



MTCC ASIA  
Maritime Technology Cooperation Centre

# *Energy efficiency in line with regulation supporting decarbonisation*

Output

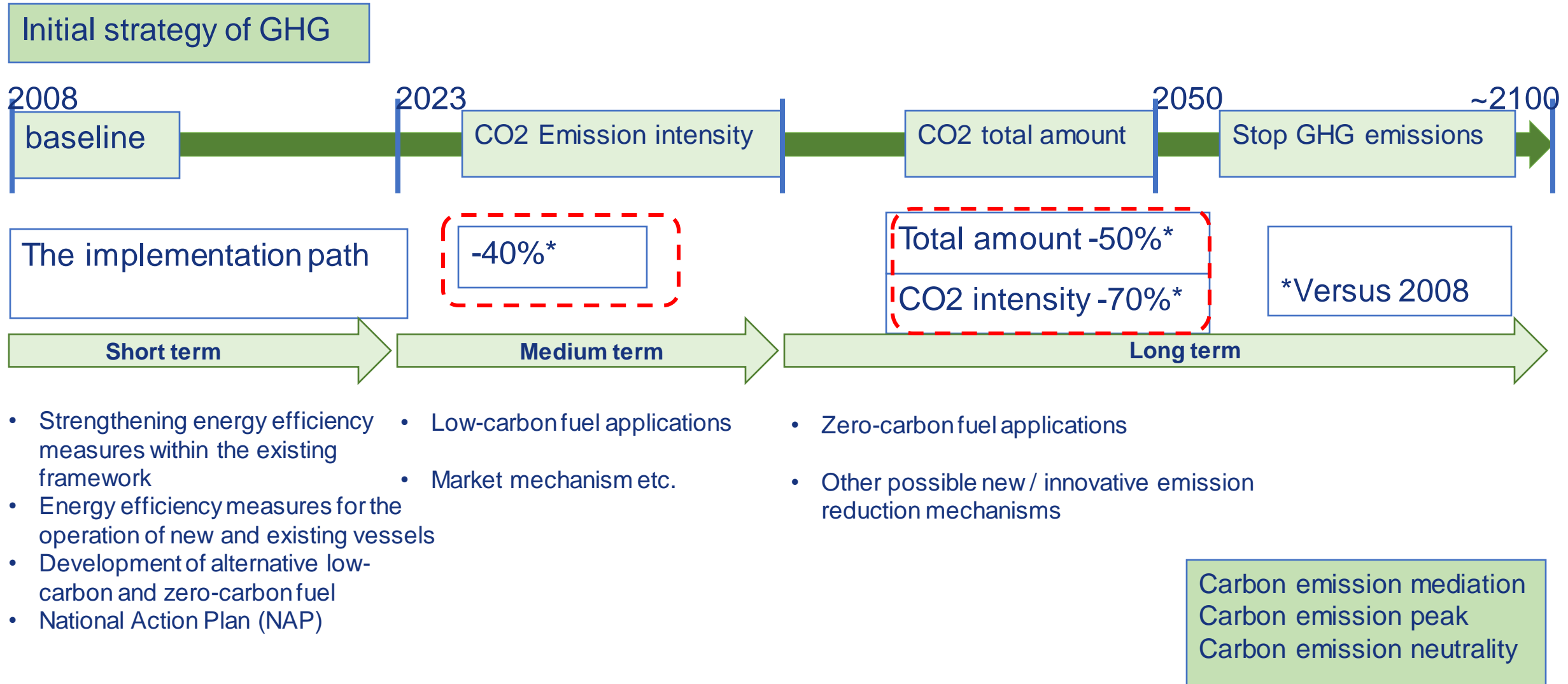
