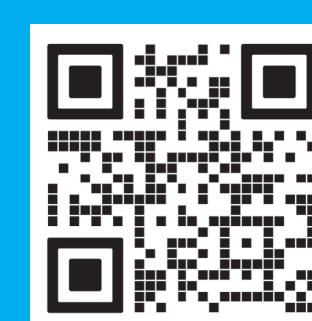# SEAMLESS

SAFE, EFFICIENT AND AUTONOMOUS: MULTIMODAL LIBRARY OF EUROPEAN SHORTSEA AND INLAND SOLUTIONS

SEAMLESS aims at developing and adapting missing technology building blocks and key enabling technologies into a fully automated, economically viable, cost-effective, and resilient waterborne freight feeder loop service for Short Sea Shipping (SSS) and/or Inland Waterways Transport (IWT).

seamless-project.eu

- Increased and early deployment of climate neutral fuels and significant electrification of shipping, in particular and foremost in intra-European transport connections.

- Enable innovative port infrastructure to achieve zero-emission waterborne transport (inland, maritime).

- Strong technological and operational momentum towards achieving climate neutrality and the elimination of all harmful pollution to air and water.

- Enable fully automated shipping (maritime and inland) and efficient connectivity.

- Increased overall energy efficiency and drastically lower fuel consumption of vessels.

- Enable clean, climate-neutral, and climate-resilient inland waterway vessels before 2030 helping a significant market take-up and a comprehensive green fleet renewal which will also help modal shift.

- Achieve the smart, efficient, secure and safe integration of maritime and inland shipping into logistic chains, facilitated by full digitalisation and automation.
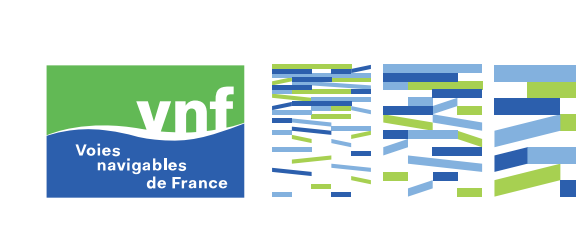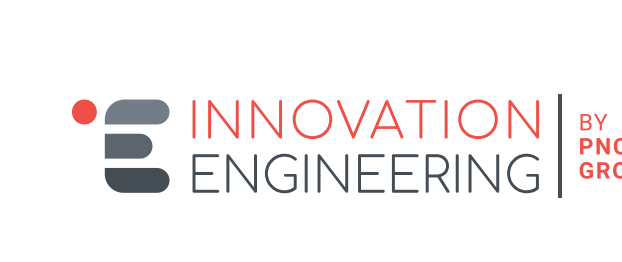
- Competitive waterborne industries, including the globally active European maritime technology sector, providing the advanced green and digital technologies which will support jobs and growth in Europe.

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