



Do you want to speak at the 3rd Spanish Wind Energy Congress?

The **3rd Spanish Wind Power Congress** is based on a programme of high-level policy and technical conferences that will bring together a number of leading national and international energy industry representatives, as well as politicians and other institutions and will offer opportunities to build professional relationships and for business development.

The programme will be divided into two parts: a policy one in which high-level guests will delve into issues such as the new stage of wind in Spain, among others. The second one has a technical approach in which case studies will analyze the challenges and solutions that affect our industry. And the entire sector is invited to participate. How? Through this call for abstracts that will be open until **February 24th**. Based on the proposals received, the technical programme of the Congress will be produced. The Congress will take place in Madrid on June 20th and 21st. Proposals will be accepted in both Spanish and English (simultaneous interpretation will be available throughout the event).

Call for abstracts´ requirements

1. Abstracts shall be in Spanish or English and must include: title, author's name, company's name (if applicable). They must not exceed 500 words.
2. Abstracts that include case studies and specific examples will be positively valued.
3. Abstracts must be sent by email to eventos@aeolica.org before the 24th of February 2017
4. More than one abstract per company can be submitted but from different authors.
5. The author accepts full responsibility for any copyright claims that may occur.
6. Abstracts on topics that do not appear on this document will also be accepted. In that case, the author must submit a justification for why it considers it relevant to be included.
7. Authors of the finally selected abstracts, one per abstract, will not pay the conference registration fee.

Assessment criteria and abstracts selection

Abstracts will be assessed by the Technical Committee based on the following criteria:

1. Contribution to the knowledge of the industry
2. Practical application
3. Technical quality and detail of presentation

Technical Committee

The Technical Committee is formed by:

- **AEE**
- **BEPTE**
- **CIEMAT**
- **FUNDACIÓN CIRCE**
- **IDAE**
- **TECNALIA**
- **UNIVERSIDAD CARLOS III**
- **UNIVERSIDAD DE CASTILLA Y LA MANCHA**

Key dates

January 11	Call for abstracts opening
February 24	Call for abstracts ends. Abstracts sent to the Technical Committee
Beginning of March	Technical Committee meeting to assess abstracts. Abstracts are chosen. Programme is produced
March 22	Programme is made public
May 12	Speakers must send their PowerPoint presentations to be checked by the session chairman who could request changes to suit the requirements.
June 2	Speakers must send their final PowerPoint presentations

More information

Should you have any query, please, send an email to eventos@aeolica.org

Conference topics

1. O&M

- Experiences according to the contracting modalities of maintenance services: Critical aspects in the change of modality and results
- Real-size and scale testing of components
- Strategies to improve the operation and maintenance of wind farms: data processing procedures, big data, condition monitoring... Results in terms of reduction of incidents and / or costs
- Incidents and solutions in foundations
- Standardization in the design of components and in the supply of spare parts
- New sensors and integration into the control
- Transmission systems

2. Grid integration

- Wind farm control strategies for the supply of grid services
- Voltage control
- Power/Frequency regulation

3. Offshore wind power

- Adaptation of the wind power and naval domestic supply chain to the offshore wind market: case studies
- Future projects in testing plants
- Floating LIDARs
- Floating platforms
- Improvements in design and development of wind power platforms and anchoring and mooring systems
- Special features of grid integration for offshore wind: infrastructure, storage, grid connection, etc.
- New ways of offshore transport
- Port infrastructures, storage and downloading

4. Distributed generation

- Small wind projects linked to self consumption or connected to the grid
- Hybrid systems: wind-photovoltaic, wind-diesel, the use of batteries...
- Expert systems for small producers
- Off-Grid

5. Resource and forecasting

- Reliable resource evaluation criteria: experiences and improvements
- Meso scale maps, reliability and validation according to lessons learnt
- Prediction Tools: current approach, fewer errors, forecasts in abnormal situations
- Addition of equipment to improve productivity: LIDAR, sonic anemometers...

6. Storage

- Solutions based on lithium batteries
- Flow, vanadium and other batteries
- Power electronics applied to storage systems

7. Digitalization

- New digital technology solutions
- Software to improve the profitability of projects
- Wind energy and digital economy (challenges and bottlenecks, success stories and lessons learnt from other industries)

8. Innovation

- Improvements in aerodynamic designs
- New materials, weight reduction
- Coatings and Surfaces
- Welding technology
- Advanced converters in response to grid codes
- New foundations, hybrid towers
- Disruptive Technologies
- Making the most of R & D investment: European opportunities, successful initiatives

* Note: Unlike other years, the topic "Life Extension" is not the subject of this call for abstracts because AEE will organize a specific conference on the issue in Madrid on September 19, 2017. There will NO be a call for abstracts for this conference (the programme will be launched in early February, even earlier than the Congress one). However, we are open to receiving proposals which can be sent to eventos@aeolica.org.