

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 Understanding PV failures and improving quality at manufacturing level

Eric Ast, SOLARUNITED

10:00 Performance and reliability of PV modules and systems – An IEA PVPS perspective

Ulrike Jahn, TÜV Rheinland

10:15 Q&A

10:30 COFFEE BREAK

SESSION II: Does quality have an impact on bankability?

11:00 Panel discussion

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

Torsten Heidemann, Nordbank

Francesco Girardi, Bluefield

Corinne Benderski, S&P Global Ratings

Matthew Merfert, EMEA, First Solar

Jan Muller, solarcentury

Jan Willem Hoogenboezem, Aon Risk Solutions

11:45 – 13:15 LUNCH

12:45 – 13:15 POSTER SESSION

SESSION III: Ecodesign, ecolabeling and green procurement policies – Enabling more sustainable photovoltaics?

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

13:15 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

Nieves Espinosa, European Commission, JRC

13:30 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

13:45 Impact of sustainability initiatives on the European solar value chain

Wolfgang Storm, Wacker

14:00 IEA PVPS Task 12 – PV sustainability – International collaboration enabling more sustainable photovoltaics

Andreas Wade, Deputy Operating Agent, IEA PVPS Task 12

14:15 Q&A

SESSION IV: Quality and reliability, experience from the field

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

14:30 Quality of components: due diligence and the role of the planning phase

Daniel Barandalla, DNV GL

14:45 High volume PV module inspection after shipment

Chokri Mousaoui, Eternal Sun Group

15:00 Review of PV module failures in the field

Marc Köntges, ISFH

15:15 Operational performance on plant and inverter level: data analytics for optimizing operations and maintenance

Mauricio Richter, 3E

15:30 Q&A

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

SESSION V: R&D&I Panel discussion – How to address quality in practice?

16:15 Panel discussion

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

Wolfgang Storm, Wacker

Fabrizio Bizzarri, Enel Green Power

Ulrike Jahn, TÜV Rheinland

Ingrid Repins, NREL

Tony Sample, European Commission, JRC

Chokri Mousaoui, Eternal Sun Group

17:00 CONFERENCE CLOSING

Marko Topič, ETIP PV Chairman

17:15 – 18:00 END OF THE CONFERENCE & COCKTAIL

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