan contract with the fixed interest rate of 5.19%. The change in value of these derivatives is recognized via the profit and loss as they do not meet criteria for hedging derivatives.

## 4.4 Property, plant and equipment

### 4.4.1 Recognition and measurement

Photovoltaic power plants are stated in the consolidated statement of financial position at their revalued amounts, being the fair value at the date of revaluation, less any subsequent accumulated depreciation and subsequent accumulated impairment losses. Revaluations are performed at sufficient regularity so that the carrying amounts do not differ materially from those that would be determined using fair values at the end of each reporting period. The need for revaluations is assessed every quarter.

For fair value determination see note 5.1.

Any revaluation surplus arising on the revaluation of such photovoltaic power plant is recognized in other comprehensive income and accumulated in equity, except to the extent that the surplus reverses a revaluation deficit on the same asset previously recognized in profit or loss. Any deficit on the revaluation of such photovoltaic power plants is recognized in profit or loss except to the extent that it reserves a previous revaluation surplus on the same asset, in which case the debit to that extent is recognized in other comprehensive income.

Photovoltaic power plants, which the Company consolidates, in the course of construction are carried at cost, less any recognized impairment loss. The cost of self-constructed assets includes the cost of materials and direct labour plus any other costs directly attributable to bringing the assets to a working condition for their intended use and capitalized borrowing costs. Such properties are reported as Property, plant, equipment - Assets in progress and are classified to Property, plant and equipment - Photovoltaic power plants when completed and ready for use. These assets are completed and ready for use when the power plant is connected to the electricity network and all technical parameters necessary for electricity production are completed. Depreciation of these assets, on the same basis as other property assets, commences when the assets are ready for their intended use.

Additional costs capitalized in the value of the asset are included in the regular review of power plants value as done on quarterly basis.

The costs of maintenance, repairs, renewals or replacements which do not extend productive life are charged to operations as incurred. The costs of replacements and improvements which extend productive life are capitalized. The cost of replacing part of an item of property and equipment is recognized in the carrying amount of the item if it is probable that the future economic

benefits embodied within the part will flow to the Company and its cost can be measured reliably.

Included in the property plant and equipment are non separable intangible assets mainly relating to the rights to build and operate photovoltaic power plants in a specific country. Because the items are non separable, the rights are included in property, plant and equipment.

Fixtures and equipment are stated at cost less accumulated depreciation and accumulated impairment losses. Cost includes expenditure that is directly attributable to the acquisition of the asset. The gain or loss on disposal of an item of fixtures and equipment is determined by comparing the proceeds from disposal with the carrying amount of the property, plant and equipment, and is recognized net within other income/other expenses in profit or loss.

### 4.4.2 Depreciation

Depreciation is recognized so as to write off the costs or revalued amount of property, plant and equipment (other than land and properties under construction) less their residual values over their useful lives, using the straight-line method. The estimated useful lives, residual values and depreciation methods are reviewed at the end of each reporting period, with the effect of any changes in estimate accounted for on a prospective basis.

Depreciation of revalued photovoltaic power plants is recognized in profit or loss. Every quarter the amount equal to the difference between depreciation based on the revalued carrying amount of photovoltaic power plants and depreciation based on asset's original cost is transferred directly to retained earnings. On the subsequent sale or retirement of a revalued property, the attributable revaluation surplus remaining in the properties revaluation reserve is transferred directly to retained earnings.

Land is not depreciated.

The estimated useful lives for the current and comparative years are as follows (based on the professional judgement combining the Feed in Tariff period and useful estimated live of the components and technology used in the power plants):

- Photovoltaic power plants 20 years
- Fixtures and equipments 3–10 years

## 4.5 Inventories

Inventories are measured at the lower of cost and net realizable value. The cost of inventories is based on the weighted average principle, and includes expenditure incurred in acquiring the inventories, production or conversion costs and other costs incurred in bringing them to their existing location and condition.

Net realisable value is the estimated selling price in the ordinary course of business, less the estimated costs of completion and selling expenses.

## 4.6 Impairment

### 4.6.1 Non-derivative financial assets

A financial asset not carried at fair value through profit or loss is assessed at each reporting date to determine whether there is objective evidence that it is impaired. A financial asset is impaired if objective evidence indicates that a loss event has occurred after the initial recognition of the asset, and that the loss event had a negative effect on the estimated future cash flows of that asset that can be estimated reliably.

Objective evidence that financial assets (including equity securities) are impaired can include default or delinquency by a debtor, restructuring of an amount due to the Group on terms that the Group would not consider otherwise, indications that a debtor or issuer will enter bankruptcy, adverse changes in the payment status of borrowers or issuers in the Group, economic conditions that correlate with defaults or the disappearance of an active market for a security. In addition, for an investment in an equity security, a significant or prolonged decline in its fair value below its cost is objective evidence of impairment.

### Loans and receivables

The Group considers evidence of impairment for loans and receivables at both a specific asset and collective level. All individually significant receivables are assessed for specific impairment. All individually significant loans and receivables found not to be specifically impaired are then collectively assessed for any impairment that has been incurred but not yet identified. Loans and receivables that are not individually significant are collectively assessed for impairment by grouping together loans and receivables with similar risk characteristics.

In assessing collective impairment the Group uses historical trends of the probability of default, the timing of recoveries and the amount of loss incurred, adjusted for management's judgement as to whether current economic and credit conditions are such that the actual losses are likely to be greater or less than suggested by historical trends.

An impairment loss in respect of a financial asset measured at amortised cost is calculated as the difference between its carrying amount and the present value of the estimated future cash flows discounted at the asset's original effective interest rate. Losses are recognized in profit or loss and reflected in an allowance account against loans and receivables. Interest on the impaired asset continues to be recognized. When a subsequent event (e.g. repayment by a debtor) causes the amount of impairment loss to decrease, the decrease in impairment loss is reversed through profit or loss.

### Available-for-sale financial assets

Impairment losses on available-for-sale financial assets are recognized by reclassifying the losses accumulated in the fair value reserve in equity, to profit or loss. The cumulative loss that is reclassified from equity to profit or loss is the difference between the acquisition cost, net of any principal repayment and amortisation, and the current fair value, less any impairment

loss recognized previously in profit or loss. Changes in impairment provisions attributable to application of the effective interest method are reflected as a component of interest income. If, in a subsequent period, the fair value of an impaired available-for-sale debt security increases and the increase can be related objectively to an event occurring after the impairment loss was recognized in profit or loss, then the impairment loss is reversed, with the amount of the reversal recognized in profit or loss. However, any subsequent recovery in the fair value of an impaired available-for-sale equity security is recognized in other comprehensive income.

### 4.6.2 Non-financial assets

The carrying amounts of the Group's non-financial assets, other than inventories and deferred tax assets are reviewed at each reporting date to determine whether there is any indication of impairment. If any such indication exists, then the asset's recoverable amount is estimated. For goodwill, and intangible assets that have indefinite useful lives or that are not yet available for use, the recoverable amount is estimated each year at the same time. An impairment loss is recognized if the carrying amount of an asset or its related cash-generating unit (CGU) exceeds its estimated recoverable amount.

A CGU corresponds to the individual power plant operated by the legal entity. In 2015, the legal entity owns always only one power plant.

The recoverable amount of an asset or CGU is the greater of its value in use and its selling price less costs to sell. In assessing value in use, the estimated future cash flows are discounted to their present value using a pre-tax discount rate that reflects current market assessments of the time value of money and the risks specific to the asset or CGU. For the purpose of impairment testing, assets that cannot be tested individually are grouped together into the smallest group of assets that generates cash inflows from continuing use that are largely independent of the cash inflows of other assets or CGU. Subject to an operating segment ceiling test, for the purposes of goodwill impairment testing, CGUs to which goodwill has been allocated are aggregated so that the level at which impairment testing is performed reflects the lowest level at which goodwill is monitored for internal reporting purposes. Goodwill acquired in a business combination is allocated to groups of CGUs that are expected to benefit from the synergies of the combination.

Impairment losses are recognized in profit or loss. Impairment losses recognized in respect of CGUs are allocated first to reduce the carrying amount of any goodwill allocated to the CGU (group of CGUs), and then to reduce the carrying amounts of the other assets in the CGU (group of CGUs) on a *pro rata* basis.

An impairment loss in respect of goodwill is not reversed. In respect of other assets, impairment losses recognized in prior periods are assessed at each reporting date for any indications that the loss has decreased or no longer exists. An impairment loss is reversed if there has been a change in the estimates used to determine the recoverable amount. An impairment loss is reversed only to the extent that the asset's carrying amount

does not exceed the carrying amount that would have been determined, net of depreciation or amortisation, if no impairment loss had been recognized.

#### 4.7 Non-current assets held for sale or distribution

Non-current assets held for sale or distribution comprises assets and liabilities, which are expected to be recovered primarily through sale or distribution rather than through continuing use. Immediately before classification as held for sale or distribution, the assets, or components of a disposal group, are re-measured in accordance with the Group's accounting policies. Thereafter, generally, the assets, or disposal group, are measured at the lower of their carrying amount and fair value less costs to sell. Any impairment loss on a disposal group first is allocated to goodwill, and then to remaining assets and liabilities on a *pro rata* basis, except that no loss is allocated to inventories, financial assets, deferred tax assets, employee benefit assets, which continue to be measured in accordance with the Group's accounting policies.

Impairment losses on initial classification as held for sale or distribution and subsequent gains and losses on re-measurement are recognized in profit or loss. Gains are not recognized in excess of any cumulative impairment loss.

Once classified as held for sale or distribution, intangible assets and property, plant and equipment are no longer amortised or depreciated.

#### 4.8 Provisions

A provision is recognized if, as a result of a past event, the Group has a present legal or constructive obligation that can be estimated reliably, and it is probable that an outflow of economic benefits will be required to settle the obligation. Provisions are determined by discounting the expected future cash flows at a pre-tax rate that reflects current market assessments of the time value of money and the risks specific to the liability.

##### 4.8.1 Warranties

A provision for warranties is recognized when the underlying services are sold, i.e. when the construction contracts are finished. The provision is based on historical warranty data and a weighting of all possible outcomes against their associated probabilities.

#### 4.9 Revenue

##### 4.9.1 Goods sold

Revenue from the sale of goods in the course of ordinary activities is measured at the fair value of the consideration received or receivable, net of returns, trade discounts and volume rebates. Revenue is recognized when persuasive evidence exists, usually in the form of an executed sales agreement, that the significant risks and rewards of ownership have been transferred to the customer, recovery of the consideration is probable, the associated costs and possible return of goods can be estimated reliably, there is no continuing management involve-

ment with the goods, and the amount of revenue can be measured reliably. If it is probable that discounts will be granted and the amount can be measured reliably, then the discount is recognized as a reduction of revenue as the sales are recognized.

The timing of the transfer of risks and rewards varies depending on the individual terms of the sales agreement (e.g. Incoterms conditions).

##### 4.9.2 Services

Revenue from services (e.g. maintenance, technical-administrative; installation) rendered is recognized in profit or loss in proportion to the stage of completion of the transaction at the reporting date. The stage of completion is assessed by reference to surveys of work performed.

##### 4.9.3 Construction contracts

Contract revenue includes the initial amount agreed in the contract plus any variations in contract work, claims and incentive payments, to the extent that it is probable that they will result in revenue and can be measured reliably. As soon as the outcome of a construction contract can be estimated reliably, contract revenue is recognized in profit or loss in proportion to the stage of completion of the contract. Contract expenses are recognized as incurred unless they create an asset related to future contract activity.

The stage of completion is measured by reference to the contract costs incurred up to the reporting date as a percentage of total estimated costs for each contract. When the outcome of a construction contract cannot be estimated reliably, contract revenue is recognized only to the extent of contract costs incurred that are likely to be recoverable. An expected loss on a contract is recognized immediately in profit or loss.

##### 4.9.4 Sale of electricity

Revenues from sale of electricity are coming from the sale of electricity produced and sold to the local electricity distributor. After the end of each month, the production reports are downloaded from the monitoring system and based on the data from the report, the invoices are issued. The revenues are recognized in accordance with the delivered electricity.

#### 4.10 Finance income and finance costs

Finance income comprises interest income on loans and net foreign currency gains. Interest income is recognized in profit or loss using the effective interest rate method.

Finance costs comprise interest expense on borrowings, bank account fees and net foreign currency losses. Interest expense is recognized using the effective interest rate method.

Borrowing costs that are not directly attributable to the acquisition, construction or production of a qualifying asset are recognized in profit or loss. Borrowing costs incurred by the Group directly attributable to the construction of power plants is capitalized in the cost of the related asset until the date of its completion.

Foreign currency gains and losses are reported on a net basis as either finance income or finance cost depending on whether foreign currency movements are in a net gain or net loss position.

#### 4.11 Income tax

Income tax expense comprises current and deferred tax. Current tax and deferred tax is recognized in profit or loss except to the extent that it relates to a business combination, or items recognized directly in equity or in other comprehensive income.

Current tax is the expected tax payable or receivable on the taxable income or loss for the year, using tax rates enacted or substantively enacted at the reporting date, and any adjustment to tax payable in respect of previous years.

Deferred tax is recognized in respect of temporary differences between the carrying amounts of assets and liabilities for financial reporting purposes and the amounts used for taxation purposes. Deferred tax is not recognized for:

- Temporary differences on the initial recognition of assets or liabilities in a transaction that is not a business combination and that affects neither accounting nor taxable profit or loss;
- Temporary differences related to investments in subsidiaries and jointly controlled entities to the extent that it is probable that they will not reverse in the foreseeable future; and
- Taxable temporary differences arising on the initial recognition of goodwill.

A deferred tax liability is recognized for assets revaluation reported in other comprehensive income and other temporary differences. Assets revaluation represents the revaluation of photovoltaic power plants described in note [4.4.1](#).

Deferred tax is measured at the tax rates that are expected to be applied to temporary differences when they reverse, based on the laws that have been enacted or substantively enacted by the reporting date.

Deferred tax assets and liabilities are offset if there is a legally enforceable right to offset current tax liabilities and assets, and they relate to income taxes levied by the same tax authority on the same taxable entity, or on different tax entities, but they intend to settle current tax liabilities and assets on a net basis or their tax assets and liabilities will be realised simultaneously.

A deferred tax asset is recognized for unused tax losses, tax credits and deductible temporary differences, to the extent that it is probable that future taxable profits will be available against which they can be utilised. Deferred tax assets are reviewed at each reporting date and are reduced to the extent that it is no longer probable that the related tax benefit will be realised.

#### 4.12 Earnings per share

The Group uses ordinary shares only. The Group presents basic earnings per share and total comprehensive income per share data.

Basic earnings per share is calculated by dividing the profit or loss attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the year.

Total comprehensive income per share is calculated by dividing the total comprehensive income attributable to ordinary shareholders of the Company by the weighted average number of ordinary shares outstanding during the year.

#### 4.13 Segment reporting

An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Group's other components. All operating segments' operating results are reviewed regularly by the Group's management and directors to make decisions about resources to be allocated to the segment and to assess its performance, and for which discrete financial information is available.

Segment results that are reported include items directly attributable to a segment as well as those that can be allocated on a reasonable basis. Unallocated items comprise mainly corporate assets (primarily the Company's office premises), head office expenses, and other minor expenses non-allocable to the any of the segments.

Segment capital expenditure is the total cost incurred during the year to acquire property, plant and equipment, and intangible assets other than goodwill.

## 5. Determination of fair values

A number of the Group's accounting policies and disclosures require the determination of fair value, for both financial and non-financial assets and liabilities. Fair values have been determined for measurement and/or disclosure purposes based on the following methods. When applicable, further information about the assumptions made in determining fair values is disclosed in the notes specific to that asset or liability.

### 5.1 Property, plant and equipment

The fair value of items of plant, equipment, fixtures and fittings is based on the market approach, using quoted market prices for similar items when available, or the income approach (an internally generated discounted cash-flow model) if there is no market based evidence of the fair value. Otherwise, the depreciated replacement cost approach will be used, when appropriate. The depreciated replacement cost estimates reflect adjustments for physical deterioration as well as functional and economic obsolescence.

For photovoltaic power plants market prices are not available. Therefore, the income approach is used. Under this approach the fair value of photovoltaic power plants was in previous years based on an internally generated discounted cash flow model, discounted at weighted average cost of capital. Cash flows were calculated for the period equal to the duration of the Feed-in-Tariff (period with guaranteed sales prices) in a given country and based on the expected after tax cost of debt and expected cost of equity. On a quarterly basis, management reviewed the expected debt costs of individual projects vis-a-vis actual interest cost, financial market conditions, and interest rate for a 15-year state bond. On a quarterly basis, management also reviewed expected cost of equity for the period of the cash flow model. The initial valuations were done as of the date of put in use of an individual power plant, and each model is periodically reviewed and any potential change in inputs is considered. The cash flow projections were prepared for 20 years in Czech Republic and 15 years in Slovak Republic, equal to the duration of the projects. Main inputs used in the models are the following: overall project budget, taxes, interest rates, reserve funds, feed in tariff, OPEX.

- The valuation for Czech SPVs (represented by option rights) was approximated by the current Project Value. Moreover the valuation was based on Unlevered Free Cash Flow to Firm (FCFF) basis of the SPVs. The FCFF calculation used in the valuation was consistent with the overall known definition and approaches.
- The valuation of the Slovak SPVs was based on the Unlevered Free Cash Flow to Firm (FCFF) basis of the SPVs. The discount rate was based on the Capital Asset Pricing Model ("CAPM"). The CAPM is used to determine the appropriate required rate of return of an asset, if that asset is to be added to an already well-diversified portfolio, given that asset's non-diversifiable risk.

The revaluation reserve created, based on the DCF models, was annually released to the retained earnings in the amount equal to the depreciation calculated from the amount of revaluation.

### Changes in valuation methodology in 2014

During summer 2014 the Group managed to change various conditions of senior bank financing at the project level. These changes consisted mainly of debt increase, changes in interest rates, changes in reserve accounts and in some cases extension of loan tenor (i.e. changes in debt repayment schedule). In addition to changes in project finance there were major changes in inputs for SK Portfolio and IT Portfolio that were not reflected in the old valuation models. These changes were imposing a new grid connection fee for Slovak projects and change in Feed in tariff mechanism for Italian projects.

Moreover the old methodology based on DCF Entity with not adjusting discount rates due to capital structure change tended to provide less accurate results on the value by DCF. Therefore the DCF Equity method with clear cash streams available to shareholders was chosen to provide significantly more accurate results, because all the changes in financing structure and related interest/principal payments are reflected undistorted.

### Changes in the valuation methodology

The DCF Equity valuation method is based on a Discounted Cash Flow method. This method includes the future cash flows available to the shareholders/providers of equity of photovoltaic projects (i.e. after all debt repayments and interests) that are later discounted by respective discount rates. On the contrary the old model was based on DCF Entity and included future cash flows available to the company.

The new valuation of the project keeps in mind the risk profile of future cash flows and the way the project is financed. The risk profile is represented by a discount rate (cost of equity levered). Due to existence of senior project finance the cost of equity calculated by CAPM formula is adjusted by Miller-Modigliani formula to achieve the most precise cost of equity levered for each project respecting its unique capital structure. On the contrary the old model used unchanging WACC as the cost of capital.

Another change of the valuation model is the change in discounting frequency. In the new valuation model, a quarterly discount is applied. This is based on the fact that debt repayments are happening on quarterly basis. This is effecting the overall change in financing structure and indirectly effecting cost of equity levered. On the contrary the old model discounted a yearly cashflow (mid-year convention).

Result of the revaluation based on the above described change amounted to EUR 6,581 thousand (see Note 23) in 2014.

This methodology and input parameters have not been changed in 2015.

## 5.2 Inventories

The fair value of inventories acquired in a business combination is determined based on the estimated selling price in the ordinary course of business less the estimated costs of completion and sale, and a reasonable profit margin based on the effort required to complete and sell the inventories.

## 5.3 Trade and other receivables

The fair value of trade and other receivables, excluding construction work in progress, but including service concession receivables, is estimated at the present value of future cash flows, discounted at the market rate of interest at the reporting date. This fair value is determined for disclosure purposes or when acquired in a business combination.

