

# 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







# Fueling Infrastructure

#### **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 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

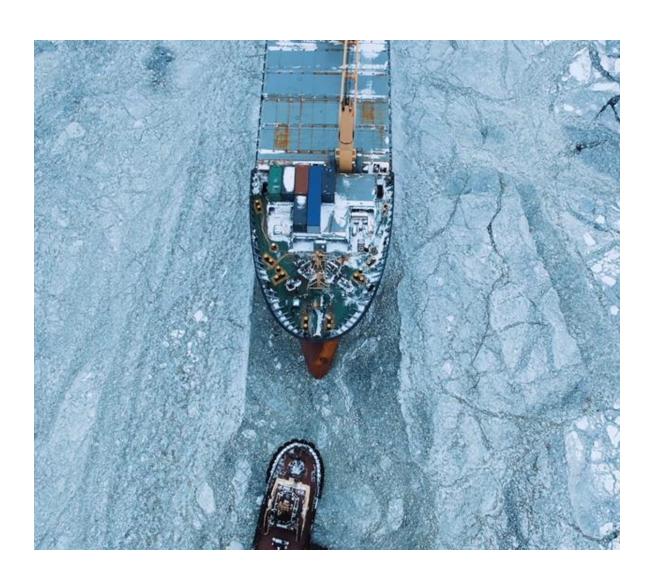
#### Aim of the programme:

- 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?

#### LinkedIn:

Home page:

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