



Fig. 1: Jose Javier Armendariz (CENER) and Joseba Ripa (DEWI) signing the agreement.

CENER Transfers Wind Turbine Field Testing Activities to DEWI

J. Ripa, DEWI GmbH, Sucursal en España

As part of an internal reorganisation performed last year CENER decided to close the wind turbine field testing activities and pass them to DEWI Spain. DEWI Spain Branch Manager Joseba Ripa and CENER General Manager José Javier Armendáriz (Fig. 1) completed the negotiations on an Assets Purchase Agreement (APA) between DEWI GmbH and CENER with effect from 31.12.2012. The deal includes the acquisition by DEWI of all the measurement testing equipment of CENER's Wind Turbine Field Testing Division while CENER will continue offering Blade and Drivetrain Testing as well as applied research and high value technical consultancy. DEWI GmbH with its subsidiary DEWI Sucursal en España takes over all the ongoing projects with customers and the license for performance of Technical Services in CENER's Test Site for Wind Turbines (Alaiz) located in the vicinity of Pamplona, Spain. In addition DEWI GmbH has recruited a number of highly skilled field testing experts from CENER into its team, and so is able to benefit from the vast experience in this field that CENER has acquired as an internationally recognized Wind Turbine Field Testing Laboratory. CENER will continue to operate the experimental Alaiz wind farm for wind turbine prototypes which is suitable for certification tests under complex terrain conditions and high wind velocities. It has six calibrated sites for wind turbines of up to 5 MW each, and four meteorological masts of 120 m height. The farm has been equipped with continuously operating measurement systems, offices for customers and meeting rooms. It has been meticulously studied, characterized and analyzed to offer the best conditions for the measurements of wind turbine prototypes.

DEWI Spain was opened in 1999 as a subsidiary of the German DEWI GmbH and has established a strong market position with wind turbine manufacturers and project developers, both in Spain and around the world. With the addition of CENER's staff and assets, DEWI Spain considerably extends its capacity to offer high quality services and is able to finalize the unfinished measurements on the Alaiz test site with minimal disruption for the CENER clients.

CENER (Spanish National Renewable Energy Centre) is a research institute, focused on applied research in the field of renewable energies. It has excellent qualifications and is recognised both nationally and internationally. CENER currently provides services and performs research work in 6 areas: Wind, Solar Thermal and Solar Photovoltaic, Biomass, Energy in Buildings and Renewable Energy Grid Integration. CENER operates cutting-edge technological infrastructures, with some of the most modern facilities in the world. The Wind Turbine Test Laboratory (the only operational one of its kind in the world), the Experimental Wind Farm, the 2nd Generation Biofuel Centre and a Microgrid deserve a special mention.

DEWI GmbH together with its shareholder Underwriters Laboratories UL and CENER emphasize strong interest in continuing discussions concerning potential collaboration in different areas of interest to promote new opportunities in many service and research sectors. This service transition takes place in a situation in which the Spanish Economy is experiencing one of the most complicated moments in modern history. DEWI and its shareholder Underwriters Laboratories are convinced that this acquisition is the right step at the right time to strengthen the position in the Spanish market and to better accompany the very suc-

successful Spanish manufacturers and wind farm developers in their world-wide activities. In terms of wind energy, Spain is still one of the strongest countries in the world and the Spanish market continues to invest in wind installations to meet RE goals:

- Spain's cumulative installations at the end of 2012 were 22.8 GW or 21% of total EU installations, second behind Germany and 8% of the total in the world, still fourth after China, USA and Germany and firmly above promising countries like India (see Tab. 1 on page 32).
- Market continues to grow despite the cancelled feed-in tariffs for newly installed systems. 2012 still saw 1,122 MW of wind turbines installed in Spain.
- Spanish wind turbine manufacturers do not depend only on the Spanish market, but also operate successfully in the US, Brazil, India and China and therefore have very good chances to overcome the actually critical situation in Spain.

