

SOLAR+ 2021

TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES

23-24 JUNE 2021
PIACENZA EXPO

Photovoltaic modules

Photovoltaic plants

Management and distribution

Technologies,
equipment and services

EPC contracting

O&M services

Financial aspects

Digital energy

Smart grids

Training - R&D

**EXHIBITION&CONFERENCE DEDICATED TO THE INDUSTRIAL SUPPLY
CHAIN FOR THE PRODUCTION OF SOLAR ENERGY**

PART OF

zeroEmission
TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES **2021**

IN CONJUNCTION WITH

EV ELECTRIC
VEHICLES
WORLD 2021
TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES

INVERTER
WORLD 2021
TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES

BATTERY
WORLD 2021
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H₂ HYDROGEN
&
FUEL CELLS
2021
TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES

WWW.ZEROEMISSION.SHOW

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PHOTOVOLTAIC MODULES AND PLANTS, TECHNOLOGIES, EQUIPMENT AND SERVICES FOR THE PRODUCTION OF SOLAR ENERGY: THE NETWORKING BUSINESS EVENT

Part of **ZEROEMISSION 2021**, **SOLAR+ 2021** is the trade show dedicated to photovoltaic modules, technology and plants, as well as equipment, services, management and distribution of electricity coming from the sun.

SOLAR+ 2021 will represent the entire industrial chain of the sector, and will present the most advanced technologies and services for photovoltaic production, plants and storage, management and distribution of electricity coming from the sun. After the decline in the 2012-2016 period, the sector is seeing a comeback in Italy too, thanks, on the one hand, to the decrease in prices and, therefore savings in the construction of plants, on the other, the need to adapt to European Directives and the increasingly marked sensitivity of the public to the problem of climate change.

Solar photovoltaics is therefore the real response to the needs for efficient and sustainable energy. One of the most modern systems of energy production from **renewable sources**, it is the fastest growing industrial sector in the world. Solar photovoltaics and **storage** are more and more at the centre of the development of a society that will be powered in a clean and sustainable way.

In fact, all our civilization will soon be powered mostly by electricity coming from the sun (and wind), its management and distribution and **integration** with **electric storage systems**, up to the protection of **existing grids** to the continuous creation of new **smart grids**, to **smart homes and buildings**, destined to become ever more 'electric', performing and efficient, right up to **electrical mobility**. **PV modules, electricity storage, plants, technologies, and services for the production, management, storage and distribution of solar energy** will therefore be the specific topics that will be discussed in depth during **SOLAR+ 2021**, thanks to the leading industries and specialists present. The event will be a unique opportunity of business, social networking and professional updating for all protagonists of the sector. In fact, alongside the exhibition area where leading Italian and international companies will be exhibiting, **SOLAR+ 2021** will also include a series of conferences with, after the plenary session, numerous meetings regarding the specific topics of the event, along with a number of workshops where companies will be presenting their products and services.

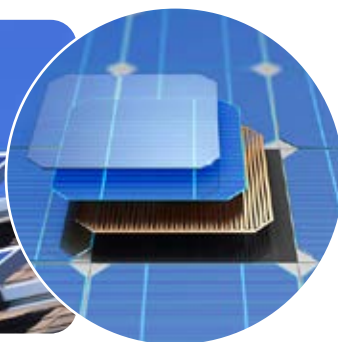
SOLAR + 2021 will involve the main stakeholders operating in the specific field and will represent - with an innovative and specific vision - the topics, contents and excellences of a leading market both at national and international level. All suppliers of the sector will be able to meet and discuss with their clients, potential buyers and suppliers in a single specifically dedicated business event with specific meetings, thanks to an effective high-tech formula, guaranteeing important returns on investment.

THE PROTAGONISTS

A clear and valuable project: the meeting/comparison between 'in-the-field' operators, that is the world of manufacturers of photovoltaic modules and systems, equipment and components, electric storage systems, industry suppliers, installers, EPC contractors, distributors and retailers, engineering, design and planning offices, electricians, utilities, purchasing groups, O&Ms, TSOs and DSOs, suppliers of electronic and spare parts, importers, investors and all those who work in the industry.

Associations and primary political and economic institutions will also be among the protagonists of the event.

Operators will be able to compete at all levels within a B2B event built solely on their needs.



A MODERN TRADE FAIR CENTRE

Another important element is the choice of the location: Piacenza Expo offers unique logistics, services and flexibility in Italy for B2B users, and is particularly suitable and practically accessible both in terms of road network and hospitality. All this while concentrating on rationality and the right return on investment.



PIACENZA EXPO - CENTRAL, EASY AND FAST ACCESS

Piacenza Expo - Località le Mose, Via Tirotti, 11, 29122 Piacenza (PC) - Italy



THE EVENT

zeroEmission
TECHNOLOGIES • PLANTS • PRODUCTS • SERVICES 2021

With its 5 theme shows, **ZEROEMISSION 2021** is the event dedicated to technologies for all companies and professionals operating in the sector of **electricity production from the sun, electrical storage, energy management and distribution, the battery and storage systems industry, electric grids and smart grids, electric vehicles and infrastructure for electric mobility.**



TRAINING CREDITS

One of the main attractions of **SOLAR+ 2021** is the prestigious programme of conferences and seminars.

SOLAR+ 2021 will also share some conference topics in synergy with the other 4 Shows of the event.

Training and information are, as well all know, highly qualifying, especially in a period of important changes like now.

