



European flagship Action for cold ironING in ports



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

EALING (Studies) general overview

Workshop on the technical, legal and regulatory framework for
maritime fleet adaptation

6 May 2021



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EALING Global Project

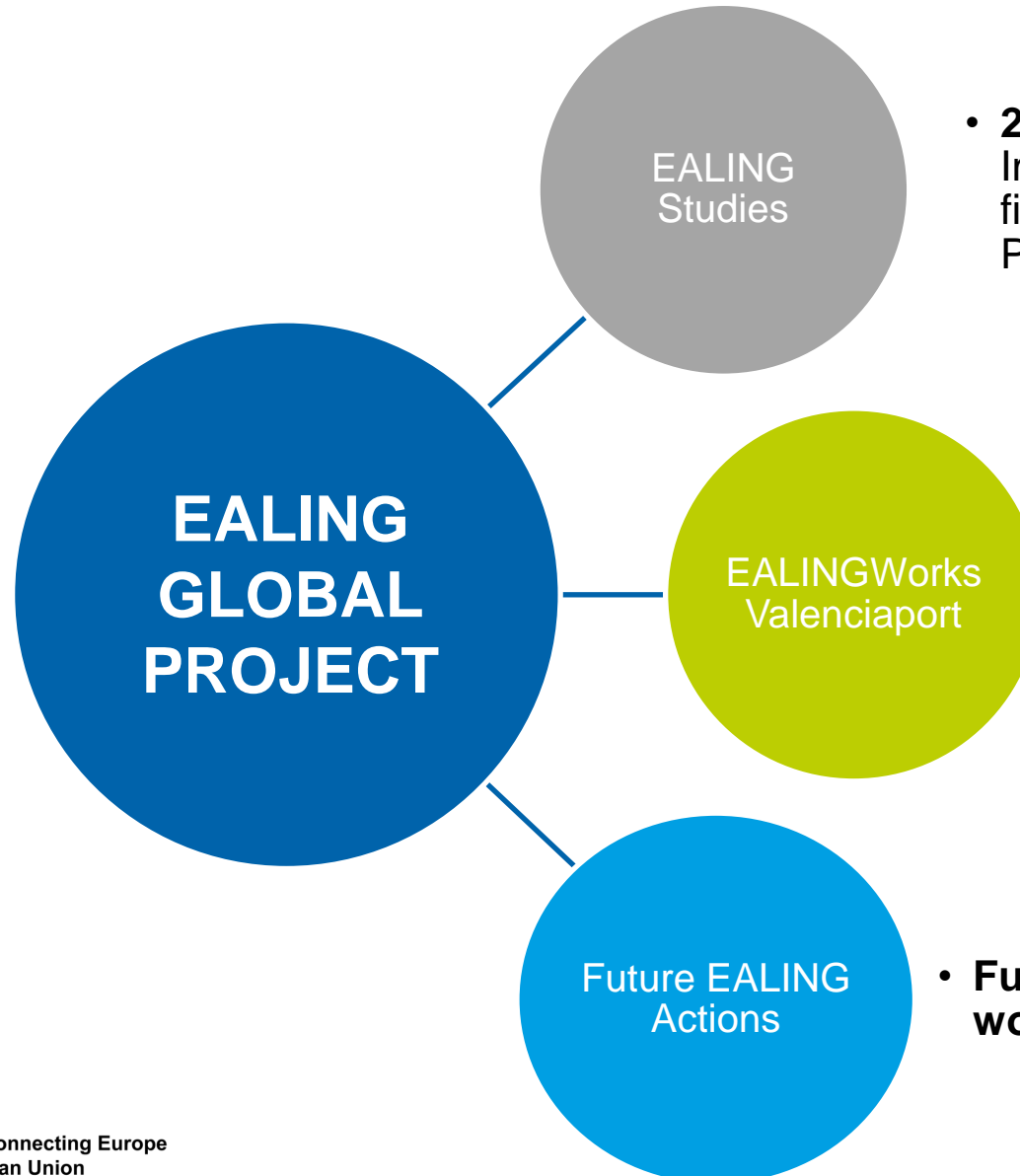
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EALING Studies Action:

- Objectives & Structure
- Partners, Location & Timeline
- Main Tasks & Expected Results

“European flagship
action for onshore
power supply (OPS) in
ports”

Accelerate the
effective deployment
of OPS solutions in EU
maritime ports



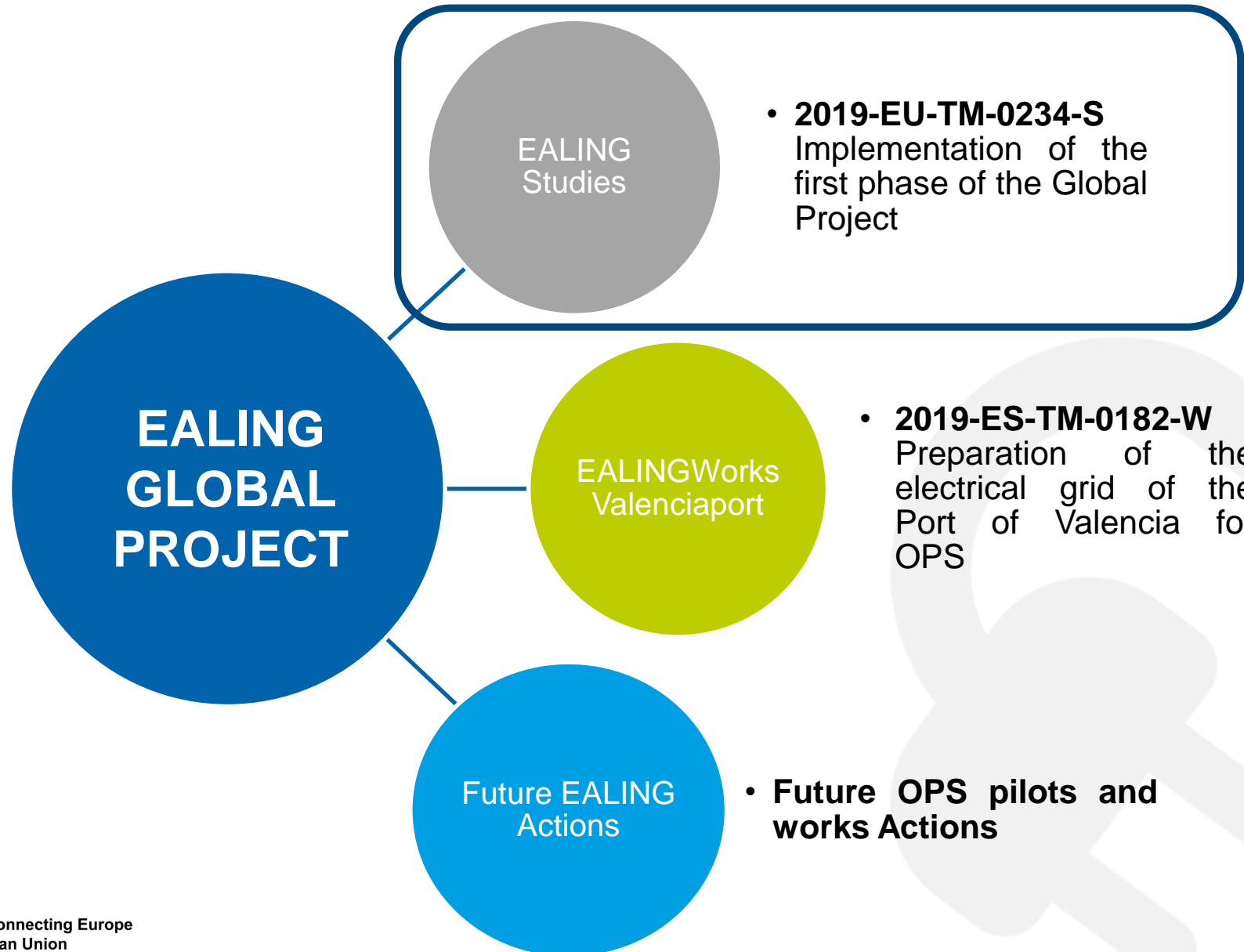
- **2019-EU-TM-0234-S**
Implementation of the
first phase of the Global
Project

