

PPPA CALL FOR PROPOSALS

Pilot Project: Fostering
energy transition in the
fisheries sector

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Pilot Project on a demonstrator fishing vessel to promote energy transition in the fisheries sector



Call open:
20.02.2024
Call closes:
11.06.2024



Call budget:
€2 200 000
Co-funding
rate: 80%



Projects
expected: 1
Minimum
partners: 2



Geographical
focus: EU

Call Objective



To demonstrate feasibility of using alternative propulsion technology(ies) and / or other solutions, including digital, to improve the energy performance



To fill gaps in information and knowledge on the potential for, and compatibility of, technologies for the fishing sector



Where possible, the action should also support the reduction of underwater noise that affects species, such as marine mammals.



This call for proposals aims to finance a demonstrator fishing vessel of 12m or more in length, which will be used to carry out testing of different alternative propulsion, energy performance and emissions reduction technologies, including digital. The existing vessel will be retrofitted with the most promising of these technologies



Themes & priorities

- Exploring compatibility of innovative and mature technologies and solutions
- Demonstrating viability of low carbon and energy efficient technologies and their impact on the operation and environmental performance
- Filling knowledge gaps
- Increasing fishers' awareness and interest.

Activities

Assessment of feasibility and scope of the test

- Baseline
- Feasibility, scope and best cost-benefit ratio



Testing

- Vessel's energy savings, safety, envi performance
- Compatibility of alternative propulsion & onboard systems
- Sea trials

Feedback & Recommendations

- Using analyses of the results from retrofitting

Retrofitting

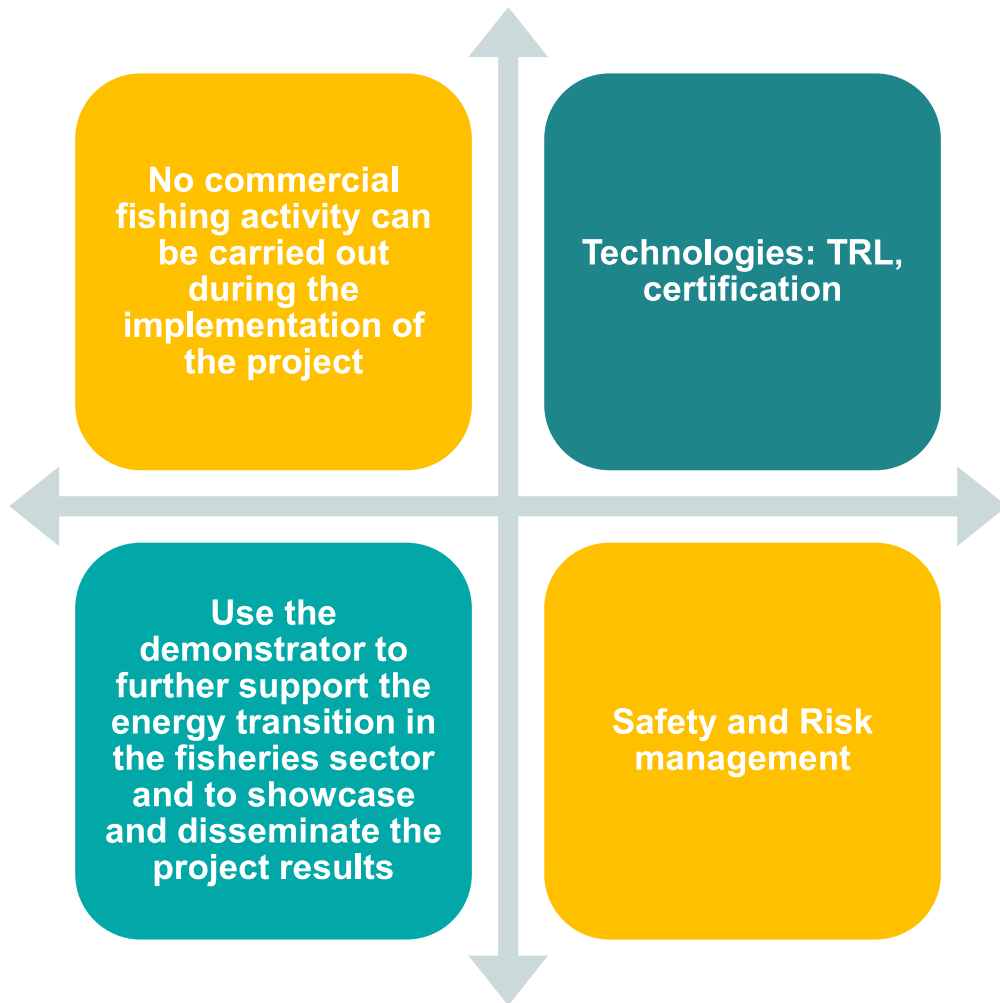
- Development of the concept and design for the retrofit
- Retrofit of an existing fishing vessel