## 5.4 Non-derivative financial liabilities

The Group classifies non-derivative financial liabilities into the other financial liabilities category. Such financial liabilities are recognized initially at fair value (estimated at the present value of the future cash outflows discounted by effective interest rate) plus any directly attributable transaction costs. Subsequent to initial recognition, these financial liabilities are measured at amortised cost using the effective interest method. For finance leases the market rate of interest is determined by reference to similar lease agreements.

# 6. Financial risk management

## 6.1 Risk management framework

The Group's risk management policies are established to identify and analyse the risks faced by the Group, to set appropriate risk limits and controls, and to monitor risks and adherence to limits. Risk management policies and systems are reviewed regularly to reflect changes in market conditions and the Group's activities. The Group, through its training and management standards and procedures, aims to develop a disciplined and constructive control environment in which all employees understand their roles and obligations.

## 6.2 Sovereign Risk

The Company's results can be adversely affected by political or regulatory developments negatively impacting on the income streams of projects in the portfolio. A number of countries have already succumbed to retroactive measures reneging on existing agreements, guarantees and legislation by imposing levies, cancelling contracts or renegotiating terms unilaterally or by other measures reducing or in the worst case cancelling Feed in Tariffs for renewable energy investments. Legal remedies available to compensate investors for expropriation or other takings may be inadequate. Lack of legal certainty exposes projects in the portfolio to increased risk of adverse or unpredictable actions by government officials, and also makes it more difficult for us to enforce existing contracts. In some cases these risks can be partially offset by agreements to arbitrate disputes in an international forum, but the adequacy of this remedy may still depend on the local legal system to enforce the award.

## 6.3 Operational risk

The economic viability of energy production using photovoltaic power plants installations depends on Feed-in-Tariff (FiT) systems. The FiT system can be negatively affected by a number of factors including, but not limited to, a reduction or elimination in the FiT or green bonus per kWh produced, an elimination or

reduction of the indexation of the FiT and a shortening of the period for which the FiT applies to photovoltaic installations. On the investment side the Company faces uncertainty in relation to the approval process for the construction of photovoltaic installations, grid connection and the investment cost per kWp of installed capacity. The operating and financial results of the Company can be seriously affected by a sudden or significant change in the regulatory environment in each of the countries where the Company or its subsidiaries conduct business.

During the fourth quarter of 2010, the Czech parliament and the Czech government approved several changes in the legal framework governing certain aspects of the photovoltaic and other industries. Those changes included mainly: (i) a 3 years tax levy, newly introduced into the Czech tax system, of 26% on the revenues of photovoltaic power plants above 30kW of installed capacity, completed in the years 2009 and 2010, (ii) the abolishment of a six-year corporate income tax exemption for photovoltaic power plants, and (iii) a tenfold increase of the contractual fees previously agreed between the photovoltaic power plant operators and the state Land Fund for the extraction of certain classes of land from the state fund.

In September 2013, additional prolongation of the tax levy was approved. The percentage was decreased to 10% and applicability of this tax prolonged till end of the useful economic life of the power plants. The Company reflected this change in the DCF models for Czech SPVs already as of 30 September 2013. The fair value decrease was reflected in the value of assets, related deferred tax and other comprehensive income in 2013 financial statements.

## 6.4 Currency risk

The Group is exposed to a currency risk on sales, purchases and borrowings that are denominated in a currency other than the respective functional currencies of Group entities.

The transactions of the Group entities are denominated in CZK, CHF, EUR and AUD. There is no financial hedging used by the company against the currency risk. Company's management does not formally monitor the FX positions.

## 6.5 Credit risk

Credit risk is the risk of financial loss to the Group if a customer or counterparty to a financial instrument fails to meet its contractual obligations, and arises principally from the Group's receivables from customers, including the electricity distributors.

### Trade and other receivables

The Group's exposure to credit risk is influenced mainly by individual characteristics of each customer. However, management also considers the demographics of the Group's customer base, including the default risk of the industry and country in which customers operate, as these factors may have an influence on credit risk. In most cases, the Company requires advance payments (partial or 100%) for the delivery of electricity in order to minimise the credit risk. Additionally, in case of new customers, the company looks for market references of the potential customers that are available in public resources. The collections are regularly monitored by the responsible employees and any significant overdue receivables are discussed with the management of the company. Management of the company is responsible for the decision whether allowance is to be created or any other steps need to be performed.

The Group establishes an allowance for impairment that represents its estimate of incurred losses in respect of trade and other receivables.

### Cash and cash equivalents

The Group held cash and cash equivalents of EUR 5,297 thousand at 31 December 2015 (2014: EUR 4,631 thousand), which represents its maximum credit exposure on these assets. The cash and cash equivalents are held with banks and financial institution counterparties. Only those banks and financial institutions, which were approved by the members of the board of directors, can be used by the company.

Cash held by the SPVs under legal ownership of RL is restricted only for certain transactions, e.g. loan and related interest provided to those SPV's by Photon Energy N.V. (originally by Phoenix Energy a.s.) is subordinated to the loan from RL and will be paid only after the repayment of the RL loan. Total amount of the cash owned by these SPVs is EUR 4,103 thousand as at 31 December 2015 (2014: EUR 3,129 thousand).

## 6.6 Liquidity risk

Liquidity risk is the risk that the Group will encounter difficulty in meeting the obligations associated with its financial liabilities that are settled by delivering cash or another financial asset. The Group's approach to managing liquidity is to ensure, as far as

possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Group's reputation.

## 6.7 Interest risk

Interest rate risk is the risk that the value of a financial instrument will fluctuate due to changes in market interest rates. It is measured by the extent to which changes in market interest rates impact on net interest expense. The Company uses interest rate derivatives for managing the interest rate risk.

Slovak SPVs, consolidated in full or by using the equity method by the Group, own interest rate derivatives used for hedging. The purpose of the derivatives is to hedge against movement of interest rates. Concluding the derivative contract was one of conditions required by financing bank as defined in the Loan contract.

The change in fair value of these derivatives is recognized via equity of the Company and the result is shown in Derivatives reserve of the Company's equity since 1 January 2012. Until then, the change in fair value of the derivatives was recorded to profit and loss.

The Czech SPVs own interest rate derivatives. Concluding the derivative contract was one of conditions required by the financing bank as defined in the Loan contract. The change in value of these derivatives is recognized via Profit and loss as they do not meet criteria for the hedging derivatives.

### Capital management

The Group manages its capital to ensure that entities in the Group will be able to continue as a going concern while maximising the return to stakeholders through the optimisation of the debt and equity balance. The Group's overall strategy will unwind accordingly to the further negotiations with the Group's creditors.

The Group's net debt to adjusted equity ratio at the reporting date was as follows:

| <i>In thousand of EUR</i>                               | <b>2015</b> | <b>2014</b> |
|---------------------------------------------------------|-------------|-------------|
| Total liabilities                                       | 61,413      | 65,356      |
| Less: cash and cash equivalents                         | 5,297       | 4,631       |
| Net debt                                                | 56,116      | 60,725      |
| Total equity                                            | 28,541      | 28,185      |
| <b>Net debt to adjusted equity ratio at 31 December</b> | <b>1.97</b> | <b>2.15</b> |

There were no changes in the Group's approach to capital management during the year. A net debt to adjusted equity ratio shows lower indebtedness of the Group.

## 7. Operating segments

An operating segment is a component of the Group that engages in business activities from which it may earn revenues and incur expenses, including revenues and expenses that relate to transactions with any of the Group's other components. All operating segments' operating results are reviewed regularly by the Group's management and directors to make decisions about resources to be allocated to the segment and to assess its performance, and for which discrete financial information is available.

The Company's Management has assessed the Group's business from the segment reporting perspective and decided that the financial results of Photon Energy Group to be reported per segments from 1 January 2010.

As of 31 December 2013, Management Board has decided to decrease the number of segments reported:

The Management identified the following segments:

- Energy Solutions (wholesale and import of FVE components, engineering and construction services -turn-key photovoltaic systems' installations for external clients and Photon Energy),
- Production of electricity (includes SPE that finished building of photovoltaic power plants and those are connected to the distribution network and produce the electricity)

- FVE Investment – This segment represents OCI of the Group flowing from the revaluation of the FVE producing the electricity and it is related to project companies that generate the revenues as shown in segment Production of electricity.
- Operations, maintenance and PVPP supervision
- Other, not related to any of the above mentioned segments.

Other operations include the financing and insurance solutions for PV investors, intermediating investments in rooftop photovoltaic projects and other less significant activities. None of these operations meets any of the quantitative thresholds for determining reportable segments in 2015 or 2014.

Information regarding the results of each reportable segment is included below. Performance is measured based on segment profit after income tax, as included in the internal management reports that are reviewed by the Group's chief operating decision maker. Segment profit is used to measure performance as management believes that such information is the most relevant in evaluating the results of certain segments relative to other entities that operate within these industries.

## 7. Operating segments (continued)

### Information about reportable segments

#### Operating segments for the period from 1 January 2015 to 31 December 2015

| <i>in Thousand EUR</i>                                                 | Energy Solutions | Production of electricity | Operations, maintenance and PVPP supervision | FVE Investments | Other         | Total for segments | Elimination   | Consolidated financial information |
|------------------------------------------------------------------------|------------------|---------------------------|----------------------------------------------|-----------------|---------------|--------------------|---------------|------------------------------------|
| External revenues from the sale of products, goods and services        | 1,793            | 10,600                    | 782                                          | 0               | 147           | 13,321             | 0             | 13,321                             |
| Revenues within segments from the sale of products, goods and services | 481              | 48                        | 1,167                                        | 0               | 3,357         | 5,052              | -5,052        | 0                                  |
| Cost of sale                                                           | -1,507           | -578                      | -790                                         | 0               | -274          | -3,150             | 705           | -2,444                             |
| Energy tax                                                             | 0                | -743                      | 0                                            | 0               | 0             | -743               | 0             | -743                               |
| <b>Gross profit</b>                                                    | <b>767</b>       | <b>9,326</b>              | <b>1,159</b>                                 | <b>0</b>        | <b>3,229</b>  | <b>14,481</b>      | <b>-4,347</b> | <b>10,134</b>                      |
| Other external income                                                  | 0                | 0                         | 0                                            | 0               | 0             | 0                  | 0             | 0                                  |
| Administrative and other expenses                                      | -1,296           | -500                      | -2,319                                       | 0               | -4,218        | -8,334             | 4,325         | -4,009                             |
| Depreciation                                                           | 0                | -4,980                    | -19                                          | 0               | -35           | -5,033             | 0             | -5,033                             |
| <b>Operating income</b>                                                | <b>-530</b>      | <b>3,847</b>              | <b>-1,180</b>                                | <b>0</b>        | <b>-1,024</b> | <b>1,113</b>       | <b>0</b>      | <b>1,113</b>                       |
| Interest income                                                        | 19               | 134                       | 36                                           | 0               | 280           | 470                | -397          | 72                                 |
| Interest expenses                                                      | -31              | -2,388                    | -56                                          | 0               | -1,126        | -3,602             | 397           | -3,204                             |
| Other financial revenues                                               | 0                | 0                         | 0                                            | 0               | 903           | 903                | 0             | 903                                |
| Other financial expenses                                               | -16              | -13                       | -12                                          | 0               | -91           | -132               | 0             | -132                               |
| Revaluation of derivatives                                             | 0                | 220                       | 0                                            | 0               | 0             | 220                | 20            | 240                                |
| Profit/loss share in entities in equivalency                           | 0                | 0                         | 0                                            | 91              | 0             | 91                 | 0             | 91                                 |
| Income tax                                                             | 0                | -589                      | 0                                            | 0               | 0             | -589               | 0             | -589                               |
| <b>Profit/loss after taxation from continuing operations</b>           | <b>-559</b>      | <b>1,210</b>              | <b>-1,212</b>                                | <b>91</b>       | <b>-1,057</b> | <b>-1,526</b>      | <b>20</b>     | <b>-1,507</b>                      |
| Profit/loss from discontinued operations                               | 0                | 181                       | -394                                         | 0               | 0             | -213               | 0             | -213                               |
| <b>Profit/loss for the year</b>                                        | <b>-559</b>      | <b>1,391</b>              | <b>-1,606</b>                                | <b>91</b>       | <b>-1,057</b> | <b>-1,739</b>      | <b>20</b>     | <b>-1,720</b>                      |
| Revaluation of property, plant and equipment                           | 0                | 0                         | 0                                            | 0               | 0             | 0                  | 0             | 0                                  |
| Foreign currency translation diff. - foreign operations                | 0                | 0                         | 0                                            | 0               | 803           | 803                | 0             | 803                                |
| Share of revaluation of PPE of associates /joint venture               | 0                | 0                         | 0                                            | 0               | 0             | 0                  | 0             | 0                                  |
| Share of currency translation diff. Of associates / JV                 | 0                | 0                         | 0                                            | 0               | 0             | 0                  | 0             | 0                                  |
| Derivatives (hedging)                                                  | 0                | 162                       | 0                                            | 0               | 0             | 162                | 0             | 162                                |
| <b>Total comprehensive income</b>                                      | <b>-559</b>      | <b>1,552</b>              | <b>-561</b>                                  | <b>91</b>       | <b>-1,279</b> | <b>-775</b>        | <b>20</b>     | <b>-755</b>                        |

| <i>in Thousand EUR</i>                            | Energy Solutions | Production of electricity | Operations, maintenance and PVPP supervision | FVE Investments | Other          | Total for segments | Elimination    | Consolidated financial information |
|---------------------------------------------------|------------------|---------------------------|----------------------------------------------|-----------------|----------------|--------------------|----------------|------------------------------------|
| <b>Assets, of which</b>                           | <b>1,524</b>     | <b>87,740</b>             | <b>1,860</b>                                 | <b>2,195</b>    | <b>11,027</b>  | <b>104,346</b>     | <b>-14,394</b> | <b>89,953</b>                      |
| PPE – Lands                                       | 0                | 2,859                     | 0                                            | 0               | 0              | 2,859              | 0              | 2,859                              |
| PPE – Photovoltaic power plants                   | 0                | 73,818                    | 0                                            | 0               | 0              | 73,818             | 0              | 73,818                             |
| PPE - Equipment                                   | 1                | 0                         | 51                                           | 0               | 88             | 140                | 0              | 140                                |
| PPE – Assets in progress                          | 0                | 7                         | 3                                            | 0               | 0              | 9                  | 0              | 9                                  |
| Intangibles                                       | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Trade and other receivables                       | 1,328            | 5,165                     | 1,527                                        | 0               | 10,341         | 18,362             | 14,381         | 3,981                              |
| Loans                                             | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Gross amount due from customers for contract work | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Inventories – Goods                               | 172              | 532                       | 189                                          | 0               | 31             | 924                | 0              | 924                                |
| Investments in associates, JV, other              | 0                | 0                         | 1                                            | 2,195           | 0              | 2,196              | 0              | 2,196                              |
| Deferred tax receivables                          | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Long term receivables                             | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Prepaid expenses                                  | 8                | 160                       | 29                                           | 0               | 504            | 701                | 13             | 688                                |
| Assets held for sale                              | 0                | 0                         | 39                                           | 0               | 0              | 39                 | 0              | 39                                 |
| Cash and cash equivalents                         | 15               | 5,199                     | 21                                           | 0               | 63             | 5,297              | 0              | 5,297                              |
| <b>Liabilities, of which</b>                      | <b>-2,827</b>    | <b>-51,556</b>            | <b>-4,737</b>                                | <b>0</b>        | <b>-16,685</b> | <b>-75,805</b>     | <b>14,392</b>  | <b>-61,413</b>                     |
| Trade and other payables                          | -2,815           | -3,424                    | -4,565                                       | 0               | -7,744         | -18,549            | 14,392         | -4,157                             |
| Bank Loans and other loans                        | 0                | -42,068                   | 0                                            | 0               | -808           | -42,875            | 0              | -42,875                            |
| Other long term liabilities                       | 0                | 0                         | -94                                          | 0               | -8,060         | -8,154             | 0              | -8,154                             |
| Other short term liabilities                      | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Current tax liabilities (income tax)              | -13              | -583                      | -78                                          | 0               | -73            | -747               | 0              | -747                               |
| Provisions                                        | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Deferred tax liabilities                          | 0                | -5,481                    | 0                                            | 0               | 0              | -5,481             | 0              | -5,481                             |

## Operating segments for the period from 1 January 2014 to 31 December 2014

| <i>in Thousand EUR</i>                                                 | Energy Solutions | Production of electricity | Operations, maintenance and PVPP supervision | FVE Investments | Other         | Total for segments | Elimination   | Consolidated financial information |
|------------------------------------------------------------------------|------------------|---------------------------|----------------------------------------------|-----------------|---------------|--------------------|---------------|------------------------------------|
| External revenues from the sale of products, goods and services        | 470              | 10,159                    | 898                                          | 0               | 233           | 11,760             | 0             | 11,760                             |
| Revenues within segments from the sale of products, goods and services | 164              | 0                         | 909                                          | 0               | 4,366         | 5,440              | -5,440        | 0                                  |
| Cost of sale                                                           | -360             | -159                      | -220                                         | 0               | -283          | -1,023             | 308           | -714                               |
| Energy tax                                                             | 0                | -682                      | 0                                            | 0               | 0             | -682               | 0             | -682                               |
| <b>Gross profit</b>                                                    | <b>275</b>       | <b>9,318</b>              | <b>1,587</b>                                 | <b>0</b>        | <b>4,316</b>  | <b>15,496</b>      | <b>-5,132</b> | <b>10,364</b>                      |
| Other external income                                                  | 0                | 0                         | 8                                            | 0               | 20            | 27                 | 0             | 27                                 |
| Administrative and other expenses                                      | -530             | -1,784                    | -2,620                                       | 0               | -7,763        | -11,796            | 5,803         | -6,895                             |
| Depreciation                                                           | -2               | -4,375                    | -9                                           | 0               | -34           | -4,420             | 0             | -4,420                             |
| <b>Operating income</b>                                                | <b>-257</b>      | <b>3,159</b>              | <b>-1,035</b>                                | <b>0</b>        | <b>-2,560</b> | <b>-693</b>        | <b>671</b>    | <b>-923</b>                        |
| Interest income                                                        | 20               | 68                        | 30                                           | 0               | 709           | 827                | -775          | 52                                 |
| Interest expenses                                                      | -32              | -2,640                    | -50                                          | 0               | -1,107        | -3,840             | 895           | -2,935                             |
| Other financial revenues                                               | 151              | 0                         | 0                                            | 0               | 15            | 166                | 0             | 166                                |
| Other financial expenses                                               | -16              | -2,298                    | -12                                          | 0               | -184          | -2,510             | 0             | -2,510                             |
| Disposal of investments                                                | 0                | 0                         | 0                                            | 0               | 1,081         | 1,081              | 0             | 1,081                              |
| Profit/loss share in entities in equivalency                           | 0                | 0                         | 0                                            | 70              | 0             | 70                 | 0             | 70                                 |
| Income tax                                                             | 0                | -45                       | 11                                           | 0               | 0             | -34                | 0             | -34                                |
| <b>Profit/loss after taxation</b>                                      | <b>-134</b>      | <b>-1,756</b>             | <b>-1,056</b>                                | <b>70</b>       | <b>-2,057</b> | <b>-5,824</b>      | <b>790</b>    | <b>-5,034</b>                      |
| Revaluation of property, plant and equipment                           | 0                | 6,581                     | 0                                            | 0               | 0             | 6,581              | 0             | 6,581                              |
| Foreign currency translation diff. - foreign operations                | 0                | 612                       | 0                                            | 0               | 0             | 612                | 0             | 612                                |
| Share of revaluation of PPE of associates /joint venture               | 0                | -568                      | 0                                            | 0               | 0             | -568               | 0             | -568                               |
| Share of currency translation diff. Of associates / JV                 | 0                | 0                         | 0                                            | 0               | 0             | 0                  | 0             | 0                                  |
| Derivatives (hedging)                                                  | 0                | -125                      | 0                                            | 0               | 0             | -125               | 0             | -125                               |
| <b>Total comprehensive income</b>                                      | <b>-134</b>      | <b>4,744</b>              | <b>-1,056</b>                                | <b>70</b>       | <b>-2,057</b> | <b>676</b>         | <b>790</b>    | <b>1,466</b>                       |

