



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

**Brussels Marriott Hotel Grand Place**

Rue Auguste Orts 3-7/Grand Place - Brussels 1000, Belgium

## DAY 1 – 06 MARCH

14:00 – 14:30	<b>Welcome and Registrations</b>
14:30 – 14:45	<b>The State of Solar - Ballroom</b> Christian Westermeier, President, SolarPower Europe
14:45 – 15:00	<b>Keynote speech - Ballroom</b> Miguel Arias Cañete, Commissioner for Climate Action and Energy, European Commission
15:00 – 15:15	<b>Keynote speech - Ballroom</b> Mechthild Wörzdörfer, Director, International Energy Agency (IEA)
15:15 – 16:30	<b>SOLAR ENERGY LEADING THE ENERGY TRANSITION AND THE DECARBONISATION OF THE EUROPEAN ECONOMY - Ballroom</b> In November 2018, the European Commission issued its strategic vision for the decarbonisation of the European economy by 2050. This vision is influencing the European industrial, energy and societal path towards a net-zero economy. As the lowest cost and most easily deployed clean energy technology, solar emerges as a key technology to achieve a net-zero economy by 2050, maximizing the social and economic impact for Europe. Solar certainly has a massive appeal because of its unique capability to power all aspects of life, from homes or apartments, to farming, industry, carports, etc. Join us for a deep-dive into a solar-powered economy!  <b>Moderator:</b> Linda Kalcher, Senior Associate on climate policy, European Climate Foundation (ECF)  <b>Panel:</b> <ul style="list-style-type: none"><li>• Walburga Hemetsberger, CEO, SolarPower Europe</li><li>• Leonardo Botti, Global Head of Product Management, ABB</li><li>• Sami Andoura, Sustainable Development Team Leader, EPSC European Commission</li><li>• Laurent Schmitt, General Secretary, ENTSO-E</li><li>• Andrea Panizzo, Head of Business Development of Europe &amp; Middle East Area, Enel Green Power</li><li>• Mechthild Wörzdörfer, Director, International Energy Agency (IEA)</li></ul>
16:30-16:45	<b>Coffee Break</b>
16:45-18:00	<b>EUROPEAN MARKET OUTLOOK - Ballroom</b> Following the adoption of a 32% renewable target and removal of trade measures, the outlook is very positive on future developments for the European markets. SolarPower Europe forecasts that the European Union's solar market could grow 4-fold to over 32 GW per year by 2022 in its High Scenario. But how will this growth materialize in Europe? Which countries are the most promising? And where do we need an extra push?  <b>Moderator:</b> Michael Schmela, Executive Advisor and Head of Market Intelligence, SolarPower Europe  <b>Input Presentation:</b> Pietro Radoia, Solar Analyst, Bloomberg NEF  <b>Panel:</b> <ul style="list-style-type: none"><li>• Pietro Radoia, Head of Solar, Bloomberg NEF</li><li>• José Donoso, General Director, UNEF</li><li>• Jaap Baarsma, President, Holland Solar</li><li>• Trine Kopstad Berentsen, CEO, Norwegian Solar Energy Cluster</li><li>• Ruud Kempener, Policy Officer, DG ENERGY, European Commission</li></ul>



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

18:00-20:00	<b>Networking drinks</b>  <b>Keynote speech:</b> Dominique Ristori, Director General ENERGY, European Commission
20:00 – 22:00	<b>Gala dinner</b>  <b>Speeches:</b> <ul style="list-style-type: none"><li>• Walburga Hemetsberger, CEO, SolarPower Europe</li><li>• Stefano Mantellassi, Vice-President ENI Energy Solutions</li></ul>



