

ETIP PV Secretariat

Annual conference of the European Technology & Innovation Platform for PV

## READYING FOR THE TW ERA

28 May 2019

• BIP, Rue Royale 2-4, 1000 Brussels, Belgium •



**08:45 REGISTRATION & WELCOME COFFEE**

**09:15 CONFERENCE OPENING**

**Opening address by** M. Van Stiphout, DG Energy, European Commission

**Photovoltaics: is there still a need for R&D and what should come next?**

*C. Ballif, EPFL and director CSEM PV-center*

### SESSION I: Industry and Market Status: PV entering a new era of massive development

**Chair:** *M. Topič, ETIP PV Chairman*

**10:00 The PV industry in 2019**

*I. Kaizuka, RTS Corporation*

**10:20 Competitive PV in the era of renewable power**

*P. Ralon, IRENA*

**10:35 Utility-scale PV – the cheapest form of electricity**

*E. Vartiainen, Fortum Growth Oy*

**10:50 Challenges and opportunities for PV in emerging countries**

*Gr. de Pierpont, Enerdeal*

**11:05 Q&A**

### 11:30 – 12:00 COFFEE BREAK & POSTER SESSION

### SESSION II: Long term Development Options: from clean transportation and smart buildings to solar fuels and more: a PV Vision

**Chair:** *D. Moser, EURAC, ETIP PV Steering Committee member*

**12:00 IEA PV perspectives**

*C. Philibert, IEA*

**12:15 Long term scenarios for PV deployment**

*C. Breyer, LUT*

**12:30 Panel discussion**

The role of clean transportation  
Smart Energy Buildings  
Hydrogen and solar

*M-F. Van der Valk, Renault Nissan*  
*F. Karg, AVANCIS*  
*D. Thomas, Hydrogenics*

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13:15 – 14:30 LUNCH

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### SESSION III: Challenges for high PV penetration in Europe: the role of innovative policies and cross-cutting business models

**Chair:** *J. Donoso, UNEF*

**14:30 The Electricity Market Design and the Ecological Transition: some reflections**

*J. Donoso, UNEF*

**14:45 Panel discussion**

Utilities business models

*F. Sotiau, ENGIE*

PV in Italy: self-consumption and innovations

*L. Calleri, Elettricità Futura*

PV in Germany: PVP4Grid project experiences

*D. Wedepohl, BSW-Solar*

PV for heating & cooling

*D. Mugnier, TECSOL/IEA-SHC*

BIPV development and innovative building skins

*M. Machado, TECNALIA*

### 15:45 – 16:15 COFFEE BREAK & POSTER SESSION

### SESSION IV: Manufacturing challenges for Europe: filling the gap with competitors

**Chair:** *G. Masson, ETIP PV Vice-Chairman*

**16:15 Panel discussion**

*P. Wohlfart, SINGULUS TECHNOLOGIES*

*W. Storm, Wacker*

*F. Bizzarri, Enel Green Power*

*E. Ast, Staubli*

*O. Calkoen, HyET Solar*

**17:15 CONFERENCE CLOSING**

*M. Topič, ETIP PV Chairman*

### 17:30 – 18:30 END OF THE CONFERENCE & COCKTAIL