- **2019-ES-TM-0182-W**
Preparation of the
electrical grid of the
Port of Valencia for
OPS

- **Future OPS pilots and
works Actions**

“European flagship
action for onshore
power supply (OPS) in
ports”

Accelerate the
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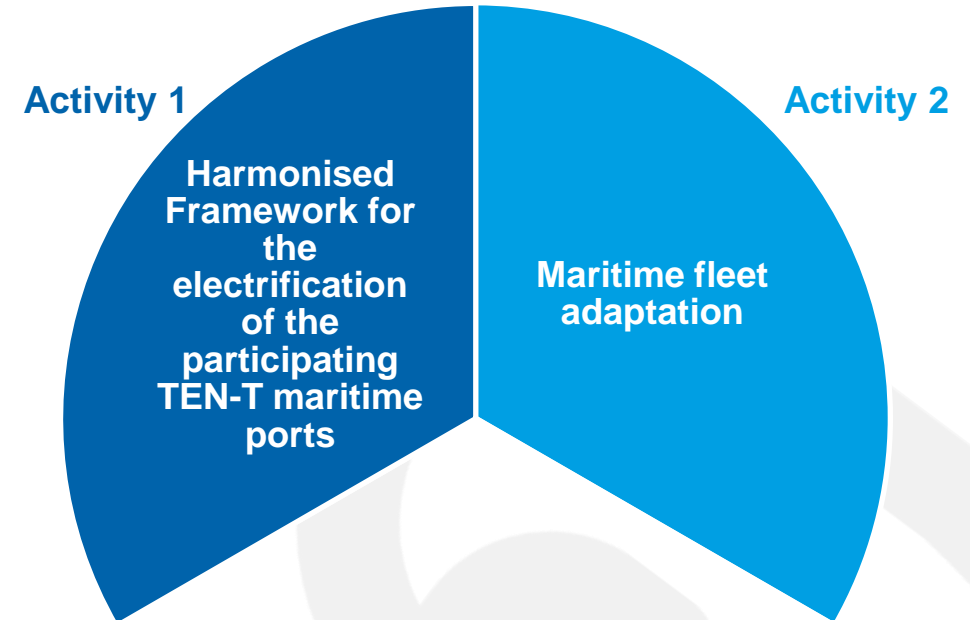


- Ensuring that a **common harmonised and interoperable framework** is brought forward, in line with the EU technical, legal and regulatory framework, in order to facilitate the implementation phase of OPS infrastructure in the ports of the consortium

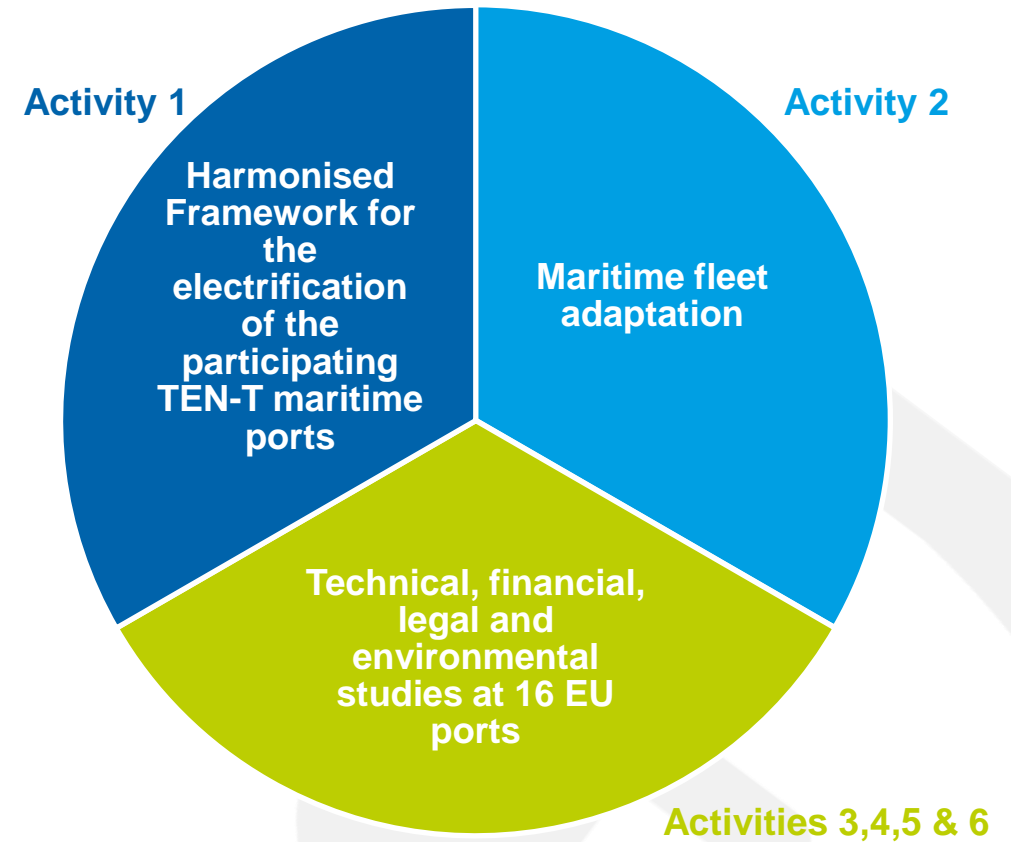
Activity 1

Harmonised
Framework for
the
electrification
of the
participating
TEN-T maritime
ports

