



# Over 40 years of cutting-edge photovoltaic research

2022 was the year of terawatt solar power. With one TW installed worldwide, there are now ambitious targets to reach the next TW within just three years. European PV research is performing well and production technology is in greater demand than it has been for over a decade. The PV community is proposing innovative, affordable and sustainable solutions for the sector as PV manufacturing experiences a renaissance in Europe. A global platform dedicated to these discussions is the EU PVSEC.



the recently announced first-ever Net-Zero Industry Act. The EU PVSEC felt this spirit when hosting the 8<sup>th</sup> World Conference on Photovoltaic Energy Conversion in 2022, with an increasing number of exhibitors and a sold-out Exhibition Hall.

In 2023, even more companies and organisations from all regions of the world are expected to join and present their products and services at the EU PVSEC, one of the most influential B2B Solar PV exhibitions worldwide.

Photovoltaics is becoming a key pillar of global energy production, but global and widespread deployment of photovoltaics requires cooperation. The EU PVSEC exhibition is the place where new business connections are made and old ones maintained. Many regions are showing great ambition to expand PV production, but only through joint efforts can the global energy crisis be resolved.

If you, too, want to be part of the global PV manufacturing wave, join the EU PVSEC as an exhibitor while enjoying the warm and beautiful city of Lisbon.

#### A deep dive into horizontal PV topics

While the EU PVSEC Conference focuses on the most recent scientific research results that are very detailed and specific to their respective fields, the Parallel Events and Industry Sessions offer a broader approach to the sector. They provide an in-depth look at specific topics around the latest PV technologies, PV applications and market trends and are targeted at global decision-makers from industry, research, finance and politics who do not need to hold specific technical expertise in a particular field.

To bring the industrial side into focus, the annual EU PVSEC Industry Summit will be held, in addition to the Parallel Events. It aims to highlight the importance of the PV industry in the global energy transition and to offer a platform to discuss the latest industry achievements, trends and plans for the PV market. The exchange between stakeholders in the international industry market is indispensable for building efficient and future-oriented manufacturing structures.

Global energy supply is not a concern of only a few people. It affects every single citizen of this world and everyone can make a contribution. There is a high need to adopt measures to re-establish an upstream solar manufacturing value chain in Europe. The Parallel Events and Industry Summit, which offer a holistic approach to topics such as PV recycling, logistics and supply chain, standards, monitoring, forecasts and more, make the event particularly interesting for younger visitors and participants who do not come from the research sector.

The European Photovoltaic Solar Energy Conference and Exhibition (EU PVSEC) is the world's leading forum for PV Research and Development and the largest scientific conference on PV Solar Energy worldwide. It covers a wide range of PV topics such as device materials, components and systems, wafering, BIPV, agrivoltaics, floating PV and much more.

It is also a state-of-the-art PV exhibition, where the specialized PV industry presents technologies, innovations and new concepts in the upstream PV sector.

In 2023, the EU PVSEC will be held in the CCL Lisbon Congress Centre, in Lisbon, Portugal from 18<sup>th</sup> to 22<sup>nd</sup> September.

#### The scientific conference

This year, the EU PVSEC looks forward to a festive occasion. It is the 40<sup>th</sup> jubilee of this event focused explicitly on the global PV solar sector. Divided into five main topics, the conference covers the entire range of PV research, technologies and applications and aims to bring the latest scientific and technological research trends to the market.

The five topics in 2023 are silicon materials and cells; thin films and new concepts; photovoltaic modules and BoS components;

PV systems engineering, integrated/applied PV; and PV in the energy transition.

The conference programme is designed by an international and independent committee consisting of nearly 300 experts from all areas of PV and is coordinated by the European Commission Joint Research Centre. The EU PVSEC has several objectives: it aims to provide a framework for international cooperation and explore global partnerships while supporting skills for PV deployment and fostering research and innovation.

Among renewable energies, photovoltaics is the best combination of competitive energy supply for all countries, integration in the human environment, sustainability for the planet and social acceptance while strengthening energy security.

#### A state-of-the-art exhibition

The EU PVSEC is a landmark in the global PV landscape and has been gathering not only the European PV community but also experts, companies and policymakers from around the world for four decades.

Photovoltaic manufacturing is experiencing a revival in Europe, boosted by the strong support from the European Commission with the European Solar PV Industry Alliance and



**An educational platform for knowledge transfer on PV science**

In the framework of the annual European Photovoltaic Solar Energy Conference and Exhibition, a new educational format was introduced to educate about the fundamentals of different PV technologies and to give graduates and educators the opportunity to refresh and update their knowledge. The PV Academy, which was first introduced in 2022, aims to facilitate newcomers in the field to understand and contribute to PV research as well as follow talks at PV specialist conferences and help to summarize and contextualize the latest developments in PV research.

After the incredible reception and sold-out event in 2022, the format will continue in 2023 and will take place on Sunday, 17<sup>th</sup> September, in Lisbon with three interesting lectures on solar PV.

The former lectures' recordings continue to be available and can be purchased on the PV Academy website as educational material.

**Join the global PV community in Lisbon**

For its 40<sup>th</sup> anniversary, the EU PVSEC is expecting a large number of guests, experts and company representatives from all over the world to come together in Lisbon to

promote the global energy transition. Each year, the event captivates with its international character, which brings together PV professionals from almost 70 countries each year.

We cordially invite you to celebrate our 40<sup>th</sup> anniversary with us and join us in September in Lisbon to connect with fellow PV enthusiasts, discuss the latest trends in Photovoltaic Research and Deployment, and simply meet old and new friends in a sunny and warm environment at the EU PVSEC 2023.

[www.eupvsec.org](http://www.eupvsec.org)

