

Alternative propulsion system for manoeuvrability

Sector: Marine monitoring & surveillance

Short description of the needs:

Challenge: The company has developed an innovative cycloidal propulsion system enabling vessels for unprecedented maneuverability on 360°. The technology has been validated at TRL 6. The challenge is to advance the TRL through tests for safety and surveillance purposes on vessels and drones.

Objective: The company wants to validate the solution in an operative environments and is looking to test the solution on larger crafts, more than the current 6m experimental boat, and in different configurations such as underwater or surface drones. The focus is to implement new pilots.

Cooperation opportunities: The company is looking for end users, i.e. operators of vessels or drones interested in proceeding with collaborative research and development activities targeted at realizing a new prototype of propulsion system and of vessels and test them in real environment.

More info: For more information, please contact carlo.kraskovic@marefvg.it or alessandro.bosco@marefvg.it

Point of contact for the brief/challenge: Maritime Aerospace Renewable Energies Technology Cluster FVG

Company position in the value chain: Tier 1