



## POWEREXPO+ 2008: COUNTDOWN TO THE SUSTAINABLE AND EFFICIENT ENERGY SECTOR'S BIG EVENT

From 24 to 26 September 2008, the Saragossa Expo Centre will host the 6<sup>th</sup> edition of the International Sustainable and Efficient Energy Exhibition, PowerEXPO+. This event is undoubtedly one of the most important for the energy sector, both within Spain and internationally.

PowerEXPO 2008 is being held jointly with EcoBuilding and ExpoRecicla, two new trade fairs that in the last week of September will turn the Saragossa Expo Centre into the focal point for professionals and companies that work for sustainability and efficiency in the fields of energy, building construction, and waste management and waste-to-value systems.

There is now less than a year to go to the 6<sup>th</sup> PowerEXPO, International Sustainable and Efficient Energy Exhibition at the Saragossa Expo Centre. This year, the well-established and prestigious event has added a "plus" to its name, and is now called PowerEXPO+. The "plus" has been added for several key reasons. At this point, with 75% of the exhibit space already reserved, and intense organizational and promotional activities underway, so it is already clear that PowerEXPO 2008 will have more exhibitors and more professional visitors than previous years. The exhibitors will provide a greater concentration of technical innovations, and both exhibitors and visitors will benefit from the event's ever-increasing international exposure. The organizers are also actively working to give the Exhibition a high degree of specialization by dividing it into sectors. All of these aspects will effectively increase the business opportunities for all of the participants.

Two new events will be held simultaneously with this anxiously awaited exhibition: EcoBuilding (International Trade Fair and Conference for BioClimatic Architecture, Sustainable Construction, and Energy Efficiency in Building Construction) and ExpoRecicla (International Exhibition for Industrial Recycling and Waste Recovery, Waste Management, and Waste-to-Value Systems). Both will provide a valuable complement to visitors, since there are many areas that overlap, with sustainability as the common denominator.

PowerEXPO's last edition was a resounding success, covering a total of 22,000 m<sup>2</sup> of exhibit space in three pavilions. During the event, some of the most interesting developments (solar trackers, large cranes for installing wind generators) were presented in a specially conditioned outdoor space. In total, 10,506 professionals visited the installations, 44.3% more than 2004. The number of exhibitors increased to 458, 118% more than the preceding edition. The exhibition's undeniable international character was demonstrated by the participation of foreign exhibitors, as well as by the growing number of visitors from abroad, who came from 26 different countries.

### **Strong support for the sector**

PowerEXPO+ has sparked the interest of the sector once again. On 23 October, the Organizational Committee was formed and activities for the 2008 edition began. The members of the committee represent the most prestigious associations, institutions, and companies in the energy sector.

From the institutional point of view, PowerEXPO, once again, will enjoy the support of the Government of Aragon through the Board of Industry, Trade, and Tourism, and the Directorate-General for Energy. The Ministry of Industry, Trade, and Tourism will again be represented through the IDAE in this 6<sup>th</sup> edition. And it goes without saying that since PowerEXPO is an especially important event for the wind sector, the Wind Power Business Association, AEE, will also support the event. Other key associations and organizations will also be present, including APPA, ASIT, ASIF, PROTERMOSOLAR, CIRCE, ACOGEN, and COGEN Spain. The support for the presence of foreign companies and the internationalization of our companies abroad will be provided by the ICEX and its inverse missions.

The Organizational Committee will also include representatives from the main companies that operate internationally. Their collaboration demonstrates the growing importance of this exhibition as an essential meeting for the entire sustainable and efficient energy sector. Without a doubt, in September 2008, PowerEXPO+ will bring together the largest number of professionals tied to the energy world, making it the most enriching experience of the year for the sector.

## **PowerEXPO, energy showcase**

This year's edition is more comprehensive and structured, and will revolve around five basic sectors: PowerEXPO Wind (wind power); PowerEXPO Solar (solar heat, photovoltaic, and high-temperature solar power); PowerEXPO Cogen (High-efficiency co-generation); PowerEXPO Bioenergy (Biomass and Biofuels) and finally, a special section focusing on hydrogen technologies.



This last area, coinciding with the National Hydrogen Conference, promises to make PowerEXPO 2008 an important step in the industrial and commercial launching of the significant advances that are being achieved in regard to this "energy vector" that is so closely tied to the future (and in some cases, the present as well) of sustainable and efficient energy.

### **The leading players: wind and solar power**

From the very start, PowerEXPO has been a point of reference for the wind-power industry. This has pushed it towards the international markets, in terms both development and projection. This edition will cover several new and important points. These will include, among others, repowering (modernization of obsolete wind farms) and ocean-based wind power.

PowerEXPO has also always promoted solar power, and every edition has given new strength to its international projection in all of its different forms – thermal, in great demand because it is required in construction; photovoltaic, whose integration in buildings will generate significant achievements, and finally, thermo-solar or high-temperature solar, with the capability to generate large amounts of power, and which is the undisputed business and technological leader in Spain.

### **High-efficiency cogeneration and Bioenergy**

Lastly, it appears that things have improved for this type of efficient and distributed generation. Currently, after the implementation of the Royal Decree in May 2007, both technological companies (represented by Cogen España) and plant developers (associated in ACOGEN) were "reasonably optimistic" in regard to the sector's present and future situation. This new regulation will help promote cogeneration in Spain and will mainly benefit those who use alternative fuels as a primary energy source.

At PowerEXPO+, the new advances in terms of the main bioenergy applications will also be presented: biomass and biofuels.

## Other energy sources

PowerEXPO+ will also include geothermal energy and its application in building construction, ocean energy, which is generated by the force of the waves, currents, and tides, and finally, hydrogen. As mentioned earlier, the important developments sponsored by the Foundation for the Development of New Hydrogen Technologies in Aragon, the organization of the 2<sup>nd</sup> National Hydrogen Convention, and an important agreement between the Foundation and the Saragossa Expo Centre to provide the participation of the main companies related to this activity as exhibitors, now make it possible to make PowerEXPO+ 2008, in this and the other fields, the most important technological, industrial, and commercial event for everyone whose business is in some way connected with the production and use of energy, applying the criteria of sustainability and efficiency.

### APPENDIX: PowerEXPO+ Organizational Committee

#### INSTITUTIONS/ASSOCIATIONS

- Government of Aragon:
  - Arturo Aliaga, Board of Industry, Trade, and Tourism
  - Pilar Molinero, Director-General of Energy
- IDAE. Enrique Jiménez Larrea, General Manager
- APPA. José María González Vélez, President
- ASIF. Javier Anta, President
- ASIT. Juan Fernández, President
- PROTERMOSOLAR. Valeriano Ruiz, President
- Wind-Power Business Association. Juan Carlos Martínez Amago, President
- Spanish Hydrogen Association. Antonio González, President
- CIRCE. Antonio Valero, Director
- ACOGEN, Andrés Seco, General Manager
- COGEN España, José María Roqueta, President
- ICEX. Fernando Nicolás, Head of the Technical and Projects Department

#### COMPANIES

- Abengoa Solar
- Acciona Energía
- Endesa Cogeneración y Renovables
- ENEL Unión Fenosa Renovables
- NEO Energía
- Red Eléctrica de España

#### ORGANIZERS

- Saragossa Expo Centre
- InfoPower

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