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Life extension Challenges and Solutions for operating wind farms

Madrid, 22nd and 23rd of September 2016

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09h30 Opening

Luis Polo. General Director. AEE

09h45 The current situation of life extension in Spain

Alberto Ceña. Technical Services Coordinator. AEE

10h15 ¿Life extension or repowering?

Chairman: Alberto Ceña. Technical Services Coordinator. AEE

- **First case of complete life extension of a wind farm in Spain**

Christian Jourdain. Head of Marketing & Communication Corporate Services. Gamesa

- **35 years, the target for the useful life of wind farms. Case study: El Perdón**

Óscar Vidal. Manager for Useful life Extension and Optimization of wind farms.

Acciona Energía

- **Circular economy in the wind power sector**

Enrique Pelluz. Special Operations Director. Surus Inversa

11h30 Coffee break

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12h00 Is it feasible to estimate the remaining life of the wind turbine and its different components?

Chairman: Juan Carlos Martínez-Amago. Country Manager for Iberia and Latam. Romo Wind

- **The wind farm as the data provider to determine life extension**

Álvaro Campuzano. Sales Area Manager Wind Division. NEM Solutions

- **New approach to monitoring systems for life extension strategies**

Enrique Camacho Cuesta. Coordinator of Predictive Maintenance and Life Extension

Products Unit. Ingeteam Service

- **Using Scada data as a low cost method for life extension**

Jordi Cusidó. CEO. Smartive

13h15 Is it necessary to adapt maintenance strategies to extend the life of the different components?

Chairman: Eduardo Vicente. Sales and Marketing Iberia Lubrication Unit Lincoln/SKF

- **Examples and damage mitigation strategies for life extension**

Rubén Ruiz de Gordejuela. CTO. Nabla Wind Power

- **Analysis of loads, maintenance strategies and calculations of useful life**

Carlos Alberó. Head of Section, Asset and Operations Management (AOM) and

Strategy and Policy Services Iberia. DNV GL

14h15 Lunch break

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16h00 Monitoring, a key tool to evaluate the life of wind farms

Chairman: Ángel Alonso. Engineering and O&M Director. Norvento

- **Wind Asset Health Centre: predictive analytics for condition-based optimization**

Mohamad Murywed. Sales and business development manager. ABB

- **Monitoring for diagnosis, to improve useful life and optimize performance**

Juan Carlos Sánchez Catalán. Director of Instrumentation and Smart Systems in the Industry and Transport Area. Tecnalia

- **Ultrasonic wind sensors for better monitoring of wind turbines**

David Ponsá. Area Sales Manager. FT Technologies

17h15 Are audit and certification feasible? How do they affect the supply chain?

Chairwoman: Ana P. Talayero. Research Department Director. Fundación Circe

- **Audit procedures to determine the status of the equipment at the end of its useful life**

José Luis Mosquera. Project Manager, Long life renewable programmes. Siemens

- **Certification of wind assets life extension**

Jose Javier Ripa. Director for Spain and Latam. DEWI-UL

- **Regional audit initiatives of wind farms: security and remaining life.**

Fernando Montes. Technical Director. SGS Tecnos

Daniel Arranz. Certification Director. SGS Tecnos

18h30 End of day

23rd of September

09h15 The convenience of using new components or reusing existing ones

Chairman: Francisco González. COO. Saeta Yield

- **Lifepius programme from an O&M point of view**

Francisco Javier Docampo. MED Special Projects, CIM & SCADA. Vestas

- **The use of the reinforced gearbox**

Álvaro Martín. Design Manager for the refurbish/repair programme & Product Owner of >1Mw Gearbox at GET. Gamesa

- **Life Stretch substation, a multi-objective methodology to compare different alternatives to extend the life cycle of the substation**

José Ignacio Garrido. Global Business Development Manager. ABB

- **Strategies to maximize LCoE for fixed speed wind turbines transformed to variable speed**

Alberto Barcia. Platform responsible at R+D UN Wind department. Ingeteam

10h45 Coffee break

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11h15 Exchange of components and their integration into the original ones

Chairman: Juan de Dios López. Technical Manager. Altran

- **Re-blading or changing blades to improve performance and extend the life of assets**

Carlo Durante. CEO. eTa Blades

- **How to ensure access to critical spare parts after 20 years**

Isabel González. Sales Manager for Spain. SPARES IN MOTION

- **The coexistence of new wind turbines with extended life ones in the wind farm**

José Luis del Cerro. Service Business & Product Development Senior Manager for Iberia & France. VESTAS

12h30 Legal and financial implications for life extension: design certification and administrative authorizations

Chairman: Alberto Orejana. CTO. Taiga Mistral

- **Conditions to finance life extension and repowering in capital markets**

Ignacio de la Torre. Partner. ARCANO GROUP

- **Legal implications**

Fernando Calancha. Partner. PWC

- **The effect life extension has on the profitability of the wind farm**

Luis Palacios. Managing Director. JB Capital Markets

13h45 Conclusions

Juan Diego Díaz. Chairman. AEE

14h00 End of day

General Information

Date

22nd and 23rd of September 2016

Venue

Hotel Meliá Avenida de América
C/ Juan Ignacio Luca de Tena, 36
28027 Madrid

Registration fees

AEE Members: 297.50 Euros + VAT

Non members: 425 Euros + VAT

(The registration fee includes attendance, access to documentation, coffee break and lunch)

Registrations

Register through AEE's website on www.aeeolica.org



Spanish Wind Energy Association

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