



AGENDA

CDTI-NEDO Joint Workshop on “The Offshore Wind Energy Generation Technology”

2nd of July 2018

Euskalduna International Conference Hall
Avda. Abandoibarra, 4 · 48011, Bilbao, Spain

Draft agenda as of 2018 06 25

08:00 - 08:30 **Registration**

Opening Session

08:30 - 08:54 **Opening Remarks**

Ms. Javier Zarraonandía, Viceminister of Industry and Energy, Basque Government

Mr. Luis Gonzales, Director Foreign Technology Action Division, CDTI

Mr. Katsushi Takehiro, Director General, International Affairs Department, NEDO

08:54 - 09:00 **Overview of the Bilateral Program “Japan (NEDO) - Spain (CDTI) Innovation Program”, JSIP**

Mr. Toshihiko Hiranuma, National Manager of JSIP, NEDO

Technical Session

09:00 - 09:45 **Overview of Offshore Wind industry past and future challenges in Spain and Japan**

Mr. José Ignacio Hormaeche, Managing Director, Basque Energy Cluster

Mr. Yoshinori Ueda, General Manager, International Affairs and Communication, JWPA

Mr. Masaharu Itoh, Offshore Wind & Ocean Energy, New Energy Technology Department, NEDO

09:45 - 11:05 **Bottom-fixed Offshore Technologies and Cases**

09:45 Japanese Case: **Cost Reduction Challenges of Offshore Wind in Japan**

Mr. Hiroshi Imamura, President, Wind Energy Institute of Tokyo

10:00 Spanish case: **Challenges of the fix foundations in the Wikinger Project**

Mr. Estanislao Rey-Baltar, Wikinger Project Director, Iberdrola

Mr. Iker García Magrach, Offshore Installation Department Manager, Iberdrola

Mr. Raul Rico, Fene Yard Director, Navantia

Mr. Roberto Presa, Wikinger Project Manager, Windar Renovables

11:00 Q&A

11:05 - 11:35 **Coffee Break**



11:35 - 13:10 **Floating Offshore Technologies and Cases**

11:35 **Japanese Case: Demonstration project of a shallow-draft barge type steel floater**

Mr. Shigeki Okubo, Deputy Manager Engineering and Technology Development Department, Wind Power Business Unit, Hitachi Zosen

11:50 **HYWIND Scotland: first Floating platform Offshore Windfarm in Europe**

Development and operation of Hywind Scotland.

Mr. Arne Eik, Leading Business Developer Floating Offshore Wind, Equinor (*former Statoil*)

Floating Offshore Wind is proven Technically viable - How to get to a competitive LCOE

Mr. Poul Skjærbæk, Head of Innovation Offshore, Siemens Gamesa Renewable Energy

Towers manufacturing process

Ms. María Goitiandia, Business Development Manager, Navacel

Hywind Scotland: The Mooring

Mr. Xavier Aguirre, Sales and Business Development Manager-Forgings and Renewables, Vicinay

Seamless Rolled Rings for Offshore Wind

Mr. José Luis Azurmendi, Commercial Director, Euskal Forging

13:05 Q&A

13:10 – 14:15 **New designs and concepts**

13:10 **Japanese Case: New Design Concept of Concrete foundation for Floating OW Turbine in Japan**

Mr. Yosuke Yagi, Director Engineering Division, Fuji PS

13:25 **Spanish Cases**

Nautilus - An efficient Floating Foundation for Offshore Wind

Mr. Jesús Busturia, General Manager, Nautilus Floating Solutions

SATH Commercial Development in Japan

Mr. David Carrascosa, Chief Technology Officer, Saitec Offshore Technology

Serial production systems of precast concrete towers

Mr. Carlos García, Partner and Managing Director, Esteyco Group

14:10 Q&A

14:15 – 14:20 **Closing Remarks**

Ms. Angeles Valbuena, National Manager of JSIP, CDTI

14:20 - 15: 00 **Visit to Basque companies stands (only Japanese delegation)**

The information desks of 7 Basque companies will be set at the Lunch hall (in order of location): NAUTILUS, HWS CONCRETE TOWERS, ERREKA FASTENING SOLUTIONS, GARAY GROUP, PROTECTION, NEM SOLUTIONS, TECNALIA

15:00 - 16: 00 **Lunch – networking time**