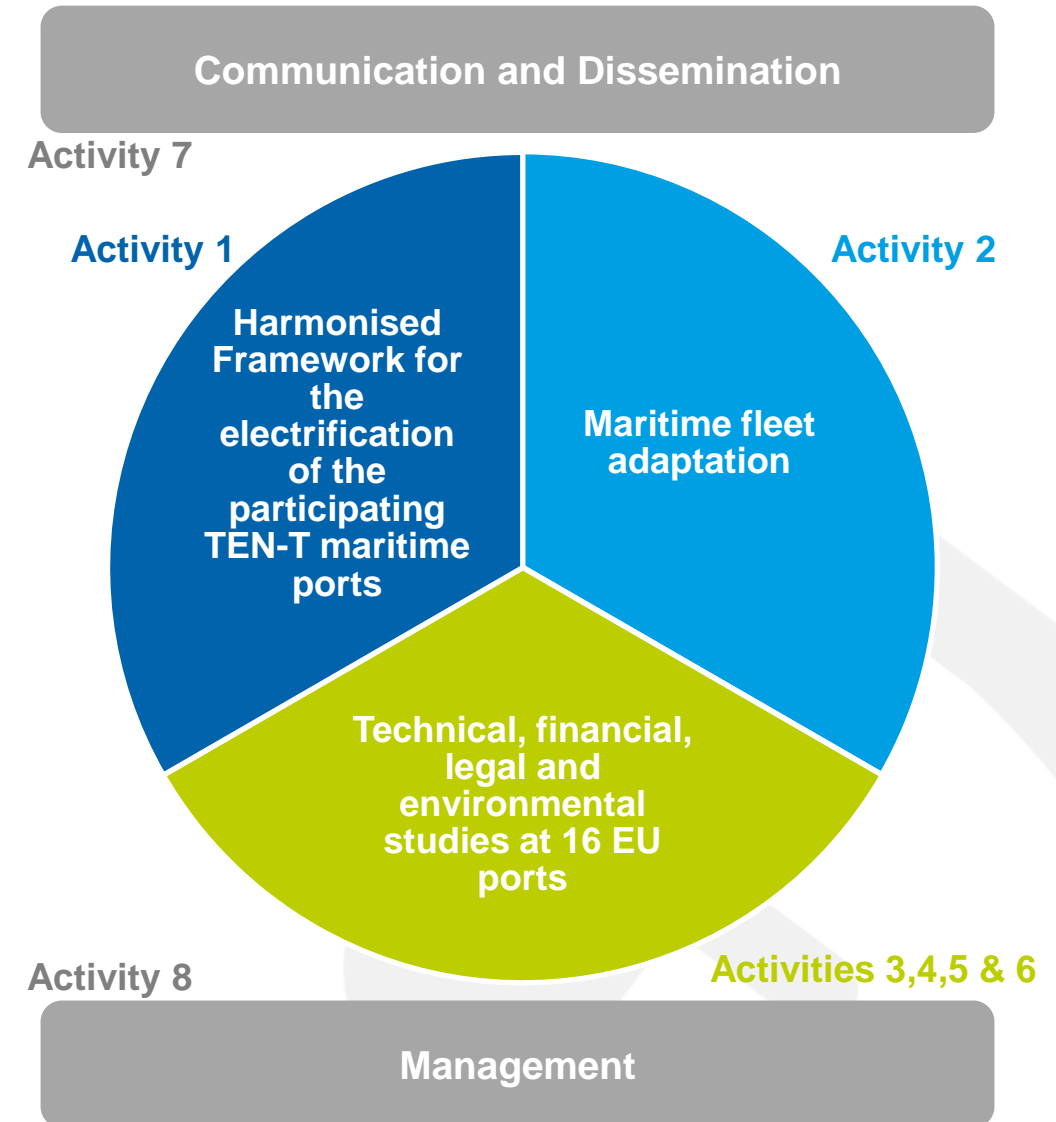
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- Ensuring the **port to vessel compatibility in the TEN-T Maritime Network**, for vessels calling at the ports of the consortium



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- Leading all the **technical, financial, legal and environmental studies** necessary to launch the works for OPS equipment and infrastructure after the end of the Action



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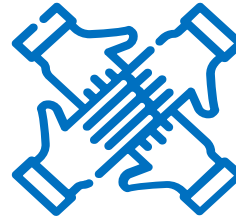
2. EALING Studies Action: Partners, Location & Timeline

22 partners



22 Beneficiaries from 9 EU Member States:

- **13 Port Authorities** (Valencia, Barcelona, Huelva, Gijón, Venice&Chioggia, Trieste&Monfalcone, Ancona, Piraeus, Rafina, Koper, Constanta, Leixoes, Açores)
- **2 Port & Maritime Public Institutions** (Bulgarian Ports Infrastructure Company; Marine Institute)
- **7 Port & Shipping related entities** (Fundación Valenciaport, Circle, Ocean Finance, Symbios Funding & Consulting, Protasis, Hydrus Engineering, Fincantieri SI)





