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Consortium



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BlowProjectEU



Black sea floating Offshore Wind

Unlocking the Black Sea's floating offshore wind potential



BLOW Project: Pioneering Floating Offshore Wind Energy

AIM: To harness the vast, untapped potential of floating offshore wind energy in the Black Sea, propelling us towards a cleaner, more sustainable future.

INNOVATION: Introducing a groundbreaking, cost-efficient floating integrative unit design optimized for low and medium wind speed areas, setting a new standard in renewable energy.

DEMONSTRATION: Implementing a 5 MW demonstrator in the Black Sea, marking a significant step towards industrial mass production and large-scale deployment of floating offshore wind farms.

IMPACT: Targeting an expected LCOE (Levelized Cost of Energy) of 87€/MWh by 2028, reducing environmental impact by 40%, and fostering societal acceptance and cross-border policy development.

COLLABORATION: A robust partnership of leading European companies and universities, combining expertise in renewable energy, engineering, and environmental science.



Timeline



What is BLOW?

BLOW is an EU-funded project that aims to unlock the floating offshore wind potential of the Black Sea by designing, deploying and testing a 5 MW floating wind turbine with a disruptive and cost-efficient pyramidal design. BLOW will also develop scalable and industrialisable solutions for larger floating wind turbines, up to 20 MW, to accelerate the energy transition and reduce the environmental impact of the region.

Why BLOW?

The Black Sea region has a huge potential for offshore wind, but it is still heavily dependent on fossil fuels.



Want to know more?

Visit our website: www.blow-project.eu