



OceaNET Final Workshop

“Offshore Renewable Energy farm design and O&M”

27th and 28th March 2017, Bilbao, Spain

Venue: BEC! Bilbao Exhibition Centre, Room 1A, level 5

Address: Ronda de Azkue, 1, 48902 Barakaldo, Bizkaia, Spain

27TH MARCH

MORNING SESSION

09:00 – 09:30 – Registration

09:30 – 09:45 – Welcome and introductions

09:45 – 10:45 – Addressing Offshore wind challenges

09:45 – 10:00 Power production forecast for O&M of floating offshore wind
Yannick Debruyne

10:00 – 10:15 Modelling tools and methodologies of floating offshore wind turbines
Simon Burmester

10:15 – 10:45 - Addressing Wave Energy challenges

10:15 – 10:30 Hydrodynamic synergies of co-located wave energy converters and wind turbines - Nicolás Tomey

10:30 – 10:45 Innovative wave energy concepts - Boris Teillant

10:45 – 11:15 – Coffee-break and cybertime

11:15 – 12:45 – Addressing Wave Energy challenges

11:15 – 11:30 Optimization of offshore renewable energy farms - Francesc Flavià

11:30 – 11:45 Novel bi-radial air turbine integration in floating OWC - Juan Carlos

11:45 – 12:00 Power quality and energy storage in OWC plants - François-Xavier Fay

12:00 – 12:45 – Discussion session: New challenges of marine renewable sector

- Moderators:
- Jose Luis Villate – Offshore Renewable Energy Director, TECNALIA
 - Tony Lewis – University College of Cork and CTO of the Oceanergy

12:45 – 14:00 – Lunch and cybertime



AFTERNOON SESSION

14:00 – 15:00 – How can industry benefit from ITNs?

- Speakers:
- Richard Argall –Mojo Maritime Ltd
 - Luca Castellini – Umbra Group
 - Endika Aldaiturriaga - OCEANTEC

15:00 – 17:45 – Addressing Operation and Maintenance challenges

- 15:00 – 15:15 Characterization and Optimization of O&M Procedures for Marine Renewable Farms - Giovanni Rinaldi
- 15:15 – 15:30 Condition Monitoring and Fatigue - Nathalie Muller
- 15:30 – 15:45 Using Observation Class ROVs to perform underwater electrical connections- Flore Remouit

15:45 – 16:15 Coffee-break and cybertime

- 16:15 – 16:30 Reducing uncertainty in floating offshore wind operation and maintenance - Michele Martini
- 16:30 – 16:45 Autonomous marine vehicle navigation and control systems for the inspection of offshore energy devices - Mohammadtaghi Poshtmashhdi.
- 16:45 – 17:00 Sonar for environmental monitoring (O&M)- Francisco Francisco

17:00 – 17:45 – Discussion Session: How can O&M innovation bring ORE closer to the market?

- Moderators:
- Pedro Luis Díaz-Marta - Ingeteam Power Technology S.A.

17:45 – 18:00 – Closing session

28th MARCH

09:30 – 13:00 – 4th Annual Meeting (Private session)

14:30 – 17:30 - Poster session (in partnership with BMEW Conference)