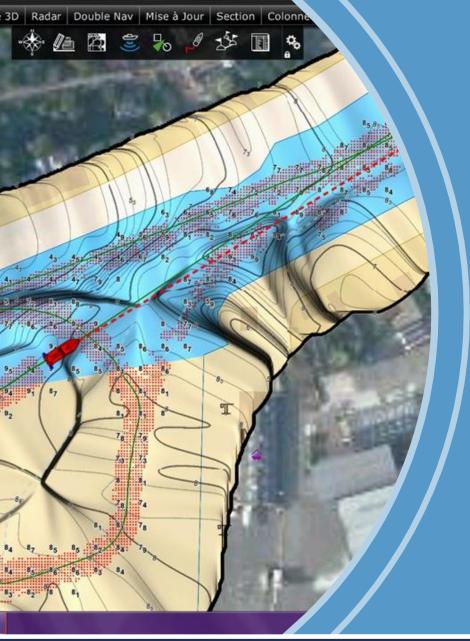
Asset design, sharing & modularity





Designing a Small Autonomous Zeroemission Vessel (SFAZ) by means of Digital Twin and Simulation Tool



This project has received funding from the European Union's Horizon Europe research and innovation programme under grant agreement No 101138261









Project by:









DESIGNING A SMALL AUTONOMOUS ZERO-**EMISSION VESSEL (SFAZ) BY MEANS OF** DIGITAL TWIN AND SIMULATION TOOL

Waterborne

Asset design, sharing & modularity



Solution description

- To optimise hull and vessel designs for SFAZ tailored to shallow and narrow urban waterways.
- To design with modular components for improved manoeuvrability, reduced emissions and cost efficient construction.
- Drawings and CAD models (hull geometry, propulsion integration) providing a basis for vessel construction and integration into Digital Twin Platform.
- A platform for creating and testing DT's of SFAZ's integrating hull, propulsion, energy, route & environment,... Designers and operators can simulate performance to refine design and plan operations.

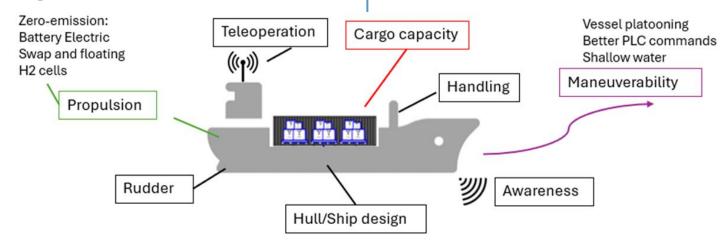


Benefits

Ability to design, engineer, build, vessels that match the requirements of sailing in specific urban waterways and urban logistics

Main beneficiary:

Ship designers/builders; LSP's, shippers, who want their next vessel to be 100 % tailormade.



Technology readiness level: 5 Implementation stage: Concept







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Share your contact details and we'll get in touch with you!









Would you like to know more? Take contact:





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