| <i>in Thousand EUR</i>                            | Energy Solutions | Production of electricity | Operations, maintenance and PVPP supervision | FVE Investments | Other          | Total for segments | Elimination    | Consolidated financial information |
|---------------------------------------------------|------------------|---------------------------|----------------------------------------------|-----------------|----------------|--------------------|----------------|------------------------------------|
| <b>Assets, of which</b>                           | <b>710</b>       | <b>90,884</b>             | <b>1,682</b>                                 | <b>2,086</b>    | <b>12,591</b>  | <b>107,953</b>     | <b>-14,411</b> | <b>93,542</b>                      |
| PPE – Lands                                       | 0                | 2,853                     | 0                                            | 0               | 0              | 2,853              | 0              | 2,853                              |
| PPE – Photovoltaic power plants                   | 0                | 78,479                    | 0                                            | 0               | 0              | 78,479             | 0              | 78,479                             |
| PPE - Equipment                                   | 0                | 0                         | 110                                          | 0               | 102            | 212                | 0              | 212                                |
| PPE – Assets in progress                          | 0                | 5                         | 0                                            | 0               | 0              | 5                  | 0              | 5                                  |
| Intangibles                                       | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Trade and other receivables                       | 605              | 4,570                     | 1,383                                        | 0               | 11,355         | 17,913             | -14,411        | 3,502                              |
| Loans                                             | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Gross amount due from customers for contract work | 51               | 0                         | 0                                            | 0               | 212            | 262                | 0              | 262                                |
| Inventories – Goods                               | 21               | 394                       | 133                                          | 0               | 135            | 683                | 0              | 683                                |
| Investments in associates, JV, other              | 0                | 0                         | 10                                           | 2,086           | 0              | 2,096              | 0              | 2,096                              |
| Deferred tax receivables                          | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Long term receivables                             | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Prepaid expenses                                  | 9                | 93                        | 11                                           | 0               | 706            | 818                | 0              | 818                                |
| Assets held for sale                              | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Cash and cash equivalents                         | 25               | 4,489                     | 36                                           | 0               | 81             | 4,631              | 0              | 4,631                              |
| <b>Liabilities, of which</b>                      | <b>-1,229</b>    | <b>-57,802</b>            | <b>-3,384</b>                                | <b>0</b>        | <b>-17,353</b> | <b>-79,768</b>     | <b>14,411</b>  | <b>-65,356</b>                     |
| Trade and other payables                          | -1,229           | -6,908                    | -3,347                                       | 0               | -8,047         | -19,530            | 14,411         | -5,119                             |
| Bank Loans and other loans                        | 0                | -45,823                   | 0                                            | 0               | -1,277         | -47,101            | 0              | -47,101                            |
| Other long term liabilities                       | 0                | 0                         | 0                                            | 0               | -7,979         | -7,979             | 0              | -7,979                             |
| Other short term liabilities                      | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Current tax liabilities (income tax)              | 0                | -10                       | -38                                          | 0               | -50            | -97                | 0              | -97                                |
| Provisions                                        | 0                | 0                         | 0                                            | 0               | 0              | 0                  | 0              | 0                                  |
| Deferred tax liabilities                          | 0                | -5,061                    | 0                                            | 0               | 0              | -5,061             | 0              | -5,061                             |

## 7. Operating segments (continued)

All the operational segments are managed on an international basis (not on a country level). In 2015 the Group operated in the Czech Republic, Slovak Republic, Italy, Germany, Australia, Switzerland and Netherlands with headquarters in Netherlands.

In 2015, revenues were generated in all above mentioned markets, except of Netherlands. Non-current assets (power plants) are located in the Czech Republic, Slovak Republic and Australia.

For the booking of transactions between the segments, the same rules for the recognition are applied as for the third parties.

In 2015, revenues increased in all segments. The increase has been caused mainly by higher trading and engineering activity in Energy solutions segment and higher production in Production of electricity segment. Decrease in Operations & Maintenance segment is minimal.

When presenting geographical information below, segment revenue is based on the geographical location of entities generating the revenues. Segment assets are based on the geographical location of the assets.

### Revenue

| <i>In thousand of EUR</i>    | 2015          | 2014          |
|------------------------------|---------------|---------------|
| The Czech Republic           | 9,636         | 8,049         |
| Australia                    | 822           | 234           |
| Italy                        | 57            | 406           |
| Germany                      | 161           | 491           |
| Netherlands                  | 0             | 0             |
| The Slovak Republic          | 2,776         | 2,580         |
| <b>Consolidated revenues</b> | <b>13,452</b> | <b>11,760</b> |

Revenues presented under Germany also comprise revenues for the entity Photon Energy Operations DE.

The revenues associated to this entity are reported on the Comprehensive income statement as separate from revenue from continued operations, and are presented in the position "Profit for the year from discontinued operations".

### Non-current assets <sup>(i)</sup>

| <i>In thousand of EUR</i> | 2015          | 2014          |
|---------------------------|---------------|---------------|
| The Czech Republic        | 59,201        | 60,509        |
| The Slovak Republic       | 17,604        | 18,730        |
| Italy                     | 0             | 1,797         |
| Germany                   | 0             | 489           |
| Australia                 | 22            | 24            |
| <b>Total</b>              | <b>76,827</b> | <b>81,549</b> |

**Note:** (i) Non-current assets presented consist mainly of property, plant and equipment (lands, photovoltaic power plants, other equipment, and assets under construction), investments in equity-accounted investees and other investments.

### Major customer

The Group has many customers. For the companies selling electricity, there is usually only one distribution company, which buys produced electricity. These local electricity distributors further deliver and resell electricity to final customers. Distribu-

tors are obliged to purchase all of the electricity production for the price based on Feed in Tariff prices and can be also exchanged for different distributor operating on the market. The Group as such is not dependent on any individual customer.

## 8. Current assets held for sale

### Assets classified as held for sale

As of 31 December 2015, Photon Energy Operations GmbH was classified as held for sale. The carrying amounts of assets, liabilities and profit & loss are summarized below:

| <i>In thousand of EUR</i> | <b>2015</b> |
|---------------------------|-------------|
| Assets                    | 61          |
| Liabilities               | -49         |
| <b>Total</b>              | <b>12</b>   |

| <i>In thousand of EUR</i> | <b>2015</b> |
|---------------------------|-------------|
| Revenues                  | 131         |
| Administrative expenses   | -134        |
| Personnel expenses        | -389        |
| Depreciation              | -3          |
| <b>Total</b>              | <b>-395</b> |

No assets held for sale were booked as of 31 December 2014.

## 9. Acquisitions of subsidiary and non-controlling interests; financial information for the joint ventures and associates

### 9.1 Establishment of new subsidiaries

During 2015, Photon Energy N.V. (directly or via its subsidiaries) did not incorporate any new subsidiary.

During 2014, Photon Energy N.V. (directly or via its subsidiaries) did not incorporate any new subsidiary.

### 9.2 Acquisitions of subsidiaries

During 2015, Photon Energy N.V. (directly or via its subsidiaries) did not acquire any new subsidiary.

During 2014, Photon Energy N.V. (directly or via its subsidiaries) acquired the following entity:

- Global Investment Protection AG

It was acquired with the aim to provide effective protection tools to Renewable Energy investors.

### Other developments in 2015

During 2015, Photon Energy N.V. did not merge any of its subsidiaries. Photon Energy Technology B.V. was liquidated as of 1 December 2015.

Photon SPV 5 s.r.o. was renamed to Photon Energy Control s.r.o.

### Mergers 2014:

- Merger of Photon Energy Engineering EU GmbH with Photon DE SPV 1 GmbH
- Merger of Photon Energy N.V. and Photon Energy Investments N.V.

### 9.3 Financial information for the joint ventures and associates

#### Joint ventures and associates

Investments in equity-accounted investees amounting to EUR 2,195 thousand (2014: EUR 2,086 thousand) represent the nominal share in the joint ventures and associates owned by the Group. Revaluation of joint ventures was performed in the financial year 2014 of EUR and equaled to a loss of EUR 568 thousand.

## 2015:

| <i>In thousand of EUR</i>  | Photon SK SPV 1 | Solarpark Myjava | Solarpark Polianka | Fotonika      | Total  |
|----------------------------|-----------------|------------------|--------------------|---------------|--------|
| definition                 | joint venture   | joint venture    | joint venture      | joint venture |        |
| share                      | 50%             | 50%              | 50%                | 60%           |        |
| share on equity            | -586            | -366             | -669               | -575          | -2,195 |
| share of profit            | 23              | 13               | -1                 | 35            | 70     |
| Other comprehensive income | -211            | -12              | 26                 | -286          | -483   |
| Total comprehensive income | -188            | 0                | 25                 | -251          | -413   |
| Cash and cash equivalents  | 243             | 256              | 243                | 338           | 1,081  |
| current assets             | 268             | 283              | 270                | 347           | 1,168  |
| long-term assets           | 2,904           | 2,489            | 3,161              | 2,944         | 11,498 |
| current liabilities        | -449            | -318             | -395               | -441          | -1,603 |
| long-term liabilities      | -1,571          | -1,730           | -1,719             | -1,916        | -6,936 |
| expenses                   | 346             | 380              | 352                | 397           | 1,475  |
| revenues                   | -387            | -427             | -376               | -455          | -1,646 |

## 2014:

| <i>In thousand of EUR</i>     | Photon SK SPV 1 | Solarpark Myjava | Solarpark Polianka | Fotonika      | Total  |
|-------------------------------|-----------------|------------------|--------------------|---------------|--------|
| definition                    | joint venture   | joint venture    | joint venture      | joint venture |        |
| share                         | 50%             | 50%              | 50%                | 60%           |        |
| share on equity               | -578            | -354             | -645               | -509          | -2,086 |
| revaluation performed in 2014 | -2              | -104             | -123               | -60           | -293   |
| share of profit               | 23              | 13               | -1                 | 35            | 70     |
| Other comprehensive income    | -211            | -12              | 26                 | -286          | -483   |
| Total comprehensive income    | -188            | 0                | 25                 | -252          | -413   |
| Cash and cash equivalents     | 200             | 229              | 220                | 222           | 871    |
| current assets                | 225             | 258              | 255                | 239           | 977    |
| long-term assets              | 3,064           | 2,656            | 3,328              | 3,119         | 12,167 |
| current liabilities           | -429            | -303             | -404               | -424          | -1,560 |
| long-term liabilities         | -1,723          | -1,911           | -1,888             | -2,110        | -7,632 |
| expenses                      | 316             | 383              | 363                | 369           | 1,431  |
| revenues                      | -362            | -408             | -360               | -427          | -1,558 |

All of the entities included in the above table are accounted for using the equity method of consolidation as at 31. December 2015 and have been accounted using the equity method also in the financial year 2014.

The joint ventures can distribute profit only after agreement of the financing bank and the approval of the co-owner of the entity (via the general meeting).

## Disposals in 2015

- 1) Photon Energy Polska
- 2) Photon DE SPV 3 GmbH
- 3) Photon IT SPV1 s.r.l.
- 4) Photon IT SPV2 s.r.l.

| <i>In thousand of EUR</i>            | IT SPV 1 | IT SPV 2 | DE SPV 3 | PE Polska | Total |
|--------------------------------------|----------|----------|----------|-----------|-------|
| cash&cash held                       | 4        | 2        | 10       | 0         | 16    |
| net assets                           | -8       | -32      | 6        | -12       | -46   |
| local cost of FI                     | 114      | -124     | 72       | 1         | 63    |
| sales price                          | 42       | 66       | 55       | 1         | 164   |
| loss/profit from the sale            | 148      | -90      | 133      | -10       | 181   |
| total consideration received in cash | 312      | 1772     | 56       | 1         | 2141  |

## Disposals in 2014

- 1) Photon Energy Operations IT Srl.
- 2) Photon Energy Projects Srl
- 3) Photon Energy Projects BV
- 4) Photon Energy Investments IT N.V.

The total profit from sale of these subsidiaries amounted in 2015 to EUR 181 thousand (comparing to a profit of EUR 1,081 thousand in 2014) by comparing the net assets of the disposed subsidiaries and sales price.

## 10. Revenue

| <i>In thousand of EUR</i> | <b>2015</b>   | <b>2014</b>   |
|---------------------------|---------------|---------------|
| Sales of goods            | 880           | 391           |
| Rendering of services     | 1,841         | 1,210         |
| Sale of electricity       | 10,600        | 10,159        |
|                           | <b>13,321</b> | <b>11,760</b> |

In 2015, revenues increased in all segments, except of Operations & Maintenance. The increase has been caused mainly by higher trading and engineering activity in Energy solutions seg-

ment and higher production in Production of electricity segment. Decrease in Operations & Maintenance segment is minimal.

## 11. Cost of sales

Main expenses' classes represent material consumed, cost of goods sold, 3rd party services received, depreciation and other expenses, such as travelling or representation costs.

| <i>In thousand of EUR</i>                                   | <b>2015</b>   | <b>2014</b> |
|-------------------------------------------------------------|---------------|-------------|
| Material consumed                                           | -87           | -229        |
| Goods (invertors, etc)                                      | -1,507        | -405        |
| Services (3 <sup>rd</sup> party services received)          | -486          | -11         |
| Other (representation, travelling, NBV of assets sold, etc) | -224          | -           |
| Change of allowances for receivables/reserves               | -140          | -91         |
|                                                             | <b>-2,444</b> | <b>-714</b> |

Cost of sales consists mainly of material and goods necessary for construction of photovoltaic power plants and related services. Its increase is caused mainly by higher consumption of material, goods and subcontracted services for the project realized during 2015.

### 11.1 Tax levy

| <i>In thousand of EUR</i> | <b>2015</b> | <b>2014</b> |
|---------------------------|-------------|-------------|
| 10%/26% tax levy          | -743        | -682        |
|                           | <b>-743</b> | <b>-682</b> |

For detailed information about the tax levy refer to Note 6.2.

## 12. Other income

| <i>In thousand of EUR</i> | <b>2015</b> | <b>2014</b> |
|---------------------------|-------------|-------------|
| Other income              | 0           | 27          |
|                           | <b>0</b>    | <b>27</b>   |

Other income included revenues of companies providing O&M services to customers, as well as services provided by operating companies that do not represent their day-to-day business (e.g.

insurance & sale arrangements). In 2015, there was no such income.

## 13. Other expenses

Other expenses comprise of other taxes, penalties and other minor expenses.

| <i>In thousand of EUR</i> | <b>2015</b> | <b>2014</b>   |
|---------------------------|-------------|---------------|
| Other taxes and fees      | -1          | -6            |
| Penalties and fines       | -           | -49           |
| Receivables write-off     | -194        | -902          |
| Other expenses            | -42         | -177          |
|                           | <b>-237</b> | <b>-1,134</b> |

## 14. Administrative and personnel expenses

| <i>In thousand of EUR</i>                           | <b>2015</b>   | <b>2014</b>   |
|-----------------------------------------------------|---------------|---------------|
| Wages and salaries                                  | -1,921        | -2,627        |
| Social and health insurance *                       | -191          | -192          |
| Fuel consumption                                    | -             | -1            |
| Consulting, legal and other administrative services | -1,639        | -2,941        |
|                                                     | <b>-3,751</b> | <b>-5,761</b> |

\*Pension costs are integral part of social security expenses

As of 31 December 2015 the Group employs 59 employees. 4 are employed in Slovakia by Slovak entities; 3 in Germany, 5 in Australia and 2 in the Netherlands. The remaining employees are employed in the Czech Republic.

As of 31 December 2014 the Group employed 73 employees. 4 were employed in Slovakia by Slovak entities; 8 in Germany, 4 in

Italy, 5 in Australia and 2 in the Netherlands. The remaining employees were employed in the Czech Republic.

Rental expenses of the Group amount to EUR 80 thousand annually. The Company is not involved in long-term rental lease contracts.

## 15. Finance income and finance costs

| <i>In thousand of EUR</i>                 | 2015          | 2014          |
|-------------------------------------------|---------------|---------------|
| Interest income on loans and receivables  | 72            | 52            |
| Net disposal of associates                | -             | 1,081         |
| Release of allowances                     | 903           | -             |
| Revaluation of derivatives                | 240           | 166           |
| <b>Finance income</b>                     | <b>1,215</b>  | <b>1,298</b>  |
| Interest expense on loans and receivables | -3,204        | -2,935        |
| Net bank account fees                     | -76           | -291          |
| Fx Losses (netto)                         | -56           | 9             |
| Loss from derivatives                     | -             | -2,227        |
| VAT related interest costs                | -             | -             |
| <b>Finance costs</b>                      | <b>-3,336</b> | <b>-5,453</b> |
| <b>Net finance income / costs</b>         | <b>-2,121</b> | <b>-4,145</b> |

## 16. Income tax expense

### 16.1 Income tax recognized in profit or loss

| <i>In thousand of EUR</i>             | 2015        | 2014       |
|---------------------------------------|-------------|------------|
| <b>Current tax expense</b>            |             |            |
| Current year                          | -542        | -13        |
|                                       | <b>-542</b> | <b>-13</b> |
| <b>Deferred tax expense</b>           |             |            |
| Temporary differences (margin on PPV) | -47         | -21        |
| <b>Total tax expense</b>              | <b>-47</b>  | <b>-34</b> |

### 16.2 Income tax recognized in other comprehensive income

| <i>In thousand of EUR</i>                     | For the year ended 31 December 2015 |             |            | For the year ended 31 December 2014 |               |            |
|-----------------------------------------------|-------------------------------------|-------------|------------|-------------------------------------|---------------|------------|
|                                               | Before tax                          | Tax expense | Net of tax | Before tax                          | Tax expense   | Net of tax |
| Revaluation of property, plant and equipment  | -                                   | -           | -          | 8,125                               | -1,544        | 6,581      |
| <b>Total deferred tax for the revaluation</b> |                                     | <b>-</b>    |            |                                     | <b>-1,544</b> |            |

Deferred tax related to the release of revaluation of EUR 384 thousand is recorded in Profit and Loss.

