

Ficha Técnica GENERA 2022

Trade Fair:	International Energy and Environment Fair
Dates of the event:	14 to 16 June 2022
Location:	Pavilion 10 – Recinto Ferial IFEMA de MADRID
Opening hours:	From 10:00 a.m. to 7:00 p.m.
Frequency:	Annual
Nature:	Professional
Edition:	25th
Total number of participating companies:	256
International participation:	59
Side Activities:	Technical Conferences Innovation Gallery OTHER
Visitor Profile:	Professionals in consultancy, engineering, construction, commerce - Industrial energy users - Equipment manufacturers and distributors - Installers and maintenance companies - Energy project promoters - Universities and research centres - Property developers and prescribers - Public administrations and in general, all professionals related to the world of energy and environmental efficiency
Organised by:	IFEMA MADRID
Promoted by:	IDAE , <i>Instituto para la Diversificación y Ahorro de la Energía</i> (Institute for Diversification and Saving). Ministry for Ecological Transition and Demographic Challenge

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Collaborating:	<p>A3e, <i>Asociación de Empresas de Eficiencia Energética</i> (Association of Energy Efficiency Companies)</p> <p>ACOGEN, <i>Asociación Española de Cogeneración</i> (Spanish Cogeneration Association)</p> <p>ADHAC, <i>Asociación de Empresas de Redes de Calor y Frío</i> (Association of Heating and Cooling Network Companies)</p> <p>AEE, <i>Asociación Empresarial Eólica</i> (Wind Energy Business Association)</p> <p>AEH2, <i>Asociación Española del Hidrógeno</i> (Spanish Hydrogen Association)</p> <p>AMI, <i>Asociación de Empresas de Mantenimiento Integral y Servicios Energéticos</i> (Association of Integral Maintenance and Energy Services Companies)</p> <p>ANESE, <i>Asociación de Empresas de Servicios Energéticos</i> (Association of Energy Service Companies)</p> <p>AOP, <i>Asociación Española de Operadores de Productos Petrolíferos</i> (Spanish Association of Oil Product Operators)</p> <p>APPA, <i>Asociación de Empresas de Energías Renovables</i> (Association of Renewable Energy Companies)</p> <p>ASIT, <i>Asociación Solar de la Industria Térmica</i> (Solar Thermal Industry Association)</p> <p>ATECYR, <i>Asociación Técnica Española de Climatización y Refrigeración</i> (Spanish Technical Association for Air Conditioning and Refrigeration)</p> <p>CIEMAT, <i>Centro de Investigaciones Energéticas Medioambientales y Tecnológicas</i> (Centre for Energy, Environmental, Environmental and Technological Research); Ministry of Science and Innovation</p> <p>COGEN ESPAÑA, <i>Asociación Española para la promoción de la Cogeneración</i> (Spanish Association for the Promotion of Cogeneration)</p> <p>CENER, <i>Centro Nacional de Energías Renovables</i> (National Renewable Energy Centre)</p> <p>NATIONAL ENERGY COMMISSION</p> <p>SPANISH CLIMATE CHANGE OFFICE - Ministry for Ecological Transition and Demographic Challenge</p> <p>UNEF, <i>Unión Española Fotovoltaica</i> (Spanish Photovoltaic Association)</p>
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GENERA 2022 brings together the international renewable energy industry with 256 exhibiting companies from 19 countries

From 14 to 16 June 2022, at the Recinto Ferial IFEMA de MADRID

The International Energy and Environment Trade Fair, GENERA 2022, will once again bring together the renewable energy industry in person in Pavilion 10 of the IFEMA MADRID Exhibition Centre. A total of 256 companies, including 59 foreign companies from 19 countries (Germany, Austria, Belgium, Canada, Czech Republic, Chile, China, Spain, United States, France, Italy, Lithuania, Luxembourg, Netherlands, Portugal, United Kingdom, Sweden, Switzerland and Turkey), proof of the Exhibition's international dimension, will be present at the leading trade fair for this sector in southern Europe. The event once again enjoys the support of the Ministry for Ecological Transition and the Demographic Challenge, through the Institute for Energy Diversification and Saving (IDAE). GENERA celebrates its 25th event, coinciding with the fourth ENVIRONMENT AND SUSTAINABILITY FORUM, FSMS, which includes the 21st International Urban Planning and Environment Trade Fair, TECMA, the International Recovery and Recycling Trade Fair, SRR, and the fifth MADRID CITIES FORUM, sharing synergies with this event. IFEMA MADRID's new initiative, the GLOBAL MOBILITY CALL Congress, will also be held on the same dates.

The Exhibition has the support of the main agents of the sector, represented in its Organising Committee: the Association of Energy Efficiency Companies, A3e; the Spanish Cogeneration Association, ACOGEN; the Association of Heating and Cooling Networks Companies, ADHAC; the Spanish Wind Energy Association, AEE; the Spanish Hydrogen Association, AEH2; the Association of Integral Maintenance and Energy Services Companies, AMI; the Association of Energy Services Companies, ANESE; the Spanish Association of Oil Product Operators, AOP; the Association of Renewable Energy Companies, APPA; the Solar Thermal Industry Association, ASIT; the Spanish Technical Association of Air Conditioning and Refrigeration, ATECYR; the Spanish Association for the Promotion of Cogeneration, COGEN ESPAÑA; the Spanish Climate Change Office (Ministry for Ecological Transition and Demographic Challenge), the Association of Electrical Energy Distributors, CIDE; the Association of Agents and Electrical and Energy Services Companies, ENTRA, and the Spanish Photovoltaic Union, UNEF.