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

## DAY 2 – 07 MARCH

08:30 – 09:00	<b>Welcome and Registrations</b>		
09:00 – 09:15	<b>Opening Speech - <i>Ballroom</i></b> Walburga Hemetsberger, CEO, SolarPower Europe		
09:15 – 10:10	<p><b>HIGH-LEVEL SOLAR INDUSTRY FORUM - IS EUROPE READY TO BECOME AN INDUSTRIAL LEADER? - <i>Ballroom</i></b></p> <p>By spring 2019, the European Parliament and Council will have finalized negotiations on the “Clean Energy Package”, the biggest set of European legislation on energy policy in the last 10 years. Has the Clean Energy package achieved this objective from the perspective of European policy makers and business leaders? And what are the next steps for Europe’s clean energy industrial strategy?</p> <ul style="list-style-type: none"> <li>• Reflect on the main transformations put forward by the Clean Energy Package and its impact on Europe’s energy transition.</li> <li>• Define the contours of Europe’s next big challenges on energy policy, in the frame of the next European mandate.</li> </ul> <p><b>Moderator:</b> Aurélie Beauvais, Policy Director, SolarPower Europe</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Fabrizio Bizzarri, Head of Solar Wind and Geothermal Innovation, Enel Green Power</li> <li>• Christian Westermeier, Vice President Marketing, Sales &amp; Application Engineering, Wacker Chemie AG</li> <li>• Matthias Buck, Director of European Energy Policy, Agora Energiewende</li> <li>• Markus Priester, Local Segment Manager Photovoltaik, Weidmüller</li> </ul>		
10:10 – 10:15	Room change		
	<p><b>Breakout session 1: THE ENERGY WORLD THROUGH DIGITAL SOLAR &amp; STORAGE</b> <i>Ballroom</i></p>	<p><b>Breakout session 2: BIPV – BUILDING SMARTER AND GREENER EUROPEAN CITIES</b> <i>Studio 4</i></p>	<p><b>Breakout session 3: WILL ECODESIGN MAKE OR BREAK THE SOLAR INDUSTRY?</b> <i>Studio 5</i></p>
10:15 – 11:15	<p>New technological developments and regulatory changes in the electricity market design open up vast opportunities for the European solar industry. Innovative business models are emerging thanks to the employment of digital and storage technologies, which make a perfect match with the features of solar power. During this session we will look at state-of-the-art examples across Europe of PV plants employing digital and storage technology, as well as explore and discuss the impact of the new Market Design regulation on</p>	<p>The EU has agreed on new rules for the Energy Performance of Buildings, meaning that Member States must act to prepare the path towards a low and zero-emission building stock in the EU by 2050. BIPV solutions are therefore a natural ally to accelerate this transformation and respond to the needs and constraints faced by smarter and greener cities.</p> <p>SolarPower Europe and ETIP PV’s study on BIPV and Smart Cities offers a comprehensive vision of how cities, mayors, city planners, architects, the construction sector and financing sector must interact to</p>	<p>The European Commission and the Joint Research Centre (JRC) are in the process of examining the possibility of applying measures such as ecodesign and ecolabel to solar panels, inverters and systems. Products covered by ecodesign can only be commercialized in the EU if they fulfil certain minimum environmental efficiency requirements. This session will be an opportunity to get an update about the initiative from the European Commission’s representative.</p>



