

# TRIPARTITE 2023

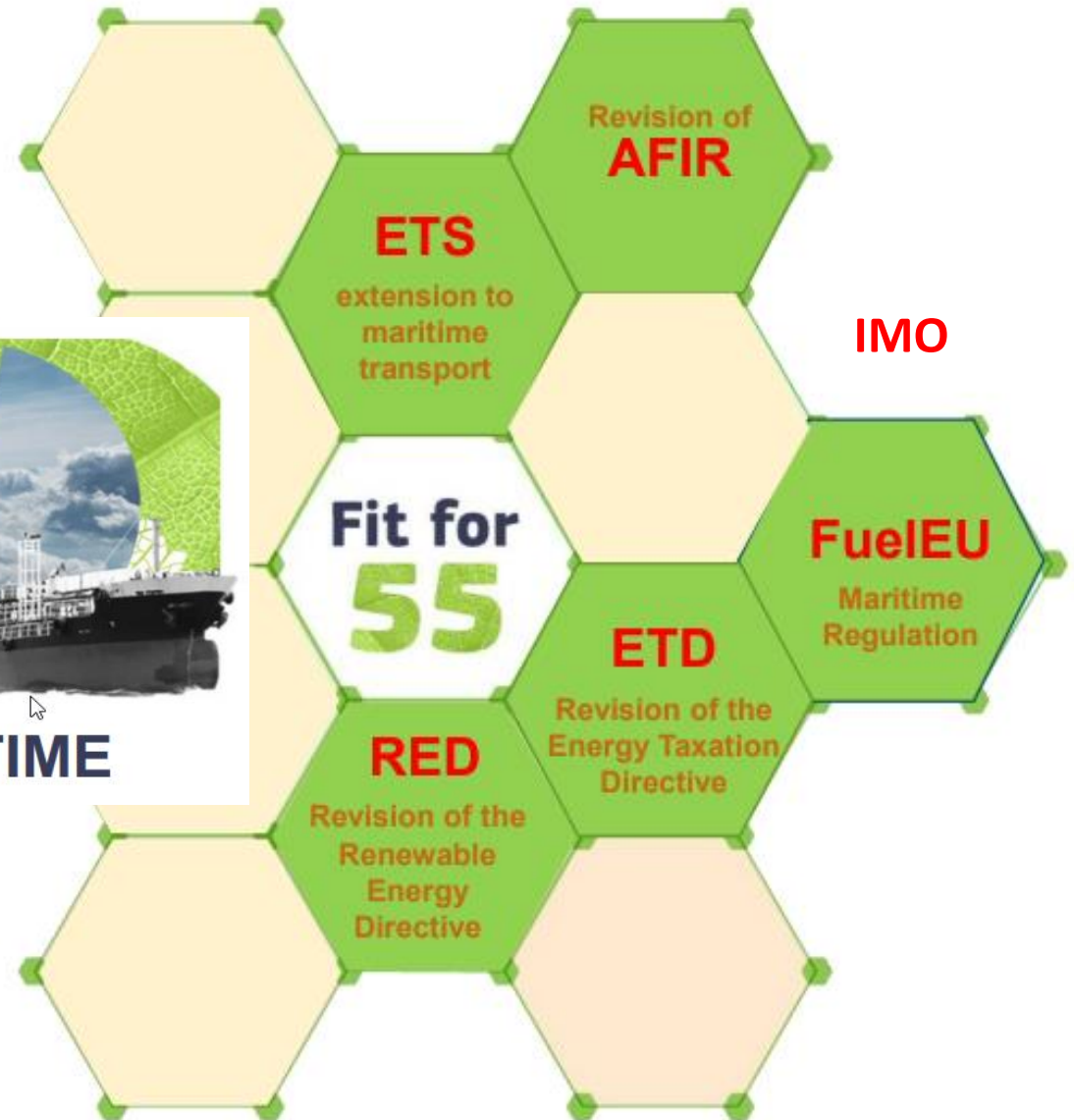
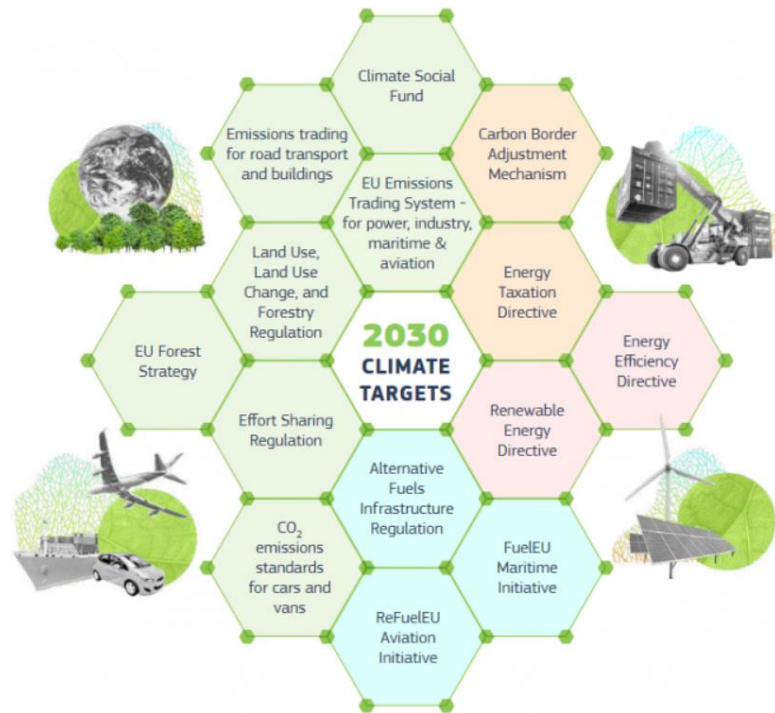
TOKYO, 09-10 NOVEMBER 2023

