

07:15 to 17:30 GMT+0100

Technical visit – Tour in Pays de la Loire – Design, manufacturing, monitoring and maintenance: innovative solutions for mooring lines are developed in Pays de la Loire

This tour includes the visit of two factories:

FMGC is the European leader in cast iron ballasting & stabilisation solutions dedicated to Marine renewable energy application with involvement in most of the European floating wind projects. Highly involved in floating wind market, FMGC is providing to the industry a wide range of solutions including clump weights for mooring systems, gravity based & static ballasts as well as cable protection & stabilisation.

Visit of the FMGC foundry will be followed by a presentation of University of Nantes, which is involved in the monitoring and maintenance of marine and Coastal structures since the 90's. FMGC and University of Nantes have been collaborating for many years on the resistance of materials. University of Nantes having high-performance test facilities, new sensors and new methods will be presented for degradation and marine growth updating.

NOV-BLM is an equipment supplier specialized in the design, manufacturing, testing and servicing of equipment dedicated to the floating offshore wind industry. The visit of the plant will be completed by a presentation of the business cluster Neopolia and other companies from this sector.

- Departure 7:00 am from St-Malo

- The visit will end at Nantes airport at 5.30 p.m.

Capacity of the visit : 19 persons

07:30 to 18:00 GMT+0100

Technical visit Brest

On Thursday 18 November, Bretagne Ocean Power invites you to discover the MRE terminal of the port of Brest. During this technical visit, you will be able to appreciate the potential of this infrastructure, as well as the industrial activities currently installed, related to the Ailes Marines project. A visit to the Navantia and Windar workshops is planned.

The port of Brest has a new terminal entirely dedicated to MRE projects: 40ha of industrial lots connected to maritime and transport networks, 400LM of heavy load quay in a accessible and sheltered bay. Thanks to its strategic location, it is close to the French and European wind farms. The port of Brest is also the first French port for ship repair and construction.

In the afternoon, you will be able to visit the IFREMER test site by sea, another major infrastructure in the region which will enable the deployment of the sector. You will be able to discover the wind and wave prototypes currently being tested in real maritime conditions.

We will also present the richness of the Brest Iroise ecosystem, Europe's leading centre for marine science and technology.

Practical informations :

This technical visit is offered on Thursday, November 18, all day (7:30 AM – 6 PM).

This visit is free of charge.

Round trip by bus, departure from St Malo. A stop at Brest airport is planned at 3pm.

Lunch included in the visit.

Make sure you wear the right clothes for the sea trip!

Capacity limited to 50 people.

Your registration for this visit will be final when it is validated by the organizer of the technical visit.

With the support of Iberdrola.

08:00 to 08:30 GMT+0100

Doors open

08:30 to 09:40 GMT+0100
AUDITORIUM &
STREAM ONLINE

Plenary session – Resource prediction and WT performance

Chairman: Po-Wen Cheng, Professor, University of Stuttgart



Fabrice Guillemin
IFPEN
Wind turbine control manager



Natalia Castro-Casas
D-ICE Engineering
Lead FOWT R&D Control Engineer



Sandrine Aubrun
Centrale Nantes
Professor



Valentin Resseguier
Scalian
Scientific Officer

09:40 to 10:40 GMT+0100
AUDITORIUM &
STREAM ONLINE

Plenary session – Global performance prediction

Chairman: Christophe Maisondieu, Ifremer



Aggelos Dimakopoulos
HR Wallingford
Principal Engineer



Anni Piirainen
Xodus Group
Lead Renewables Consultant



Gary Ross
Floating Energy Systems
Director/Engineering Lead



Jean-François Filipot
France Energies Marines
Scientific Director and leader of the DIMPACT project



Julie Sirvent
Kingston University



Quentin Dezulier
GeM Nantes University
PhD Student at the GeM Institute

10:40 to 11:10 GMT+0100

Coffee break

11:10 to 12:35 GMT+0100
AUDITORIUM &
PLENARY SESSIONS

Plenary session – Operation and Maintenance

Chairwoman: Florence Lafon, Mediterranean Office Manager, France Energies Marines



Armando Alexandre
Principal Power Inc
R&D Engineer



Cyril Condemine
Morphosense
CTO



Jean-Michel Heurtier
Principia



Laurent Barthélémy
Ecole Nationale Supérieure Maritime
Lecturer and Researcher in MREs



Pablo Necochea
Vestas
Lead Developer Floating Segment

12:35 to 13:35 GMT+0100
AUDITORIUM &
STREAM ONLINE

Plenary session – Mooring and Cable

Chairman: Jean-Christophe Gilloteaux, Centrale Nantes



Alex Raventos
X1 Wind
CEO and Co-founder



Judith Bosch
DSM
Technical and business development manager



Lloyd Inglis
InterMoor
Senior Naval Architect



Dr Thomas Doyle
Dublin Offshore Consultants
Director



Tore Hordvik
DNV Energy Systems
Business Lead – Floating Wind

13:35 to 14:30 GMT+0100

Lunchtime cocktail 18th November