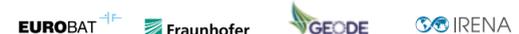


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ROOM 14B

**9:00am–10:30am** **What's Hot in Solar Technology: New Tech Trends to Lower Costs and Improve Solar Product Functionality**  
9:00am Welcome and Introduction  
*Speaker tba*  
9:05am Solar Innovations Tour: What's Hot in PV Wafer to Cells and Modules Today and Tomorrow  
*Speaker tba*  
9:20am More Important Than Most Think: Fixed and Tracking Mounting System Trends for Decreasing Cost & Increasing Yield  
*Christian Salzeder, CSO Projects, Schletter Solar GmbH, Germany*  
9:35am Smart & Super Essential: The Growing Role of Solar Inverters as the Brain of Solar Power Systems & Beyond  
*Dr. Sönke Rogalla, Head of Department Power Electronics and Grid Integration, Fraunhofer Institute for Solar Energy Systems ISE, Germany*  
9:50am Even Greener: How to Improve Sustainability of Solar Products  
*Dr. Bertrand Paviet-Salomon, Group Leader Crystalline Silicon Solar Cells, CSEM Centre Suisse d'Electronique et de Microtechnique SA, Switzerland*  
10:05am Panel: What's Next After Solar Has Become the Lowest Cost Power Generation Technology?

ROOM 14B

**11:00am–12:30pm** **ESIA Forum I: Solar Manufacturing in Europe – Ready for the Solar Renaissance?**  
11:00am Welcome and Introduction  
*Walburga Hemetsberger, CEO, SolarPower Europe, Belgium*  
Keynotes  
*Speaker tba*  
11:25am High Level Panel Discussion With Representatives of the Different Parts of the Supply Chain  
■ *Dr. Tobias Brandis, President WACKER POLYSILICON, Wacker Chemie AG, Germany*  
■ *Erik Løkke-Øvre, CEO, NorSun AS, Norway*  
■ *Göran Bye, CEO, Norwegian Crystals ASA, Norway*  
■ *Dr. Gunther Erfurt, CEO, Meyer Burger, Switzerland*  
■ *Katharina Eickelberg, Senior Vice President Global Communication & Sustainability, SMA Solar Technology AG, Germany*  
■ *Kareen Boutonnat, CEO, EMEA and APAC, Lightsource bp, United Kingdom*  
■ *Pierre-Emmanuel Martin, CEO, Carbon, France*  
Further speakers tba  
12:15pm Conclusions  
*Walburga Hemetsberger, CEO, SolarPower Europe, Belgium*

ROOM 14A

**9:00am–10:30am** **Utility-Scale Solar Power III: Solar Power & Sustainability – From Project Planning to Supply Chain Transparency**  
9:00am Welcome and Introduction  
*Adele Ara, Head of Global Business Operations, Lightsource bp, United Kingdom*  
9:05am Best Practice Guidelines to Enhance Biodiversity and Land Use Efficiency through Solar PV Projects  
*Lina Dubina, Policy Advisor for Sustainability, SolarPower Europe, Belgium*  
9:20am How to Enhance Sustainability of Solar PV Power Projects  
*Delphine Cherel-Sparham, Chief Projects & Engineering Officer Renewables, ENGIE SA, France*  
9:35am Eco-Certified Solar Parks  
*Speaker tba*  
9:50am The Solar Stewardship Initiative – An International PV Industry Effort for Transparent Solar Product Sourcing  
*Özer Ergül, Group Head of Procurement/CPO, Aquila Capital Holding GmbH, The Netherlands*  
10:05am Addressing the Gigantic Potential of Revamping & Repowering of Solar Power Plants  
*Tomaso Charlemont, Product Manager PV Revamping/ Repowering EMEA, BayWa re., France*  
10:20am Fire Chat: How to Make the Most Out of Solar Sites for the Good of the Stakeholders and Our Planet

ROOM 14A

**11:00am–12:30pm** **Advantages of Hybrid PV Power Plants**  
11:00am Welcome and Introduction  
*Jenny Chase, Lead Solar Analyst, BloombergNEF (BNEF), Switzerland*  
11:05am Renewable Hybrid Power Plants – the New Normal!  
*Igor Ljubenkovic, Vertical Development Manager, Siemens AG, Germany*  
11:20am Experiences With Hybrid Solar Projects in Innovation Tenders  
*Felipe Narbona, Team Leader Hybrid Energy and Storage, ABO Wind AG, Germany*  
11:35am Innovative Hybrid Renewable Projects in Spain  
*Rodrigo Álvarez, Business Development Director, Statkraft, Spain*  
11:50am Learning From India's Round-The-Clock Renewables Project Initiative  
*Subrahmanyam Pulipaka, CEO, National Solar Energy Federation of India (NSEFI), India*  
12:05pm Panel Discussion