Summary

This service transition from CENER to DEWI has notably increased DEWI/UL global capabilities for wind turbine testing and strengthens DEWI's position in the Spanish market together with the world-wide activities of the Spanish manufacturers and other strategic DEWI alliances that have taken place recently (Aresse Engineering). The deal reinforces the already existing collaboration between UL and CENER extending the activities to other interesting segments of the renewable energy sector.

New Head of Due Diligence

Sebastian Herzog has been appointed as new head of the Due Diligence department of DEWI, based in Oldenburg in February 2013. Sebastian Herzog is in the wind business since 2001 having worked for Energiekontor, an wind farm developer, where he built up the Portuguese subsidiary. After several years of experience as project manager in Lisbon, he moved to the headquarters of the company in Bremen, from where he managed the Portuguese companies. During this employment he realized wind farms with a total capacity of 65 MW in different functions and responsibilities.

Due Diligence of wind farm projects targets the increase of security of investment in wind farms for operators, investors and financing banks. Detailed assessments on the wind farm project can be conducted throughout the whole life cycle of a wind farm: before construction, supervision during construction and later during the operation phase of the wind farm. Due diligence processes cover various areas of wind farm development and operation, e. g. the analysis of license and market conditions, assessments on the technical design or site inspections and detailed assessments of the different contracts for construction and operation of the wind farm. Finally, based on the findings in the detail assessments, the identified risks are being evaluated, focusing their implications on the project economics. The scope of the assessment is individually tailored according to the needs of the client and can range from a detail analysis to a complete wind farm assessment.

New Address of DEWI in Canada

Since the last issue of DEWI Magazin, there has been one change in the addresses of the DEWI Group branch offices world-wide. Our office in Canada has moved to a new office. To enable you to keep in touch with our colleagues, you will find on the right the new address and phone number.

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Neuer Leiter Due Diligence

Sebastian Herzog leitet seit Februar 2013 die Due Diligence Abteilung des DEWI in Oldenburg. Seit 2001 im Windgeschäft, baute Herr Herzog zuvor bei dem Projektentwickler Energiekontor AG aus Bremen die Niederlassung in Portugal auf und konnte dort Windparks mit einer Gesamtleistung von 65 MW realisieren. Nach mehreren Jahren Auslandserfahrung als Projektmanager in Lissabon, wechselte Herr Herzog 2007 in die Firmenzentrale in Bremen und leitete von dort als Geschäftsführer die portugiesischen Gesellschaften.

Due Diligence – die Sorgfältigkeitsprüfung von Windparkprojekten zielt darauf ab, die Investitionssicherheit in Windparks für Betreiber, Investoren oder projektfinanzierende Banken zu steigern. Detaillierte Projektanalysen werden in den verschiedenen Phasen des Betriebs eines Windparks durchgeführt – vor Baubeginn, während des Baus und später während der Betriebsphase. Das Leistungsspektrum reicht von einer Analyse der Genehmigungs- und Marktbedingungen, über technische Begutachtung der geplanten oder in Betrieb befindlichen Anlagen und Infrastruktur bis hin zu einer technischen Vertragsprüfung der Bau- und Betriebsleistung. Abschließend wird auf Basis der vorangegangenen Analyseschritte eine Risiko- und Wirtschaftlichkeitsbewertung des geprüften Projekts durchgeführt. Der Prüfumfang wird individuell auf den Bedarf der Kunden zugeschnitten und kann als Gesamtprüfung zu Investitionszwecken sehr umfangreich gestaltet werden oder aber detailliert einzelne Sachverhalte „unter die Lupe“ nehmen.

Neue Adresse vom DEWI in Kanada

Seit dem letzten DEWI Magazin gab es eine Adressänderung bei den Niederlassungen des DEWI weltweit. Unser Büro in Kanada hat neue Räumlichkeiten bezogen. Damit Sie auch weiterhin mit unseren Kollegen vor Ort in Kontakt treten können, finden Sie links die neue Anschrift und Telefonnummer.