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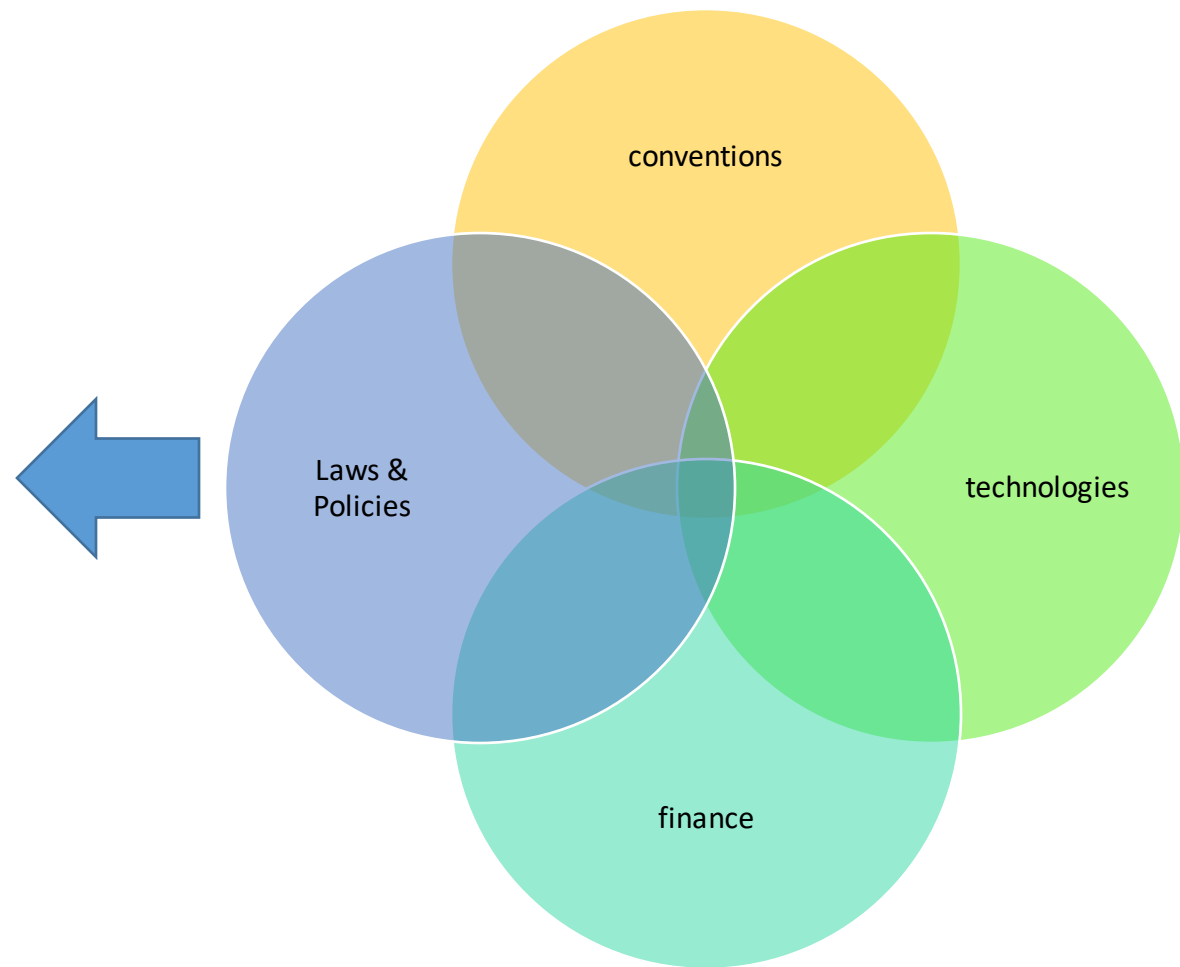
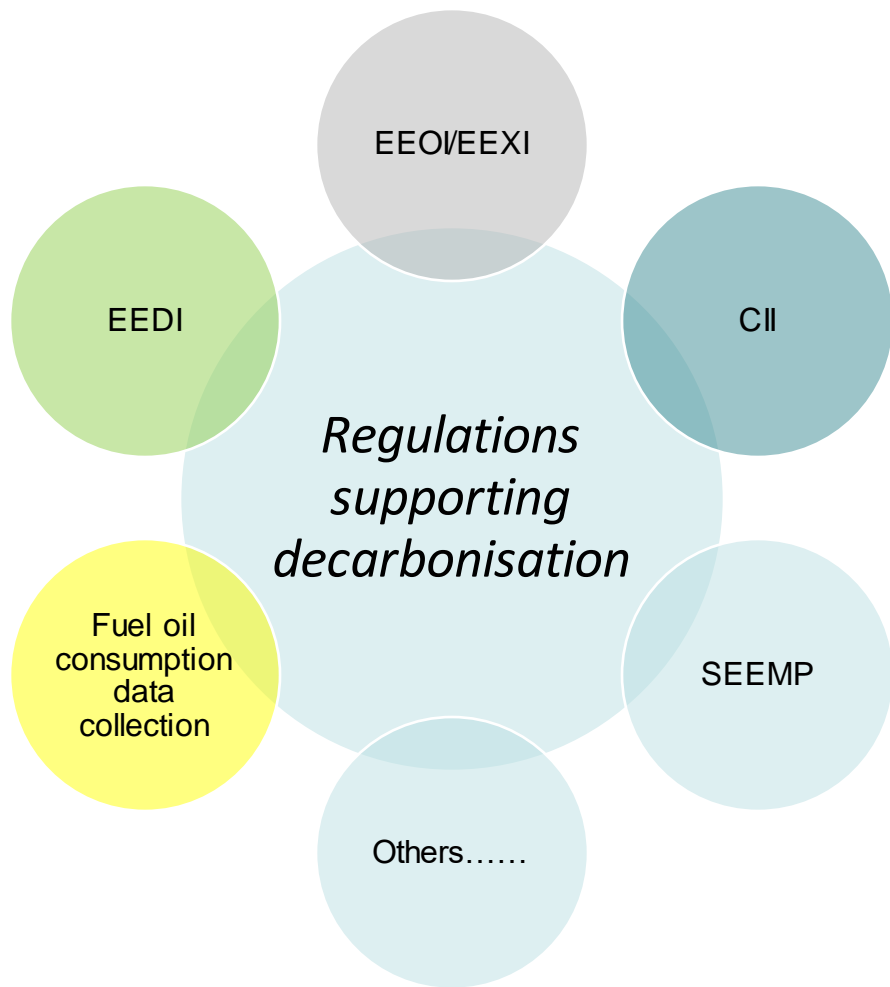
**wei RUAN**