ROOM 14C

**9:00am–10:30am** **Off-Grid: Innovative Systems**  
9:00am Welcome and Introduction  
■ *Prof. Dipl.-Ing. Peter Adelman, Professor, Technical University of Ulm, Germany*  
■ *Dr. Philipp Blechinger, Head of Unit Off-Grid Systems, Reiner Lemoine Institute, Germany*  
9:05am Making Innovations Work in Off-Grid Power Systems  
*Dr. Muhammad Kabir Salihu, Senior Advisor, Rural Electrification Agency (REA), Nigeria*  
9:20am Second-Life Li-Ion Batteries and Solar Photovoltaics in Isolated Mini Grids in the Brazilian Amazon  
*Prof. Ricardo Rüther, Full Professor, Laboratório de Energia Solar Fotovoltaica Universidade Federal de Santa Catarina, Brazil*  
9:35am Field Experience With Grid-Tie Solar Inverters in Backup Applications  
*David Hanek, Group Lead Product Management PV and Sector Integration Products, Fronius International GmbH, Austria*  
9:50am Phaesun and Its Present Off-Grid System Innovations  
*Tobias Zwirner, Founder and Managing Director, Phaesun GmbH, Germany*  
10:05am Q&A Session  
10:15am Study Solarize Africa  
*Gaëtan Masson, Founder & Managing Director, Becquerel Institute, Belgium*

ROOM 14C

**11:00am–12:30pm** **Innovative Tools for Accelerating Off-Grid Project Development (Case Study Nigeria)**  
11:00am Welcome and Introduction  
*Dr. Philipp Blechinger, Head of Unit Off-Grid Systems, Reiner Lemoine Institute, Germany*  
11:05am Project Development and Tools from a Practitioner's Perspective  
*Ruth Atsegbua-Mohammed, Chief Operations Officer, Creeds Renewable Energy, Nigeria*  
11:20am Energy Service Needs and Electricity Supply of Households and SME in Non-Urban Nigeria  
*Clara Neyrand, Researcher, Reiner Lemoine Institut, Germany*  
11:35am Tools and Processes for Bottom-up Electrification  
*Ifeoma Malo, CEO, Clean Technology Hub, Nigeria*  
11:50am Knowledge Sharing to Accelerate the Energy Transition – The Nigeria Off-Grid Solar Knowledge Hub  
*Maria Yetano Roche, Researcher, Wuppertal Institute for Climate, Environment and Energy, Germany*  
12:05pm Panel Discussion  
12:25pm Closing

ROOM 13B

**9:00am–10:30am** **Artificial Intelligence in Battery Storage: Hype or Real Benefit?**  
9:00am Welcome & Introduction  
*Dr. Alexander Himet, Vice President C&I, sonnen GmbH, Germany*  
9:05am Artificial Intelligence in Battery Storage: Hype Or Real Benefit?  
*Prof. Dr. Holger Hesse, Designated Professor on Smart Energy Systems, University of Applied Sciences Kempten, Germany*  
9:20am What About 2<sup>nd</sup> Life? Where Artificial Intelligence Usually Fails and How to Deal With It  
*Mandy Schipke, CEO, NOVUM engineering GmbH, Germany*  
9:30am AI-Driven BESS Lifecycle Prediction: How Data Supports Safety Reliability and Profitability  
*Marc Mennekes, Customer Success Manager, ACCURE Battery Intelligence GmbH, Germany*  
9:40am GPT-4 Powered Intelligent Agents: Redefining Microgrid Management  
*Boris Cergol, Regional Head of Data, Endava plc, Slovenia*  
9:50am How AI Can De-Risks The Operation and Optimize the Business Case For Grid-Scale Battery Storages – Real World Examples  
*Dr. Stephan Rohr, Co-CEO, TWAICE Technologies GmbH, Germany*  
10:00am Panel Discussion