Communication & Legacy Strategy

- Communication strategy
- Vessel's use as a demonstrator after the pilot project concludes

Additional requirements

Other requirements



Technical requirements (vessel)

- 12m+ ready to become demonstrator (active/non-active)
- Existing demonstrator 12m+ diesel engine
- Relevant legal and administrative procedures vessel as a demonstrator
- Activities and retrofitting of the vessel should not result in any increase in fishing capacity of the vessel
- Retrofitted vessel will not re-enter the fishing fleet after the end of the project



Impacts

**Viable solutions:
To Develop &
Demonstrate**

**Increase
knowledge:
Challenges, benefits
and impacts**

**Raise
awareness:
Alternative
technologies &
Energy sources**

Indicators

Proposal should include a **list of relevant indicators** including: Baselines, estimated targets and measurement methodology.

Examples:

- Number of different technologies/innovations used
- Number and type of studies/tests carried out
- Well-to-wake: Tons of CO2 equivalent avoided
- % of reduction of underwater noise
- Number of communication campaigns



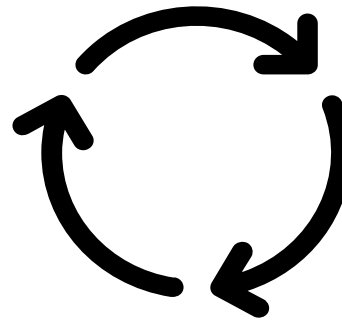
Synergies

EU Horizon Europe

- **Mission Ocean** Lighthouse in the Baltic and the North Sea basins - Lighthouse in the Baltic and the North Sea basins - Green and energy-efficient small-scale fishing fleet: 3 projects to be launched soon.
- **Partnership on Zero Emission Waterborne Transport** : FASTWATER , FLEXSHIP

EU Innovation Fund

- FirstBio2Shipping



Other applied/applicable technical solutions:

- MDV-1, Immanuel, Karoline, Project Sailfish, eSAIL® system, Loran, Endeavour

EU LIFE

- LIFE21-ENV-DE-LIFE-OCEAN/101074503
- LIFE18 ENV/FR/000308

INTERREG

- WASP project

General eligibility criteria

Eligible participants

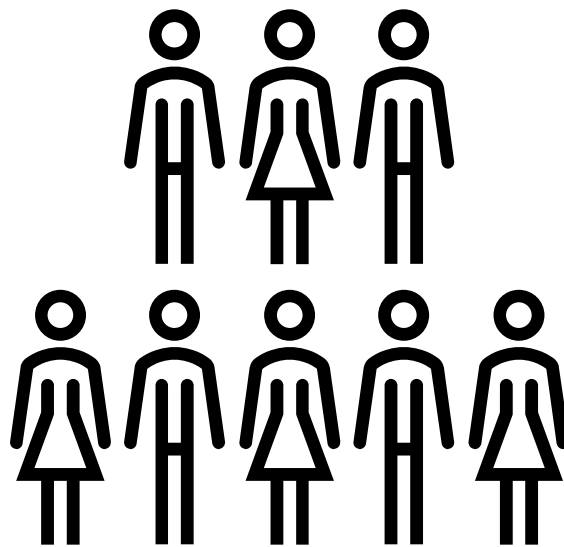
All applicants must:

- Be legal entities (private or public bodies)
- Be established in an eligible country
 - EU Member States (including overseas countries and territories)

Please check all eligibility criteria in section 6 of the call document!