**Head, MTCC-Asia**

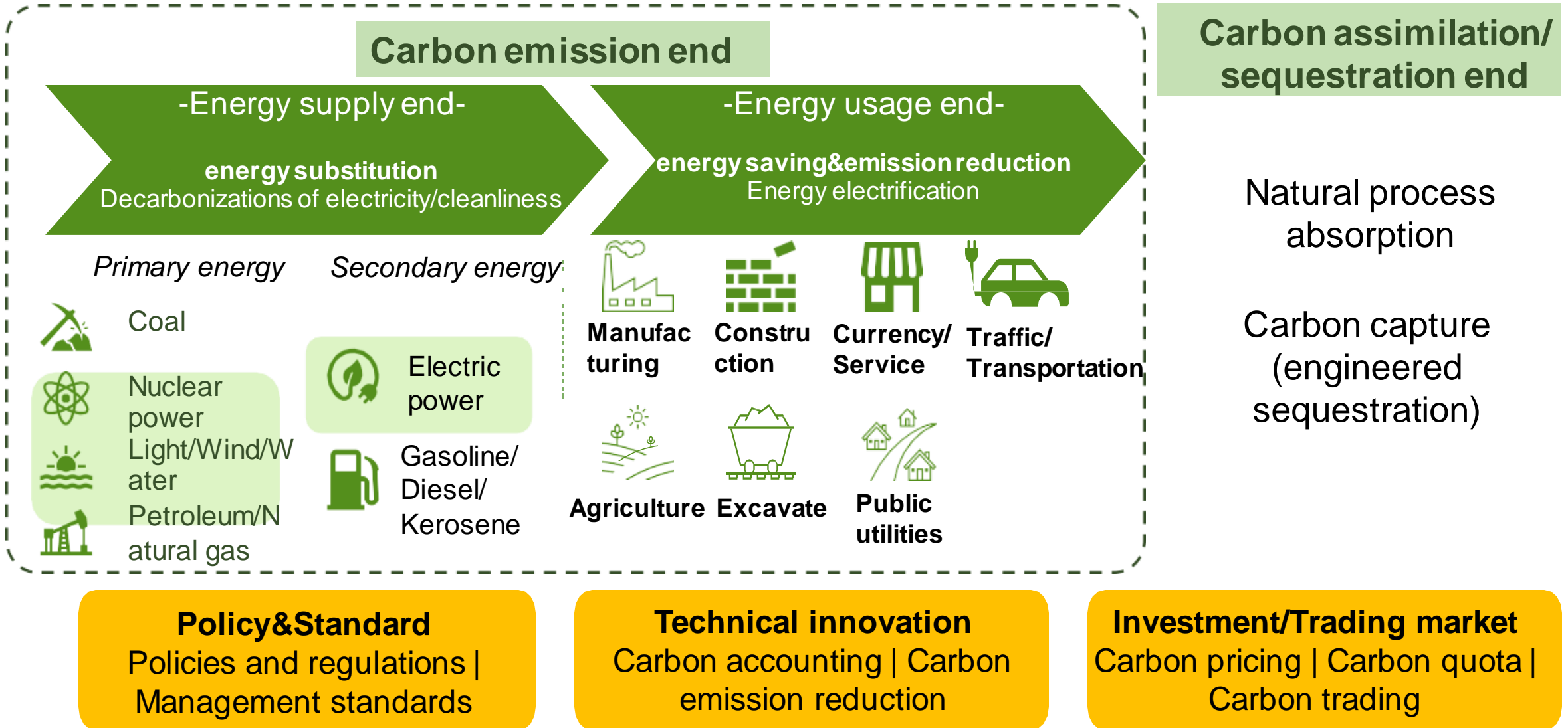
**Director of International Office, Shanghai Maritime University, China  
Dean of International Education College, Shanghai Maritime University, China**