With the backing of these associations, GENERA 2022 will help drive the transition to cleaner and more efficient energy, dedicating efforts to accelerate the

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incorporation of renewable energies into the electricity system and thus decarbonise the economy.

With the help of the leading companies in this industry, GENERA 2022 will showcase the R&D efforts of a leading sector, through the most innovative solutions in the following sectors: Solar Photovoltaic; Energy Saving and Efficiency; Wind; Energy Services; Solar Thermal; Solar Thermoelectric; Biomass; Mobility, Hydraulic and Mini-Hydraulic; Geothermal Energy; Cogeneration, Trigenation and Microgeneration, and Hydrogen and Fuel Cell; as well as new sources of clean energies.

The best example of this effort are the projects displayed in the Innovation Gallery, now in its tenth year, which showcases the most innovative solutions presented at the Trade Fair and previously selected by a specialised Panel.

GENERA's offer is aimed at a broad group of professionals in consultancy, engineering, construction, commerce; Industrial energy users; Equipment manufacturers and distributors; Installers and maintenance companies; Energy project promoters; Universities and research centres; Prescribers and real estate developers; Public administrations and, in general, all professionals related to the world of energy efficiency and renewable energies in the commitment to climate neutrality.

On this occasion, the solar sector will once again play a special role, through GENERA SOLAR, a specific exhibition area with spaces for conferences and activities devoted to this sector, which is leading the process of decarbonisation in our country.

Space for analysis and reflection

On the other hand, in addition to the commercial exhibition, GENERA 2022 will include a full programme of technical conferences and round tables, which will focus on the active incorporation of new actors (systemic approach to tackle climate change and decarbonisation); local energy communities (efficiency, sustainability); the rural environment (economic and social development); new developments in regulations applied to the sector; the importance of energy saving and efficiency; the need to communicate better (social communication and energy), and the country's leadership in the field of renewable energies, talent in the sector, quality in processes and progress in technologies.

On 14 June, FENIE, the Spanish National Federation of Installation Businesses, and the International Trade Fair for Electrical and Electronic Industry Solutions, MATELEC, are organising a session

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focusing on "The importance of the installation company in the sustainability of buildings", with the participation of companies and organisations representing the sector. Both entities are promoting this conference as a common thread between the GENERA trade fairs and MATELEC itself, which will be held from 15 to 18 November 2022, thus highlighting installation companies and installations as the main agents in the refurbishment of buildings.

On 14 and 15 June, GENERA will host a meeting organised by ANESE, the (Spanish) National Association of Energy Services Companies, and AMI, the Association of Integral Maintenance and Energy Services Companies, on "The new European model of energy performance contract. The importance of EPCs for decarbonisation". In this conference, experts and members of the working groups responsible for the development of these standards will present the new regulatory developments related to the standardisation of energy services at both local and European level.

Also, on 14 and 15 June 2022, sessions will be held by the Spanish Wind Energy Association, AEE, on the opportunities for Spain with new offshore wind projects off our coasts; another on the applications of distributed wind - this one in collaboration with REOLTEC, the technology platform for the wind energy sector - and a third to present the latest proposals from the renewable energy sector in terms of CSR and communication actions.

On the 15th and 16th, the conference of the Institute for Energy Diversification and Saving, IDAE, will be held. In addition to discussing the energy transition, the Global Status Report 2022, or 'Report on the Global Status of Renewable Energy 2022', produced by REN21, and the next International Conference on Renewable Energy (SPIREC), which will take place at the facilities of the *Institución Ferial Madrileña* (Madrid Trade Fair Institution), from 21 to 23 February 2023, within the framework of GENERA, will also be presented.

As for the Solar Thermal Industry Association (ASIT), which expects great growth for the solar thermal energy sector in the coming year, it will take advantage of the occasion to convene its Assembly on 15 June. At the meeting, the new developments in the sector, existing aid and the Guides on Solar Thermal in industrial processes and Rehabilitation of Solar Thermal Installations that are being developed will be presented.

On the same day - 15th June - the Energy, Environmental and Technological Research Centre, CIEMAT, together with the Spanish Association for the Promotion of the Solar Thermal Industry, PROTERMOSOLAR, and the Concentrated Solar Power Technology Platform, SOLARCONCENTRA, are organising the conference "Solar Thermal Power Plants and

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the decarbonisation of the Spanish electricity sector". The benefits that solar thermal power plants bring to the electricity system with their manageability, through the storage of thermal energy, are increasingly evident, but in the opinion of the organisers, they still do not receive due recognition in the decisions taken at the management and planning level of the Spanish electricity system.

The Association of Energy Efficiency Companies, A3E, is organising a conference on "Integration of Renewable Energies in Energy Efficiency Projects" on 15 June. Different aspects will be discussed such as consumption (demand), management and/or use of surpluses for storage, electric vehicle recharging, etc. before and after implementing photovoltaic self-consumption.

The Energy, Environmental and Technological Research Centre, CIEMAT, together with the Spanish Association for the Promotion of the Solar Thermal Industry, PROTERMOSOLAR and the Concentrated Solar Power Technology Platform, SOLARCONCENTRA, are organising the conference "Solar Thermal Power Plants and the decarbonisation of the Spanish electricity sector".

The GENERA 2022 Conference programme will be completed with events organised by entities such as CENER, AEPIBAL, CDTI and SECARTYS.

The International Energy and Environment Trade Fair, GENERA 2022, will be completed with the LIVE CONNECT platform, which allows the sector to be interconnected 365 days a year.

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