



EVENT INFORMATION

8th WORLD CONFERENCE ON PHOTOVOLTAIC ENERGY CONVERSION

26 – 30 SEPTEMBER 2022
MILANO CONVENTION CENTRE · MILAN · ITALY

EU PVSEC | PVSEC | IEEE PVSC
European Photovoltaic Solar Energy Conference and Exhibition |
International PV Science and Engineering Conference |
Photovoltaic Specialists Conference



WCPEC-8 is hosted
by EU PVSEC



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The WCPEC is the **world's biggest platform for PV research and development**, offering a unique possibility of international exchange by combining the three largest and most prominent international PV conferences: the **European PV Solar Energy Conference (EU PVSEC)**, the **Photovoltaic Specialists Conference (IEEE PVSC)** and the **International PV Science and Engineering Conference (PVSEC)**.

In 2022, Europe has the honour to host the **8th World Conference on Photovoltaic Energy Conversion**, interchanging the prestigious EU PVSEC for this year, that is being held annually for more than 40 years.

After being in place for more than a quarter of a century, the WCPEC, being held every four years, is firmly established among the global PV community as **THE event for the greatest minds and experts in various PV sectors** to meet and discuss, to exchange and network!



EU PVSEC | PVSEC | IEEE PVSC
European Photovoltaic Solar Energy Conference and Exhibition
International PV Science and Engineering Conference
Photovoltaic Specialists Conference

The WCPEC committee, led by

Conference General Chair
Dr. Alessandra Scognamiglio,

senior researcher with many years of experience in the use of photovoltaics and buildings, and coordinator of the task force “Sustainable Agrivoltaics” at ENEA, invites you to join the international event in the beautiful city of Milan.





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WHAT TO EXPECT

Solar PV is well on its way of becoming the “**king of renewables**”, with ambitious targets for the coming years. But due to the Covid19 crisis and other factors, these targets face major challenges.

While encountering a dramatic shortage of modules in the EU and worldwide, global transportation costs have exploded and big producers like China have changed their policies, resulting in significant production restrictions and surging costs.

The challenge now is to find solutions at a global level in order to meet the climate targets stipulated in the Paris Agreement and step into a new era of a global and united energy transition.

WCPEC offers a unique opportunity to do this by bringing together global research, industry and policy players at this international event.

Be part of the **World's biggest Conference on Photovoltaic Energy Conversion** and look forward to:



Scientific
Conference
Sessions



Parallel Events



PV Industry
Exhibition



Social Events



Industry
Presentations



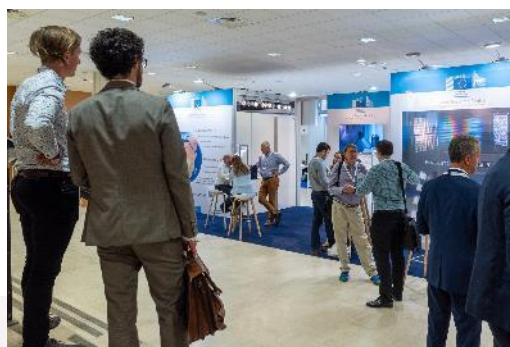
Public Policy
Discussions



Networking
opportunities



Prizes & Awards





PROGRAMME

CONFERENCE

The conference programme is coordinated by the **European Commission Joint Research Centre** and covers the entire range of **PV research, technologies and applications** focusing on bringing the **latest scientific and technological research** trends to the market. It also offers a variety of broader insights into the current developments in the sector, acknowledging that PV integration needs to be approached from all dimensions – scientific, technical, economic, political, business, and also social- and educational aspects.

Topic 1	Silicon Materials and Cells
Topic 2	Evolving and Emerging Technologies: Tandems; Thin Film absorbers; III-V; New Materials and Concepts; Advanced Modelling
Topic 3	Photovoltaic Modules and BoS Components
Topic 4	PV Systems Engineering, Integrated/Applied PV
Topic 5	Energy Transition – Integration, Storage, Sustainability, Policy, Economics, Energy Poverty, Society

EXHIBITION

Experts from small and big innovative companies, manufacturing enterprises and research centres gather together at this top-level Business to Business exposition, to find ways of collaborating and implementing the latest research findings on the global PV market.

The exhibition stands are a **must-visit for companies working in R&D**, that depend on jumping on the wave of new trends as they are discovered.

In addition to the exhibition, the **Industry Summit** highlights the role of the PV industry in the global energy transition with **dedicated industry presentations and panel discussions on market-related topics**

PARALLEL EVENTS

Parallel Events are the perfect complement to the conference programme and will offer sessions providing a deep insight into specific topics along the most recent PV technology, PV applications and Markets Trends and address to global experts from industry, research, finance and politics.

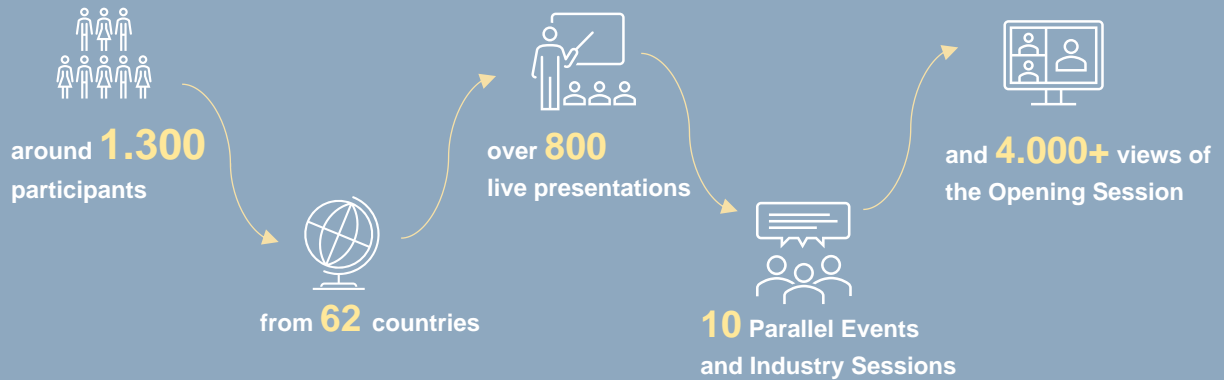


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IMPRESSIONS FROM 2021

THE ONLINE EVENT IN 2021 ACCOMMODATED



JOIN US

We are more than delighted to welcome you again in person after this long period of online events, to exchange, discuss and learn in this global setting and invite you to join us for the **8th World Conference on Photovoltaic Energy Conversion** from 26 – 30 September 2022 in the beautiful city of Milan.

INSTITUTIONAL SUPPORT



With the support of UNESCO's Natural Sciences Sector



World Council for Renewable Energy

SUPPORTING ORGANISATIONS



European Space Agency

EREF
European Renewable Energies Federation



REN21
Renewable Energy Policy Network for the 21st Century



IEA PVPS



The Association of European Renewable Energy Research Centres

Alliance for Rural Electrification
Shining a Light for Progress



COORDINATION OF THE TECHNICAL PROGRAMME



JOINT RESEARCH CENTRE

The European Commission's in-house science service

INSTITUTIONAL PV INDUSTRY COOPERATION



GLOBAL SOLAR BUSINESS & TECHNOLOGY ASSOCIATION

SUPPORTING ASSOCIATIONS



CONFEDERATION OF AFRICAN BUSINESS ASSOCIATIONS



African Renewable Energy Alliance