

VDE Renewables at Intersolar Europe 2023: Photovoltaic expansion in Europe needs strong and reliable supply chains

- **Intersolar Europe in Munich in the field of photovoltaics the most important fair worldwide for VDE Renewables**
- **Quality assurance and risk minimization of large-scale solar projects – international supply chains are becoming increasingly important**
- **VDE Renewables contributes experience and network from standardization, science, industry as well as testing and certification**

(Frankfurt a. M., 06.06.2023) This year, VDE Renewables will once again be represented at Intersolar Europe from June 14 to 16 with a joint stand with the partners Centroplan, FutureSun and MunichRe. The subsidiary of the VDE Group accompanies large-scale renewable energy projects with quality assurance and risk minimization. In view of the high demand for photovoltaic solutions, VDE Renewables Managing Director Burkhard Holder is advocating that greater attention now be paid to international supply chains: "The overall market is more heated than it has been for a long time. For the energy turnaround, we need an increase in PV systems to 215 gigawatts by 2030 in Germany alone, but since 2000 we have only managed to install 70 gigawatts. The European producers alone cannot do that. We at VDE Renewables therefore support the energy industry in strengthening and smoothing supply chains from the most important production sites to customers around the world."

Inspections and audits also on the upstream supply chain

From VDE Renewables' point of view, it is necessary to check safety, performance and reliability - not only for the individual technical components, but also for the entire system design, installation and operation. Now, this focus has expanded to include the upstream supply chain and neutrally conducted pre-shipment inspections and audits at manufacturer level. These services include, for example, on-site production monitoring and testing, pre-shipment quality checks in an independent laboratory, and pre-shipment packaging monitoring.

One world record after another for solar module performance

Quality assurance for large-scale solar projects continues to be a focus of VDE Renewables' work. Senior Project Manager Ulrike Jahn: "Innovations are developing rapidly. We are currently experiencing one world record after another in solar cell efficiency. But the best high-performance module is of no use to you if you ignore the framework conditions in your project. Then you won't be able to get the most out of your system." Installation location, regional weather conditions and quality of the installed products are decisive criteria for ensuring that the investment in a large-scale photovoltaic system pays off in the end. This is where VDE Renewables contributes its experience and its VDE network from standardization, science, industry as well as testing and certification.

Ulrike Jahn and Burkhard Holder are also represented with two presentations in the Intersolar supporting program:

Utility-Scale Solar Power I: Trends in Development, EPC, O&M, Asset Management

The [session](#) at Intersolar Europe will focus on optimizing the performance of large-scale solar installations: Ulrike Jahn's presentation will be all about the impact of climate and weather conditions on the performance and reliability of photovoltaic projects. Jahn will use her years of expertise from her international network to provide insight into what needs to be considered for which climate zone.

[Event details: Tuesday, June 13, 2023, 14:30 - 16:00, ICM Munich, Room 14A.](#)

How to Obtain Suitable Conditions from Banks and Insurance Companies?

Parallel to the energy trade fair Intersolar Europe, ees Europe traditionally takes place from June 14 to 16 at Messe München. The ees deals with batteries and energy storage systems. Burkhard Holder, since May 1 also Head of Hydrogen of the VDE Group, leads the [session](#) on green hydrogen and what needs to be done to realize and secure investments in hydrogen projects.

[Event details: Thursday, June 15, 2023, 14:00 - 15:30, Hall B2, Booth B2.550](#)

About VDE Renewables

VDE Renewables, a subsidiary of the VDE Group, offers quality assurance services for the global renewable energy sector. Based in Alzenau, Germany, the company's services include quality testing and certification according to the highest safety, reliability, and performance standards, as well as independent engineering and technical due diligence. VDE Renewables

works closely with all structures of the VDE Group and its internationally renowned network, which include the leading research and development bodies such as the Fraunhofer Institutes and insurance firms such as Allianz and Munich Re. Together with its partners, VDE Renewables supports its customers with their specific requirements, such as gaining access to new markets, differentiating themselves from their competitors or enabling them to receive more attractive insurance or financing conditions.

For more information, visit www.vde.com/renewables

About VDE:

VDE, one of the largest technology organizations in Europe, has been regarded as a synonym for innovation and technological progress for more than 130 years. VDE is the only organization in the world that combines science, standardization, testing, certification, and application consulting under one umbrella. The VDE mark has been synonymous with the highest safety standards and consumer protection for more than 100 years.

Our passion is the advancement of technology, the next generation of engineers and technologists, and lifelong learning and career development “on the job”. Within the VDE network more than 2,000 employees at over 60 locations worldwide, more than 100,000 honorary experts, and around 1,500 companies are dedicated to ensuring a future worth living: networked, digital, electrical. Shaping the e-dialistic future.

The VDE (VDE Association for Electrical, Electronic & Information Technologies) is headquartered in Frankfurt am Main. For more information, visit www.vde.com

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