### 16.3 Reconciliation of effective tax rate

| <i>In thousand of EUR</i>                                          | <b>%</b> | <b>2015</b>   |
|--------------------------------------------------------------------|----------|---------------|
| <b>Loss before income tax</b>                                      |          | <b>-1,131</b> |
| Tax using the Company's domestic tax rate                          | 25%      | -283          |
| Effect of tax rates difference in foreign jurisdictions            | -6%      | 68            |
| <b>Non-deductible expenses</b>                                     |          |               |
| Interest expenses                                                  | 0%       | 0             |
| other                                                              | 25%      | -280          |
| Recognition of tax effect previously unrecognized tax losses       | 11%      | -130          |
| Current year losses for which no deferred tax asset was recognized | -3%      | 35            |
| <b>Total tax expenses</b>                                          |          | <b>-589</b>   |

| <i>In thousand of EUR</i>                                          | <b>%</b> | <b>2014</b>   |
|--------------------------------------------------------------------|----------|---------------|
| <b>Loss before income tax</b>                                      |          | <b>-5,000</b> |
| Tax using the Company's domestic tax rate                          | 25%      | -1,250        |
| Effect of tax rates difference in foreign jurisdictions            | -6%      | 300           |
| <b>Non-deductible expenses</b>                                     |          |               |
| Interest expenses                                                  | 0%       | 0             |
| other                                                              | 0%       | 0             |
| Recognition of tax effect previously unrecognized tax losses       | 4%       | -200          |
| Current year losses for which no deferred tax asset was recognized | -24%     | 1,184         |
| <b>Total tax expenses</b>                                          |          | <b>-34</b>    |

## 17. Property, plant and equipment

| <i>In thousand of EUR</i>                 | <b>Land</b>  | <b>Photovoltaic power plant</b> | <b>Other equipment</b> | <b>In progress</b> | <b>Total</b>   |
|-------------------------------------------|--------------|---------------------------------|------------------------|--------------------|----------------|
| <b>Carrying amounts</b>                   |              |                                 |                        |                    |                |
| At 31 December 2014                       | 2,853        | 79,280                          | 672                    | 4                  | 82,809         |
| At 31 December 2015                       | 2,859        | 73,749                          | 209                    | 9                  | 76,827         |
| <b>Gross revalued amount</b>              |              |                                 |                        |                    |                |
| Balance at 1 January 2014                 | 2,822        | 88,470                          | 467                    | 320                | 92,079         |
| Other Additions                           | 0            | 0                               | 0                      | 0                  | 0              |
| Transfer from assets in progress          | 0            | 315                             | 0                      | -315               | 0              |
| Disposals                                 | 0            | 0                               | 0                      | 0                  | 0              |
| Revaluation increase                      | 0            | 6,581                           | 0                      | 0                  | 6,581          |
| Effect of movements in exchange rates     | 32           | 961                             | 109                    | 0                  | 1,102          |
| <b>Balance at 31 December 2014</b>        | <b>2,853</b> | <b>96,327</b>                   | <b>576</b>             | <b>5</b>           | <b>99,762</b>  |
| Balance at 1 January 2015                 | 2,853        | 96,327                          | 576                    | 5                  | 99,762         |
| Other Additions                           | 0            | 0                               | 50                     | 4                  | 54             |
| Transfer from assets in progress          | 0            | 0                               | 0                      | 0                  | 0              |
| Disposals                                 | 0            | -1,800                          | 0                      | 0                  | -1,800         |
| Revaluation increase                      | 0            | 0                               | 0                      | 0                  | 0              |
| Effect of movements in exchange rates     | 6            | 2,053                           | 0                      | 0                  | 2,059          |
| <b>Balance at 31 December 2015</b>        | <b>2,859</b> | <b>96,580</b>                   | <b>626</b>             | <b>9</b>           | <b>100,075</b> |
| <b>Depreciation and impairment losses</b> |              |                                 |                        |                    |                |
| Balance at 1 January 2014                 | 0            | 13,428                          | 330                    | 0                  | 13,758         |
| Depreciation for the year                 | 0            | 4,420                           | 34                     | 0                  | 4,454          |
| Impairment loss                           | 0            | 0                               | 0                      | 0                  | 0              |
| Effect of movements in exchange rates     | 0            | 0                               | 0                      | 0                  | 0              |
| <b>Balance at 31 December 2014</b>        | <b>0</b>     | <b>17,848</b>                   | <b>364</b>             | <b>0</b>           | <b>18,212</b>  |
| Balance at 1 January 2015                 | 0            | 17,848                          | 364                    | 0                  | 18,212         |
| Depreciation for the year                 | 0            | 4,983                           | 50                     | 0                  | 5,033          |
| Impairment loss                           | 0            | 0                               | 0                      | 0                  | 0              |
| Effect of movements in exchange rates     | 0            | 0                               | 0                      | 0                  | 0              |
| <b>Balance at 31 December 2015</b>        | <b>0</b>     | <b>22,831</b>                   | <b>414</b>             | <b>0</b>           | <b>23,245</b>  |
| <b>Carrying amounts</b>                   |              |                                 |                        |                    |                |
| At 31 December 2014                       | 2,853        | 78,479                          | 212                    | 5                  | 81,549         |
| At 31 December 2015                       | 2,859        | 73,749                          | 209                    | 9                  | 76,827         |

## 17. Property, plant and equipment (continued)

### Revaluation details by power plants

| <i>In thousand of EUR</i>        |            | <b>Net book value<br/>at costs as at<br/>31 December<br/>2015</b> | <b>Net book value<br/>at FV as at<br/>31 December<br/>2015</b> | <b>Net book value<br/>at costs as at<br/>31 December<br/>2014</b> | <b>Net book value<br/>at FV as at<br/>31 December<br/>2014</b> |
|----------------------------------|------------|-------------------------------------------------------------------|----------------------------------------------------------------|-------------------------------------------------------------------|----------------------------------------------------------------|
| <b>Photovoltaic power plants</b> | <b>kWp</b> |                                                                   |                                                                |                                                                   |                                                                |
| Breclav - ZS                     | 137        | 627                                                               | 1,048                                                          | 676                                                               | 1,072                                                          |
| Cukrovar Slavkov                 | 1,159      | 1,473                                                             | 4,693                                                          | 1,631                                                             | 4,800                                                          |
| Dolni Dvoriste                   | 1,64       | 1,522                                                             | 6,549                                                          | 1,730                                                             | 6,739                                                          |
| Komorovice                       | 2,354      | 1,606                                                             | 8,901                                                          | 1,891                                                             | 9,175                                                          |
| Mostkovice Mostkovice plocha     | 1,135      | 3,251                                                             | 4,052                                                          | 3,378                                                             | 4,132                                                          |
| Prerov Radvanice                 | 2,305      | 2,309                                                             | 9,206                                                          | 2,614                                                             | 9,412                                                          |
| Svatoslav pozemek                | 1,231      | 4,063                                                             | 4,931                                                          | 4,204                                                             | 5,087                                                          |
| Zdice I                          | 1,498      | 3,750                                                             | 5,807                                                          | 3,935                                                             | 5,998                                                          |
| Zdice II                         | 1,498      | 2,240                                                             | 5,990                                                          | 2,430                                                             | 6,124                                                          |
| Zvikov                           | 2,031      | 2,158                                                             | 8,162                                                          | 2,400                                                             | 8,402                                                          |
| Mokr   L  ka II                  | 990        | 1,452                                                             | 2,629                                                          | 1,581                                                             | 2,806                                                          |
| Mokr   L  ka III                 | 990        | 1,780                                                             | 2,623                                                          | 1,909                                                             | 2,799                                                          |
| Jovice V                         | 990        | 1,801                                                             | 2,404                                                          | 1,919                                                             | 2,557                                                          |
| Jovice VI                        | 990        | 1,628                                                             | 2,393                                                          | 1,741                                                             | 2,544                                                          |
| Babina II                        | 999        | 1,471                                                             | 2,690                                                          | 1,638                                                             | 2,875                                                          |
| Babina III                       | 999        | 2,397                                                             | 2,683                                                          | 2,562                                                             | 2,867                                                          |
| Blatn                            | 700        | 2,452                                                             | 1,848                                                          | 2,561                                                             | 1,972                                                          |
| Verderio                         | 261        | 0                                                                 | 0                                                              | 764                                                               | 295                                                            |
| Biella                           | 993        | 0                                                                 | 0                                                              | 2,517                                                             | 1,469                                                          |
| Kita Haffring                    | 25         | 0                                                                 | 0                                                              | 0                                                                 | 0                                                              |
| Feuerwehr Brandenburg            | 75         | 0                                                                 | 0                                                              | 74                                                                | 74                                                             |
| Halle Altentreptow               | 156        | 0                                                                 | 0                                                              | 186                                                               | 180                                                            |
|                                  |            | <b>35,980</b>                                                     | <b>76,608</b>                                                  | <b>42,342</b>                                                     | <b>81,333</b>                                                  |

In 2014, in the Consolidated statement of comprehensive income the revaluation of property plant and equipment of EUR 6,581 is shown net decreased by the value of deferred tax liability equal to EUR 1,544 thousand as shown in Note 16.2.

In 2015 the Group did not capitalize into assets any borrowing costs (2014: EUR 0 thousand).

The Group has purchased several intangible assets, however these cannot be classified as intangibles. These assets that include mainly rights to build the power plant, or rights to use land for power plant building are classified as property plant and equipment. They are represented as an inseparable part of photovoltaic power plants. The total amount of these rights amounted to EUR 1,375 (2014: EUR 1,375).

#### Security

At 31 December 2015 properties with a carrying amount of EUR 76,608 thousand (2014: EUR 79,314 thousand) are subject to a registered debenture to secure bank loans (see note 25); including as at 31 December 2015:

- Property, plant and equipment - Lands in an amount of EUR 2,526 thousand pledged to RL and EUR 333 thousand pledged to UniCredit Bank Slovakia a.s.
- Property, plant and equipment - Photovoltaic power plants in an amount of EUR 56,811 thousand pledged to RL
- Property, plant and equipment - Photovoltaic power plants in an amount of EUR 16,938 thousand pledged to UniCredit Bank Slovakia a.s.

#### Property, plant and equipment under construction

Property, plant and equipment equaled to the amount of EUR 9 thousand (2014: EUR 5 thousand).

#### Sale of property, plant and equipment

In 2015, proceeds from sales of property, plant and equipment amounted to EUR 0 thousand (2014: EUR 0 thousand).

## 18. Other investments

| <i>In thousand of EUR</i>                         | 2015     | 2014      |
|---------------------------------------------------|----------|-----------|
| <b>Non-current investments</b>                    |          |           |
| Other investments measured at cost <sup>(1)</sup> | 1        | 10        |
|                                                   | <b>1</b> | <b>10</b> |

**Notes:** (1) The equity investments represent shares in IPVIC GBR.

## 19. Deferred tax assets and liabilities

### Recognized deferred tax assets and liabilities

Deferred tax assets and liabilities are attributable to the following:

#### 2015:

| <i>In thousand of EUR</i>           | Assets       |            |              | Liabilities    |             |               | Net           |               |               |
|-------------------------------------|--------------|------------|--------------|----------------|-------------|---------------|---------------|---------------|---------------|
|                                     | 2015         | y-y change | 2014         | 2015           | y-y change  | 2014          | 2015          | y-y change    | 2014          |
| Property, plant and equipment       | 4,457        | 0          | 4,457        | -10,411        | -420        | -9,991        | -5,954        | -1,694        | -5,534        |
| Inventories (allowance)             | 0            | 0          | 0            | 0              | 0           | 0             | 0             | 0             | 0             |
| Construction contracts              | 0            | 0          | 0            | 0              | 0           | 0             | 0             | 0             | 0             |
| Receivables (allowances)            | 0            | 0          | 0            | 0              | 0           | 0             | 0             | 0             | 0             |
| Employee benefits                   | 0            | 0          | 0            | 0              | 0           | 0             | 0             | 0             | 0             |
| Tax loss carry-forwards             | 473          | 0          | 473          | 0              | 0           | 0             | 473           | 0             | 473           |
| <b>Tax assets (liabilities)</b>     | <b>4,930</b> | <b>0</b>   | <b>4,930</b> | <b>-10,411</b> | <b>-420</b> | <b>-9,991</b> | <b>-5,481</b> | <b>-1,694</b> | <b>-5,061</b> |
| <b>Net tax assets (liabilities)</b> | <b>4,930</b> | <b>0</b>   | <b>4,930</b> | <b>-10,411</b> | <b>-420</b> | <b>-9,991</b> | <b>-5,481</b> | <b>-1,694</b> | <b>-5,061</b> |

#### 2014:

| <i>In thousand of EUR</i>           | Assets       |            |              | Liabilities   |               |               | Net           |               |               |
|-------------------------------------|--------------|------------|--------------|---------------|---------------|---------------|---------------|---------------|---------------|
|                                     | 2014         | y-y change | 2013         | 2014          | y-y change    | 2013          | 2014          | y-y change    | 2013          |
| Property, plant and equipment       | 4,457        | 0          | 4,594        | -9,991        | -1,694        | -8,434        | -5,534        | -1,694        | -3,840        |
| Inventories (allowance)             | 0            | 0          | 0            | 0             | 0             | 0             | 0             | 0             | 0             |
| Construction contracts              | 0            | 0          | 0            | 0             | 0             | 0             | 0             | 0             | 0             |
| Receivables (allowances)            | 0            | 0          | 0            | 0             | 0             | 0             | 0             | 0             | 0             |
| Employee benefits                   | 0            | 0          | 0            | 0             | 0             | 0             | 0             | 0             | 0             |
| Tax loss carry-forwards             | 473          | 0          | 473          | 0             | 0             | 0             | 473           | 0             | 473           |
| <b>Tax assets (liabilities)</b>     | <b>4,930</b> | <b>0</b>   | <b>5,067</b> | <b>-9,991</b> | <b>-1,694</b> | <b>-8,434</b> | <b>-5,061</b> | <b>-1,694</b> | <b>-3,367</b> |
| <b>Net tax assets (liabilities)</b> | <b>4,930</b> | <b>0</b>   | <b>5,067</b> | <b>-9,991</b> | <b>-1,694</b> | <b>-8,434</b> | <b>-5,061</b> | <b>-1,694</b> | <b>-3,367</b> |

## 19. Deferred tax assets and liabilities (continued)

### Movement in temporary differences during the year

| <i>In thousand of EUR</i>    | Balance as at<br>31 December<br>2013 | Recognized in<br>profit or loss | Recognized in<br>OCI of which Fx<br>translation | Recognized in<br>OCI of which DT<br>from revaluation | Balance as at<br>31 December<br>2014 | Recognized in<br>profit or loss | Recognized in<br>OCI of which Fx<br>translation | Recognized in<br>OCI of which DT<br>from revaluation | Balance as at<br>31 December<br>2015 |
|------------------------------|--------------------------------------|---------------------------------|-------------------------------------------------|------------------------------------------------------|--------------------------------------|---------------------------------|-------------------------------------------------|------------------------------------------------------|--------------------------------------|
| Property plant and equipment | -3,840                               | -21                             | -129                                            | -1,544                                               | -5,534                               | 12                              | -432                                            | 0                                                    | -5,954                               |
| Inventories                  | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    |
| Construction contracts       | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    |
| Receivables                  | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    |
| Employee benefits            | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    | 0                               | 0                                               | 0                                                    | 0                                    |
| Tax loss carry-forwards      | 473                                  | 0                               | 0                                               | 0                                                    | 473                                  | 0                               | 0                                               | 0                                                    | 473                                  |
| <b>Total</b>                 | <b>-3,367</b>                        | <b>-21</b>                      | <b>-129</b>                                     | <b>-1,544</b>                                        | <b>-5,061</b>                        | <b>12</b>                       | <b>-432</b>                                     | <b>0</b>                                             | <b>-5,481</b>                        |

## 20. Inventories

| <i>In thousand of EUR</i>       | <b>2015</b> | <b>2014</b> |
|---------------------------------|-------------|-------------|
| Goods                           | 924         | 683         |
| Gross amount due from customers | -           | 262         |
|                                 | <b>924</b>  | <b>945</b>  |

Goods consist mainly of photovoltaic panels, invertors and other system components.

The cost of inventories recognized as an expense in cost of sales during the year in respect of continuing operations amounted to EUR 1,507 thousand (31 December 2014: EUR 573 thousand).

## 21. Trade and other receivables

### Trade receivables

| <i>in thousand of EUR</i>    | <b>Note</b> | <b>2015</b> | <b>2014</b>  |
|------------------------------|-------------|-------------|--------------|
| Trade receivables            | 28.2        | 917         | 1,152        |
| Allowance for doubtful debts | 28.2        | 0           | 0            |
|                              |             | <b>917</b>  | <b>1,152</b> |

The average credit period on sales of goods and services is 25 days. No interest is charged. The Group recognizes an allowance for doubtful debts according to individual assessment. If the receivables are individually not significant the Company recognizes a potential allowance for doubtful debts based on the collective assessment. However Company usually does not

create allowances as the receivables are usually overdue 1–2 months.

During 2015 receivables in the total amount of EUR 194 thousand were written-off (2014: EUR 902 thousand were written-off).

### Other receivables

| <i>in thousand of EUR</i>          | <b>Note</b> | <b>2015</b>  | <b>2014</b>  |
|------------------------------------|-------------|--------------|--------------|
| Paid advances                      |             | 387          | 156          |
| Loans to directors                 | 29.1        | 103          | 81           |
| Loans to associates joint ventures | 29.1        | 0            | 0            |
| Other receivables                  |             | 2,552        | 2,113        |
| Other loans                        |             | 0            | 0            |
|                                    |             | <b>3,042</b> | <b>2,350</b> |

Prepaid expenses amounted to EUR 688 thousand in 2015 (2014: EUR 818 thousand) and include mainly bond-related costs (EUR 435 thousand). Other receivables includes mainly a VAT receivable (EUR 84 thousand); advances paid (EUR 387 thousand); deferred revenue (EUR 88 thousand) and loans

provided to companies originally included in the Group (EUR 1,396 thousand).

Advances paid represent advances paid to suppliers mainly for photovoltaic panels.

## 22. Cash and cash equivalents

For the purposes of the consolidated statement of cash flows cash and cash equivalents include cash on hand and at banks. Cash and cash equivalents at the end of the reporting period as

shown in the consolidated statement of cash flows can be reconciled to the related items in the consolidated statement of financial position as follows:

| <i>In thousand of EUR</i>        | <b>2015</b>  | <b>2014</b>  |
|----------------------------------|--------------|--------------|
| Bank balances                    | 5,297        | 4,631        |
| Cash on hand                     | 0            | 0            |
| <b>Cash and cash equivalents</b> | <b>5,297</b> | <b>4,631</b> |

Cash held by the SPVs under legal ownership of the RL is restricted only for certain transactions e.g. loan and related interest provided to those SPV's by Photon Energy N.V. (originally by Photon Energy a.s.) is subordinated to the loan from RL and will

be paid only after the repayment of the RL loan. Total amount of the cash owned by these SPVs is EUR 4,103 thousand at 31 December 2015 (2014: EUR 3,128 thousand).

## 23. Capital and reserves

During 2015 and 2014, any specific transactions were performed within the capital structure of the Group.

### Share capital and share premium

#### Ordinary shares

| <i>In thousand of shares</i>                | <b>2015</b>       |
|---------------------------------------------|-------------------|
| <b>On issue at 1 January 2015</b>           | <b>60,000,000</b> |
| <b>On issue at 31 December – fully paid</b> | <b>60,000,000</b> |

The Company's share capital is EUR 600,000 divided into 60,000 000 shares with a nominal value of EUR 0.01 each. The share capital is fully paid-up.

#### Ordinary shares

All shares rank equally with regard to the Company's residual assets.

The holders of ordinary shares are entitled to receive dividends as declared from time to time and are entitled to one vote per share at the shareholders' meetings of the Company.

As of 31 December 2015 the shareholder structure was as follows.

| <b>Shareholder</b>                         | <b>No. of shares</b> | <b>% of capital</b> | <b>No. of votes at the Shareholders Meeting</b> | <b>% of votes at the Shareholders Meeting</b> |
|--------------------------------------------|----------------------|---------------------|-------------------------------------------------|-----------------------------------------------|
| Solar Age Investments B.V.                 | 28,263,974           | 47,11%              | 28,263,974                                      | 55,69%                                        |
| Solar Future Cooperatief U.A.              | 8,590,683            | 14,32%              | 8,590,683                                       | 16,93%                                        |
| Solar Power to the People Cooperatief U.A. | 8,051,919            | 13,42%              | 8,051,919                                       | 15,86%                                        |
| Photon Energy N.V.                         | 9,244,794            | 15,41%              | 0                                               | 0,00%                                         |
| Free float                                 | 5,848,630            | 9,75%               | 5,848,630                                       | 11,52%                                        |
| <b>Total</b>                               | <b>60,000,000</b>    | <b>100,00%</b>      | <b>50,755,206</b>                               | <b>100,00%</b>                                |

As of 31 December 2014 the shareholder structure was as follows.

| Shareholder                                | No. of shares     | % of capital | No. of votes at the Shareholders Meeting | % of votes at the Shareholders Meeting |
|--------------------------------------------|-------------------|--------------|------------------------------------------|----------------------------------------|
| Solar Age Investments B.V.                 | 28,263,074        | 47.10%       | 28,263,074                               | 55.9%                                  |
| Solar Future Cooperatief U.A.              | 8,590,739         | 14.3%        | 8,590,739                                | 17%                                    |
| Solar Power to the People Cooperatief U.A. | 8,036,573         | 13.4%        | 8,036,573                                | 15.9%                                  |
| Photon Energy N.V.                         | 9,434,910         | 16.7%        | 0                                        | 0.0%                                   |
| Free float                                 | 5,674,504         | 8.5%         | 5,674,504                                | 11.2%                                  |
| <b>Total</b>                               | <b>60,000,000</b> | <b>100%</b>  | <b>50,000,000</b>                        | <b>100%</b>                            |

## Reserves

The reserves relate to the legal reserve; the revaluation of property, plant and equipment - photovoltaic power plants the hedging reserve and the currency translation reserve. Refer below.

| <i>In thousand of EUR</i>            | <b>2015</b>   | <b>2014</b>   |
|--------------------------------------|---------------|---------------|
| Legal reserve                        | 10            | 10            |
| Revaluation reserve                  | 25,415        | 27,704        |
| Foreign currency translation reserve | -975          | -1,778        |
| Hedging derivatives                  | -420          | -582          |
|                                      | <b>24,030</b> | <b>25,354</b> |

## Legal reserve

The legal reserve is a reserve required by the Czech commercial law and Slovak commercial law. It has been created from the prior years' profit of the Czech and Slovak entities based on the approval of the general meeting.

