



FLOATECH

The future of floating wind turbines

FINAL INFODAY

Date: December 1st, 2023 – 9.30 am CET

Venue: Technische Universität Berlin – Hardenbergstrasse 16, 10623 Berlin (Room-HBS 005)

Language: English

The event will be live streamed

FLOATECH is a Horizon 2020 project funded under the European Union's H2020 energy programme (LC-SC3-RES-31-2020 - Offshore Wind Basic Science and Balance of Plant). The consortium is coordinated by TU Berlin and is implemented by 9 partners from 4 EU countries. The project runs from January 2021 to December 2023 and has received a budget of 4 million EUR from the European Commission over these 3 years.

FLOATECH aimed at increasing the technical maturity and the cost competitiveness of floating offshore wind energy. This was achieved by two types of actions:

- The development, implementation, and validation of a user-friendly and efficient design engineering tool (named QBlade-Ocean) performing simulations of floating offshore wind turbines with unseen aerodynamic and hydrodynamic fidelity. The more advanced modelling theories will lead to a reduction of the uncertainties in the design process and an increase of turbine efficiency.
- The development of two innovative control techniques (i.e., active wave-based feed-forward control and the active wake mixing) for floating wind turbines and floaters, combining wave prediction and anticipation of induced platform motions. This is expected to reduce the wake effects in floating wind farms, leading to a net increase in the annual energy production of the farm.

The FLOATECH final event will serve as a platform for project partners, stakeholders, and the wider community to share the knowledge, insights, and innovations that have emerged throughout the project's duration. It provides an opportunity to present the notable progress achieved in the field of floating offshore wind energy, bridging the gap between cutting-edge research and practical implementation.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 101007142

<https://floatech-project.com>



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AGENDA

09.30 – 10.00	Welcome coffee and registration
10.00 – 10.05	Welcome by Christian Navid Nayeri, Technische Universität Berlin (Germany)
10.05 - 10.20	Introductory statement from Enrico Degiorgis, Policy officer, DG RTD, European Commission
10.20 – 10.30	The FLOATECH project in context by Christian Navid Nayeri and Robert Behrens de Luna, Technische Universität Berlin (Germany)
10.30– 11.30	The project's three main outcomes and exploitation of the results : <ul style="list-style-type: none">• QBLADE & NEMOH by Technische Universität Berlin /Ecole Central Nantes• Control tech Wave Mixing by TU Delft• LCOE Financial breakdown by Seapower
11.30– 11.45	Coffee Break
11.45 – 12.00	The gender perspective by Marie-Laura Ducasse, Saipem (France)
12.00 – 12.15	What's next ? by Joseph Saverin, Technische Universität Berlin (Germany)
12.15 – 12.30	Wrap up and Q&A
12.30 – 13.30	Lunch Break
13.30 – 14.30	Panel Discussion – The Future of Floating Offshore Wind
14.30 – 14.45	Panel Discussion Q&A
14.30 – 15.00	Wrap up and Q&A



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PRACTICAL INFORMATION

Directions to the Venue:

Venue Name: Technische Universität Berlin (Room-HBS 005)

Address: Hardenbergstrasse 16, 10623 Berlin

Contact Info: Inès MARTORELL (i.martorell@euronovia.eu) and Robert BEHRENS DE LUNA (r.behrensdeluna@tu-berlin.de)

From the Airport: The venue is located 31 km from the airport, and you can take a taxi/Uber or rental car for convenience. You can also take the regional train RE8/FEX to the Berlin Zoologischer Garten station

By Train: If arriving by train, the **Berlin Zoologischer Garten station** is the closest. You can walk from the station to the venue (6 minutes)

Parking: On-site parking is available for event attendees at a cost of 2€ per hour. Please note that parking in the urban area can be challenging, so we recommend arriving early to secure a spot. If you prefer free parking options, you can find them in front of the TU Berlin building at Straße des 17. Juni 135 (700 m away).



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PRACTICAL INFORMATION

Accommodations

Hotel n°01: Hotel Indigo Berlin - Ku'Damm, an IHG Hotel

Address: Hardenbergstraße 15, 10623 Berlin

Contact Info: +49308609090, <https://www.ihg.com/hotelindigo/hotels/gb/en//berlin/beriw/hoteldetail>

Hotel n°02: Aletto Hotel Kudamm

Address: Hardenbergstraße 21, 10623 Berlin

Contact Info: +4930233214100, <https://www.aletto.de/>

Hotel n°03: Townhouse Berlin a Vagabond Club

Address: Goethestraße 87, 10623 Berlin

Contact Info: +4930437470,
<https://www.vagabondclub.com/berlin>

Hotel n°04: Hampton by Hilton Berlin City West

Address: Uhlandstraße 188-189, 10623 Berlin

Contact Info: +49304050270
https://www.hilton.com/en/hotels/txlbchx-hampton-berlin-city-west/?SEO_id=GMB-EMEA-HX-TXLBCHX

Hotel n°05: Novotel Berlin Am Tiergarten

Address: Str. des 17. Juni 106-108, 10623 Berlin

Contact Info: +4930600350,
https://all.accor.com/lien_externe.svlt?goto=fiche_hotel&code_hotel=3649&merchantid=seo-maps-DE-3649&sourceid=awcen&utm_medium=seo+maps&utm_source=google+Maps&utm_campaign=seo+maps&y_source=1_MTUzNTg5MzgtNzE1LWxvY2F0aW9uLndiYnNpdGU%3D

Hotel n°06: Pestana Berlin Tiergarten

Address: Stülerstraße 6, 10787 Berlin

Contact Info: +4930311759000
https://www.pestana.com/en/hotel/pestana-berlin?utm_source=google-my-business&utm_medium=organicsearch&utm_campaign=pestana-berlin&tc_alt=10010

Hotel n°07: ibis Berlin Kurfuerstendamm

Address: Bayreuther Str. 39, 10787 Berlin

Contact Info: +49302888670,
https://all.accor.com/lien_externe.svlt?goto=fiche_hotel&code_hotel=7961&merchantid=seo-maps-DE-7961&sourceid=awcen&utm_medium=seo+maps&utm_source=google+Maps&utm_campaign=seo+maps&y_source=1_MTUzNTk2ODYtNzE1LWxvY2F0aW9uLndiYnNpdGU%3D



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