

ETIP PV Secretariat



Supported by



Follow us at:
#SolarTWEra

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 the 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 Costs and market perspectives

P. Ralon, IRENA (invited)

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 Long term perspectives

C. Philibert, IEA

12:15 Long term scenarios for PV deployment

C. Breyer, LUT

12:30 Panel discussion

The role of clean transportation
From oil to clean energy
Smart Energy Buildings
Hydrogen and solar

M-F. Van der Valk, Renault Nissan
A. Domnick, Shell
tbc, Bouygues
D. Thomas, Hydrogenics

13:15 – 14:30 LUNCH

ETIP PV Secretariat



Supported by



Follow us at:
#SolarTWEra

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

Chair: *W. Sinke, ETIP PV Vice-Chairman*

14:30 Electricity market design

José Donoso, UNEF (invited)

14:45 Panel discussion

Utilities business models

PV in Italy: self-consumption and innovations

PV in Germany: PVP4Grid project experiences

PV for heating & cooling

BIPV development and innovative building skins

F. Sotiau, ENGIE

L. Calleri, Elettricità Futura

D. Wedepohl, BSW-Solar

D. Mugnier, TECSOL/IEA-SHC

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

A. Chaperon, Total (invited)

P. Wohlfart, SINGULUS TECHNOLOGIES

W. Storm, Wacker

F. Bizzarri, Enel Green Power

E. Ast, Staubli

R. Battistuti, Energetica (invited)

R. Swanborn, HYET

A. Richter, Meyer Burger (invited)

17:15 CONFERENCE CLOSING

M. Topič, ETIP PV Chairman

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