The legal reserve amounts to EUR 10 thousand at 31 December 2015 (2014: EUR 10 thousand).

## Revaluation reserve

| <i>In thousand of EUR</i>                                         | <b>2015</b>   | <b>2014</b>   |
|-------------------------------------------------------------------|---------------|---------------|
| Balance at beginning of year                                      | 27,704        | 22,835        |
| Increase arising on revaluation of properties net of deferred tax | 0             | 6,581         |
| Share on revaluation of PPE of associates JV                      | 0             | -568          |
| Share of non-controlling interest                                 | 0             | 0             |
| Increase arising on revaluation of properties-associates JV       | 0             | 0             |
| Share on non-controlling interest                                 | 0             | 0             |
| Impairment losses                                                 | 0             | 0             |
| Reversals of impairment losses                                    | 0             | 0             |
| Move from revaluation reserve to retained earnings                | -2,289        | -1,144        |
| NCI release                                                       | 0             | 0             |
| <b>Balance at end of year</b>                                     | <b>25,415</b> | <b>27,704</b> |

The revaluation reserve arises on the revaluation of photovoltaic power plants. The revaluation reserve is being released to the retained earnings during the duration of Feed-in-Tariff-currently 20 years. The amount equal to the amount of depreciation coming from revaluation released in 2015 is equal to EUR 2,289

thousand (2014: EUR 1,144 thousand). There was no revaluation performed in 2015. The revaluation for the year 2014 amounts to EUR 6,013 thousand net of tax (2014: EUR 6,013 thousand). See note [16](#) and [17](#).

For NCI release description, refer to statement of changes in equity.

The revaluation reserve as such cannot be distributed only the amounts released to retained earnings can be distributed to the shareholder.

### Foreign currency translation reserve

| <i>In thousand of EUR</i>                                       | <b>2015</b> | <b>2014</b>   |
|-----------------------------------------------------------------|-------------|---------------|
| Balance at beginning of year                                    | -1,778      | -2,390        |
| Foreign currency translation differences for foreign operations | 803         | 612           |
| <b>Balance at end of year</b>                                   | <b>-975</b> | <b>-1,778</b> |

The foreign currency translation reserve comprises all foreign currency differences arising from the translation of the financial statements of operations using different currency from Euro. It relates to Czech Republic and Australia.

### Derivatives hedging reserve

| <i>In thousand of EUR</i>           | <b>2015</b> | <b>2014</b> |
|-------------------------------------|-------------|-------------|
| Balance at beginning of year        | -582        | -457        |
| Derivatives                         | 162         | -89         |
| Share on non-controlling interest   | 0           | 0           |
| Share on derivatives joint ventures | 0           | -36         |
| Share on non-controlling interest   | 0           | 0           |
| Release of non-controlling interest | 0           | 0           |
| <b>Balance at end of year</b>       | <b>-420</b> | <b>-582</b> |

### Dividends

There were no dividends declared and paid by the Company in 2015 and 2014.

## 24. Earnings per share

| <i>In EUR</i>                        | 2015    | 2014    |
|--------------------------------------|---------|---------|
| Basic earnings per share             | (0.034) | (0.1)   |
| Diluted earnings per share           | (0.029) | (0.083) |
| Total comprehensive income per share | (0.015) | (0.038) |

### Basic earnings per share

The calculation of basic earnings per share at 31 December 2015 was based on the loss attributable to ordinary shareholders of loss EUR 1,720 thousand (2014: loss EUR 5,042 thousand) and a weighted average number of ordinary shares outstanding of 50,067 thousand (2014: 50,000 thousand). The calculation of

diluted earnings per share as 31 December 2015 was based on on the loss attributable to ordinary shareholders of loss EUR 1,720 thousand (2014: loss EUR 5,042 thousand) and a weighted average number of total shares outstanding of 60,000 thousand.

### Profit (loss) attributable to ordinary shareholders

| <i>In thousand of EUR</i>                           | Profit (loss) attributable to ordinary shareholders |        |
|-----------------------------------------------------|-----------------------------------------------------|--------|
|                                                     | 2015                                                | 2014   |
| Profit (loss) for the year                          | -1,725                                              | -5,034 |
| Profit (loss) attributable to ordinary shareholders | -1,720                                              | -5,042 |

### Weighted average number of ordinary shares

There were any new shares issued in 2015. The number of shares at the year-end 2015, 2014 and 2013 was 60,000,000.

Share on profit of equity-accounted investees amounted to EUR 5 thousand (2014: EUR 70 thousand).

### Basic and diluted total comprehensive income per share

The calculation of total comprehensive earnings per share (the calculation is the same for the diluted EPS) at 31 December 2015 and 2014 was based on the total comprehensive income (loss) attributable to ordinary shareholders of EUR (-755) thousand (2014: EUR (-1,466) thousand) and a weighted average number of ordinary shares outstanding of 60,000 thousand (2014: 60,000 thousand).

## 25. Loans and borrowings

This note provides information about the contractual terms of the Group's interest-bearing loans and borrowings, which are measured at amortised cost.

| <i>In thousand of EUR</i>                       | 2015          | 2014          |
|-------------------------------------------------|---------------|---------------|
| <b>Non-current liabilities</b>                  |               |               |
| Long-term secured bank loans                    | 38,499        | 41,889        |
| Long-term portion of other loans                | 538           | 1,178         |
| <b>Total</b>                                    | <b>39,037</b> | <b>43,067</b> |
| <b>Current liabilities</b>                      |               |               |
| Current portion of long-term secured bank loans | 3,569         | 3,385         |
| Short-term secured bank loans                   | 0             | 0             |
| Current portion of other loans                  | 269           | 649           |
| <b>Total</b>                                    | <b>3,838</b>  | <b>4,034</b>  |
| <b>Total loans &amp; borrowings</b>             | <b>42,876</b> | <b>47,101</b> |

## Terms and debt repayment schedule

Terms and conditions of outstanding loans were as follows:

| In thousand of EUR                        | Currency | Nominal interest rate | Year of maturity | 31.12.2015    |               | 31.12.2014    |                 |
|-------------------------------------------|----------|-----------------------|------------------|---------------|---------------|---------------|-----------------|
|                                           |          |                       |                  | Credit limit  | Credit limit  | Credit limit  | Carrying amount |
| Secured bank loan*                        | CZK      | 5.19%                 | 5.1.2021         | 30,060        | 30,060        | 32,082        | 32,082          |
| Secured bank loan                         | EUR      | 3M EURIBOR+2.7%       | 30.6.2024        | 4,971         | 4,971         | 5,519         | 5,519           |
| Secured bank loan                         | EUR      | 3M EURIBOR+2.7%       | 31.12.2024       | 7,038         | 7,038         | 7,673         | 7,673           |
| Other loan                                | EUR      | 3%                    | 12.3.2018        | 808           | 808           | 1,277         | 1,277           |
| Other loan                                | EUR      | 3%                    | 31.12.2017       | 0             | 0             | 550           | 550             |
| <b>Total interest bearing liabilities</b> |          |                       |                  | <b>42,876</b> | <b>42,876</b> | <b>47,101</b> | <b>47,101</b>   |

In 2015, no refinancing was performed. On 30 December 2015 a contract on refinancing of the Czech portfolio was concluded, the actual flow of money was performed in January 2016.

In July/August 2014, refinancing of the Slovak portfolio has been performed with additional release of DSRA accounts. Based on the new contractual conditions interest rate was agreed to 3M EURIBOR + 2.7% and due dates have been also adjusted (see table above). Total increase for the fully consolidated SPVs was equal to EUR 1,645 thousand.

In July 2014 additional increase of loans on the Czech SPVs was performed. Total amount of the increase equaled to CZK 60,000 thousand. Increase is not hedged and is on float of PRIBOR 3M + 4.3 % p.a. This increase was distributed to PEINV (merged with

PENV) in the form of loan (SPVs to PEINV) with interest rate of 3M PRIBOR + 5.3% p.a.

All secured bank loans are secured by SPVs assets of power plants including real estate if any and technology receivables generated by power plants. In case of secured bank loans denominated in CZK nearly all power plants are cross-collateralized.

### Covenants

The project financing sets certain operational conditions to be met by each power plant with Debt Service Coverage Ratio (DSCR) typically above 1.20.

All power plants met the DSCR criteria as of 31 December 2015.

## 26. Trade and other payables

### Trade payables

| In thousand of EUR    | 2015         | 2014         |
|-----------------------|--------------|--------------|
| Payables to suppliers | 1,061        | 1,219        |
|                       | <b>1,061</b> | <b>1,219</b> |

### Other payables

| In thousand of EUR                        | 2015         | 2014         |
|-------------------------------------------|--------------|--------------|
| Advances received                         | 116          | 14           |
| Accrued expenses                          | 252          | 365          |
| Deferred revenues                         | 0            | 0            |
| Payables to employees                     | 474          | 489          |
| Payables to health and social authorities | 101          | 231          |
| Derivatives                               | 1,576        | 1,838        |
| Other payables-loans                      | 528          | 963          |
| Other                                     | 0            | 0            |
|                                           | <b>3,047</b> | <b>3,900</b> |

Accrued expenses include mainly not invoiced deliveries of goods (technology) and services provided.

Other payables-loans represented loans provided by originally intercompany companies that were sold out of the group during 2012 and have been eliminated in the prior period. An interest charge of 3% was applied to the outstanding balances. These are

not classified as loans and borrowing as they have not been provided by financial institution or bank but former subsidiaries.

At 31 December 2015 retentions held by customers for contract work amounted to EUR 5 thousand (31 December 2014: EUR 21 thousand). Advances received from customers for contract work amounted to EUR 116 thousand (31 December 2014: EUR 44 thousand).

## 27. Other long-term and short-term liabilities

### 27.1 Other long term liabilities

| <i>In thousand of EUR</i>           | <b>2015</b>  | <b>2014</b>  |
|-------------------------------------|--------------|--------------|
| VAT payables                        | 0            | 0            |
| Long term liability from income tax | 0            | 0            |
| Other long-term loans               | 0            | 0            |
| Other long-term liabilities         | 94           | 454          |
| Bond                                | 8,060        | 7,525        |
|                                     | <b>8,154</b> | <b>7,979</b> |

In February and March 2013 PEINV placed an 8% corporate bond in Germany, Austria, the Czech Republic, Slovakia and Poland. The bond is listed on the stock exchanges in Frankfurt, München, Berlin, Hamburg, Hannover and Vienna.

The bond coupon is paid quarterly and the bond is due in 5 years from issuance. Bond related costs in the amount of ap-

proximately EUR 850 thousand have been accrued for a period of 5 years and are regularly released in the P&L. The outstanding balance as of 31 December 2015 in the amount of EUR 435 thousand is included in Prepaid expenses.

### 27.2 Other short term liabilities

| <i>In thousand of EUR</i> | <b>2015</b> | <b>2014</b> |
|---------------------------|-------------|-------------|
| VAT liability             | 0           | 0           |
| Other liabilities         | 0           | 97          |
|                           | <b>0</b>    | <b>97</b>   |

### 27.3 Current tax liability

Other liabilities in amount of EUR 747 thousand represent payable for other taxes. This liability relates mainly to the Czech SPVs and is result of their actual annual result.

## 28. Financial instruments

The major financial risks faced by the Company are those related to credit exposures, exchange change risk, interest rate risk and tax levy risk. These risks are managed in the following manner.

### 28.1 Liquidity Risk

Liquidity risk is the risk that the Company will not be able to meet its financial obligations as they fall due. The Group's ap-

proach to managing liquidity is to ensure, as far as possible, that it will always have sufficient liquidity to meet its liabilities when due, under both normal and stressed conditions, without incurring unacceptable losses or risking damage to the Company's reputation.

The following are the contractual maturities of financial liabilities including estimated interest payments and excluding the impact of netting agreements:

#### 31 December 2015

| <i>In thousand of EUR</i>                   | Carrying amount | Contractual cash flows | 1–12 months   | 1–2 years    | 2–5 years     | More than 5 years |
|---------------------------------------------|-----------------|------------------------|---------------|--------------|---------------|-------------------|
| <b>Non-derivative financial liabilities</b> |                 |                        |               |              |               |                   |
| Secured bank and other loans                | 42,068          | 48,850                 | 4,560         | 4,415        | 13,770        | 26,104            |
| Other loans                                 | 808             | 848                    | 293           | 285          | 269           | 0                 |
| Trade payables                              | 1,061           | 1,061                  | 1,061         | 0            | 0             | 0                 |
| Bond                                        | 8,060           | 9,511                  | 645           | 645          | 8,221         | 0                 |
| Other payables                              | 2,728           | 2,728                  | 2,728         | 0            | 0             | 0                 |
| Tax payables                                | 747             | 747                    | 747           | 0            | 0             | 0                 |
|                                             | <b>55,472</b>   | <b>63,744</b>          | <b>10,034</b> | <b>5,346</b> | <b>22,261</b> | <b>26,104</b>     |

#### 31 December 2014

| <i>In thousand of EUR</i>                   | Carrying amount | Contractual cash flows | 1–12 months  | 1–2 years    | 2–5 years     | More than 5 years |
|---------------------------------------------|-----------------|------------------------|--------------|--------------|---------------|-------------------|
| <b>Non-derivative financial liabilities</b> |                 |                        |              |              |               |                   |
| Secured bank and other loans                | 45,274          | 55,913                 | 4,568        | 4,418        | 12,969        | 33,958            |
| Other loans                                 | 1,827           | 1,943                  | 702          | 488          | 752           | 0                 |
| Trade payables                              | 1,219           | 1,219                  | 1,219        | 0            | 0             | 0                 |
| Tax payables                                | 0               | 0                      | 0            | 0            | 0             | 0                 |
|                                             | <b>48,319</b>   | <b>59,075</b>          | <b>6,489</b> | <b>4,906</b> | <b>13,721</b> | <b>33,958</b>     |

In 2015, other loans consisted of an loan provided by a non-bank financial institution therefore it is classified as other loan. The interest rate charged was 3%.

## 28. Financial instruments (continued)

### 28.1 Liquidity risk (continued)

It is not expected that the cash flows included in the maturity analysis could occur significantly earlier, or at significantly different amounts.

#### Effective interest rates and re-pricing analysis

In respect of interest-bearing financial liabilities, the following tables indicate their effective interest rates at the reporting date

and the periods in which they re-price. The table includes only loans with variable interest rate and the balance is shown in a period within 6 months, as the interest rate is changed within this period.

For 2015, none of the bank loans have a variable interest rate (the Czech portfolio has a fixed interest rate and the Slovak portfolio interest rates are hedged), therefore the table below includes only those hedged (Slovak SPVs).

2015:

| <i>In thousand of EUR</i> | Effective interest rate | Total          | 6 months or less | 6–12 months | 1–5 years | Fixed interest rate |
|---------------------------|-------------------------|----------------|------------------|-------------|-----------|---------------------|
| Bank loans                | 2.82%                   | -12,008        | -12,008          | 0           | 0         | 0                   |
| <b>Total</b>              |                         | <b>-12,008</b> | <b>-12,008</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>            |

2014:

| <i>In thousand of EUR</i> | Effective interest rate | Total          | 6 months or less | 6–12 months | 1–5 years | Fixed interest rate |
|---------------------------|-------------------------|----------------|------------------|-------------|-----------|---------------------|
| Bank loans                | 2.82%                   | -13,192        | -13,192          | 0           | 0         | 0                   |
| <b>Total</b>              |                         | <b>-13,192</b> | <b>-13,192</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>            |

### 28.2 Credit risk

#### Exposure to credit risk

Credit risk is the risk of financial loss occurring as a result of default by a borrower or counterparty on their obligation to the Company.

The Company's exposure to credit risk is disclosed in the tables below that show the analysis of credit quality of financial assets:

#### Trade and other receivables

| <i>In thousand of EUR</i>                             | 2015       | 2014         |
|-------------------------------------------------------|------------|--------------|
| <b>Financial assets</b>                               |            |              |
| Not due yet                                           | 524        | 538          |
| Overdue 180 days or less                              | 323        | 541          |
| Overdue over 180 days                                 | 70         | 73           |
| <b>Total</b>                                          | <b>917</b> | <b>1,152</b> |
| <b>Out of which</b>                                   |            |              |
| Overdue 180 days or less                              | 0          | 0            |
| Overdue over 180 days                                 | 0          | 0            |
| Impairment loss to trade receivables overdue 360 days | 0          | 0            |
| <b>Total overdue impaired</b>                         | <b>0</b>   | <b>0</b>     |
| <b>Total overdue not impaired</b>                     | <b>393</b> | <b>576</b>   |
| <b>Total financial assets after impairment</b>        | <b>917</b> | <b>1,152</b> |

| <i>In thousand of EUR</i>                    | 2015 |
|----------------------------------------------|------|
| Allowance for receivables as at 31. 12. 2014 | 0    |
| Creation of allowance in 2015                | 0    |
| Allowance for receivables as at 31. 12. 2015 | 0    |

The Group believes that the other unimpaired amounts that are past due by more than 30 days are still collectible based on historic payment behavior; business relationships or management judgment.

Based on historic default rates, the Group believes that apart from the above no impairment allowance is necessary in respect of trade receivables not past due or past due by up to 30 days.

### 28.3 Interest rate risk

Interest rate risk is the risk that the value of a financial instrument will fluctuate due to changes in market interest rates. It is measured by the extent to which changes in market interest rates impact on net interest expense.

At the reporting date the interest rate profile of the Group's interest-bearing financial instruments was:

| <i>In thousand of EUR</i>        | Carrying amount |                |
|----------------------------------|-----------------|----------------|
|                                  | 2015            | 2014           |
| <b>Interest rate instruments</b> |                 |                |
| Financial assets                 | 0               | 0              |
| Financial liabilities            | -42,876         | -47,101        |
|                                  | <b>-42,876</b>  | <b>-47,101</b> |

Financial liabilities comprise short-term and long-term bank loans (see note 25).

In respect of interest-bearing financial liabilities, the following table indicates their effective interest rates at the balance sheet date and also due date of loans based on the valid repayment schedules:

#### Interest bearing financial liabilities

##### 31 December 2015

| <i>In thousand of EUR</i> | Effective interest rate | Total         | Less than 1 year | 2–5 years     | More than 5 years |
|---------------------------|-------------------------|---------------|------------------|---------------|-------------------|
| Bank loans                | 4.57%                   | 42,068        | 2,762            | 13,202        | 26,104            |
| <b>Total</b>              |                         | <b>42,068</b> | <b>2,762</b>     | <b>13,202</b> | <b>26,104</b>     |

##### 31 December 2014

| <i>In thousand of EUR</i> | Effective interest rate | Total         | Less than 1 year | 2–5 years     | More than 5 years |
|---------------------------|-------------------------|---------------|------------------|---------------|-------------------|
| Bank loans                | 4.53%                   | 47,101        | 6,381            | 18,627        | 33,958            |
| <b>Total</b>              |                         | <b>47,101</b> | <b>6,381</b>     | <b>18,627</b> | <b>33,958</b>     |

### Loans and borrowings with variable rate

Below analysis includes only loans with a variable interest rate.

For 2015, any of the bank loans have a variable interest rate (the Czech portfolio has a fixed interest rate and the Slovak portfolio

interest rates are hedged) therefore the table below includes only those hedged (Slovak SPVs).

#### 2015:

| <i>In thousand of EUR</i> | Effective interest rate | Total          | 6 months or less | 6–12 months | 1–5 years | Fixed interest rate |
|---------------------------|-------------------------|----------------|------------------|-------------|-----------|---------------------|
| Bank loans                | 2.82%                   | -12,008        | -12,008          | 0           | 0         | 0                   |
| <b>Total</b>              |                         | <b>-12,008</b> | <b>-12,008</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>            |

#### 2014:

| <i>In thousand of EUR</i> | Effective interest rate | Total          | 6 months or less | 6–12 months | 1–5 years | Fixed interest rate |
|---------------------------|-------------------------|----------------|------------------|-------------|-----------|---------------------|
| Bank loans                | 2.82%                   | -13,192        | -13,192          | 0           | 0         | 0                   |
| <b>Total</b>              |                         | <b>-13,192</b> | <b>-13,192</b>   | <b>0</b>    | <b>0</b>  | <b>0</b>            |

### Loans and borrowings with variable rate – Slovak portfolio

Slovak loans interest rate is hedged by the interest derivatives.

