



Zero-Emission Shipping Mission

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International public-private partnership to decarbonise shipping

Co-leads

- Denmark
- United States
- Norway
- Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping
- Global Maritime Forum

Core Mission Members

- Morocco
- The United Kingdom
- India
- Singapore
- Australia

Mission Support Group

- France
- Ghana
- South Korea
- European-Kommission



Goals



Ships

New deep-sea ships on zero emission fuels are produced at same price (max +5%) as comparable fossil ships.

→ *By 2030, at least 200 of these ships to primarily use these zero-emission fuels across the main deep sea shipping routes.*



Fuels

Prices (incl. policy support) on some zero emission fuels are at max 10-20% more expensive than fossil fuels.

→ *By 2030, at least 5% of the global deep-sea fleet measured by fuel consumption to be made of ships capable of running on well-to-wake zero-emission fuels.⁴*



Fueling Infrastructure

Large global trade ports need to be able to supply zero-emission fuels for ship owners to use and rely on when investing in ZEVs.

→ *By 2030, 10 large trade ports covering at least three continents supply zero-emission fuels.*

Roadmap & Action Plan

Roadmap

1. From Mission goal to industry level innovation needs

- Industry and Mission member engagement to identify **120 innovation gaps** in **5 groups**:
 1. Safety & operational risk management:
 2. Policy & regulation
 3. Market development, business models & financial innovation
 4. Technology development & adaptation
 5. Market analysis
- This will guide which activities the Mission will choose to prioritize in the **Action Plan**

Action Plan

2. From industry level innovation needs to Mission-driven activities



Blue Print for Future Ports programme

Aim of the programme:

- Demonstrate what a commercially viable zero emission port will look like
- Tool-box for decision makers and investors

Mapping and pilot projects:

- Green Corridors and Ports Network
- Port Connections

The green transition in the Arctic



A place to start is to look into

- ❖ Energy Efficiency
 - Both existing ships and new built
- ❖ Range optimization and efficiency in operations
- ❖ Green corridors?

Want to know more?

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