

ETIP PV Secretariat



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QUALITY AND SUSTAINABILITY OF PV SYSTEMS CONFERENCE

3 May 2018

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

08:30 REGISTRATION

09:00 CONFERENCE OPENING

Marko Topič, ETIP PV Chairman

SESSION I: Quality in solar PV: what can we learn from other EU and Global Initiatives?

Chair: *David Moser, EURAC Research and ETIP PV Steering Committee member*

09:10 Boosting Solar PV Market – The role of Quality Infrastructure

Francisco Boshell, IRENA

09:30 PV QAT – A Global effort to craft quality and reliability standards

Ingrid Repins, NREL

09:45 White paper from Solar United

Eric Ast, SOLARUNITED

10:00 Performance and Reliability of PV modules and systems – an PVPS-IEA perspective

Ulrike Jahn, TUV Rheinland Energy

10:15 Q&A

10:45 COFFEE BREAK

SESSION II: Does quality have an impact on bankability?

11:15 Panel discussion

Moderator: *Gaëtan Masson, ETIP PV Vice-Chairman*

Torsten Heidemann, Nordbank

Francesco Girardi, Bluefield

Corinne Benderski, S&P Global Ratings

Matthew Merfert, EMEA, Firstsolar

Neil Perry, Solarcentury

Ja-Willem Hoogenboezem, Aon Risk Solutions

12:00 – 13:30 LUNCH

13:00 – 13:30 POSTER SESSION

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SESSION III: Ecodesign, Ecolabeling and Green Procurement Policies – enabling more Sustainable Photovoltaics?

Chair: *Andreas Wade, FirstSolar and ETIP PV Steering Committee member*

13:30 Current Status of the joint preparatory study on Eco-Design, Eco-Labeling, Energy Labeling and Green Public Procurement of photovoltaic panels, inverters and PV systems

Davide Polverini, European Commission, DG GROW

13:45 NSF/ANSI 457 – International Sustainability leadership standard for Photovoltaic Modules – a benchmark for a global eco-label for PV modules

Nancy Gillis, Green Electronics Council

14:00 Impact of Sustainability Initiatives on the European solar value chain

Mate Heisz, SolarPower Europe

14:15 IEA PVPS Task 12 – PV Sustainability – international collaboration enabling more sustainable photovoltaics

Andreas Wade, Deputy Operating Agent, IEA PVPS Task 12

14:30 Q&A

SESSION IV: Quality and reliability, experience from the field

Chair: *Achim Woyte, 3E and ETIP PV Steering Committee member*

15:00 Quality of components: due diligence and the role of the planning phase

Daniel Barandalla, DNV GL

15:15 High volume PV module inspection after shipment

Chokri Mousaoui, EternalSun

15:30 Review of PV module failures in the field

Marc Köntges, ISFH

15:45 Operational Performance on Plant and Inverter Level: Data Analytics for Optimizing Operations and Maintenance

Mauricio Richter, 3E

16:00 – 16:30 COFFEE BREAK & POSTER SESSION

SESSION V: R&D&I Panel discussion – Best practices towards quality

16:30 Panel discussion

Moderator: *Andreas Bett, Fraunhofer ISE and ETIP PV Steering Committee member*

Christian Westermeier, Wacker

Fabrizio Bizzarri, Enel Green Power

Ulrike Jahn, TUV Rheinland Energy

Ingrid Repins, NREL

Tony Sample, EC JRC

Chokri Mousaoui, Eternal Sun

17:00 CONFERENCE CLOSING

Marko Topič, ETIP PV Chairman