Total amount of derivatives reserve amounted to EUR 420 thousand as of 31 December 2015 (2014: EUR 582 thousand).

### Loans and borrowings with variable rate

#### 2015:

| <i>In EUR thousand</i>               | Carrying amount | Contractual cash flow |        |         |        |         |         |
|--------------------------------------|-----------------|-----------------------|--------|---------|--------|---------|---------|
| Derivatives financial liabilities    |                 | Total                 | 1 year | 2 years | 3 year | 4 years | 5 years |
| Interest rate swaps used for hedging | 580             | 717                   | 195    | 168     | 143    | 120     | 91      |

#### 2014:

| <i>In EUR thousand</i>               | Carrying amount | Contractual cash flow |        |         |        |         |         |
|--------------------------------------|-----------------|-----------------------|--------|---------|--------|---------|---------|
| Derivatives financial liabilities    |                 | Total                 | 1 year | 2 years | 3 year | 4 years | 5 years |
| Interest rate swaps used for hedging | 733             | 893                   | 229    | 205     | 178    | 152     | 128     |

The effect on equity would be the same as the effect on profit or loss. In the calculation, the assumptions that current debt maturing in 2016 will be rolled over in that period.

Actual interest expenses related to bank loans and borrowings incurred by the Company in 2015 were EUR 3,204 thousand (2014: EUR 2,945 thousand) coming from the carrying value of loans drawn in the amount of EUR 42,876 thousand as at 31 December 2015 (2014: EUR 47,101 thousand).

An increase/decrease of interest rates by 1% at the reporting date would have decreased/increased the profit before tax by EUR 20 thousand as shown in the following table. This analysis assumes that all other variables remain constant.

| 31.12.2015                    | Effective interest rate | Total  | Interest (calculated) | Effective interest rate | Interest (calculated) | Additional PL effect | Effective interest rate | Interest (calculated) | Additional PL effect |
|-------------------------------|-------------------------|--------|-----------------------|-------------------------|-----------------------|----------------------|-------------------------|-----------------------|----------------------|
| Bank loans with variable rate | 4,65                    | 42,876 | 1,995                 | 4,70                    | 2,015                 | -20                  | 4,61                    | 1,975                 | 20                   |
| Total                         |                         | 42,876 | 1,995                 |                         |                       | -20                  |                         |                       | 20                   |

## 28.4 Exchange rate risk

The Company's functional currency of its major subsidiaries is EUR and CZK. Foreign exchange risk is associated with sales and purchases of goods and services and loans received denominated in local currencies.

An increase/decrease of exchange rates by 10% at the reporting date would have decreased/increased the profit before tax by EUR 45 thousand (EUR 55 thousand respectively) as shown in the following table. This analysis assumes that all other variables remain constant.

### 2015

|                       | 31 December 2015 | + 10%  | - 10%  |
|-----------------------|------------------|--------|--------|
| exchange rate CZK/EUR | 27.025           | 29.728 | 24.322 |

| 31.12.2015        | Currency | in Currency | teur  | Teur +10% | change | teur -10% | change |
|-------------------|----------|-------------|-------|-----------|--------|-----------|--------|
| Trade receivables | tczk     | 36,438      | 1,348 | 1,226     | -123   | 1,498     | 150    |
| <b>Total TCZK</b> |          |             |       |           | -123   |           | 150    |

| 31.12.2015            | Currency | in Currency | teur   | Teur +10% | change | teur -10% | change |
|-----------------------|----------|-------------|--------|-----------|--------|-----------|--------|
| Trade payables, loans | tczk     | -49,826     | -1,844 | -1,676    | 168    | -2,049    | -205   |
| <b>Total TCZK</b>     |          |             |        |           | 168    |           | -205   |

### 2014

|                       | 31 December 2014 | + 10%   | - 10%   |
|-----------------------|------------------|---------|---------|
| exchange rate CZK/EUR | 27.735           | 30.5085 | 24.9615 |

| 31.12.2014        | Currency | in Currency | teur | Teur +10% | change | teur -10% | change |
|-------------------|----------|-------------|------|-----------|--------|-----------|--------|
| Trade receivables | tczk     | 26,868      | 969  | 881       | -88    | 1,076     | 108    |
| <b>Total TCZK</b> |          |             |      |           | -88    |           | 108    |

| 31.12.2014            | Currency | in Currency | teur   | Teur +10% | change | teur -10% | change |
|-----------------------|----------|-------------|--------|-----------|--------|-----------|--------|
| Trade payables, loans | tczk     | -60,287     | -2,174 | -1,976    | 198    | -2,415    | -242   |
| <b>Total TCZK</b>     |          |             |        |           | 198    |           | -242   |

## 28.5 Accounting classifications and fair values

### Fair values vs. carrying amounts

The fair values of financial assets and liabilities together with the carrying amounts shown in the statement of financial position

are as follows. For the other financial assets/financial liabilities, the fair value approximates the carrying amount.

#### 31 December 2015

| <i>In thousand of EUR</i> | <b>Note</b> | <b>Fair value – hedging instruments</b> | <b>Loans and receivables</b> | <b>Other financial liabilities</b> | <b>Total carrying amount</b> | <b>Fair value</b> |
|---------------------------|-------------|-----------------------------------------|------------------------------|------------------------------------|------------------------------|-------------------|
| Cash and Cash equivalents | 23          | 0                                       | 5,297                        | 0                                  | 5,297                        | 5,297             |
| Loans and receivables     | 21          | 0                                       | 3,981                        | 0                                  | 3,981                        | 3,981             |
| Secured bank loans        | 26          | 0                                       | 0                            | 42,068                             | 42,068                       | 42,068            |
| Other loans               | 26          | 0                                       | 0                            | 808                                | 808                          | 808               |
| Trade payables            | 27          | 0                                       | 0                            | 1,061                              | 1,061                        | 1,061             |
| Bond                      | 27          | 0                                       | 8,060                        | 0                                  | 8,060                        | 8,060             |
| Other payables            | 27          | 0                                       | 0                            | 1,152                              | 1,152                        | 1,152             |
| Tax payables              | 27          | 0                                       | 0                            | 747                                | 747                          | 747               |
| Interest rate derivatives | 4.3.2       | 1,576                                   | 0                            | 0                                  | 1,576                        | 1,576             |

#### 31 December 2014

| <i>In thousand of EUR</i> | <b>Note</b> | <b>Fair value – hedging instruments</b> | <b>Loans and receivables</b> | <b>Other financial liabilities</b> | <b>Total carrying amount</b> | <b>Fair value</b> |
|---------------------------|-------------|-----------------------------------------|------------------------------|------------------------------------|------------------------------|-------------------|
| Cash and Cash equivalents | 23          | 0                                       | 4,631                        | 0                                  | 4,631                        | 4,631             |
| Loans and receivables     | 21          | 0                                       | 3,502                        | 0                                  | 3,502                        | 3,502             |
| Secured bank loans        | 26          | 0                                       |                              | 45,274                             | 45,274                       | 45,274            |
| Other loans               | 26          | 0                                       |                              | 1,827                              | 1,827                        | 1,827             |
| Trade payables            | 27          | 0                                       |                              | 1,219                              | 1,219                        | 1,219             |
| Interest rate derivatives | 4.3.2       | 733                                     | 0                            | 0                                  | 0                            | 733               |

The interest rates used to discount estimated cash flows, where applicable, are based on the government yield curve at the end of the reporting period plus an appropriate credit spread discount rate used equalled to 5.52% for 2015.

### Fair value hierarchy

The table above analyses financial instruments carried at fair value by the levels in the fair value hierarchy. The different levels have been defined as follows.

Level 1: quoted prices (unadjusted) in active markets for identical assets or liabilities.

Level 2: inputs other than quoted prices included within Level 1 that are observable for the asset or liability, either directly (i.e. as prices) or indirectly (i.e. derived from prices).

Level 3: inputs for the asset or liability that are not based on observable market data (unobservable inputs).

#### 31 December 2015

| <i>In thousand of EUR</i> | <b>Level 1</b> | <b>Level 2</b> | <b>Level 3</b> | <b>Total</b> |
|---------------------------|----------------|----------------|----------------|--------------|
| Cash and Cash equivalents | 0              | 5,297          | 0              | 5,297        |
| Loans and receivables     | 0              | 3,981          | 0              | 3,981        |
| Secured bank loans        | 0              | 42,068         | 0              | 42,068       |
| Other loans               | 0              | 808            | 0              | 808          |
| Trade payables            | 0              | 1,061          | 0              | 1,061        |
| Bond                      | 0              | 8,060          | 0              | 8,060        |
| Other payables            | 0              | 1,152          | 0              | 1,152        |
| Tax payables              | 0              | 747            | 0              | 747          |
| Interest rate derivatives | 0              | 580            | 0              | 580          |

### 31 December 2014

| <i>In thousand of EUR</i> | <b>Level 1</b> | <b>Level 2</b> | <b>Level 3</b> | <b>Total</b> |
|---------------------------|----------------|----------------|----------------|--------------|
| Interest rate derivatives | 0              | 733            | 0              | <b>733</b>   |

All financial assets and financial liabilities (refer to Note 4.3.4) have been defined to Level 2.

Assumptions used for calculating revalued amounts of PPE (level 3) are as follows:

The DCF Equity valuation method is based on a Discounted Cash Flow method. It includes the future cash flows available to the shareholders/providers of equity of photovoltaic projects (i.e. after all debt repayments and interests) that are later discount-

ed by respective discount rates. The risk profile is represented by a discount rate (cost of equity levered). Due to existence of senior project finance the cost of equity calculated by CAPM formula is adjusted by Miller-Modigliani formula to achieve the most precise cost of equity levered for each project respecting its unique capital structure.

In the valuation model, a quarterly discount is applied. This is based on the fact that debt repayments are happening on a quarterly basis. This is effecting the overall change in financing structure and indirectly effecting cost of equity levered.

## 29. Related parties

Balances and transactions between the Company and its subsidiaries which are related parties of the Company have been eliminated on consolidation and are not disclosed in this note. Details of transactions between the Group and other related parties are disclosed below.

### 29.1 Parent and ultimate controlling party

The Company is jointly controlled by Mr. Michael Gartner (via Solar Future Coöperatief U.A. and Solar Age Investments B.V.)

and Mr. Georg Hotar (via Solar Power to the People Coöperatief U.A. and Solar Age Investments B.V.), who are the Company's directors.

The original lender (loans provided to the Directors) has been sold out of the Group in December 2012. However, the Group has provided the following loans to the above directors in compliance with the arm-length principle:

| <i>In thousand of EUR</i>             | 2015       | 2014      |
|---------------------------------------|------------|-----------|
| Balance at beginning of year          | 81         | 52        |
| Transferred due to the sale           | 0          | 0         |
| Loan provided to Mr. Hotar            | 22         | 29        |
| Unpaid interests (Mr. Hotar)          | 0          | 0         |
| Loan provided to Mr. Gartner          | 0          | 0         |
| Unpaid interests (Mr. Gartner)        | 0          | 0         |
| Effect of the movement of Fx rate     | 0          | 0         |
| <b>Carrying amount at 31 December</b> | <b>103</b> | <b>81</b> |

Members of the board of directors did not receive for their board of directors related duties for the Group entities any compensation in 2015 and in 2014. There were no trade rela-

tions between the Group and members of the board of directors of the Company.

### Other related party transactions

| <i>In thousand of EUR</i>                                                                                  | transaction value<br>for the year-ended |      | balance outstanding<br>at the year-end |      |
|------------------------------------------------------------------------------------------------------------|-----------------------------------------|------|----------------------------------------|------|
|                                                                                                            | 2015                                    | 2014 | 2015                                   | 2014 |
| <b>Sale of goods and services</b>                                                                          |                                         |      |                                        |      |
| Joint ventures – sale of services                                                                          | 0                                       | 0    | 0                                      | 0    |
| Joint ventures – construction contracts revenues<br>(SK SPV1 Solarpark Myjava Solarpark Polianka Fotonika) | 0                                       | 0    | 0                                      | 0    |
| <b>Purchase of goods and services</b>                                                                      |                                         |      |                                        |      |
| Joint ventures – purchase of services                                                                      | 68                                      | 77   | 0                                      | 0    |
| <b>Current assets</b>                                                                                      |                                         |      |                                        |      |
| Loans                                                                                                      | 0                                       | 0    | 0                                      | 0    |

Related party transactions were made on terms equivalent to those that prevail in arm's length transactions.

## 30. Group entities

### Subsidiaries

The following subsidiaries are consolidated as at 31 December 2015.

|    | Name                                         | % of share capital held by the holding company | % of votes held by the holding company | Country of registration | Legal Owner   |
|----|----------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------|---------------|
| 1  | Photon Energy N.V.                           | Holding Company                                |                                        | NL                      |               |
| 2  | Photon Energy Technology CEE s.r.o.          | 100%                                           | 100%                                   | CZ                      | PEE BV        |
| 3  | Photon Energy Control s.r.o.                 | 100%                                           | 100%                                   | CZ                      | PEO CZ        |
| 4  | Photon SPV 1 s.r.o.                          | 100%                                           | 100%                                   | CZ                      | Photon Energy |
| 5  | Photon SK SPV 1 s.r.o.                       | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 6  | Photon SK SPV 2 s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 7  | Photon SK SPV 3 s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 8  | EcoPlan 2 s.r.o.                             | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 9  | EcoPlan 3 s.r.o.                             | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 10 | SUN4ENERGY ZVB, s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 11 | SUN4ENERGY ZVC, s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 12 | Fotonika, s.r.o.                             | 60%                                            | 50%                                    | SK                      | Photon Energy |
| 13 | ATS Energy, s.r.o.                           | 70%                                            | 70%                                    | SK                      | Photon Energy |
| 14 | Solarpark Myjava s.r.o.                      | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 15 | Solarpark Polianka s.r.o.                    | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 16 | Photon Energy Investments CZ N.V.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 17 | Photon Energy Australia Pty Ltd.             | 100%                                           | 100%                                   | AUS                     | Photon Energy |
| 18 | IPVIC GbR                                    | 18.5%                                          | 18.5%                                  | DE                      | Photon Energy |
| 19 | Photon Energy Operations SK s.r.o.           | 100%                                           | 100%                                   | SK                      | PEO NV        |
| 20 | Photon Energy Operations CZ s.r.o.           | 100%                                           | 100%                                   | CZ                      | PEO NV        |
| 21 | Photon Energy Operations DE GmbH             | 100%                                           | 100%                                   | DE                      | PEO NV        |
| 22 | Photon Energy Operations Australia Pty.Ltd.  | 100%                                           | 100%                                   | AUS                     | PEO NV        |
| 23 | Photon Energy Engineering Australia Pty Ltd  | 100%                                           | 100%                                   | AUS                     | PEE BV        |
| 24 | Photon Energy Engineering Europe GmbH        | 100%                                           | 100%                                   | DE                      | PEE BV        |
| 25 | Global Investment Protection AG              | 100%                                           | 100%                                   | CH                      | Photon Energy |
| 26 | Photon Energy Investments DE N.V.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 27 | Photon Directors B.V.                        | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 28 | Photon Energy Operations N.V.                | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 29 | Photon Energy Finance Europe GmbH            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 30 | Photon Energy AUS SPV 1 Pty. Ltd.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 31 | Photon Energy AUS SPV 2 Pty. Ltd.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 32 | Photon Energy Generation Australia Pty. Ltd. | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 33 | Photon Energy Engineering B.V.               | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 34 | European Solar Holdings B.V.                 | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 35 | Photon Energy Corporate Services DE GmbH     | 100%                                           | 100%                                   | DE                      | Photon Energy |
| 36 | Photon Energy Corporate Services CZ s.r.o.   | 100%                                           | 100%                                   | CZ                      | Photon Energy |

CZ = Czech Republic, SK = Slovak Republic, NL = Netherlands, PL = Poland, CH-Switzerland, AUS- Australia

The following subsidiaries are consolidated as at 31 December 2014.

|    | Name                                         | % of share capital held by the holding company | % of votes held by the holding company | Country of registration | Legal Owner   |
|----|----------------------------------------------|------------------------------------------------|----------------------------------------|-------------------------|---------------|
| 1  | Photon Energy N.V.                           | Holding Company                                |                                        | NL                      |               |
| 2  | Photon Energy Technology CEE s.r.o.          | 100%                                           | 100%                                   | CZ                      | PET BV        |
| 3  | Photon SPV 5 s.r.o.                          | 100%                                           | 100%                                   | CZ                      | PEI CZ NV     |
| 4  | Photon SPV 1 s.r.o.                          | 100%                                           | 100%                                   | CZ                      | Photon Energy |
| 5  | Photon SK SPV 1 s.r.o.                       | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 6  | Photon SK SPV 2 s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 7  | Photon SK SPV 3 s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 8  | EcoPlan 2 s.r.o.                             | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 9  | EcoPlan 3 s.r.o.                             | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 10 | SUN4ENERGY ZVB, s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 11 | SUN4ENERGY ZVC, s.r.o.                       | 100%                                           | 100%                                   | SK                      | Photon Energy |
| 12 | Fotonika, s.r.o.                             | 60%                                            | 50%                                    | SK                      | Photon Energy |
| 13 | ATS Energy, s.r.o.                           | 70%                                            | 70%                                    | SK                      | Photon Energy |
| 14 | Solarpark Myjava s.r.o.                      | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 15 | Solarpark Polianka s.r.o.                    | 50%                                            | 50%                                    | SK                      | Photon Energy |
| 16 | Photon Energy Investments CZ N.V.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 17 | Photon Energy Polska Sp. z o.o.              | 100%                                           | 100%                                   | PL                      | Photon Energy |
| 18 | Photon Energy Australia Pty Ltd.             | 100%                                           | 100%                                   | AUS                     | Photon Energy |
| 19 | IPVIC GbR                                    | 18.5%                                          | 18.5%                                  | DE                      | PEI CZ        |
| 20 | Photon Energy Operations SK s.r.o.           | 100%                                           | 100%                                   | SK                      | PEO NV        |
| 21 | Photon Energy Operations CZ s.r.o.           | 100%                                           | 100%                                   | CZ                      | PEO NV        |
| 22 | Photon Energy Operations DE GmbH             | 100%                                           | 100%                                   | DE                      | PEO NV        |
| 23 | Photon Energy Operations Australia Pty Ltd.  | 100%                                           | 100%                                   | AUS                     | PEO NV        |
| 24 | Photon Energy Engineering Australia Pty Ltd  | 100%                                           | 100%                                   | AUS                     | PEE BV        |
| 25 | Photon Energy Engineering Europe GmbH        | 100%                                           | 100%                                   | DE                      | PEE BV        |
| 26 | Global Investment Protection AG              | 100%                                           | 100%                                   | CH                      | Photon Energy |
| 27 | Photon DE SPV 3 GmbH                         | 100%                                           | 100%                                   | DE                      | PEI DE        |
| 28 | Photon IT SPV 1 s.r.l.                       | 100%                                           | 100%                                   | IT                      | Photon Energy |
| 29 | Photon IT SPV 2 s.r.l.                       | 100%                                           | 100%                                   | IT                      | Photon Energy |
| 30 | Photon Energy Investments DE N.V.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 31 | Photon Directors B.V.                        | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 32 | Photon Energy Operations N.V.                | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 33 | Photon Energy Finance Europe GmbH            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 34 | Photon Energy AUS SPV 1 Pty. Ltd.            | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 35 | Photon Energy AUS SPV 2 Pty. Ltd.            | 100%                                           | 100%                                   | NL                      | PEP BV        |
| 36 | Photon Energy Generation Australia Pty. Ltd. | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 37 | Photon Energy Engineering B.V.               | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 38 | Photon Energy Technology B.V.                | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 39 | European Solar Holdings B.V.                 | 100%                                           | 100%                                   | NL                      | Photon Energy |
| 40 | Photon Energy Corporate Services DE GmbH     | 100%                                           | 100%                                   | DE                      | Photon Energy |
| 41 | Photon Energy Corporate Services CZ s.r.o.   | 100%                                           | 100%                                   | CZ                      | Photon Energy |

CZ = Czech Republic, SK = Slovak Republic, NL = Netherlands, PL = Poland, CH-Switzerland, AUS- Australia

Other consolidated subsidiaries (special purpose entities) exist as at 31 December 2015, where the holding company has control but does not have any ownership or direct voting rights. The following entities are included:

| Name                          | % of Consolidated share | % of Ownership share | Country of registration | Legal Owner |
|-------------------------------|-------------------------|----------------------|-------------------------|-------------|
| Photon SPV 3 s.r.o.           | 100%                    | 0%                   | CZ                      | RL          |
| Photon SPV 8 s.r.o.           | 100%                    | 0%                   | CZ                      | RL          |
| Exit 90 SPV s.r.o.            | 100%                    | 0%                   | CZ                      | RL          |
| Photon SPV 4 s.r.o.           | 100%                    | 0%                   | CZ                      | RL          |
| Photon SPV 6 s.r.o.           | 100%                    | 0%                   | CZ                      | RL          |
| Onyx Energy s.r.o.            | 100%                    | 0%                   | CZ                      | RL          |
| Onyx Energy projekt II s.r.o. | 100%                    | 0%                   | CZ                      | RL          |
| Photon SPV 10 s.r.o.          | 100%                    | 0%                   | CZ                      | RL          |
| Photon SPV 11 s.r.o.          | 100%                    | 0%                   | CZ                      | RL          |

CZ = Czech Republic

100% share in the above entities is owned by Raiffeisen – Leasing s.r.o. (“RL”). Although those companies are legally owned by RL, the Group consolidates them under IFRS rules.