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

	<p>innovative business cases for small and large PV applications.</p> <p><b>Moderator:</b> Sonia Dunlop, Senior Policy Advisor, SolarPower Europe</p> <p><b>Input Presentation:</b> “When Solar goes Digital” - Sonia Dunlop, Senior Policy Advisor, SolarPower Europe</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Felix Dembski, Vice President Strategy, Sonnen</li> <li>• Frédéric Artigou, Photovoltaic lead in the expertise center of the BU France renewable, ENGIE</li> <li>• Natalie Samovich, Head of Research and Innovation, AIOTI</li> <li>• Francesco Gattiglio, EU Affairs Manager, EUROBAT</li> <li>• Steve Blume, President, Smart Energy Council</li> </ul>	<p>make it possible for BIPV to take over our cities.</p> <p><b>Moderator:</b> Rutger Schlatmann, Director at PVcomB/HZB and Professor at HTW Berlin</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Francisco Gonçalves, Project Manager, Energy Cities</li> <li>• Gabriel Delmer, Product Development, Akuo Energy</li> <li>• Layla Sawyer, Business Analyst, SmartEn</li> <li>• Astrid Schneider, Expert on BIPV and Solar Architecture, Berlin / Vienna</li> </ul>	<p><b>Moderator:</b> Andreas Wade, Global Sustainability Director, First Solar</p> <p><b>Input presentation:</b> “Update on the preparatory study on the feasibility of applying EU sustainable product policy instruments to solar photovoltaic modules, inverters and systems” - Davide Polverini, Policy Officer, European Commission</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Davide Polverini, Policy Officer, European Commission</li> <li>• Wolfgang Storm, Senior Marketing Manager, Wacker Chemie</li> <li>• Françoise Burgun, Program Manager, CEA</li> <li>• Pierre-Emmanuel Hickel, PV Industrialization Manager, Total</li> <li>• Thomas Sauer, President &amp; CEO, Owner, EXXERGY GmbH</li> </ul>
11:15 – 11:45	<b>Coffee Break</b>		
11:45 – 12:45	<p><b>Breakout session 1: SOLAR MOBILITY - SOLAR IN THE DRIVER’S SEAT</b> <i>Studio 5</i></p> <p>Transport is acknowledging a deep transformation, pushed by the necessity to decarbonise the sector and to reduce air and noise pollution in cities: 4 million electric vehicles are on the road worldwide since August 2018. This electrification of transport presents massive opportunities for solar: solar can be integrated into vehicles or to carports, used as a fuel via power-purchase-agreements or offered as an integrated offer with electric vehicle charging points. These innovative solutions will require bridging the transport and energy sector, both at business level and at policy level. This session will explore the opportunities and the challenges of solar-powered mobility.</p>	<p><b>Breakout session 2: UNLOCKING THE POTENTIAL OF LARGE-SCALE SOLAR IN EUROPE</b> <i>Ballroom</i></p> <p>In December 2018, SolarPower Europe launched its “Grid Intelligent Solar” report, which shows that utility-scale solar is not only the lowest cost power source in many regions, but also a reliable partner that helps to keep the grid stable and supports Europe’s security of supply.</p> <p><b>Moderator:</b> Leah Charpentier, Head of European Regulatory Affairs &amp; Government Relations, First Solar</p> <p><b>Input presentation:</b> “Presentation of SolarPower Europe’s 2018 report on Grid Intelligent Solar” - Leah Charpentier, Head of European</p>	<p><b>Breakout session 3: LATEST TRENDS AND INNOVATIONS IN SOLAR O&amp;M</b> <i>Studio 4</i></p> <p>Innovations in O&amp;M services are anticipated to reduce the levelised cost of electricity by 0.8% to 1.4% between 2015 and 2030. The savings are dominated by improvements in OPEX and power plant availability and hence by net Annual energy Production. In this session, we will discuss what are the latest trends and most innovative solutions in the field of solar Operations &amp; Maintenance, including artificial intelligence, machine learning, predictive algorithms, IoT, drones, cleaning robots or anti-soiling and anti-reflective coatings and how O&amp;M contractors are increasingly relying on them to improve performance and to keep up with market requirements.</p>



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

	<p><b>Moderator:</b> Naomi Chevillard, Policy Advisor, SolarPower Europe</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Arina Anisie, Renewable Energy Innovation – Associate Programme Officer, IRENA</li> <li>• Jennat El Guennouni, Business Manager EV &amp; New Business Energy, Groupe Renault</li> <li>• Christelle Verstraeten, Senior Director European Policy, Chargepoint</li> </ul>	<p>Regulatory Affairs &amp; Government Relations, First Solar</p> <p><b>Panel:</b></p> <ul style="list-style-type: none"> <li>• Jochen Hauff, Head of Strategy, Energy Policy &amp; Sustainability, BayWa r.e.</li> <li>• Aurélie Beauvais, Policy Director, SolarPower Europe</li> <li>• Eric Quiring, Public Affairs Specialist, SMA Solar Technology AG</li> <li>• Jan Vedde, Senior Project Manager, European Energy</li> </ul>	<p><b>Moderator:</b> Paolo Vincenzo Chiantore, Managing Director, BayWa r.e. Operation Services s.r.l.</p> <p><b>Input presentations followed by a panel discussion:</b></p> <ul style="list-style-type: none"> <li>• "Retrofit Coatings" - Paolo Tusa, Commercial Manager, DSM Advanced Solar</li> <li>• "Smart PV power plant monitoring and data-driven O&amp;M" - Santiago Estrada, Head of Sales &amp; Marketing, SynaptiQ – 3E</li> <li>• "Advanced aerial thermography with drones" - Viola Hoffmann, Managing Director, Ucair</li> <li>• "O&amp;M for PV power plants with batteries" - Marie Bartle, Sales Engineer, Qos Energy</li> <li>• "PV quality and economy" - Ulrike Jahn, Project Manager, R&amp;D Projects - TÜV Rheinland Energy GmbH</li> </ul>
--	--	---	--