ROOM 13B

**11:00am–12:30pm** **High Energy Prices Are Hitting the Industry Hard: Battery Storage as an Opportunity to Reduce Electricity Bills**  
11:00am Welcome & Introduction  
*Julian Jansen, Senior Director – Strategy, Market Development and Policy, Fluence Energy, United Kingdom*  
11:05am Pitches by Panelists  
■ *Dr. George Hilton, Research Manager – Clean Energy Technologies, S&P Global Inc., United Kingdom*  
■ *Marian Süße, Head of Department Factory Systems Design and Production Planning, Fraunhofer Institute for Machine Tools and Forming Technology IWU, Germany*  
■ *Dr. Alexander Himet, Vice President C&I, sonnen GmbH, Germany*  
■ *Philip Gladek, CEO, Spectral Enterprise B.V., The Netherlands*  
11:45am Panel Discussion and Q&A

ROOM 5

**9:00am–10:30am** **E-Mobility Leadership Summit**  
9:00am Developing Sustainable E-Mobility Ecosystems  
*Heiko Seitz, eMobility Leader, PricewaterhouseCoopers GmbH WPG, Germany*  
9:20am Panel Discussion: PwC eMobility Leadership Dialogue  
■ *Felix Kuhnert, Partner Automotive & SMART Mobility Leader, PricewaterhouseCoopers GmbH WPG, Germany*  
■ *Prof. Dr. Andreas Herrmann, Professor & Director of the Institute for Mobility, University of St. Gallen, Switzerland*  
■ *Judith Hufnagel, Partner & Managing Director, gravity GmbH, Germany*  
■ *Roberto Russo, Senior Country Manager DACH-Region, Lucid Group Inc., Germany*  
10:10am Vehicle to Grid Expert Interview  
■ *Heiko Seitz, eMobility Leader, PricewaterhouseCoopers GmbH WPG, Germany*  
■ *Robin Berg, Director, We Drive Solar, The Netherlands*

ROOM 5

**11:00am–12:30pm** **Fleet Transformation: How to Electrify?**  
11:00am Welcome & Introduction  
*Zackes Brustik, Moderator, Freelancer, Germany*  
11:05am How Telematics Data Facilitates Fleet Electrification?  
*Mariska Matadin, Manager Business Development EV, Bridgestone Mobility Solutions (BMS), The Netherlands*  
11:20am Leading the Charge With Fleet Electrification  
*Dr. Lorenzo Rambaldi, Head of Innovability, Enel X Way Germany GmbH, Italy*  
11:35am Electrified Distribution Transport: How Easy and Economical Can It Be?  
*Usuf Schermo, Sales Manager DACH, Volta Trucks AB, Germany*  
11:50am Managed Charging – How the Grid Integration of Electric Fleets Can Succeed  
■ *Sebastian Bachmann, E-Mobility Expert/Consultant, hxi GmbH, Germany*  
■ *Hannes Neue, Data Scientist, Stromnetz Hamburg GmbH, Germany*  
12:05pm Power on the Road: Comprehensive Solutions for Truck Charging in the Age of Electromobility  
*Marcus Bücken, Head of Sales eCar Charging Germany, Siemens AG, Germany*  
12:20pm Q&A

ROOM 13A

**9:00am–10:30am** **Distributed Energy Resources & Consumer Empowering**  
9:00am Welcome and Introduction  
*Carmen Gimeno, Secretary General, GEODE, Belgium*  
9:05am Demand-Side Flexibility: Quantification of the Benefits in the EU  
*Michael Villa, Executive Director, smartEn – Smart Energy Europe, Belgium*  
9:15am Future of Balancing Market From a Demand-Side Perspective  
*Miriam Penders, Head of Commercial, Sympower B.V., The Netherlands*  
9:25am Democratizing Solar DG – New Business Models – Local Energy Communities (LEC)  
*Sofia Tavares, B2B Product Marketing Director, EDP Comercial, Portugal*  
9:35am How to Speed up PV and EV Deployment Through Energy Communities – FLEXO Community Manager  
*Gianluca Corbellini, CEO, Hive Power SA, Switzerland*  
9:45am Standardized Grid Tariff API: Data Sharing for Innovation and Electric Vehicles in Norway  
*Anne Nysaether, CEO, Elvia AS, Norway*  
9:55am Panel Discussion

