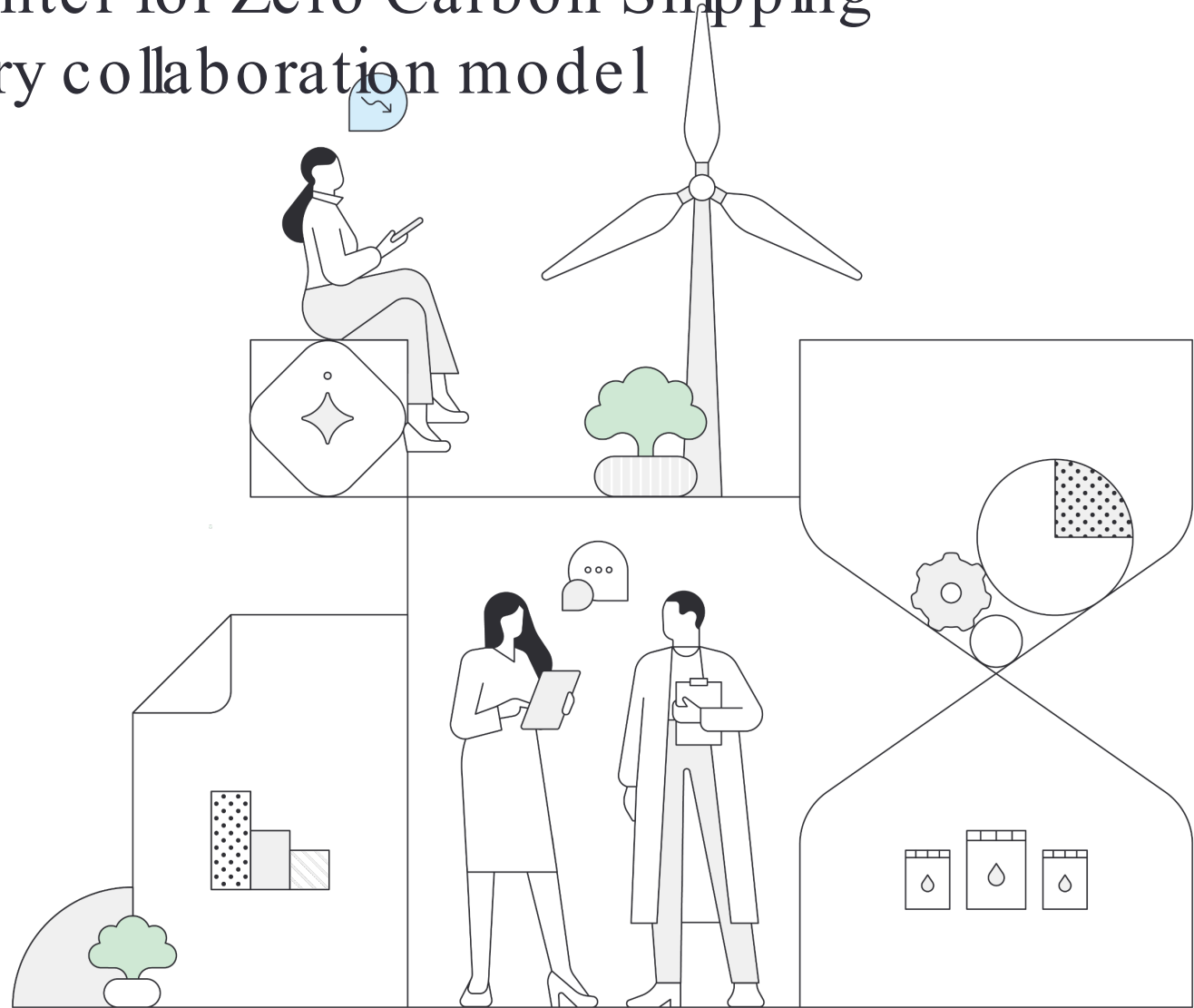


Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping

Introducing a transdisciplinary collaboration model

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Mærsk Mc-Kinney Møller Center
for Zero Carbon Shipping

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With 100.000 commercial vessels consuming ~ 300 mTons fuel p.a. global shipping accounts for around 3% of global carbon emissions.