12:45 – 14:15 **Networking Lunch**

	<p><b>Breakout session 1: EMERGING MARKETS - FINANCING SOLAR PROJECTS IN AFRICAN COUNTRIES</b> <i>Ballroom</i></p>	<p><b>Breakout session 2: HOW CAN CORPORATE SOURCING DRIVE NEW SOLAR PV?</b> <i>Studio 4</i></p>
<p>14:15 – 15:45</p>	<p>Many African countries are faced by fast-growing energy demand and energy poverty, coupled with difficult access to financing, which are major barriers to development. To address this challenge, European Union has deployed various initiatives to promote investment in renewable energy in general and solar specifically.</p> <p>In this session, SolarPower Europe, supported by GET.invest and the Electrification Finance Initiative (ElectriFi), will present support schemes and financing possibilities for solar projects in Africa.</p> <p><b>Moderator:</b> Stefano Mantellassi, Vice-President ENI Energy Solutions / Chair of the SolarPower Europe Emerging Markets Taskforce</p> <p><b>Keynote Speech:</b> Georgios Pantoulis, Deputy Head of Unit Sustainable Energy and Climate Change, DG DEVCO, European Commission</p>	<p>Corporate PPAs and corporate sourcing are one of the big mega trends in the European renewables market over the next five years. This is a phenomenon that started in the United States and is now coming to Europe. But how can we ensure that we maximise the benefits for solar and other renewables?</p> <ul style="list-style-type: none"> <li>• How can we ensure additionality and ensure that demand for more renewable electricity entails more demand for renewable installations</li> <li>• What are the main barriers to increased renewable energy sourcing? How can these be removed in the fastest and most cost effective way?</li> <li>• What are the specific regulatory and policy issues that need to be addressed? How can the REDII and Market Design implementation at Member State level address these issues?</li> <li>• Where are the hot markets in Europe over the coming years for corporate solar sourcing?</li> </ul>



# SolarPower Summit

6-7 MARCH 2019 | BRUSSELS

**Input presentation:**

- "Financing and bankability challenges facing solar energy projects in emerging markets" - Damien Ricordeau, CEO, Finergreen
- "The Electrification financing initiative (ElectriFI)" - Natalia Svarinska, Investment Officer, ElectriFI

**Panel:**

- Damien Ricordeau, CEO, Finergreen
- Guido Agostinelli, Senior Industry Specialist, Solar Energy, IFC
- Georgios Pantoulis, Deputy Head of Unit Sustainable Energy and Climate Change, DG DEVCO, European Commission
- Natalia Svarinska, Investment Officer, ElectriFI
- Alexander Huppertz, Technical Advisor, GET.invest

- What about the landlord / tenant issue? How can we increase the number of rented apartments and commercial lets with solar roofs?

Session supported by RE-Source Platform.

**Moderator and short intro:** Bruce Douglas, Deputy CEO, SolarPower Europe

**Panel:**

- Mariana Heinrich, Manager Climate & Energy, WBCSD
- Karol Goczyński, Climate & Energy Manager, IKEA Group
- Sam Kimmins, Head, RE100
- Zosia Riesner, Head of Corporate PPA, Lightsource BP
- Loukia Kotsimpou, Head, Asset Management, Athens International Airport S.A.

15:45 - 17:00

**Closing Speech and Networking drinks**

**Closing Speech:** Walburga Hemetsberger, CEO, SolarPower Europe