



NATURSEA-PV

*Save
the
date!*

Novel eco-cementitious materials and components for durable, competitive, and bio-inspired offshore floating PV substructures:

NATURSEA-PV Public kick-off workshop

15 March 2023 | 9:00 - 13:00

Capital C Amsterdam (The Netherlands)

WEESPERPLEIN 4B

1018 XA AMSTERDAM

Cannot join in-person? Participate online!

Event organized by:  **Warrant Hub**
TINEXTA GROUP

With the collaboration of:



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PROGRAM

- 9:00 – 9:30 Registration
- 9:30 – 9:35 Welcome and opening
Sara Attanà (Warrant Hub S.p.A.)
- 9:35 – 9:45 Project overview
Juan J. Gaitero (Tecnalia)
- 9:45 – 10:00 Floating Offshore Structure: Conceptual Design
William Otto (Marin)
- 10:00 – 10:15 UHPC: a strategic material for blue economy
Esteban Camacho (RDC)
- 10:15 – 10:30 Modelling & Testing: Key for Durability & Maintenance
Neven Ukrainczyk (Technische Universität Darmstadt)
- 10:30 – 10:45 Social, environmental, and regulatory considerations
Niall Dunphy (University College Cork)
- 10:45 – 10:50 Short break
- 10:50 – 11:00 Intro to round table: KPIs & Requirements
Iñigo Mendikoa (Tecnalia)
- 11:00 – 11:40 Round table
- 11:40 – 12:00 Open discussion
- 12:00 – 12:10 Concluding remarks
- 12:10 – 13:00 Lunch and informal discussion

CONTACTS:

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ABOUT THE PROJECT

The strategic objective of NaturSea-PV is to improve the overall lifetime, reliability and maintainability of marine substructures for offshore floating photovoltaics (PV), to reduce degradation and failure rates, and thus investment risk and Levelized Cost of Electricity (LCOE).



Objectives

- Develop a new conceptual concrete substructure;
- Development of new circular materials and treatments;
- Develop improved predictive computational tools for durability aspects;
- Testing and validation in realistic conditions of developed material, components and computational tools;
- Compatibility with socio-economic activities and maximization of sustainable impact in line with the Mission Healthy Oceans.

More info



www.natursea-pv.eu

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