



European flagship Action for coLd ironING in ports



Co-financed by the Connecting Europe
Facility of the European Union

EALING (Studies) Activity 2 presentation

Maritime fleet adaptation

6 May 2021



1

Activity 2 General Description

2

Activity 2 Progress and next steps

3

Workshop expected outcome on
Activity 2

Activity 2 General Description

Partners



Activity 2 - Main tasks

- ▶ Focus on ensuring and facilitating the port to vessel compatibility for OPS adaptation
- ▶ Identify and study the electrical standards and regulatory framework on an ad-hoc basis as per port/vessel

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- ▶ Study several scenarios (various arrangements / different vessel types)
- ▶ Recommend best practices for required vessel retrofit under a cost-benefit analysis consideration
- ▶ Provide operational recommendations, taking IMO guidelines as a reference, for a harmonized technical, legal and regulatory framework on fleet electrification adaptation, leading to a final proposal to IMO.

Activity 2 - Main steps to reach the goal

► QUESTIONNAIRES - INTERVIEWS

Detailed research via the formulation of questionnaires distributed to shipping lines, shipowners, classification societies, flag administrations.

- General Info / Fleet Identification
- Technical Data / Power Requirements
- Regulatory / Financial Info

► WORKSHOP WITH SHIPPING LINES/ASSOCIATIONS

Communication channel with Shipping lines and Shipping Associations

- OPS experience so far
- Challenges / Opportunities
- Feedback / Thoughts sharing

Activity 2 - Main steps to reach the goal

► ANALYSIS OUTCOME

Identification of the relevant technical, regulatory and financial elements to facilitate adaptation/connectivity of vessels to shore side electricity.

Activity 2 Progress and Next Steps

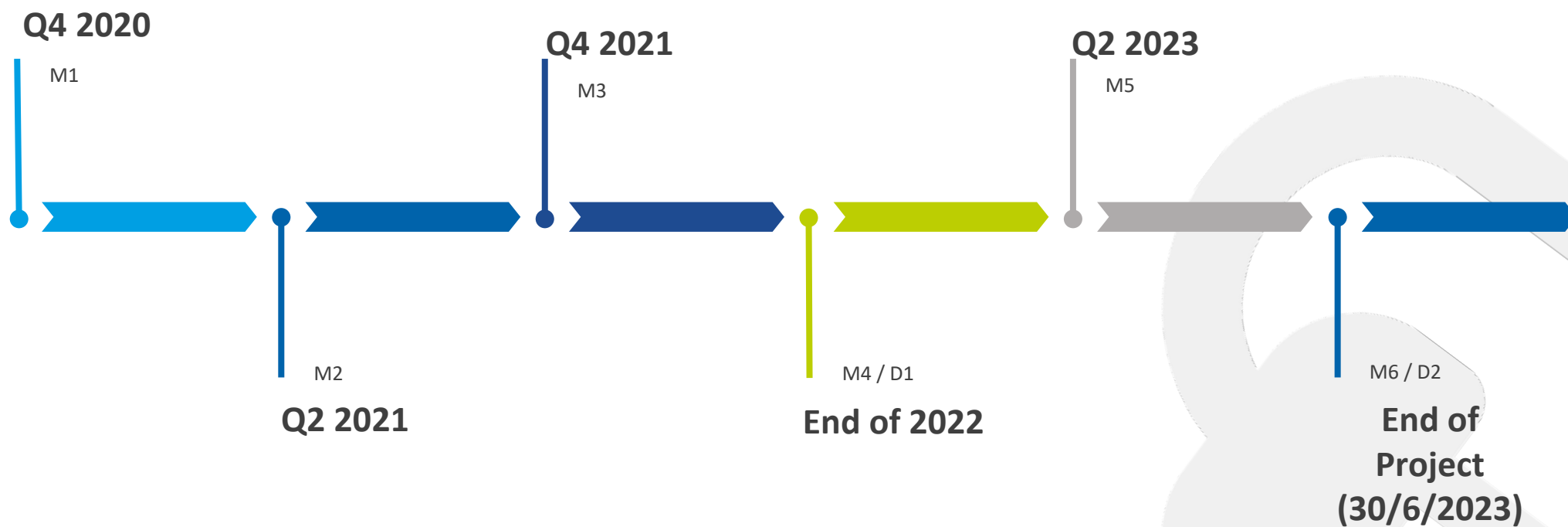
Activity 2 - Milestones & Deliverables

MILESTONES

- M1 - Activity 2 Kick-off Meeting
- M2 - Workshop on the technical, legal and regulatory framework for maritime fleet adaptation
- M3 - Activity 2 Progress Meeting
- M4 - Completion of the analysis of the standards relevant to shipside installation for OPS for the vessels operating in the ports of the consortium
- M5 - Activity 2 Final Meeting
- M6 - Completion of the identification of the relevant technical and regulatory elements to facilitate adaptation/connectivity of ships to shore side electricity

DELIVERABLES

- D1 - Report on the analysis of the standards relevant to shipside installation for shore side electricity supply for the vessels operating in the ports of the consortium
- D2 - Report on the identification of the relevant technical and regulatory elements to facilitate adaptation/connectivity of ships to shore side electricity.





Actions so far:

- Activity 2 KoM to identify tasks / time plan / workflow
- Very close cooperation with Activity 1 to identify relevant tasks between Act.1 & Act.2 / optimize tasks execution / avoid overlaps and create opportunities.
- Completion of the questionnaires for Shipping Lines / Classes / Flags



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Next Steps:

- Beginning of questionnaires distribution
- Questionnaires data collection
- Analysis of data collected
- Act. 2 progress meeting

Workshop expected outcome on Activity 2

What we expect from today's Workshop ?

- ✓ The identification and description of current status regarding technical, regulatory and financial issues related to maritime fleet adaptation of OPS
- ✓ Holistic experience/knowledge sharing by the main users of the OPS systems
- ✓ Recognition of barriers/opportunities from Shipping companies' side
- ✓ Potential further enhancement of the questionnaires before their distribution based on workshop outcome

Thanks!



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Discover more at

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