Decarbonizing the maritime industry requires new fuel types and a systemic industry-wide transformation.



The Mærsk Mc-Kinney Møller Center for ZeroCarbon Shipping

- we show the world it is possible

Our vision

A decarbonization of the global maritime industry by 2050

Our mission

To be an independent and significant driver of a sustainable maritime decarbonization



Not-for-profit

Any donation or earned profit is used to pursue our objective

Independent

We collaborate with key players across the value chain but are independent and technology agnostic

Science-based

We explore viable decarbonization pathways and base our positions on data and scientific methods



Center activities focus around four areas where accelerated action is needed within the next decade to make the zero target in 2050



Alternative fuels available at scale

- Identify technological, regulatory and commercial barriers and gaps for introducing alternative fuels and propose mitigating solutions
- Align and advice industry on using alternative fuels and accelerate establishment of required standards and policies
- Assess alternative fuel pathways from an end-to-end life cycle assessment perspective
- Select and drive key development, demonstration and regulatory projects and activities



Energy efficiency across the value chain

- Quantify energy efficiency's emissions reduction potential
- Illustrate digitalization's role in driving energy efficiency (e.g., voyage optimization)
- Influence policy makers in articulating energy efficiency's decarbonization role
- Showcase new business models resolving systemic barriers
- Accelerate new technology development



A level playing field with global regulation

- Create the regulatory framework to enable first mover projects and Green Corridors around the globe.
- Help creating the policy framework needed to upscale first mover projects to the volumes needed to decarbonize the whole global industry.
- Engaging regulatory stakeholders along the whole value chain from all sectors, including policy, business, academia, NGOs.
- Advocating decision makers at international level like IMO, at regional entities like the EU, at national and at local level.



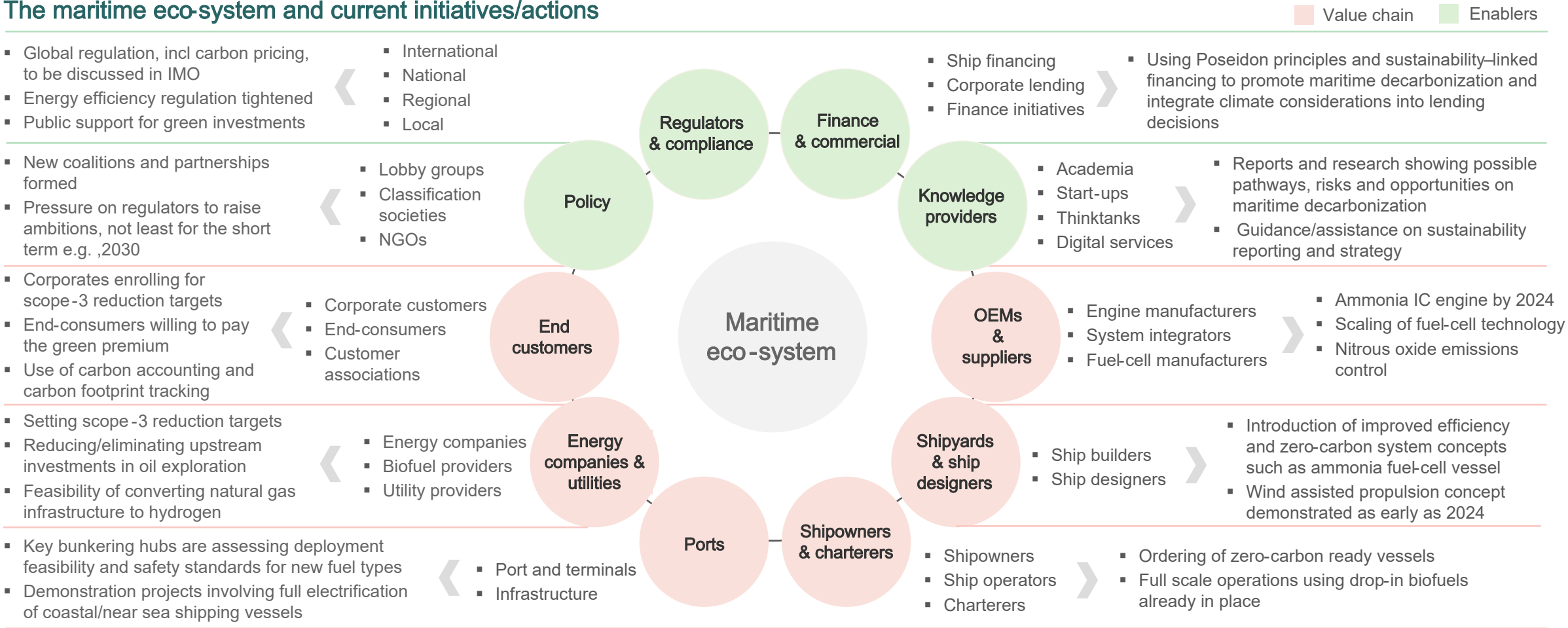
Support to first movers.

