Thematic suggestions

All topics from Blue Cluster's roadmaps are eligible for support. Below you can find a number of suggestions identified by our members and partners.

Feasibility studies, ICON, R&D, pilot projects, TRL8 projects
- Foreshore sediment stabilisation
- Hinterland drainange
- Geo-engineered ecological profiles
- Maritime and marine security
- Ecosystem / habitat restoration (offshore/nearshore)
- Sustainable and ecological, i.e. environmentally friendly lubricants (incl. water)
- Integration of offshore hydrogen production with renewable energy sources at sea
- Smart critical components that can withstand challenging sea conditions
- Offshore energy storage solutions
- System integration and grid balancing from voltage control interactions, grid forming technologies and ancillary services
- Reducing the noise footprint of renewable energy installations: noise reduction approaches to protect marine life
- Lightweight modular structures and flexible energy conversion co-design of offshore floating PV integrated with offshore wind
- Impact on investments and operations of cross-border coordination of offshore grid operations in different designs for day-ahead, intraday and ancillary markets
- Connectivity: estuary shipping
- Electrically powered tugs
- CO_2 transport via barges
- PFAS issues in relation to water: testing innovative techniques, pilots at specific sites
- Pollutants in wastewater
- Berth management automation
- Demand-driven valorisation of algal biomass
- POC around bunkering alternative fuels
- Water parameter sensing in sustainable fisheries and aquaculture
- Valorisation of residual flows through the linking of production systems
- Mariparks
- Bioprospecting

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- Artificial intelligence within a specific Blue Cluster focus area
- Regenerative tourism and naturalness/ecosystem restoration on the coast onshore: Landscape led design, nature inclusive design, New Bauhaus (aesthetics, inclusivity and sustainability)
- Pollution of rivers and ports
- Water parameter sensing in sustainable fisheries and aquaculture

- Foreshore sediment stabilization
- Hinterland drainage
- Maritime security
- Ecosystem / habitat restoration (offshore/nearshore)
- Bioprospecting
- Straight-through digitisation of wind turbine/park LCOE analysis and optimization
- Electrical system integration on energy islands
- Valorisation of residual flows through the linking of production systems
- Water parameter sensing in sustainable fisheries and aquaculture
- Demand-driven valorisation of algal biomass