Photon Energy N.V. is considered the beneficial owner as it is owner of economic benefits and is directly exposed to economic risks of those companies.

## 31. Subsequent events

### Bank refinancing

On 30 December 2015, the Group signed a contract with the bank on the refinancing of the Czech portfolio in the total amount of EUR 1,480 thousand. The actual flow of money was realized only in January 2016.

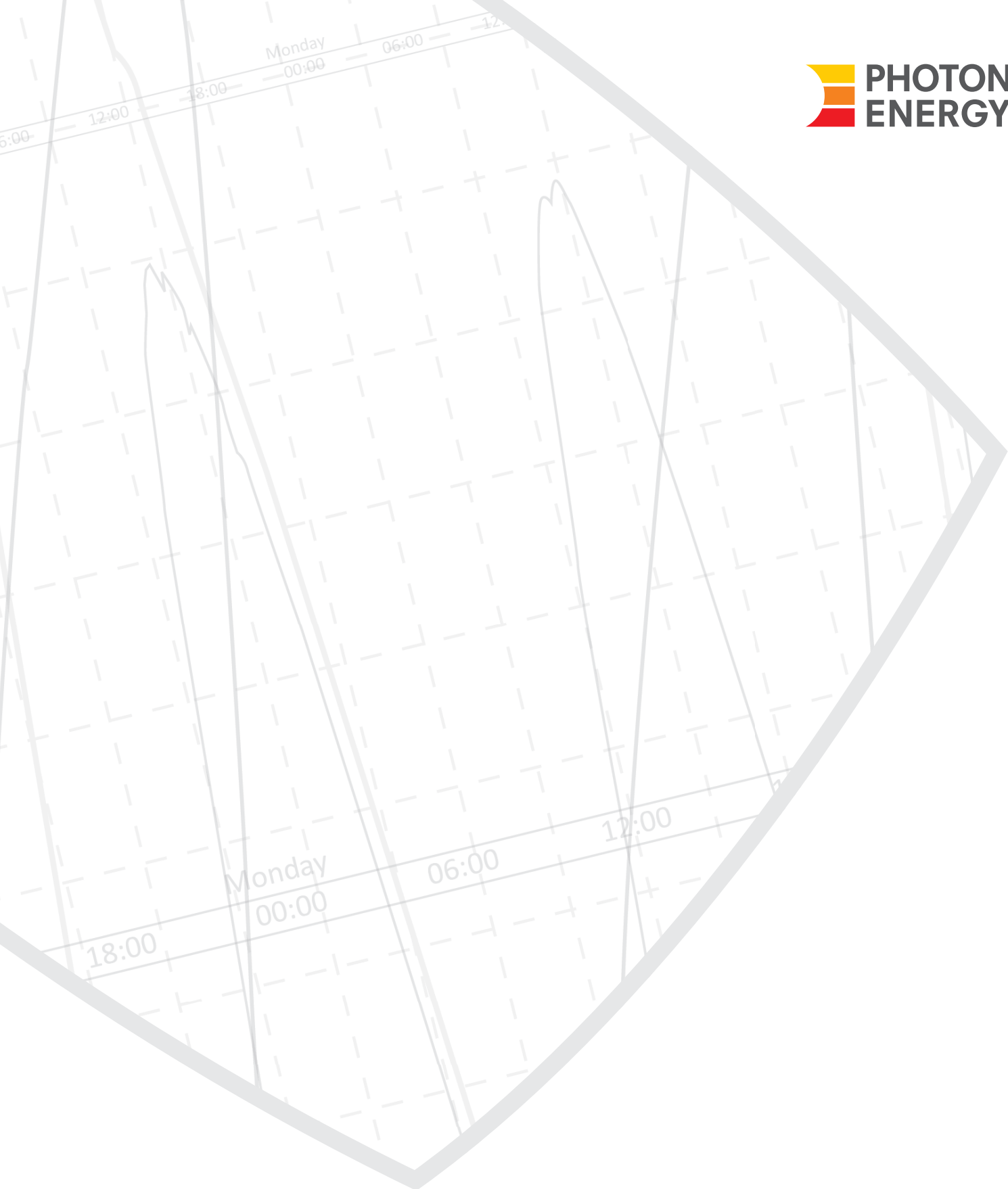
Repayment date is 1 January 2022 and the interest rate is 3M PRIBOR+ 2,7% p.a.

### Sale of Photon Energy Operations DE GmbH

On 7 January 2016, the Company signed an agreement on the sale of its shares in Photon Energy Operations DE GmbH to a German investor. Photon Energy has closed its office in Berlin at the end of January and will continue servicing the German market and customers from its base in Prague.

## 32. Contingent assets and liabilities

There are no significant contingent assets or liabilities that need to be disclosed.



# **Standalone Financial Statements**

## **for the year ended 31 December 2015**

## Company balance sheet as at 31 December 2015

(before profit appropriation)

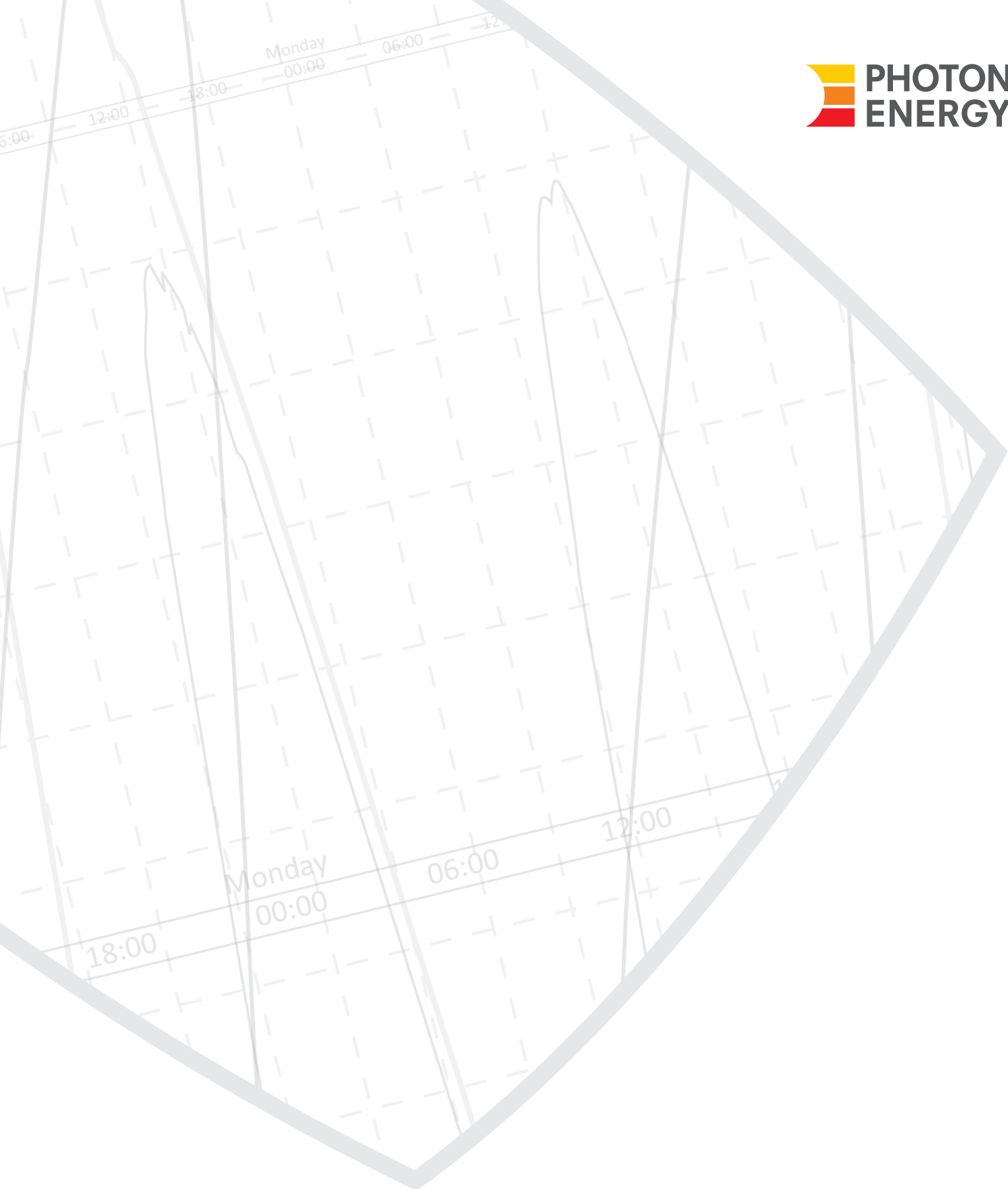
| <i>in thousand of EUR</i>           | <b>Note</b> | <b>31 December 2015</b> | <b>31 December 2014</b> |
|-------------------------------------|-------------|-------------------------|-------------------------|
| <b>Fixed assets</b>                 |             |                         |                         |
| Financial fixed assets              | 36          | 37,734                  | 37,548                  |
| Intangible assets                   | 36          | 22                      | 33                      |
| <b>Total fixed assets</b>           |             | <b>37,756</b>           | <b>37,581</b>           |
| <b>Current assets</b>               |             |                         |                         |
| Trade and other receivables         | 38          | 2,297                   | 1,369                   |
| Loans                               | 37          | 6,709                   | 8,384                   |
| Cash and cash equivalents           | 38          | 55                      | 67                      |
| <b>Total current assets</b>         |             | <b>9,061</b>            | <b>9,820</b>            |
| <b>Total assets</b>                 |             | <b>46,817</b>           | <b>47,401</b>           |
| <b>Shareholders' equity</b>         | 39          |                         |                         |
| Issued share capital                |             | 600                     | 600                     |
| Share premium                       |             | 36,871                  | 36,871                  |
| Revaluation reserve                 |             | 17,641                  | 17,166                  |
| Derivatives reserve                 |             | -420                    | -581                    |
| Currency translation reserve        |             | -975                    | -1,778                  |
| Unappropriated result               |             | -1,088                  | -5,042                  |
| Retained Earnings                   |             | -24,240                 | -19,198                 |
| <b>Total equity</b>                 |             | <b>28,389</b>           | <b>28,038</b>           |
| <b>Non-current liabilities</b>      | 40          | <b>8,598</b>            | <b>8,333</b>            |
| Other loans                         |             | 538                     | 808                     |
| Other long-term liability           |             | 8,060                   | 7,525                   |
| <b>Current liabilities</b>          | 41          | <b>9,831</b>            | <b>11,030</b>           |
| Trade and other liabilities         |             | 6,419                   | 7,626                   |
| Other loans                         |             | 3,412                   | 3,404                   |
| <b>Total equity and liabilities</b> |             | <b>46,817</b>           | <b>47,401</b>           |

The notes on pages 113 to 119 are an integral part of these financial statements.

### Company income statement for the financial year ended 31 December 2015

| <i>in thousand of EUR</i>                                     | <b>1 January 2015 – 31 December 2015</b> | <b>1 January 2014 – 31 December 2014</b> |
|---------------------------------------------------------------|------------------------------------------|------------------------------------------|
| Share in results from participating interests, after taxation | -1,593                                   | -2,136                                   |
| Income from subsidiaries                                      | 632                                      | 0                                        |
| Other result after taxation                                   | -127                                     | -2,906                                   |
| <b>Net result</b>                                             | <b>-1,088</b>                            | <b>-5,042</b>                            |

*The notes on pages 113 to 119 are an integral part of these financial statements.*



# **Notes to the Company Financial Statements**

**for the year ended 31 December 2015**

## 34. General

The company financial statements are part of the 2015 financial statements of Photon Energy N.V. (the 'Company'). With reference to the income statement of the company, use has been

made of the exemption pursuant to Section 402 of Book 2 of the Netherlands Civil Code.

## 35. Principles for the measurement of assets and liabilities and the determination of the result

For setting the principles for the recognition and measurement of assets and liabilities and determination of the result for its company financial statements, the Company makes use of the option provided in section 2:362 (8) of the Netherlands Civil Code. This means that the principles for the recognition and measurement of assets and liabilities and determination of the result (hereinafter referred to as principles for recognition and measurement) of the company financial statements of the Company are the same as those applied for the consolidated EU-IFRS financial statements. Participating interests, over which significant influence is exercised, are stated on the basis of the

equity method. These consolidated EU-IFRS financial statements are prepared according to the standards laid down by the International Accounting Standards Board and endorsed by the European Union (hereinafter referred to as EU-IFRS). Please see pages 23 to 37 for a description of these principles. The share in the result of participating interests consists of the share of the Company in the result of these participating interests. Results on transactions, where the transfer of assets and liabilities between the Company and its participating interests and mutually between participating interests themselves, are not incorporated insofar as they can be deemed to be unrealised.

## 36. Financial fixed assets

| <i>In thousand of EUR</i>                  | 31 December 2015 | 31 December 2014 |
|--------------------------------------------|------------------|------------------|
| Participating interests in group companies | 37,734           | 37,548           |
|                                            | <b>37,734</b>    | <b>37,548</b>    |

The movements of the financial fixed assets can be shown as follows:

| <i>In thousand of EUR</i>                                                   | Note | Participating interests in group companies | Total         |
|-----------------------------------------------------------------------------|------|--------------------------------------------|---------------|
| <b>Balance at 1 January 2015</b>                                            |      | <b>37,548</b>                              | <b>37,548</b> |
| Capital contribution existing subsidiaries                                  | 36   | 598                                        | 598           |
| Revaluation reserve change                                                  | 36   | 475                                        | 475           |
| Share in result of participating interests                                  | 43   | -1,581                                     | -1,581        |
| Liquidation of subsidiaries                                                 | 36   | -186                                       | -186          |
| Share in foreign currency translation differences in participating interest | 36   | 802                                        | 802           |
| Dividend payment                                                            | 36   | -828                                       | -828          |
| Derivatives                                                                 | 36   | 162                                        | 162           |
| Sale of subsidiaries                                                        |      | 744                                        | 744           |
| <b>Balance at 31 December</b>                                               |      | <b>37,734</b>                              | <b>37,734</b> |
| <b>Final balance at 31 December 2015</b>                                    |      | <b>37,734</b>                              | <b>37,734</b> |

### 2015

A participating legal Company is under Dutch law a participation which exercises significant influence over the operating and financial policies (hereinafter: participation), valued using the equity method. This method means that the carrying amount of the investment is increased or decreased by the share in the

results and changes in equity of the associate, less the dividend from the participation. The carrying amount, the share in the results and changes in equity are determined according to the principles of the holding.

Therefore the direct changes in equity in the participations of PE NV are included in the standalone financial statements of the Company.

The direct equity movements of the subsidiaries of PE NV consist of:

- 1) Revaluation of assets valued at fair value in the participations (decrease of value of assets)
- 2) Foreign currency translation differences in the participations
- 3) Effective portion of hedging derivatives in the participations

**The Company, with statutory seat in Amsterdam, is the holding company and has the following financial interests:**

|    | Name                                         | % of share capital held by the holding company | Country of registration |
|----|----------------------------------------------|------------------------------------------------|-------------------------|
| 1  | Photon Energy N.V.                           |                                                | NL                      |
| 2  | Photon Energy Technology CEE s.r.o.          | 100%                                           | CZ                      |
| 3  | Photon Energy Control s.r.o.                 | 100%                                           | CZ                      |
| 4  | Photon SPV 1 s.r.o.                          | 100%                                           | CZ                      |
| 5  | Photon SK SPV 1 s.r.o.                       | 50%                                            | SK                      |
| 6  | Photon SK SPV 2 s.r.o.                       | 100%                                           | SK                      |
| 7  | Photon SK SPV 3 s.r.o.                       | 100%                                           | SK                      |
| 8  | EcoPlan 2 s.r.o.                             | 100%                                           | SK                      |
| 9  | EcoPlan 3 s.r.o.                             | 100%                                           | SK                      |
| 10 | SUN4ENERGY ZVB, s.r.o.                       | 100%                                           | SK                      |
| 11 | SUN4ENERGY ZVC, s.r.o.                       | 100%                                           | SK                      |
| 12 | Fotonika, s.r.o.                             | 60%                                            | SK                      |
| 13 | ATS Energy, s.r.o.                           | 70%                                            | SK                      |
| 14 | Solarpark Myjava s.r.o.                      | 50%                                            | SK                      |
| 15 | Solarpark Polianka s.r.o.                    | 50%                                            | SK                      |
| 16 | Photon Energy Investments CZ N.V.            | 100%                                           | NL                      |
| 17 | Photon Energy Australia Pty Ltd.             | 100%                                           | AUS                     |
| 18 | IPVIC GbR                                    | 18.5%                                          | DE                      |
| 19 | Photon Energy Operations SK s.r.o.           | 100%                                           | SK                      |
| 20 | Photon Energy Operations CZ s.r.o.           | 100%                                           | CZ                      |
| 21 | Photon Energy Operations DE GmbH             | 100%                                           | DE                      |
| 22 | Photon Energy Operations Australia Pty.Ltd.  | 100%                                           | AUS                     |
| 23 | Photon Energy Engineering Australia Pty Ltd  | 100%                                           | AUS                     |
| 24 | Photon Energy Engineering Europe GmbH        | 100%                                           | DE                      |
| 25 | Global Investment Protection AG              | 100%                                           | CH                      |
| 26 | Photon Energy Investments DE N.V.            | 100%                                           | NL                      |
| 27 | Photon Directors B.V.                        | 100%                                           | NL                      |
| 28 | Photon Energy Operations N.V.                | 100%                                           | NL                      |
| 29 | Photon Energy Finance Europe GmbH            | 100%                                           | DE                      |
| 30 | Photon Energy AUS SPV 1 Pty. Ltd.            | 100%                                           | AUS                     |
| 31 | Photon Energy AUS SPV 2 Pty. Ltd.            | 100%                                           | AUS                     |
| 32 | Photon Energy Generation Australia Pty. Ltd. | 100%                                           | AUS                     |
| 33 | Photon Energy Engineering B.V.               | 100%                                           | NL                      |
| 34 | European Solar Holdings B.V.                 | 100%                                           | NL                      |
| 35 | Photon Energy Corporate Services DE GmbH     | 100%                                           | DE                      |
| 36 | Photon Energy Corporate Services CZ s.r.o.   | 100%                                           | CZ                      |

During 2015, impact of the change of the revaluation reserve amounted to EUR 475 thousands.

As of 31 December 2014, the revaluation of the whole portfolio has been performed. Total impact of this revaluation gained EUR 6,297 thousand (in 2013, the revaluation of the fair value of the Czech power plants has been performed with a total negative impact of EUR 4,517 thousand due to prolongation of tax levy).