ROOM 13A

**11:00am–12:30pm** **Electrify Now: End-Use Sector Coupling as a Decarbonisation Speedway**  
11:00am Welcome and Introduction  
*Bruce Douglas, Communications and Business Director, Eurelectric, Belgium*  
11:05am Smart Electrification of End-Use Sectors: Innovation Landscape  
*Arina Anisie, Analyst – Renewable Energy Innovation, IRENA – International Renewable Energy Agency, Germany*  
11:15am How Electric Heating Accelerates Sector-Coupling for Decarbonized Europe  
*Benjamin de Boissezon, Project Lead Energy Economics, 50Hertz Transmission GmbH, Germany*  
11:25am How E-Mobility Accelerates Sector Coupling for Decarbonized Europe  
*Sebastian Sahlender, Global Portfolio Manager, Siemens AG, Germany*  
11:35am Q&A With Keynote Speakers  
11:45am Panel With Q&A  
■ *Bertrand Deprez, Vice President EU Government Affairs, Schneider Electric, Belgium*  
■ *Daniele Agostini, Head of Energy and Climate Policies, Enel Spa, Italy*  
■ *Katherine Fog, Senior Vice President, Norsk Hydro ASA, Norway*  
Further speaker tba  
12:20pm Closing by the Moderator



JUNE 14 2023

PROGRAM OVERVIEW

Get Inspired. Together to the Next Level!



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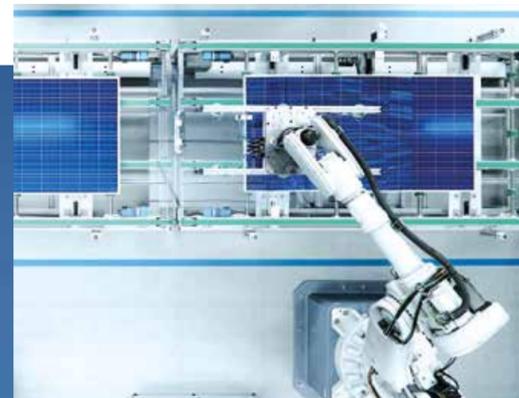
CONFERENCE PROCEEDINGS

All presentations of The smarter E Europe Conferences for which we have obtained the respective permission from the speakers will be made available online. You will receive a link via email within a week after the conference that grants access to the presentations included in your ticket.

ROOM 14B

**2:00pm–3:30pm**  
**ESIA Forum II: Solar Manufacturing in Europe: How to Make It Happen Competitively**

- 2:00pm Welcome and Introduction  
*Speaker tba*
- 2:05pm Keynote  
*Speaker tba*
- 2:20pm Workshop Opening  
*Javier Sanz, Thematic Leader Renewable Energies, EIT InnoEnergy SE, Spain*
- 2:25pm Financing of European PV Manufacturing  
*Dr. Christian Westermeyer, Vice President Customer and Quality Management, Wacker Chemie AG, Germany*
- 2:40pm Demand for European Solar Products  
*Speaker tba*
- 2:55pm Supply Chain Bottlenecks and Solutions  
*Speaker tba*
- 3:10pm Solutions for the Skills Gap  
*Krzysztof Ignaciuk, Advisor, EIT InnoEnergy SE, The Netherlands*
- 3:25pm Workshop Conclusions  
*Speaker tba*



ROOM 14A

**2:00pm–3:30pm**  
**Hybrid PV Power Plants – Strategies of Companies Procuring 100% Renewable Energy at the Time of Use**

- 2:00pm Welcome and Introduction  
*Bruce Douglas, Communications and Business Director, Eurelectric, Belgium*
- 2:05pm Decarbonizing the Grid With 24/7 Clean Power Purchase Agreements  
*Diego Hernandez Diaz, Partner, McKinsey & Company Inc., Switzerland*
- 2:20pm Firm Power Generation – Technologies & Economics of 24/365 Power Supply With Intermittent Renewables  
*Prof. Dr. Wilfried van Sark, Professor, University Utrecht, The Netherlands*
- 2:35pm Why 24/7 Carbon Free Energy Supply is the Next Big Thing For Corporate Power Supply  
*Speaker tba*
- 2:50pm Defining and Building a Market for Hourly Energy Certificate  
*Killian Daly, Executive Director, The EnergyTag Initiative Ltd, United Kingdom*
- 3:05pm Means to Enable Renewables Based Power Supply Around the Clock  
*Speaker tba*
- 3:20pm Q&A



ROOM 14C

**2:00pm–3:30pm**  
**Best Practice: On-Grid Goes Off-Grid with a Focus on Innovative Batteries, New Technologies, And Lighthouse Projects**

