



Ministry of Transport  
and Communications

# Towards low emission shipping through global partnerships

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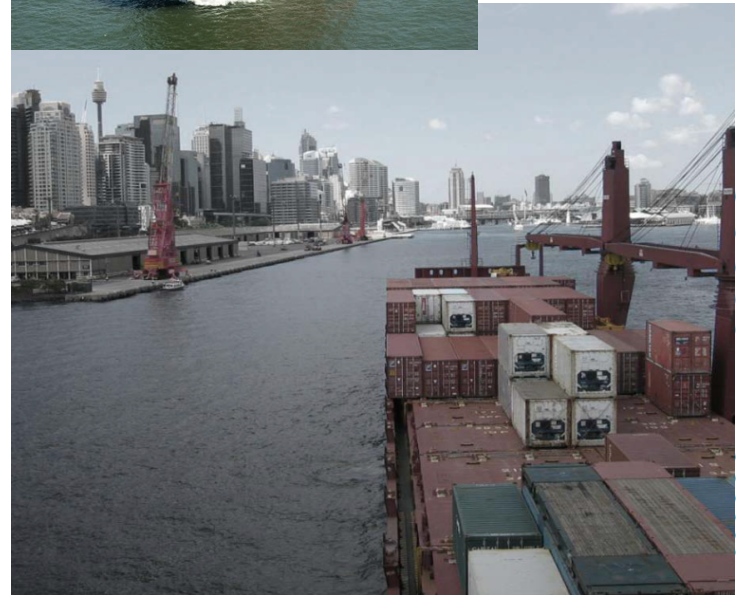
# Responding to the global challenge of Climate change



- Around 90 % of global trade by volume carried by sea
- Growth predicted in intra-regional trade, especially in Asia and in South-South cooperation and links
- Climate change is the biggest challenge of our time
- Shipping needs to be a part of the solution
- 70 % of ships registered in DCs
- We all need to agree in IMO on measures in line with the long term goal of staying below 2 degrees global warming
- Implementation worldwide a key

# Creating enabling environments

- Global reduction of GHG emissions requires **innovation** to develop cleaner and climate resilient technologies
- **IMO EEDI rules**: from 2025 ships 30 % more energy efficient
- **Digitalization** a tool to optimize ship 's performance
- The maritime industry is mainly driven by the private sector (ship design, shipbuilding, ship operation, classification etc.)
- How to create **enabling environments** for the energy efficient technology and practices to be absorbed worldwide?



# The role of Administrations MARPOL Annex VI, Regulation 23



- The Administrations shall
- in co-operation with the IMO and other international bodies,
- promote and provide support, directly or through IMO
- to States, especially developing States, that request technical assistance
  
- The Administration of a Party shall
- co-operate actively with other Parties, subject to its national laws, regulations and policies,
- to promote the development and transfer of technology and exchange of information
- to States that request technical assistance, particularly developing States
- in respect of the implementation of Chapter 4 (EEDI and SEEMP)



# Global Partnerships

- Strengthen the ongoing work on technology cooperation and transfer for enhancing energy efficient shipping
- A multi-stakeholder and multi-layered process
- Short, medium and longer term perspectives
- Business cooperation and Joint Ventures facilitating transfer of know-how, software and hardware
- Alliance building amongst countries, maritime industry, R&D institutions
- Facilitating transfer of financial resources
- Development of Regional centers of excellence

# The role of IMO and all stakeholders

- **IMO** has an important role in bringing all actors together
  - IMO Technical Cooperation Programme (ITCP) with regional and sub-regional activities, incl. capacity building workshops
  - MEPC/Ad hoc WG on Technology Transfer: A Model Agreement for Technological Cooperation, IMO website for knowledge sharing etc.
- **IMO World Maritime University**
- IMO Member States entering into cooperation agreements (e.g. financial and in-kind support)
- The world needs contribution of all actors – let´s work together!



Thank you for your  
kind attention!

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