Consortium composition

- At least **2 applicants**
- At least **2 EU Member States**
- **Coordinator** from **EU Member State**
- Special condition: at least **1 partner from the fisheries sector**



Other relevant entities encouraged: Port Authorities, NGOs, Community-Led Local Development (CLLD), vessel component manufacturers, research centres, SMEs, technology and other value chain providers and developers...

Selection & Award criteria

Selection criteria



- Financial capacity
- Operational capacity
- Exclusion

Please check all requirements in section 7 of the call document!

Proposals – Award Criteria



Relevance



Quality

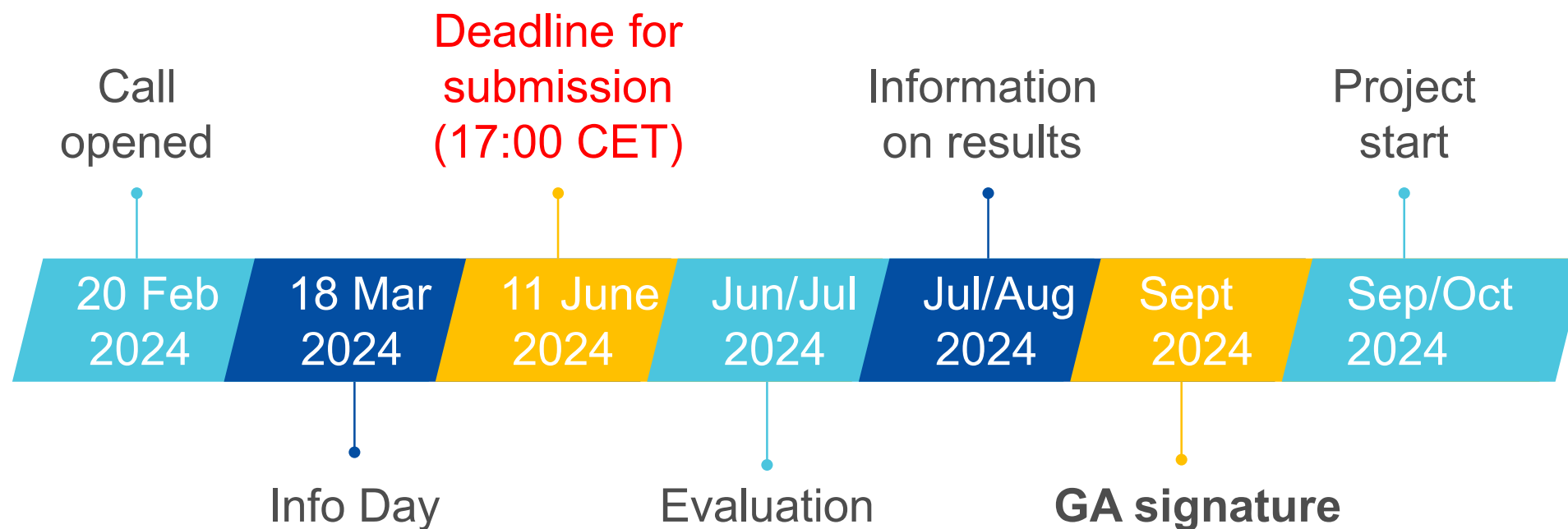


Impact

Max. 10 points per award criterion
Min. 6 points per criterion & 21 points overall

Please check all award criteria in section 9 of the call document!

Indicative timetable



Expected project duration: 2-3 years