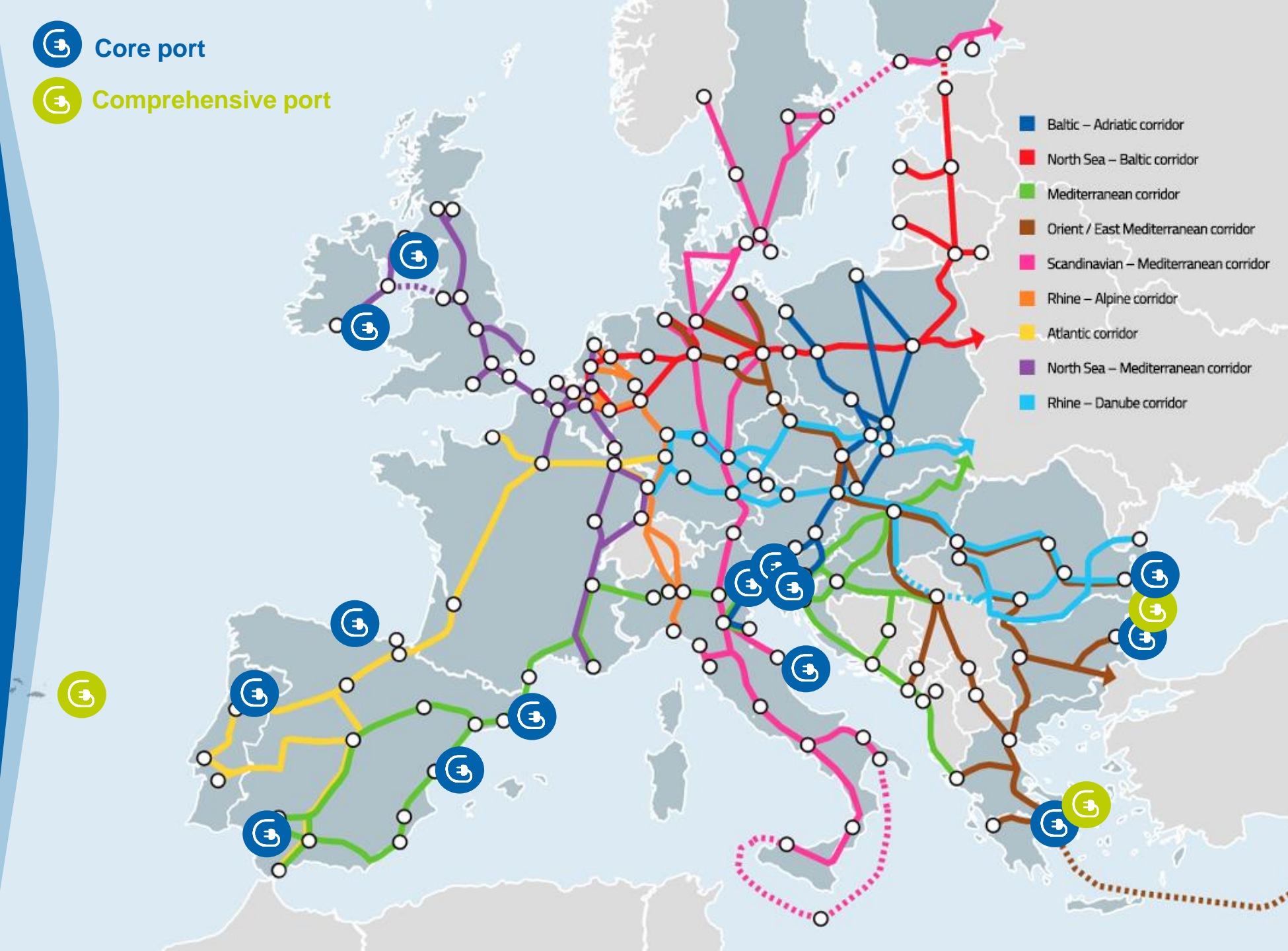
Core port



Comprehensive port

16 EU ports:

- Port of Valencia (Spain)
- Port of Barcelona (Spain)
- Port of Huelva (Spain)
- Port of Gijon (Spain)
- Port of Venice and Chioggia (Italy)
- Port of Ancona (Italy)
- Port of Trieste & Monfalcone (Italy)
- Port of Burgas (Bulgaria)
- Port of Constanta (Romania)
- Port of Piraeus (Greece)
- Port of Rafina (Greece)
- Port of Varna (Bulgaria)
- Port of Koper (Slovenia)
- Port of Leixoes (Portugal)
- Ports of Açores (Portugal)
- Port of Dublin and / or Cork (Ireland)

