

Discover the future of renewable energies with VDE Renewables at Intersolar Europe 2024

- **VDE Renewables offers risk mitigation strategies and certification services**
- **Ensuring the longevity, efficiency and safety of solar projects**
- **Visit VDE Renewables from June 19 to 21 in Hall A, Booth No. 420**

(Frankfurt a. M., 13.06.2024) Solar energy remains in vogue and the expansion of solar technology is continuing in Germany. In the first quarter of 2024, 200,000 new photovoltaic systems were installed, with a combined net output of 3.34 gigawatts - more than was installed in the same period a year ago. This is according to the latest figures from the Federal Network Agency's market master data register. In this context, the quality assurance and certification of solar projects is becoming increasingly important in order to ensure the longevity and efficiency of the systems.

VDE Renewables is a leading provider of quality assurance, laboratory testing and premium certification services for the renewable energy sector. The goal: to help implement clean energy projects that are safe, bankable, insurable and ready for investment. This is achieved through independent certification, engineering services and consulting. Visitors to Intersolar Europe 2024 in Munich from June 19 to 21 will have the opportunity to find out more about the services offered by VDE Renewables.

Identifying and eliminating weak points

The offering is primarily aimed at optimizing renewable energy projects and increasing their efficiency. Risk mitigation strategies help to identify and eliminate weaknesses in projects in order to minimize component failures, performance problems and safety risks. Services offered include due diligence, energy storage system audits, grid compliance and certification of power generation units.

Quality of PV modules

One focus of VDE Renewables' work is the quality assurance of PV modules from the development phase through to mass production. Various factors are crucial for sustainable product quality: strict module design criteria allow the quality of modules to be better validated. Tests during production guarantee that critical faults are detected at an early stage, which could otherwise impair the safety and performance of the modules. In addition, VDE Renewables experts monitor module quality on a quarterly basis to ensure that the manufacturing process runs consistently and smoothly. Modern test equipment is used in VDE Renewables' accredited test laboratories to obtain precise and reliable measurement data. Comprehensive certification services also ensure compliance with international standards such as IEC and ensure plant safety and grid connection, which can give projects an additional competitive advantage.

[Visit VDE Renewables from June 19 to 21 in hall A, booth no. 420](#) at Intersolar Europe 2024 and learn more about our comprehensive services and how we can make your solar projects efficient and safe.

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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