- 2:00pm Welcome and Introduction  
*Inès van Oldeneel, Business & Market Development Officer, Alliance for Rural Electrification, Belgium*
- 2:05pm Harnessing the Power of Seasons: the Role of Rechargeable Zn-MnO<sub>2</sub> Batteries in Seasonal Energy Storage  
*Dr. Emanuele Marini, Postdoctoral Researcher, ZSW – Centre for Solar Energy and Hydrogen Research, Germany*
- 2:20pm Sustainable Management of Used Lead Acid and Li-Ion Batteries in Nigeria – Lesson Learned  
*Noara Kebir, Senior Managing Consultant, MicroEnergy Consulting, Germany*
- 2:35pm CEGASA – Preserve Quality and Create Innovation to Ease Transition Towards Sustainable Batteries, Merging Off- And On-Grid  
*Hubert Deubler, Business Development, Cegasa Energía, S.L.U., Spain*
- 2:50pm The Power of Synergy: Bridging Grid Stability With Food Security  
*Mark Kragh, Co-Founder & CTO, Off-Grid Europe GmbH, Germany*
- 3:05pm Title tba  
*Speaker tba*
- 3:20pm Q&A

**4:00pm–5:30pm**  
**On-Grid Goes Off-Grid – Roundtable Discussion**

- 4:00pm Welcome and Introduction  
*Prof. Dipl.-Ing. Peter Adelman, Professor, Technical University of Ulm, Germany*
- 4:05pm Title tba  
*Speaker tba*
- 4:15pm Roundtable Discussion  
  - *David Lecoque, CEO, Alliance for Rural Electrification, Belgium*
  - *David Wedepohl, Managing Director International Affairs, German Solar Industry Association (BSW), Germany*
- Further speakers tba
- Roundtable Discussion
- Off-Grid Workshop Teaser

ROOM 13B

**2:00pm–3:30pm**  
**Financing Utility-Scale Storage: Where is Equity Heading Next, and Where Does Debt Belong?**

- 2:00pm Welcome & Introduction  
*Charles Lesser, Partner, Head of UK, Apricum GmbH, United Kingdom*
- 2:05pm Panel Discussion  
Pitched by Panelists With Q&A  
  - *Lori Quin, Vice President, BlackRock, Inc., Climate Infrastructure, United Kingdom*
  - *Carol Kort, Director Project Finance Renewables, Rabobank, The Netherlands*
  - *Radu Gruescu, Partner, Copenhagen Infrastructure Partners P/S (CIP), Denmark*
  - *Jon Ferris, Head of Flexibility and Storage, LCP Delta, United Kingdom*



ROOM 5

**2:00pm–3:30pm**  
**Data Availability: IOT and Cyber Security**

- 2:00pm Welcome & Introduction  
*Frank Müller, Head of Capital Office, International Affairs and Founding Member, BEM/German Federal Association for eMobility, Germany*
- 2:05pm Data Spaces: Data Infrastructures and Governance Frameworks in Order to Facilitate Data Sharing and Cyber Security  
*Hannes Bauer, CEO, truzt Alliance, Germany*
- 2:20pm Autonomous Control of a DC Microgrid With A Minimum of Data Exchange  
*Jos Warmerdam, Lecturer Researcher, Amsterdam University of Applied Sciences, The Netherlands*
- 2:35pm Data Flows in the Light of the German Charging Point Regulation  
*Cédric Ludwig, Lawyer, Osborne Clarke, Germany*
- 2:50pm The Importance of Cybersecurity in Connected Charging Stations  
*Jozsef Farkas, Partner Energy & Software, P3 digital services GmbH, Germany*
- 3:05pm Q&A



ROOM 13A

**2:00pm–3:30pm**  
**Resources of Speed – Elements of Accelerating the Energy Transition**

- 2:00pm Welcome and Introduction  
*Diederik Peereboom, Secretary General, T&D Europe, Belgium*
- 2:05pm Investing in Data and Smart Grids Solutions to Meet the Challenges of the Energy Transition  
*Nicolas Pigeon, Head of Smart Metering Services Division, Enedis, France*
- 2:20pm A Generational Opportunity – Attracting the Trailblazers, History Makers and Game Changers Needed for the Energy Transition  
*Daniel Dang, Director Business Development, SolarPower Europe, Belgium*
- 2:35pm Implementing the Energy Transition: People Focus  
*Juergen Hupe, Managing Director, Omexom GA Süd GmbH, Germany*
- 2:50pm Navigating Through the Challenges on the Road to Clean Energy: Overcoming Bottlenecks and Instabilities  
*Saskia Baumann, Head of Vertical Sales Experts, Siemens Energy Global GmbH & Co. KG, Germany*
- 3:05pm Panel Discussion  
What's Next?  
*Diederik Peereboom, Secretary General, T&D Europe, Belgium*



CONFERENCE QUICK FACTS

Date	June 13–14, 2023
Hours	9:00am–6:00pm
Venue	ICM – International Congress Center Messe München Am Messesee 2 81829 Munich, Germany

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