The Slovak SPVs use hedging derivatives for hedging of interest rates on received loans. Total impact into equity from their revaluation at the year-end amounted to loss of EUR 162 thousand (2014: EUR 125 thousand).

The impact of foreign currency translation differences in participating interest resulted in a loss of EUR 975 thousand (2014: EUR 1,778 thousand).

The company booked a provision for negative equity in subsidiaries in the amount of EUR 5,536 thousand (outstanding balance 2014: EUR 6,710 thousand) as the Company's management has intention to maintain and support the related subsidiaries within the structure and support them by providing the required cash-flow and settle their liabilities. This allowance is presented in the current liabilities.

Intangible assets include the value of trademark originally owned by Photon Energy a.s. in the value of EUR 22 thousand.

The total amount invested into capital contributions (by capitalization of entity's receivables from subsidiaries) to subsidiaries in 2015 amounted to EUR 598 thousand (2014: EUR 3,073 thousand; refer to Movement schedule above).

Increase of value resulting from the revaluation of subsidiaries amounted to EUR 475 thousand. Impact of derivatives revaluation equaled to EUR 162 thousand (positive); of dividend payment to EUR 828 thousand (negative); of currency retranslation to EUR 802 thousand. Total result from participations gained loss of EUR 1,581 thousand. Company sold 4 entities out of the Group, the impact s EUR 744 thousands. Impact of liquidation of PE Technology B.V. is EUR 186 thousand.

### 2015 developments

During 2015, Photon Energy N.V. did not merge any of its subsidiaries. Photon Energy Technology B.V. was liquidated as of 1<sup>st</sup> December 2015. During 2015, Photon Energy N.V. (directly or via its subsidiaries) did no incorporate any new subsidiary.

Photon SPV 5 s.r.o. was renamed to Photon Energy Control s.r.o

### Disposals in 2015

- Photon Energy Polska
- Photon DE SPV 3 GmbH
- Photon IT SPV1 s.r.l.
- Photon IT SPV2 s.r.l.

### Mergers in 2014:

- Merger of Photon Energy Engineering EU GmbH with Photon DE SPV 1 GmbH
- Merger of Photon Energy N.V. and Photon Energy Investments N.V.

## 37. Loans

| <i>In thousand of EUR</i> | 31 December 2015 | 31 December 2014 |
|---------------------------|------------------|------------------|
| Loans provided            | 6,709            | 8,384            |
|                           | <b>6,709</b>     | <b>8,384</b>     |

The balance of loans provided consists of the loans provided primarily to the companies within the Group and its decrease is caused by capitalization of the several loan principals in the

subsidiaries. N.V. Interest charge is 3% and the loans have a short-term character.

## 38. Current assets

| <i>In thousand of EUR</i>   | 31 December 2015 | 31 December 2014 |
|-----------------------------|------------------|------------------|
| Trade and other receivables | 2,297            | 1,369            |
| Cash                        | 55               | 67               |
|                             | <b>2,352</b>     | <b>1,436</b>     |

## 39. Shareholders' equity

### 39.1 Reconciliation of movement in capital and reserves

| <i>In thousand of EUR</i>                                          | Issued share capital | Share premium | Currency translation reserve | Derivatives | Revaluation reserve | Retained earnings | Unappropriated result | Total equity  |
|--------------------------------------------------------------------|----------------------|---------------|------------------------------|-------------|---------------------|-------------------|-----------------------|---------------|
| <b>Balance at 1 January 2014</b>                                   | <b>600</b>           | <b>36,871</b> | <b>-2,577</b>                | <b>-457</b> | <b>10,869</b>       | <b>-13,715</b>    | <b>-5,011</b>         | <b>26,580</b> |
| Revaluation of assets in participating interest                    | -                    | -             | -                            | -           | 6,297               | -                 | -                     | 6,297         |
| Foreign currency translation differences in participating interest | -                    | -             | 835                          | -           | -                   | -                 | -                     | 817           |
| Transfer to retained earnings                                      | -                    | -             | -                            | -           | -                   | -5,011            | 5,011                 | 0             |
| Derivatives                                                        | -                    | -             | -                            | -126        | -                   | -                 | -                     | -126          |
| Merger impact                                                      | -                    | -             | -                            | -           | -                   | -472              | -                     | -472          |
| Actual result                                                      | -                    | -             | -                            | -           | -                   | -                 | -5,042                | -5,042        |
| <b>Balance at 31 December 2014</b>                                 | <b>600</b>           | <b>36,871</b> | <b>-1,778</b>                | <b>-581</b> | <b>17,166</b>       | <b>-19,198</b>    | <b>-5,042</b>         | <b>28,038</b> |
| <b>Balance at 1 January 2015</b>                                   | <b>600</b>           | <b>36,871</b> | <b>-1,778</b>                | <b>-581</b> | <b>17,166</b>       | <b>-19,198</b>    | <b>-5,042</b>         | <b>28,038</b> |
| Revaluation of assets in participating interest                    | -                    | -             | -                            | -           | 475                 | -                 | -                     | 475           |
| Foreign currency translation differences in participating interest | -                    | -             | 803                          | -           | -                   | -                 | -                     | 803           |
| Transfer to retained earnings                                      | -                    | -             | -                            | -           | -                   | -5,042            | 5,042                 | 0             |
| Derivatives                                                        | -                    | -             | -                            | 162         | -                   | -                 | -                     | 162           |
| Actual result                                                      | -                    | -             | -                            | -           | -                   | -                 | -1,088                | -1,720        |
| <b>Balance at 31 December 2015</b>                                 | <b>600</b>           | <b>36,871</b> | <b>-975</b>                  | <b>-420</b> | <b>17,641</b>       | <b>-24,420</b>    | <b>-1,088</b>         | <b>28,389</b> |

## 39.2 Share capital and share premium

### 39.2.1 Ordinary shares

The Company's share capital is EUR 600,000 divided into 60,000,000 shares with a nominal value of EUR 0.01 each. The share capital is fully paid-up. Each of the 60,000,000 shares represent one vote at the General Meeting of Shareholders.

The holders of ordinary shares (except of Treasury shares) are entitled to receive dividends as declared from time to time and are entitled to one vote per share at shareholders' meetings of the Company.

### Reserves

Reserves of the Company consist of the revaluation reserve, the currency translation reserve and the derivatives reserve.

The revaluation reserve arises on the revaluation of photovoltaic power plant owned by the participation(s) and it amounted to

EUR 19,312 thousand as of 31 December 2015 (31 December 2014: EUR 17,166 thousand).

Currency translation reserve includes all foreign translation exchange differences in the participations and amounted to a loss EUR 975 thousand as of 31 December 2015 (31 December 2014: EUR 1,778 thousand).

The derivatives reserve includes results from hedging derivatives in the participations and amounted to a loss of EUR 419 thousand in 2015 (2014: EUR 581 thousand).

### 39.2.2 Unappropriated result

To the General Meeting of Shareholders the following appropriation of the result 2015 will be proposed: the loss of EUR 1,088 thousand to be transferred and added to the retained earnings item in the shareholders' equity.

### 39.2.3 Reconciliation of consolidated group equity with company equity

| <i>In thousand of EUR</i>                                | <b>31 December 2015</b> | <b>31 December 2014</b> |
|----------------------------------------------------------|-------------------------|-------------------------|
| <b>Group equity</b>                                      | <b>28,540</b>           | <b>28,185</b>           |
| <b>Minority interest of third parties in subsidiary:</b> |                         |                         |
| Non-controlling interest                                 | 151                     | 147                     |
| <b>Shareholders' equity (company)</b>                    | <b>28,389</b>           | <b>28,038</b>           |
| <b>Group result</b>                                      | <b>-1,725</b>           | <b>-5,134</b>           |
| Income from subsidiaries                                 | 632                     | 0                       |
| <b>Minority interest of third parties in result:</b>     |                         |                         |
| Non-controlling interest                                 | 5                       | 8                       |
| <b>Net result (company)</b>                              | <b>-1,088</b>           | <b>-5,042</b>           |

## 40. Long-term liabilities

| <i>In thousand of EUR</i>   | <b>31 December 2015</b> | <b>31 December 2014</b> |
|-----------------------------|-------------------------|-------------------------|
| Loans                       | 538                     | 808                     |
| Other long-term liabilities | 8,060                   | 7,525                   |
|                             | <b>8,598</b>            | <b>8,333</b>            |

Long-term loan represent long-term portion of loan provided by private financing company as described in chapter 41. Other long-term liabilities include bond issued originally by entity Photon Energy Investments N.V. that was merged with the entity in 2014.

## 41. Current liabilities

| <i>In thousand of EUR</i>                       | <b>31 December 2015</b> | <b>31 December 2014</b> |
|-------------------------------------------------|-------------------------|-------------------------|
| Loans                                           | 3,412                   | 3,404                   |
| Trade payables                                  | 331                     | 474                     |
| Accruals and deferred income                    | 80                      | 86                      |
| Other payables                                  | 472                     | 356                     |
| Provision for 2012 negative equity subsidiaries | 5,536                   | 6,710                   |
|                                                 | <b>9,831</b>            | <b>11,030</b>           |

Loan provided by private financing company in the original amount of EUR 8,000 thousand was gradually repaid and re-structured, so its outstanding balance as of the year-end 2015 is EUR 808 thousand, out of which EUR 538 thousand is long-term based on the contractual conditions.

Other payables consisted of Company's liabilities from VAT, towards employees, or resulting from the cash transfers within the Group.

The company booked a provision for negative equity in subsidiaries in the amount of EUR 5,536 thousand (2014: EUR 6,710 thousand) as the Company's management has the intention to maintain and support the related subsidiaries within the structure and support them by providing the required cash-flow and settle their liabilities.

## 42. Financial instruments

### 42.1 General

The Group has exposure to the following risks from its use of financial instruments:

- Credit risk.
- Liquidity risk.
- Market risk.

In the notes to the consolidated financial statements information is included about the Group's exposure to each of the above risks, the Group's objectives, policies and processes for measuring and managing risk, and the Group's management of capital.

These risks, objectives, policies and processes for measuring and managing risk, and the management of capital apply also to the company financial statements of Photon Energy N.V.

No derivative financial instruments are being used at parent company level.

### 42.2 Fair value

The fair value of the financial instruments stated on the balance sheet, including cash at bank and in hand and current liabilities, is close to the carrying amount.

## 43. Share in results from participating interests

An amount of EUR 1,593 thousand (loss) of share in results from participating interests relates to group companies (2014: loss of EUR 2,136 thousand).

## 44. Fees of the auditor

With reference to Section 2:382a(1) and (2) of the Netherlands Civil Code, the following fees for the financial year have been charged by Grant Thornton Accountants en Adviseurs B.V. to the Company in 2015:

## 2015:

| <i>In thousand of EUR</i>          | <b>Grant Thornton Accountants<br/>en Adviseurs B.V.</b> | <b>Other Grant Thornton<br/>member firms and affiliates</b> | <b>Total</b> |
|------------------------------------|---------------------------------------------------------|-------------------------------------------------------------|--------------|
| Statutory audit of annual accounts | 33                                                      | -                                                           | 33           |
|                                    | <b>33</b>                                               | <b>-</b>                                                    | <b>33</b>    |

With reference to Section 2:382a(1) and (2) of the Netherlands Civil Code, the following fees for the financial year 2014 have been charged by Grant Thornton Accountants en Adviseurs B.V. to the Company:

## 2014:

| <i>In thousand of EUR</i>          | <b>Grant Thornton Accountants<br/>en Adviseurs B.V.</b> | <b>Other Grant Thornton<br/>member firms and affiliates</b> | <b>Total</b> |
|------------------------------------|---------------------------------------------------------|-------------------------------------------------------------|--------------|
| Statutory audit of annual accounts | 33                                                      | -                                                           | 33           |
|                                    | <b>33</b>                                               | <b>-</b>                                                    | <b>33</b>    |

## 45. Related parties

### 45.1 Transactions with key management personnel

#### 45.1.1 Key management personnel compensation

Key management personnel did not obtain any compensation for their activity for PE NV in 2015.

#### 45.1.2 Key management personnel and director

The directors of the Company control 90.25% of the voting shares of the Company. The Directors hold positions in other

group entities that result in having control or significant influence over the financial or operating policies of these entities.

#### 45.1.3 Emoluments of directors and supervisory directors

No emoluments, including pension obligations as intended in Section 2:383(1) of the Netherlands Civil Code were charged in the financial period to the Company.

Amsterdam, 22 April 2016

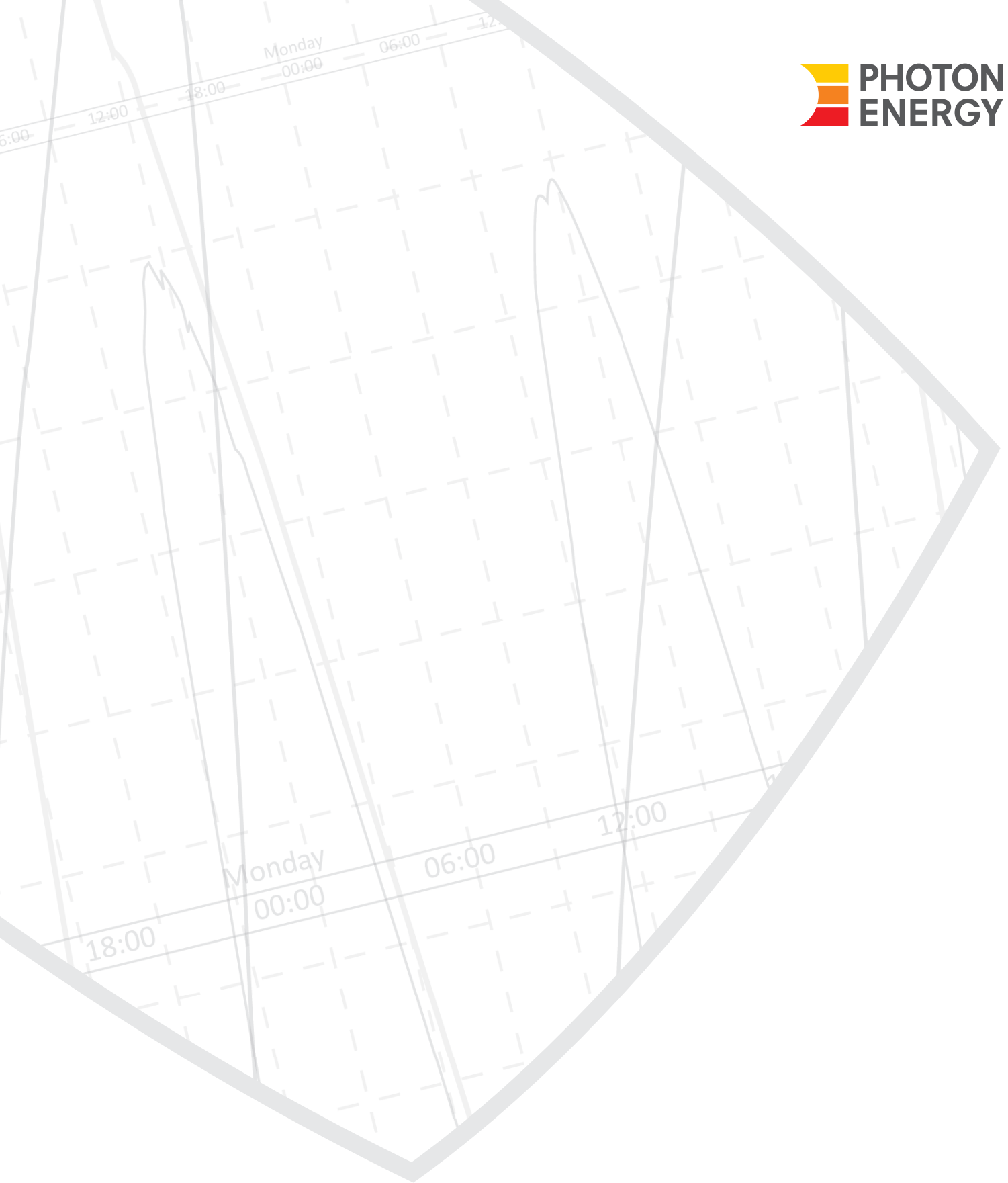
The Board of Directors:



Michael Gartner, Director



Georg Hotar, Director



## Other information

## Other information

### **I. Emoluments of directors and supervisory directors**

No emoluments, including pension obligations as intended in Section 2:383(1) of the Netherlands Civil Code, were charged in the financial period to the Company.

### **II. Provisions in the Articles of Association governing the appropriation of profit**

According to article 20 of the company's Articles of Association, the profit is at the disposal of the General Meeting of Shareholders, which can allocate the profit wholly or partly to the general or specific reserve funds.

The Company can only make payments to the shareholders and other parties entitled to the distributable profit for the amount the shareholders' equity are greater than the paid-up and called-up part of the capital plus the legally required reserves.

### **III. Proposal for profit appropriation**

The General Meeting of Shareholders will be asked to approve the following appropriation of the 2015 loss: an amount of EUR 1,720 thousand to be added to the retained earnings.

### **IV. Subsequent events**

Please refer to note 31 of the consolidated financial statements.

For Photon Energy N.V. there were no other subsequent events affecting the situation at balance sheet date.

### **V. Subsidiaries**

The Company has subsidiaries in Czech Republic, Slovak Republic, Italy, Germany, Poland, Ireland, Cyprus and Australia. For the list of all subsidiaries refer to the Note 30 of the Consolidated financial statements.

### **VI. Independent auditor's report**

The independent auditor's report is set forth on the next pages.

To: the General Meeting of Shareholders of Photon Energy N.V.

## **INDEPENDENT AUDITOR'S REPORT**

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### **Report on the financial statements**

We have audited the accompanying financial statements 2015 of Photon Energy N.V. , Amsterdam. The financial statements include the consolidated financial statements and the stand alone financial statements. The consolidated financial statements comprise the consolidated statements of financial position as at 31 December 2015, the consolidated statement of comprehensive income, changes in equity and cash flow for the year then ended, and notes, comprising a summary of the significant accounting policies and other explanatory information. The standalone financial statements comprise the company balance sheet as per 31 December 2015, the company income statement for the year then ended and the notes, comprising a summary of the accounting policies and other explanatory information.

### **Management's responsibility**

Management is responsible for the preparation and fair presentation of these financial statements in accordance with International Financial Reporting Standards as adopted by the European Union and with Part 9 of Book 2 of the Dutch Civil Code, and for the preparation of the director's report in accordance with Part 9 of Book 2 of the Dutch Civil Code. Furthermore, Management is responsible for such internal control as it determines necessary to enable the preparation of the financial statements that are free from material misstatement, whether due to fraud or error.

### **Auditor's responsibility**

Our responsibility is to express an opinion on these financial statements based on our audit. We conducted our audit in accordance with Dutch law, including the Dutch Standards on Auditing. This requires that we comply with ethical requirements and plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the financial statements, whether due to fraud or error.

In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of accounting estimates made by management, as well as evaluating the overall presentation of the financial statements.

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

**Opinion with respect to the consolidated financial statements**

In our opinion, the consolidated financial statements give a true and fair view of the financial position of Photon Energy N.V. as at December 31, 2015 and of its result and its cash flows for the year then ended in accordance with International Financial Reporting Standards as adopted by the European Union and with Part 9 of Book 2 of the Dutch Civil Code.

**Opinion with respect to the financial statements**

In our opinion, the stand alone financial statements give a true and fair view of the financial position of Photon Energy N.V. as at December 31, 2015 and of its result for the year then ended in accordance with Part 9 of Book 2 of the Dutch Civil Code.

**Report on other legal and regulatory requirements**

Pursuant to the legal requirement under Section 2:393 sub 5 at e and f of the Dutch Civil Code, we have no deficiencies to report as a result of our examination whether the management board report, to the extent we can assess, has been prepared in accordance with Part 9 of Book 2 of this Code, and whether the information as required under Section 2:392 sub 1 at b-h has been annexed. Further we report that the management board report, to the extent we can assess, is consistent with the financial statements as required by Section 2:391 sub 4 of the Dutch Civil Code.

Amsterdam, 22 April 2016

Grant Thornton Accountants en Adviseurs B.V.

M.J.J. Welsink  
Registeraccountant

