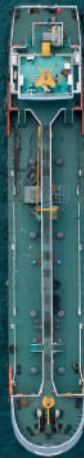


blue**e**barge

Innovative **power-barge** solution



Co-funded by
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BlueBARGE is a **modular, scalable and flexible electrification solution** for small and large ports seeking rapid **emissions reduction** beyond the quay, avoiding fixed infrastructures at piers.



Designed for

● Anchored Vessels

Deliver electricity to anchored vessels offshore via power barge, ensuring a continuous and monitored power supply

● Moored Vessels

Provide electricity to moored vessels via power barge, especially in ports lacking infrastructure or to supplement existing systems

● Isolated inhabited areas

Support isolated seaside regions or islands with underdeveloped local power grids

● Leisure boats along the coast

Provide clean electricity for leisure boats in popular nautical tourism hubs

● Offshore platforms

Electrification solution to power offshore oil and gas platforms, reducing reliance on diesel engines

● Emergency response after natural disaster events

Enhance recovery by ensuring a reliable power supply in the aftermath of natural disasters

● Environmentally critical areas

Provide clean electricity, enhancing sustainability and environmental preservation

● Small transportation vessel

Provide a reliable source of electricity to vessels, ensuring decarbonization of Inland Waterborne Transport

● Charging from offshore power plants

Act as an energy storage solution for offshore power plants in cases of excess power generation

● Charging from anchored vessels

Capturing excess power from ship generators operating at optimal efficiency, reducing energy losses and improving overall performance

Why it matters for ports and terminals?

BlueBARGE delivers flexible offshore power where traditional shore power infrastructure is limited, unavailable, or too costly to install.

By supplying **stored electricity** it enables anchorage decarbonisation, reduces emissions beyond the quay, and supports ports in meeting environmental and regulatory targets.

Its **modular design** allows rapid deployment, scalable capacity, and adaptation to evolving operational needs, without major onshore investments.

BlueBARGE strengthens energy resilience, enhances safety through controlled offshore power supply, and provides ports with a practical, **future-ready solution** for sustainable growth.



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