The workshops are accredited for the purposes of **CFP recognition for industrial, chemical and engineering experts.**

Thanks to agreements with sponsors, **SOLAR+ 2021** will offer **certificates of participation** with training credits that will have value for the maintaining of the main certifications.



PROFESSIONAL VISITORS:

- ✓ Installers of photovoltaic plants
- ✓ EPC contractors, O&M operators, engineering companies
- ✓ Installers of civil, commercial and industrial electrical plants
- ✓ Designers of the sector
- ✓ Distributors and retailers
- ✓ Service partners and assistance centres
- ✓ Manufacturers and suppliers of the sector
- ✓ Energy managers
- ✓ Utilities, ESCos
- ✓ TSO and DSOs, Transmission and Distribution System Operators
- ✓ Buying groups, energy communities
- ✓ Energy management, monitoring and control companies
- ✓ EMS Services – Electronic Manufacturing Services
- ✓ CEM Services – Contract Electronics Manufacturers
- ✓ PCB Services – Printed Circuit Board Services
- ✓ Suppliers of electronic components and parts
- ✓ Agents and representatives
- ✓ Investors, banks and finance companies
- ✓ Energy trading and marketing
- ✓ Rental and leasing companies
- ✓ Universities and R&D
- ✓ Training and courses
- ✓ Service and consultancy companies
- ✓ Associations, Institutions and Authorities
- ✓ Media and press of the sector

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NB: The workshops are accredited for the purposes of CFP recognition for INDUSTRIAL, CHEMICAL and ENGINEERING EXPERTS.

PRODUCT SECTORS

- ✓ Accessories and equipment
- ✓ Anchoring and fixing systems for photovoltaic modules
- ✓ Anti-theft services for pv modules
- ✓ Associations, institutions and authorities
- ✓ Backsheets for photovoltaic modules
- ✓ Batteries and storage systems
- ✓ Biaxial solar trackers
- ✓ BT interface protection services
- ✓ Cables/connectors/junction boxes for pv systems
- ✓ Cabling and connections
- ✓ Calibration
- ✓ CEM – Contract Electronics Manufacturers
- ✓ Certification services
- ✓ CIS/CIGS thin film photovoltaic modules
- ✓ Communication devices
- ✓ Concentrated photovoltaic systems
- ✓ Consultancy
- ✓ Consumables
- ✓ Control electronics
- ✓ Electrical substations/switchboards/transformers for pv power stations
- ✓ Electronic and spare parts
- ✓ Electronic modules and components
- ✓ EMS – Electronic Manufacturing Services
- ✓ End-of-life disposal services and recycling of pv plants
- ✓ EPC asset management
- ✓ EPC contracting for large pv plants
- ✓ Fall-arrest safety systems/life lines for roof-top pv systems
- ✓ Glass sheets for the manufacture of photovoltaic modules
- ✓ Insurance and financial services
- ✓ Integrated power optimizers in junction boxes
- ✓ Interface protection
- ✓ Junction boxes
- ✓ Large, utility-scale photovoltaic systems at ground level
- ✓ Large, utility-scale photovoltaic systems on industrial roofs
- ✓ Machinery and accessories to clean solar park modules
- ✓ Machinery, equipment and components for the manufacture of photovoltaic cells, wafers and parts
- ✓ Management and maintenance services
- ✓ Media and press of the sector
- ✓ Metrology, energy meters
- ✓ Monocrystalline silicon photovoltaic cells
- ✓ Monocrystalline silicon photovoltaic cells
- ✓ Monocrystalline silicon thin-film photovoltaic modules
- ✓ Monocrystalline/polycrystalline silicon ingots
- ✓ Monocrystalline/polycrystalline silicon wafers
- ✓ OEM contracting for large pv plants
- ✓ Organic photovoltaic cells
- ✓ PCB - Printed circuit board manufacturers
- ✓ Performance display for public pv systems
- ✓ Perimeter protection and security systems
- ✓ Photovoltaic cells, other materials
- ✓ Photovoltaic shelters/canopies
- ✓ Photovoltaic solar roof tiles
- ✓ Photovoltaic systems not connected to the grid
- ✓ Photovoltaic thermal photovoltaic hybrid modules
- ✓ Planning and design of cells and modules, etc.
- ✓ Plant monitoring and data loggers
- ✓ Polycrystalline silicon photovoltaic cells
- ✓ Polycrystalline silicon photovoltaic cells
- ✓ Power optimizers for pv modules
- ✓ Pv plant testing instrumentation
- ✓ Remote control systems for pv plants
- ✓ Rental and leasing
- ✓ Repowering and revamping services
- ✓ Semiconductors, microchips, silicon carbide wafers
- ✓ Semiconductors, microchips, wafers
- ✓ Sensors
- ✓ Single-axis solar trackers
- ✓ Software, firmware, IoT and remote control
- ✓ Solar tracker components
- ✓ Support systems/accessories for fast installation of roof-top pv modules
- ✓ Surveillance systems
- ✓ Switchboards
- ✓ Switch-off/protection services for pv power surges and lightning
- ✓ Systems for fast installation of pv modules in solar parks
- ✓ Testing and compliance verification services
- ✓ Testing, test equipment, laboratories
- ✓ Thermography, aerial thermography
- ✓ Thin film amorphous silicon photovoltaic modules
- ✓ Thin-film multi-junction photovoltaic modules
- ✓ Training
- ✓ Turnkey, small-sized, grid-connected photovoltaic plants