

Solar Bankability First Public Workshop

May 9-10th, 2016
Radisson Blu Hotel | Messe Kreisel 3 | 50679
Cologne, Germany



Enhancement of PV Investment Attractiveness - Technical Risk Quantification, Financial Risk Modelling and Risk Mitigation Measures

Introduction

Solar Bankability is a project funded by the European Commission's Horizon 2020 programme. It will run from March 2015 until February 2017 and its aim is to contribute to the reduction of the risks associated with investments in sustainable energy projects and more specifically photovoltaic (PV) installations. The project results should increase trust from investors, financiers and insurance companies by establishing a common practice for professional risk assessment based on technical and financial due diligence.

The first public event of the project will present and discuss the mid-term results of the project, the next steps but moreover pool together different expertise from relevant leading stakeholders and address existing challenges towards the objectives of the project.

Agenda

Day 1: 15:00-18:00

15:00	Registration & Welcome coffee	Forum
15:30	Welcome notes from project coordinators/host	David Moser, EURAC / Ulrike Jahn, TÜV Rheinland
	Session 1	Moderated by Dr. Michael Fuhs, pv-magazine
15:40	Improving the financeability and attractiveness of sustainable energy investments – EU Horizon 2020	Björn Zapfel, Executive Agency for SMEs - European Commission
15:50	Presentation on Project results (mid-term)	Ulrike Jahn, TÜV Rheinland, David Moser, EURAC
16:15	Expert debate on <i>Technical Risks in PV Investments</i>	Stephan Padlewski, DuPont Photovoltaic Solutions • M. Kaiser, Canadian Solar • A. Falk, SMA • Bjarn Röse Conergy Services
17:45	Summary	Caroline Tjengdrawira, 3E
18:00	End of Session 1	
19:00 – 21.00	Networking Dinner	Pronto!

The participants of the event are welcome to join the networking dinner.

www.solarbankability.eu



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Day 2: 09:00-17:00

08:30	Registration & Good morning coffee	Forum
09:00	Opening Remarks	Willi Vaaßen, TÜV Rheinland
09:10	Session 2 – Technical Risk Quantification and Assessment <i>Experts on failures from planning to operation</i>	Moderated by Willi Vaaßen, TÜV Rheinland
09:10	What are established technologies, when is a technology new? How we can determine the risk level throughout PV value chain?	André Richter, Meyer Burger AG
09:30	Technical Risk Assessment during the Planning and Construction of PV plants/solar parks	Ingo Klute, juwi AG
09:50	Technical Risk Assessment during the Operation and Maintenance of PV plants/solar parks	Manfred Bächler, E.ON Energie
~ 10 min additional Q&A session		
10:30	Networking Coffee/Tea Break	Forum
11:00	Session 3 – Considerations from the O&M experts / Mitigation techniques	Moderated by David Moser, EURAC
11:00	The requirements for an effective O&M strategy	Paolo Vincenzo Chiantore, Kenergia Sviluppo
11:20	Solar bankability: An O&M perspective	Richard Jackson, Lark Energy
11:40	How to mitigate risks and maximize yield during Operation	Martin Schneider, Meteocontrol
12:00	Operating and Optimizing Utility Scale PV	Gerhard Mütter, Alternative Energy Solutions GmbH
~ 10 min additional Q&A session		
12:30	Lunch Break	Pronto!
13:30	Session 4 – Financial Risk Quantification and Assessment <i>Experts on financing and insurance</i>	Moderated by Achim Woyte, 3E
13:30	Minimizing Financial Risk throughout Design, Construction, Operation and Maintenance	Oliver Herzog, Enerparc
13:50	Managing Financial Risks in PV Assets during Project Development and Operation	Francesco Girardi, Bluefield LLP
14:10	Making Solar Bankable from an Insurance Point of View	Harry Wolkenfelt, Solarif
14:30	Risk Analysis for Insurance of PV Manufacturers and PV Parks	Ulrich Bohnert, Munich RE
~ 10 min additional Q&A session		



15:00	Networking Coffee/Tea Break	Forum
15:30	Session 5 – How to Enhance Solar PV Investment Attractiveness	Moderated by Dr. James Watson, SolarPower Europe
15:30	PV Financing: Identifying the most profitable business models and financing schemes for PV systems	Luz Alicia Aguilar, BSW
15:40	Panel Discussion	
	Topics (tbd): - Quality standards - Risk monitoring, modelling and mitigation - Repowering - New business models	Matthias v. Armansperg, ACCELIOS, Solar Bankability EU project • Luz Alicia Aguilar, BSW, PV Financing EU project • Julien Pourquoi, Solaire Direct • Willi Vaaßen, TÜV Rheinland
16:30	Summary of Workshop	David Moser, EURAC / Ulrike Jahn, TÜV Rheinland
16:45	End of Workshop	

Target Group

Finance sector, investors, utilities, insurance companies, EPCs, O&M service providers.

Organisation

TÜV Rheinland Energy GmbH
SolarPower Europe (support)

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