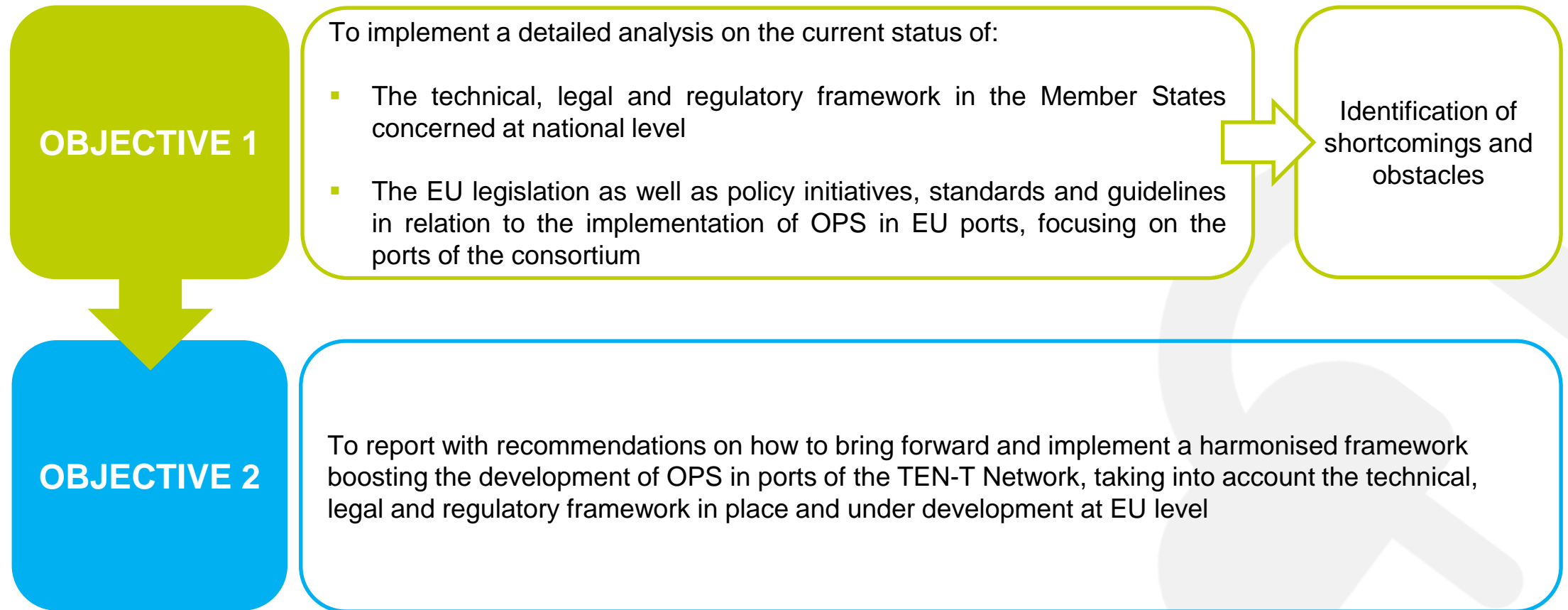


3-year project

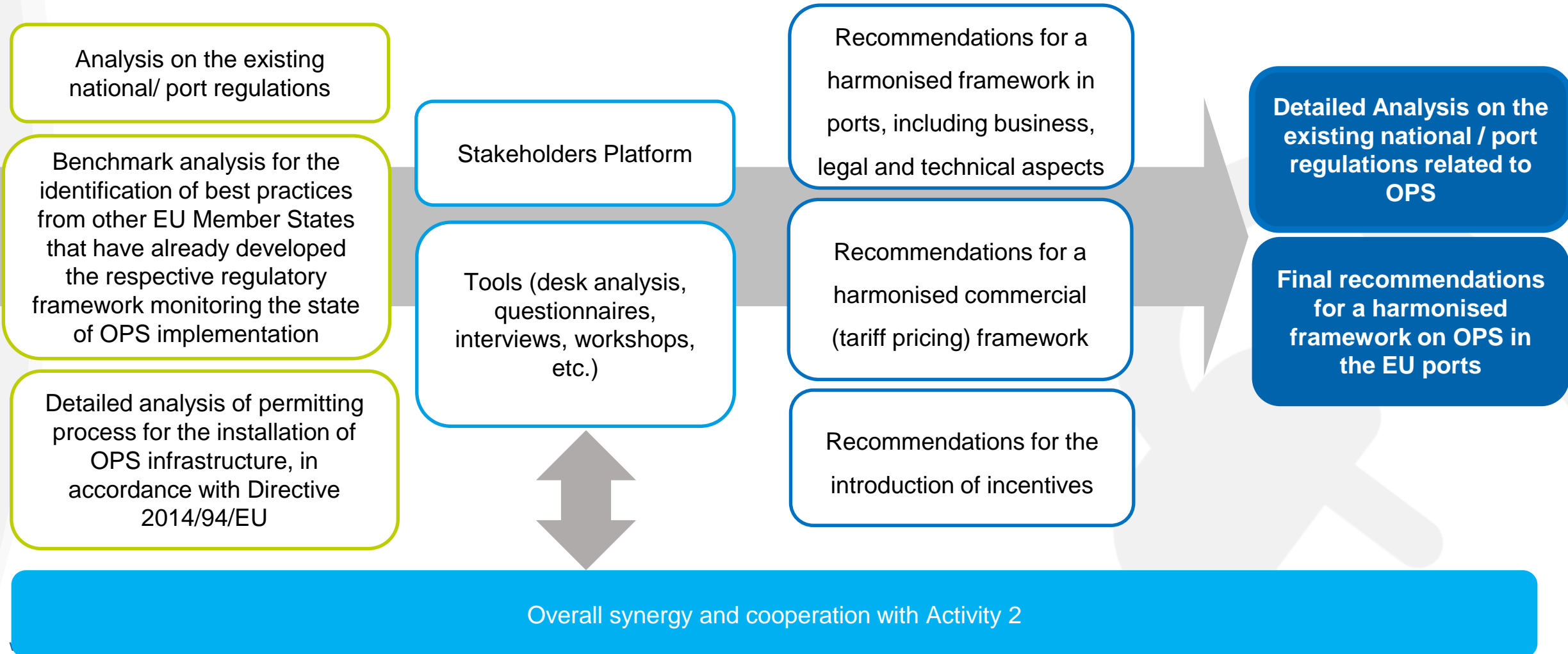


Year	2020							2021												2022												2023						
Activity \ Month	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	
Activity 1: Harmonised Framework for the electrification of the participating TEN-T maritime ports																																						
Activity 2: Maritime fleet adaptation																																						
Activity 3: Technical studies for the electrification infrastructure of the participating TEN-T maritime ports																																						
Activity 4: Environmental studies																																						
Activity 5: Clean power supply plans and tender documents																																						
Activity 6: Cost-benefit analysis and Financial blending schemes																																						
Activity 7: Communication and dissemination																																						
Activity 8: Management of the Action																																						

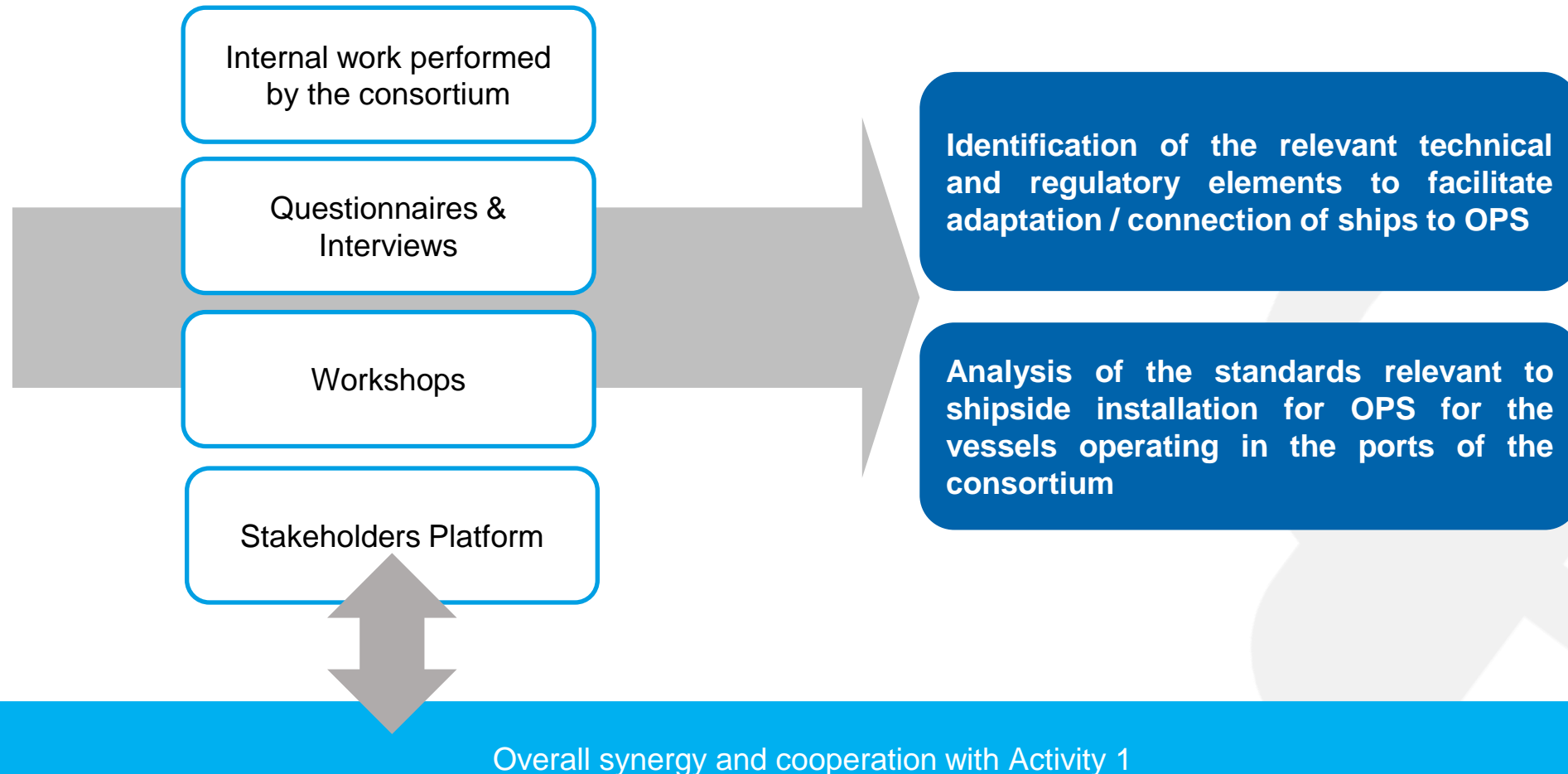
ACTIVITY 1: Harmonised Framework for the electrification of the participating TEN-T maritime ports



