# Press Release

## CENER COORDINATES A EUROPEAN PROJECT TO TRAIN RESEARCHERS IN WIND ENERGY

- **The WAUDIT project has been presented today in Brussels**
- **30 European institutions participate in the project, including R&D centres, universities and enterprises.**
- **WAUDIT is endowed with 4 million euros.**

**Sarriguren (Navarra), 21 October 2009.-**Technicians from the Wind Energy Department of the National Renewable Energy Centre (CENER) are holding the first meeting of the European Project, WAUDIT (Wind Resource Assessment Audit and Standardization), today and tomorrow in Brussels. The project forms part of the Marie Curie actions of the PEOPLE programme of the Seventh Framework Programme (FP7) of the European Commission, for the formation of an ITN (Initial Training Network) with a joint programme to train researchers.

The main aim of the WAUDIT project, which will extend over a 4-year period and is endowed with 4 million euros, is to train researchers in the wind energy area, via the coordinated execution of 18 doctoral theses.

The project consortium coordinated by CENER is comprised of 13 European institutions and 17 associated centres from the research area. The enterprises include: EDF, Gamesa, ENHOL Group, Vestas, Garrad Hassan, E.O.N., Windrad Engineering, BARD Engineering, 3E, ETE; universities such as: Complutense University of Madrid, the Polytechnic University of Madrid (IDR-UPM), the Technical University of Denmark (Riso-DTU), University of Oldenburg (ForWind), Civil Engineering School of Paris (ENPC), Hamburg University, Loughborough University (CREST) and R&D centres such as the Renewable Energy Centre of Greece (CRES) and CENER.

The project theme focuses mainly on the *review of the state of the art* in wind resource assessment, including specific topics such as: measurement techniques with LIDAR, wind simulation in complex terrain with meteorological models, CFD and wind tunnel, atmospheric turbulence simulation, wakes and wind in woods. At the same time, the development of different methodologies is sought, with standardisation criteria via the validation of field tests. Thus, the results obtained at the experimental wind farm that CENER will soon be starting up will be important.

The WAUDIT researcher training programme will be coordinated with the activities developed by the European Academy for Wind Energy (EAWE) for the organisation of joint training courses. As it happens, CENER, the

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WAUDIT project coordinator, has recently been appointed President of the European Academy for Wind Energy (EAWE), which will undoubtedly benefit the collaboration work between both education and research institutions from the European wind sector.

Pursuant to this project, CENER will welcome three doctoral students from other European countries, who, over a three-year period, will support the R&D lines of the Wind Resource Assessment and Prediction service of the centre, at the same time as they develop their theses. The other 15 doctorate students will carry out their theses at other participating institutions, providing them with an excellent opportunity to receive specialised training at a high international level.

More information: www.cener.com

## About CENER

The National Renewable Energy Centre of Spain is a technology centre, with excellent qualifications and international prestige, specialised in applied research and the development and promotion of renewable energies. CENER has more than 200 researchers, carrying out activities on the five continents. The Board of trustees is comprised of the Ministry of Science and Innovation, the Research Centre for Energy, Environment and Technology (CIEMAT), the Ministry of Industry and the Government of Navarra.
CENER performs its activity in six work areas in the field of energies: wind energy, solar thermal energy and photovoltaic solar energy, biomass, bioclimatic architecture and renewable energy grid integration. Its headquarters are located in the Ciudad de la Innovación (Innovation Centre), in Sarriguren - Navarra, although it has offices in other locations in Spain. It has modern accredited laboratories and facilities in Europe, as is the case of the Wind Turbine Test Laboratory (located in Sangüesa), a biomass laboratory, a thermal collector and photovoltaic module test laboratory, as well as a photovoltaic cell materials and processes laboratory.

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