# Regulatory framework and IMO GHG Strategy

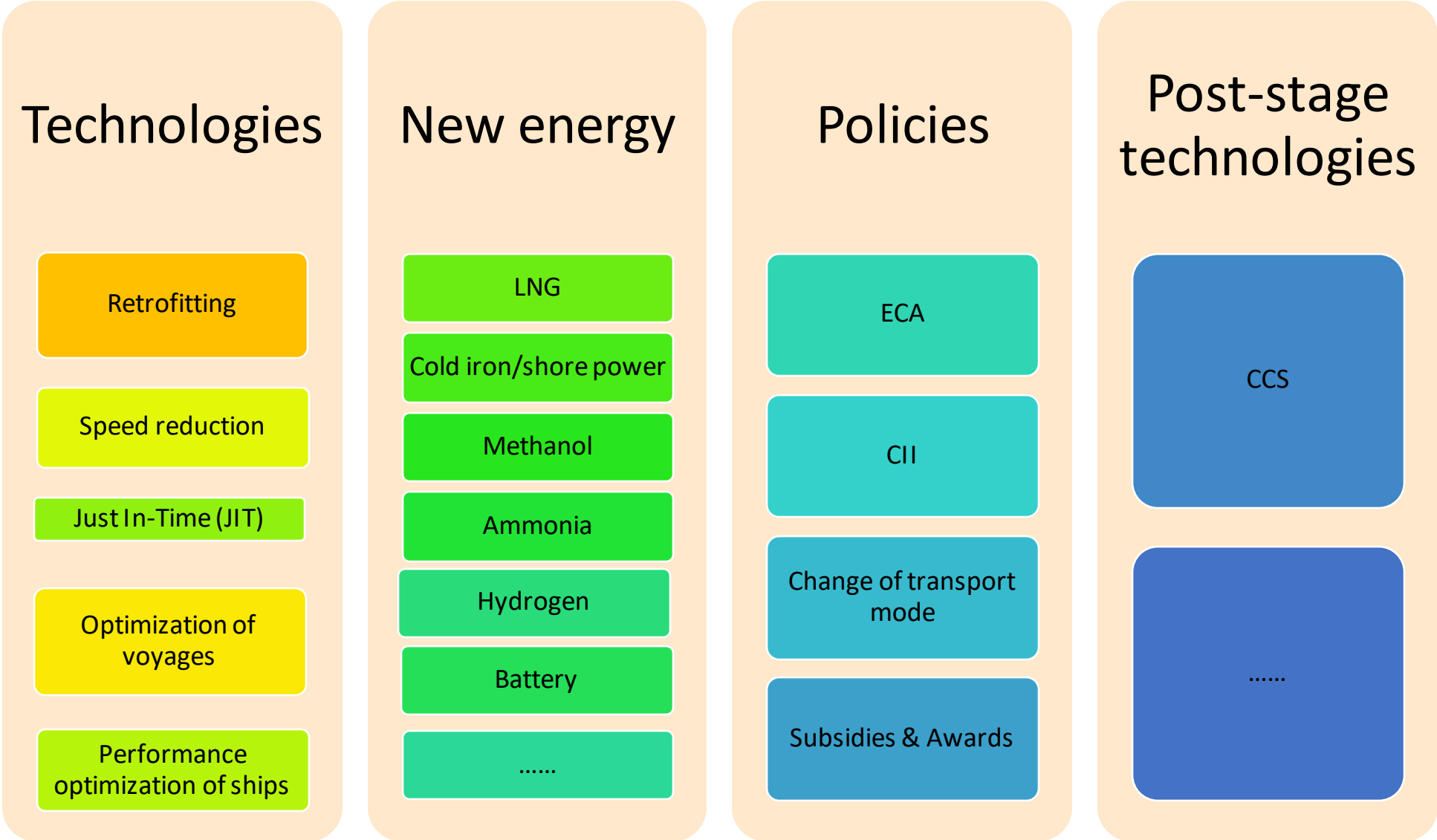




# A systematic carbon neutrality realization path



# Potential technologies and policies for energy efficiency

