









Project by:





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## **ZERO EMISSION AND AUTONOMOUS SAILING: X-BARGE**

**Urban logistics /** Last mile

Automation (Physical) and **Robotics** 





### Ships As A Service" ("SAAS")

The service will operate on a time-charter basis and include a full-service package encompassing remote monitoring control, energy bunkering, cargo and port handling, maintenance, and data gathering. The X-Barges are supported by integrated green port infrastructure and enabling bunkering systems, energy inland seamless operations along waterways. The first vessels are expected to be operational by Q3 2026, delivering sustainable and efficient logistics for cargo owners and operators.



#### **Benefits**

- Sustainable
- Tackles crew shortages
- Modular energy packs
- Energy efficient design
- Futureproof design
- Reduction/elimination of human error
- Standardisation of risk

Main beneficiaries: Shipping companies, logistics providers, freight forwarders



Technology readiness level: TRL9 Implementation stage: Market ready







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# Would you like to know more? Take contact:

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