



Press release

Berlin, 10 November 2025

Key achievements from the FLOATFARM project

FLOATFARM is a 4-year Horizon Europe project coordinated by **Technische Universität Berlin** (TUB) with partners across leading universities, research centers, and industry. Building on the outcomes of [FLOATECH](#) (2021–2023), the consortium advances turbine technology (Action 1), farm-level technology (Action 2), and environmental & socioeconomic assessment (Action 3), all integrated through a holistic **MDAO** framework.

Today, FLOATFARM marks three achievements this fall:

1. A new paper in *Advances in Engineering Software Journal*

Songhan Zhang, Wim De Waele, Kris Hectors from Ghent University published on the 15th of October 2025 a groundbreaking paper in *Advances in Engineering Software* titled [*HFJOINT: A high-fidelity numerical modeling tool for stress concentration factor analysis of welded tubular joints*](#)

This paper introduces HFJOINT, a high-fidelity numerical tool to compute stress concentration factors (SCFs) in welded tubular joints components essential to the stability of floating platforms. This software will facilitate easier and more efficient checks for floating platform design.

→ Find out more [here](#)

2. Two successfully completed workshops

On the 23rd and 24th of October 2025 FLOATFARM partners from [TUB](#) and [DTU Wind](#) successfully completed two hands-on trainings showcasing optimization frameworks developed under **Task 7.1**. The sessions demonstrated coupling **HAWC2** and **QBlade** within [NREL's WEIS](#) framework to enable **multidisciplinary design optimization (MDAO)** and **control co-design (CCD)**. These frameworks provide powerful tools for design and optimisation of floating offshore wind turbine design.

→ Find out more [here](#)

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3. The first Women4Wind webinar

On the 24th October 2025, FLOATFARM hosted the first **Women4Wind webinar**, an inspiring, action-oriented session highlighting women leading the change in wind energy sector. The event offered both practical insights and inspiring success stories.

➔ Find out more [here](#) and watch the recording on the [FLOATFARM YouTube Channel](#)

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To learn more about the project, please visit our website: <https://floatfarm-project.eu/> and subscribe to our newsletter: <https://floatfarm-project.eu/newsletters/>.

Contact

Coordinator - Joseph Saverin
Technical University of Berlin
j.saverin@tu-berlin.de
Tel: +49 (0)30 314 77601