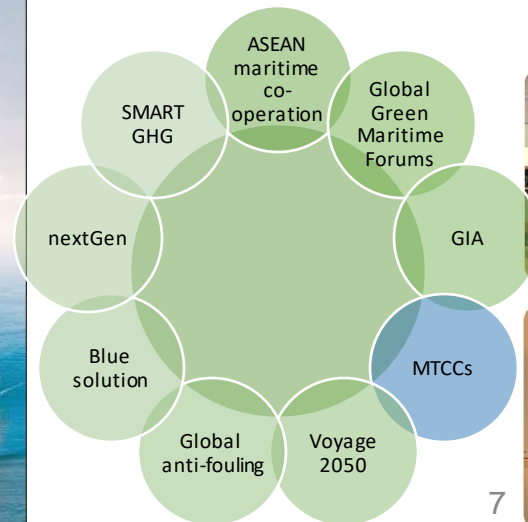
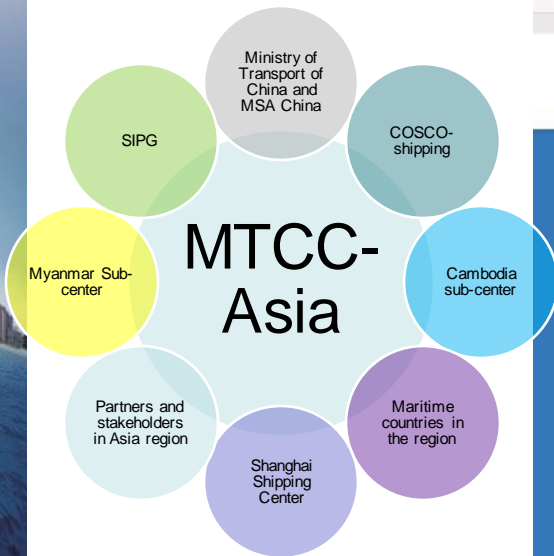
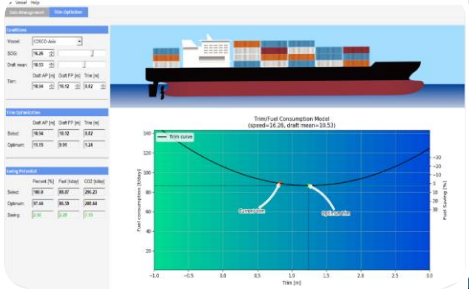
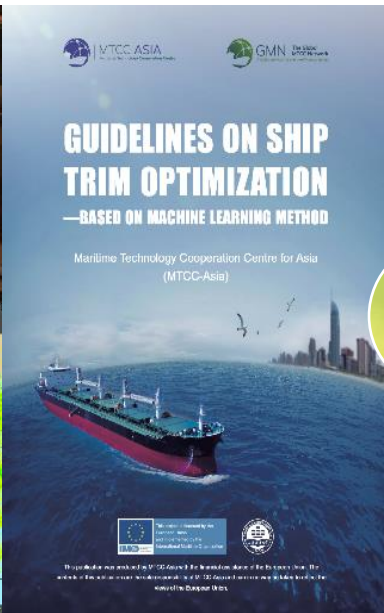
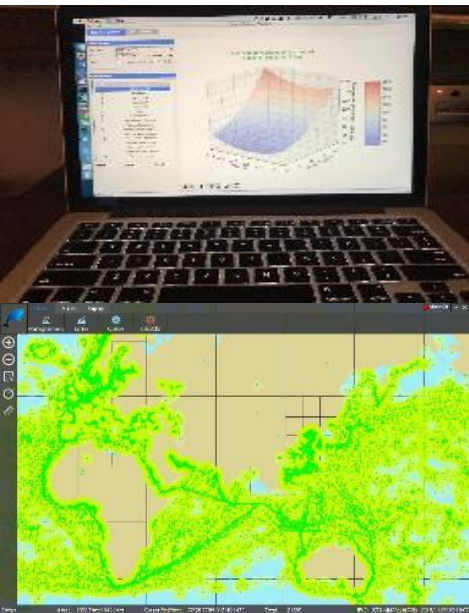