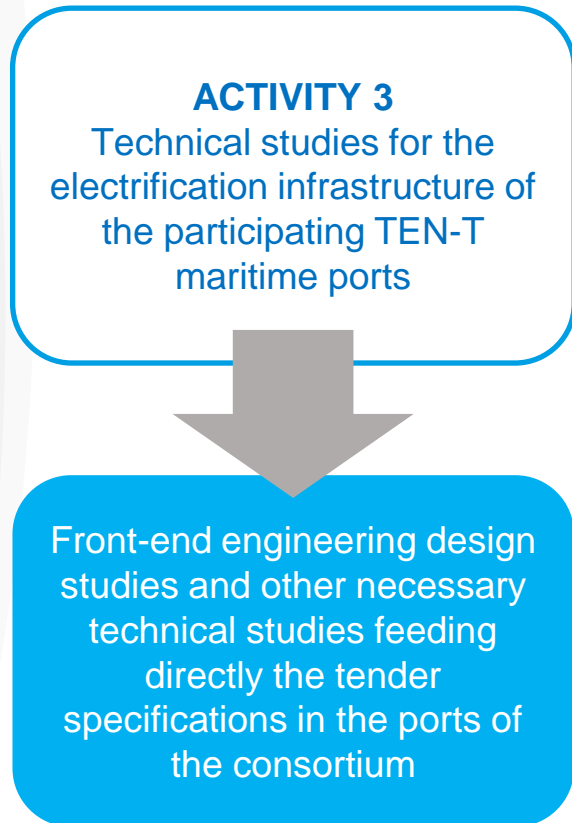
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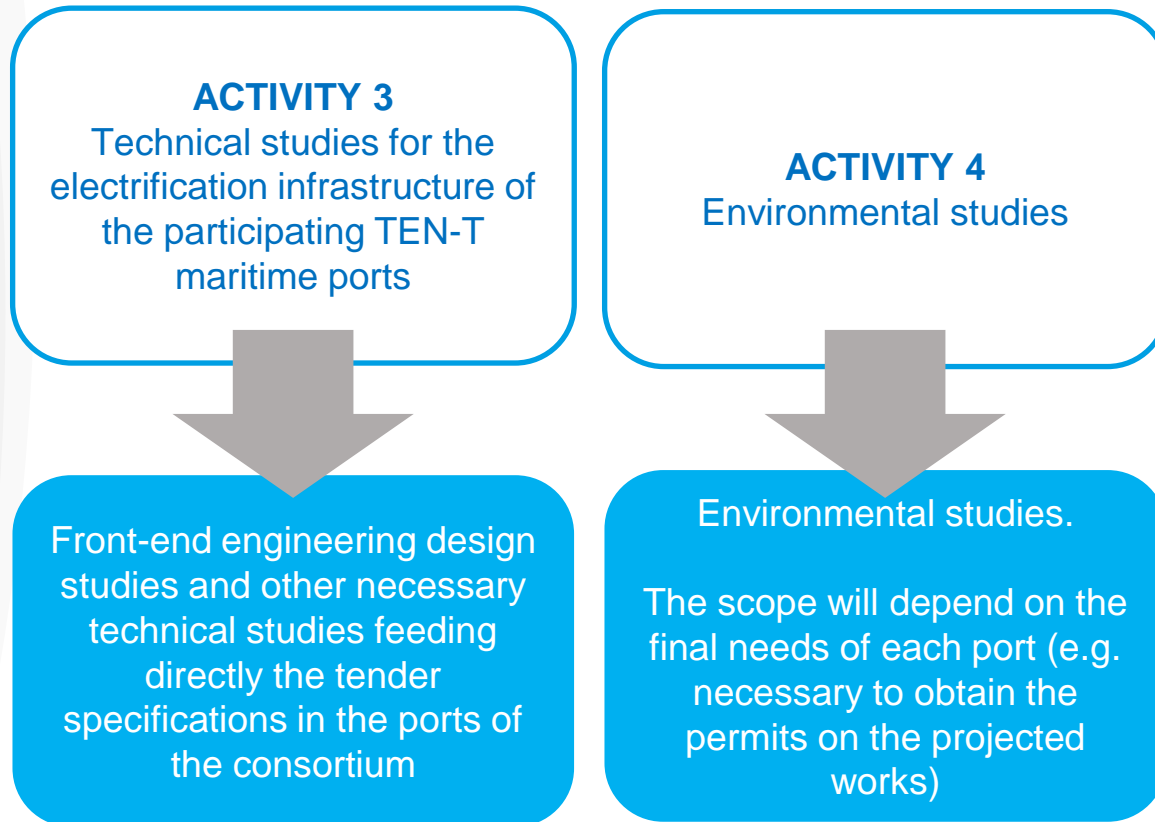
ACTIVITY 2: Maritime fleet adaptation



