



## PV Innovation: Assuring Europe's Energy Independent Future with Photovoltaics

With an exceptionally strong solar R&D landscape and the most advanced equipment providers, it will be essential to leverage existing European R&D resources and know-how to advance these technologies. The conference will highlight how policy, supply chain factors, research and innovation, international trade, economic growth and environmental and climate concerns can deliver the resurgence of a European solar supply chain.

The conference is chaired by Peter Fath (RCT Solutions), Delfina Munoz (CEA Liten) and Nabih Cherradi (Desert Technologies).

**Date:**  
10 & 11 May 2023  
**Location:**  
VBO FEB Brussels

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HERE**

## CONFERENCE PROGRAMME

### ETIP PV Annual Conference 2023 – Day 1

|               |   |
|---------------|---|
| 13.30 – 14.00 | Registration and Welcome Coffee   |
| 14:00 -14.30  | <p><b>Welcome Speech</b></p> <p><b>Rutger Schlatmann</b><br/>(HZB-Institut PVcomB and ETIP PV Chair)</p> <p><b>Opening Keynote Speech</b></p> <p><b>Lukasz Kolinski</b><br/>(Head of unit of the renewable energy unit, DG ENER, European Commission)</p> |

|                      |  |  |
|----------------------|--|--|
| <p>14.30 – 15.00</p> | <p><b>Chairs/ moderators:</b> Peter Fath (RCT Solutions), Delfina Munoz (CEA Iiten)</p> <p><b>Keynote speeches</b></p> <p><i>Insights for building a competitive PV supply chain in Europe</i></p> <p><i>The applied US incentive scheme for solar manufacturing</i></p>   | <p><b>Christian Staudt</b><br/>(McKinsey &amp; Company)</p> <p><b>Markus Beck</b><br/>(U.S. Department of Energy)</p>  |
| <p>15.00 – 16.00</p> | <p><b>Panel Discussion on Global Solar manufacturing development</b></p> <p><i>The surging development of domestic manufacturing cannot exist without real government support, as it was the case for other industries in the past. Therefore, governments have set up different support mechanisms to build up their supply chains, weaving conventional technologies and innovative ones.</i></p> <p><i>How is the solar industry developed through two examples: "Make in India" and "Made in America"?</i></p> | <p><b>Gulnara Abdullina</b><br/>(LONGi Solar)</p> <p><b>Christian Staudt</b><br/>(McKinsey &amp; Company)</p> <p><b>Cosimo Gerardi</b><br/>(Enel Green Power)</p> <p><b>Johan Lindahl</b><br/>(ESMC)</p>   |
| <p>16.00 – 16.30</p> | <p>Coffee Break</p>  |  |
| <p>16.30 – 17.00</p> | <p><b>Chairs/ moderators:</b> David Moser (Eurac research), Bianca Lim (ISFH)</p> <p><b>Keynote speeches</b></p> <p><i>Can the European dream of a competitive EU Solar Industry become true?</i></p>  | <p><b>Peter Fath</b><br/>(RCT Solutions)</p>   |
| <p>17.00 – 18.00</p> | <p><b>Panel Discussion on the competitiveness of European production, supply chain for overall PV ecosystem</b></p> <p><i>European leading edge of innovation combined with verticality and scale; the European manufacturers could produce competitive very high-quality products system. This session will explore the pathway to be followed for the EU to achieve its objectives within the next 5 years and how the European PV innovation-to-market pipeline is enabling this ambition today.</i></p>        | <p><b>Ozer Ergul</b><br/>(Aquila Capital)</p> <p><b>Peter Fath</b><br/>(RCT Solutions)</p> <p><b>Wolfgang Storm</b><br/>(Wacker Chemie AG)</p> <p><b>Goran Bye</b><br/>(Norwegian Crystals)</p> <p><b>Christoph Podewils</b><br/>(Meyer Burger)</p> <p><b>Lucas Weiss</b><br/>(Voltec Solar)</p> |
| <p>18.00–19.00</p>   | <p>Networking Drinks</p>   |  |

**ETIP PV 2023 Annual Conference 2023 – Day 2**

|               |   |   |
|---------------|---|---|
| 9.00-9.20     | Registration and Welcome Coffee   |   |
| 9.20 – 9.30   | <b>Opening Speech</b><br><b>Rosalinde Van der Vlies</b><br>(Director of the Clean Planet DG RTD, European Commission)   |   |
| 9.30 – 10.00  | <b>Chairs/ moderators:</b> <i>Nabih Cherradi (Desert Technologies), Jutta Trube (VDMA)</i><br><b>Keynote speeches</b><br><i>Research and development for sustainable PV production in Europe.</i><br><i>Key Levers for a competitive solar PV Manufacturing in Europe</i>   | <b>Ralf Preu</b><br>(Fraunhofer ISE)<br><b>Raffaella Giardino</b><br>(Carbon)   |
| 10.00 – 11.00 | <b>Panel Discussion on Photovoltaics innovative technologies manufacturing and in manufacturing for a TW solar age</b><br><i>European companies and research centers have demonstrated their global innovative edge by developing world-leading high-efficiency cell and module technologies as well as future-proof solar applications on the integration of photovoltaic energy. How to transform the European leading edge in PV R&amp;D Technologies, equipment manufacturing and PV installation into a \$ per Wp.</i> | <b>Ralf Preu</b><br>(Fraunhofer ISE)<br><b>Raffaella Giardino</b><br>(Carbon)<br><b>Anis Jouini</b><br>(CEA Liten)<br><b>Gerard de Leede</b><br>(Solarge)<br><b>Stefan Rinck</b><br>(Singulus Technologies) |
| 11.00-11.30   | Coffee Break  |   |

**Chairs/ moderators:** *Bonna Newman (LightYear), Delfina Munoz (CEA liten)*

### Keynote speeches

*Status of End-of-Life of PV modules in the EU and existing waste streams.*

*Regulatory framework of sustainable design in PV*

**Karsten Wambach**  
(bifa Umweltinstitut GmbH)  
**Raffaele Rossi**  
(SolarPower Europe)

### Panel Discussion on Sustainability and Social impact of Photovoltaics

*There are multiple benefits to growing domestic renewable energy manufacturing, including job creation, economic development and reducing GHG emissions. Thinking about the cycling economy, cradle-to-cradle, and recycling concepts, Europe is predestined to introduce real sustainability into the energy system and provide real "green" energy. Social acceptance.*

**Karsten Wambach**  
(bifa Umweltinstitut GmbH)  
**Raffaele Rossi**  
(SolarPower Europe)  
**Gernot Oreski**  
(PCCL)  
**Laura Miranda Perez**  
(Oxford PV)  
**Wolfgang Storm**  
(Wacker Chemie AG)

### Closing Session

Closing Keynote Speech

Wrap-up

Lunch Break

**VIPERLAB First Public event:** *"Status of achievements in the perovskite based PV field-Performance, Infrastructure, Community and Strategic Research and Innovation agenda"*

Register [here](#) for the workshop



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