- Contribute to the definition and description of First Movers and Green Corridors
- Reach out to the first movers in the global shipping industry, relevant authorities and governmental bodies to activate the green transition
- Participate in projects at the relevant involvement level, to contribute and deliver the necessary projects for the green transition
- Activate the technical insight from Center employees and partners at all levels



Today, across the maritime ecosystem actions are taken, and initiatives stand ready to be launched

The maritime eco-system and current initiatives/actions



Our Partners are leaders of decarbonization: All share the NetZero vision and are committed to collaborative climate action

Energy, Fuels,
Technology,
Infrastructure

Ship owners &
Charterers

Cargo Owners

Knowledge, Policy,
Regulation,
Authorities, Class
Societies



Mission Ambassadors are committed to the Center Mission and Vision.

32 Mission Ambassadors



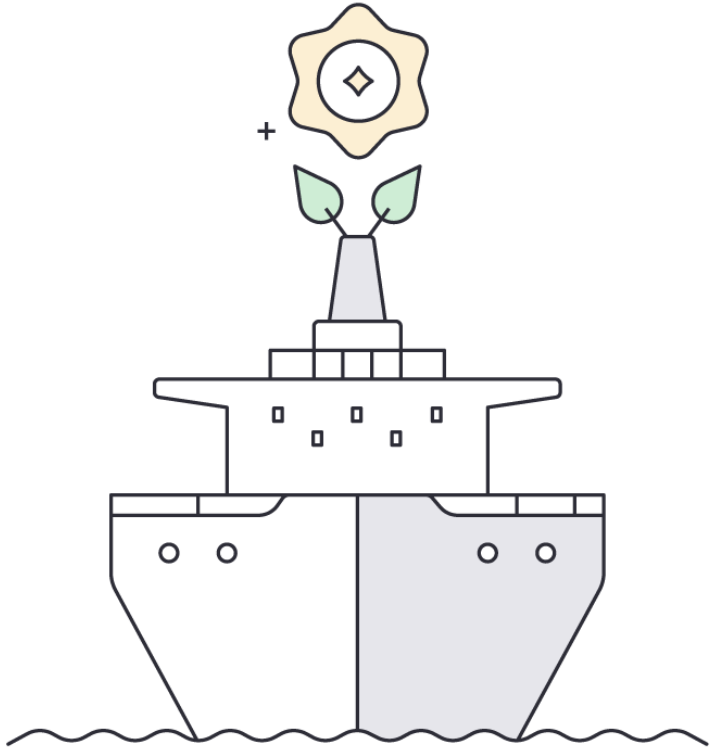








Thank you.



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