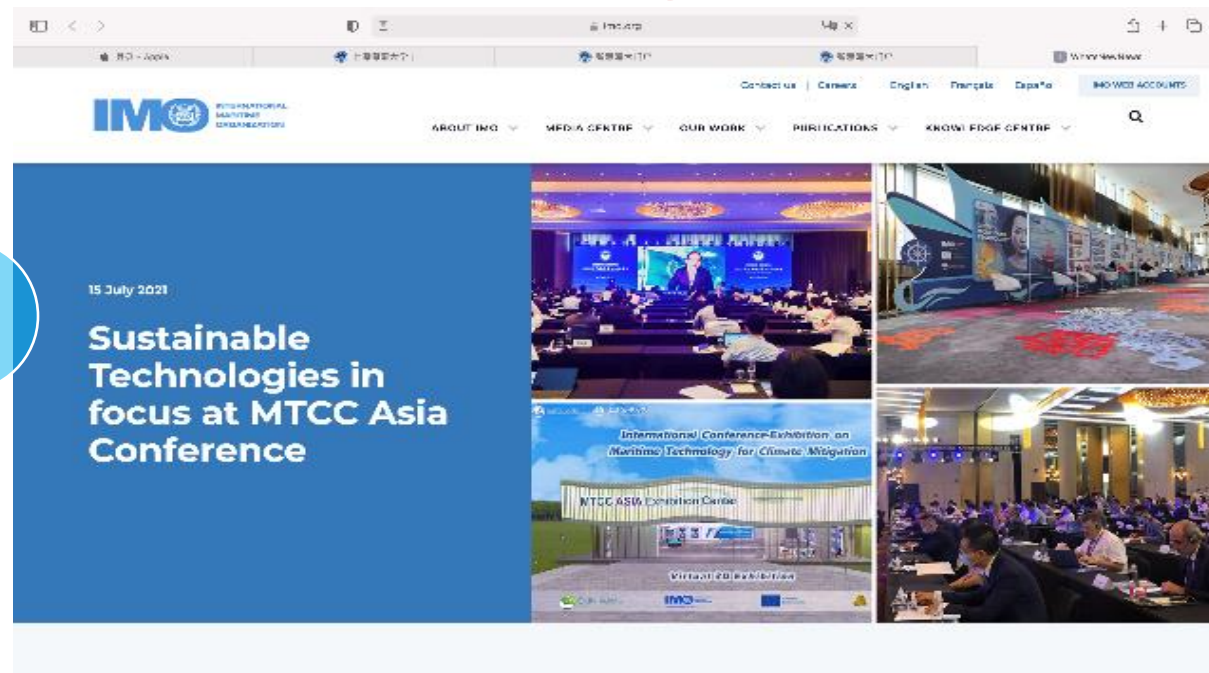
# Key issues during the implementation of Regulations



# Technology facilities and excellences



# Capacity-building activities





## Plans for future

- *A holistic way and joint forces as a whole GHG strategy;*
  - *New technologies (engine technologies, vessel performance optimization, decarbonization technologies, etc.,.)*
  - *New energy and alternative fuels*
  - *Digitalization and intelligent operations*
  - *Regulations and policies*
  - *Market-based mechanism*
- *Individualization based on specific needs*
- *International co-operations*







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***Thank for your attention!***

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