

NOVEL TECHNOLOGIES TO BOOST THE SHIPYARD INDUSTRY

Opening new routes for ship construction and repair

May 30–31, 2023
RDM Rotterdam
The Netherlands

ORGANIZED BY THE EU HORIZON 2020 PROJECTS:

FIBRE4YARDS
SHIPYARD FOR THE FUTURE



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MAY 30th

Session 1. The EU approach to develop new technologies for shipbuilding and repair

13.30h	Keynote: The EU approach to support shipbuilding and repair (tbc)
14.00h	Keynote: The industry approach to shipbuilding and repair (Christophe Tytgat)
14.30h	<i>Coffee Break</i>
15:00h	Fibre composite manufacturing technologies for the automation and modular construction in shipyards
15.30h	User-centric solutions for a flexible and modular manufacturing in small and medium-sized shipyard
16.00h	Robotic Survey, Repair and Agile Manufacture
16.30h	NETWORKING SESSION

MAY 31st

Session 2. New technologies for shipbuilding and repair

9.00h	Keynote: (tbc)
9.30h	New technologies for automated manufacturing of fibre ships
10.15h	Enabling collaborative robotics in shipbuilding
11.00h	<i>Coffee Break</i>
11.30h	Technical perspective for new technologies – FSW developments
12.00h	Roundtable
<i>Lunch Break</i>	

Session 3. Developing a Digitalized shipyard

13.45h	Keynote: 3D Classification Takes The Maritime Industry To Another Dimension (Hugues Moreau)
14.15h	OSI4IOT platform: Shipyard Digital Twin
15.00h	<i>Coffee Break</i>
15.15h	AR/VR technologies. 3D scanning and reconstruction using drones
16.00h	RESURGAM Platform
16.45h	Roundtable
17.30 h	CLOSURE AND NETWORKING SESSION