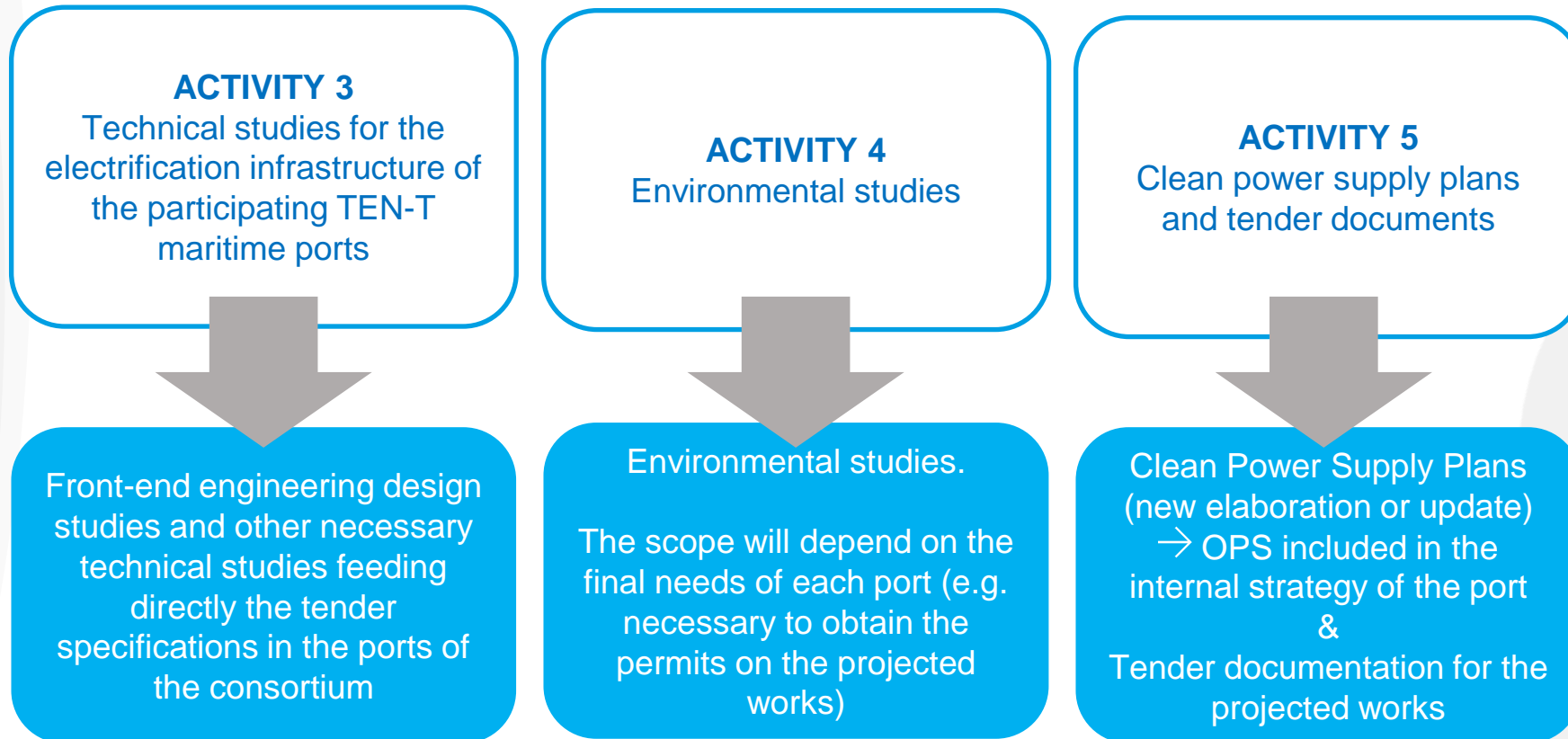
ACTIVITIES 3, 4, 5 AND 6: Technical, financial, legal and environmental studies at 16 EU ports



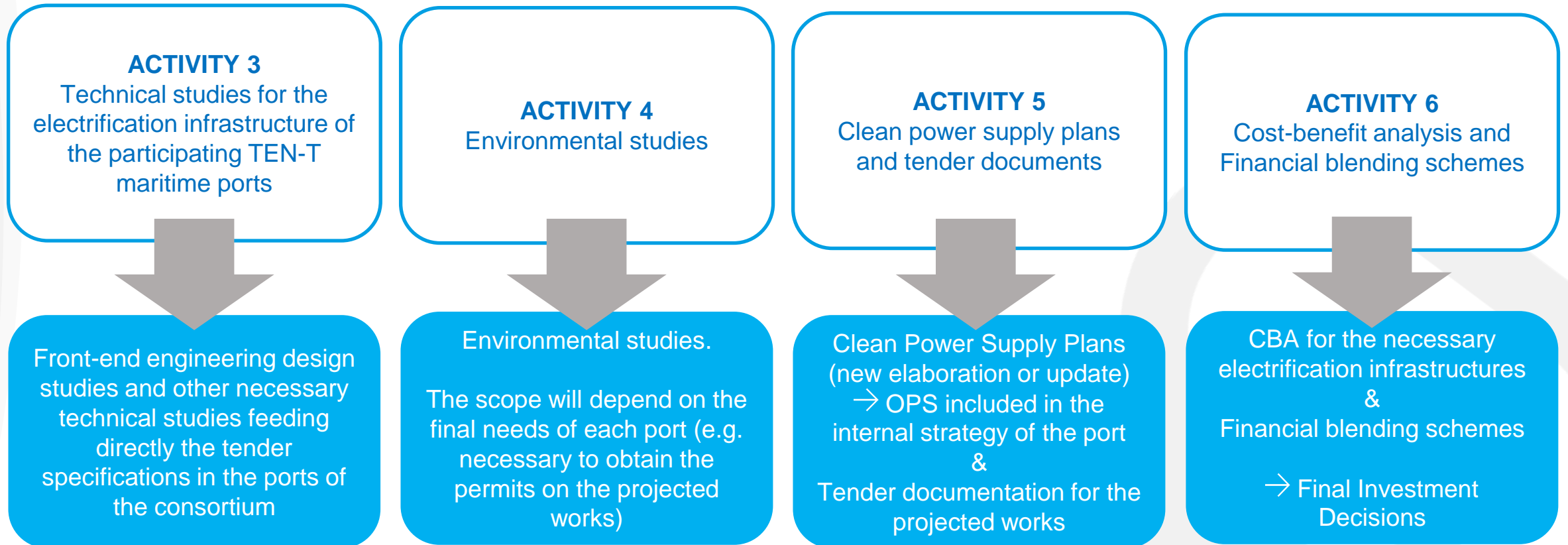
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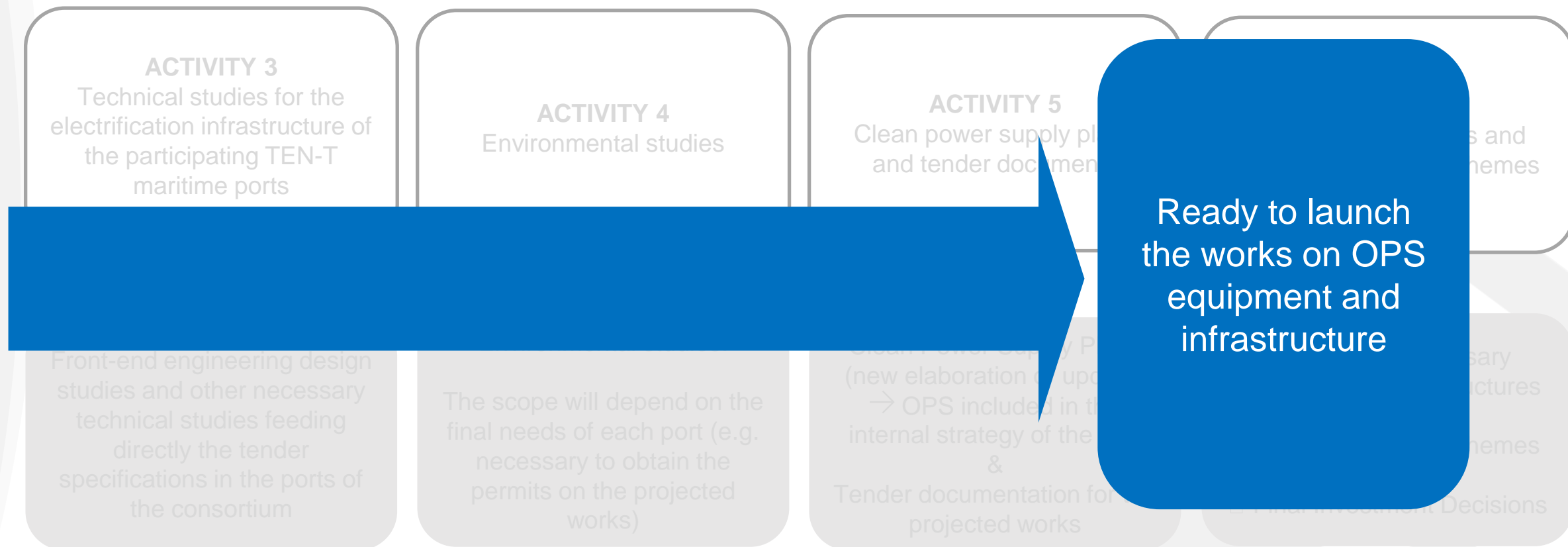
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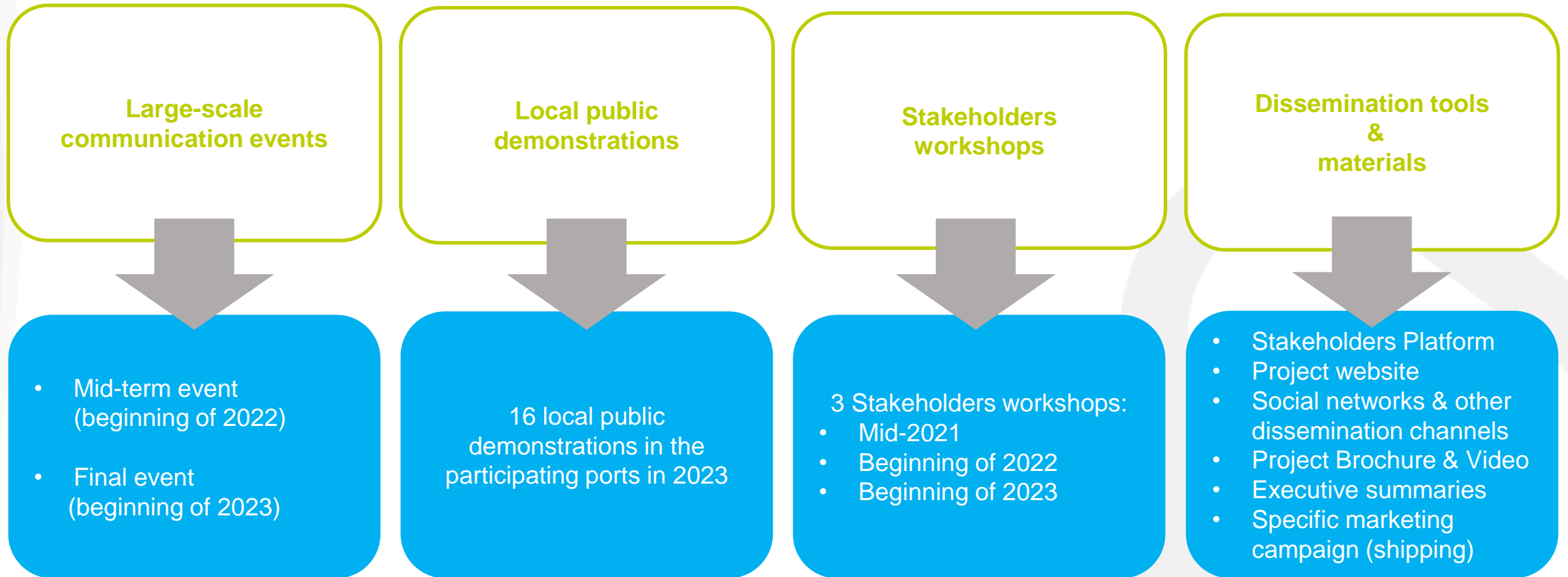
ACTIVITIES 3, 4, 5 AND 6: Technical, financial, legal and environmental studies at 16 EU ports



ACTIVITIES 3, 4, 5 AND 6: Technical, financial, legal and environmental studies at 16 EU ports



ACTIVITY 7: Communication & Dissemination



Thanks!



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Contacts

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Discover more at

www.ealingproject.eu



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