## **Session 3 - Strategic issues** **EU ETS & FuelEU Maritime**

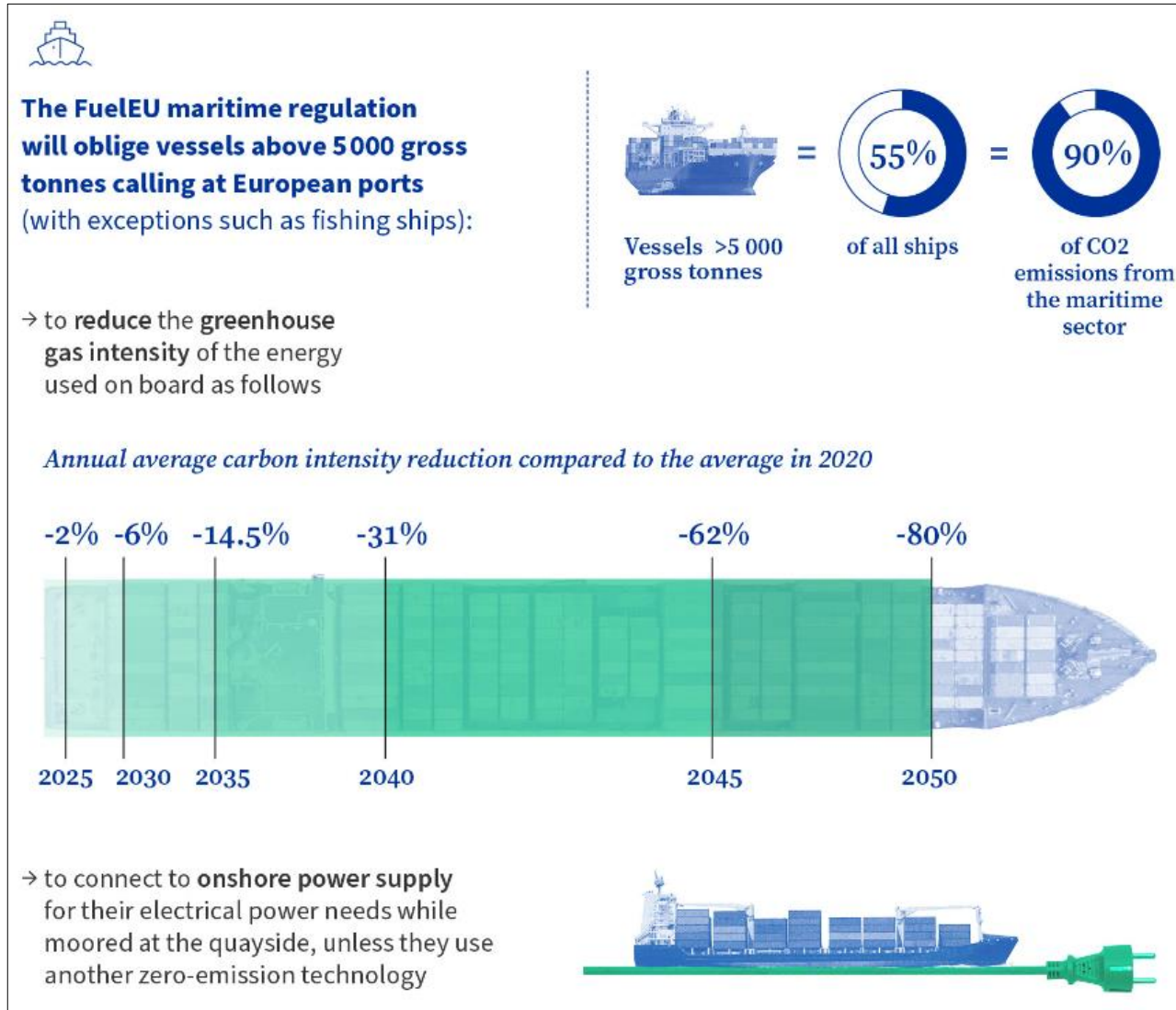
Benoît Loicq – SEA Europe

European Green Deal – Fit for 55 legislative package:

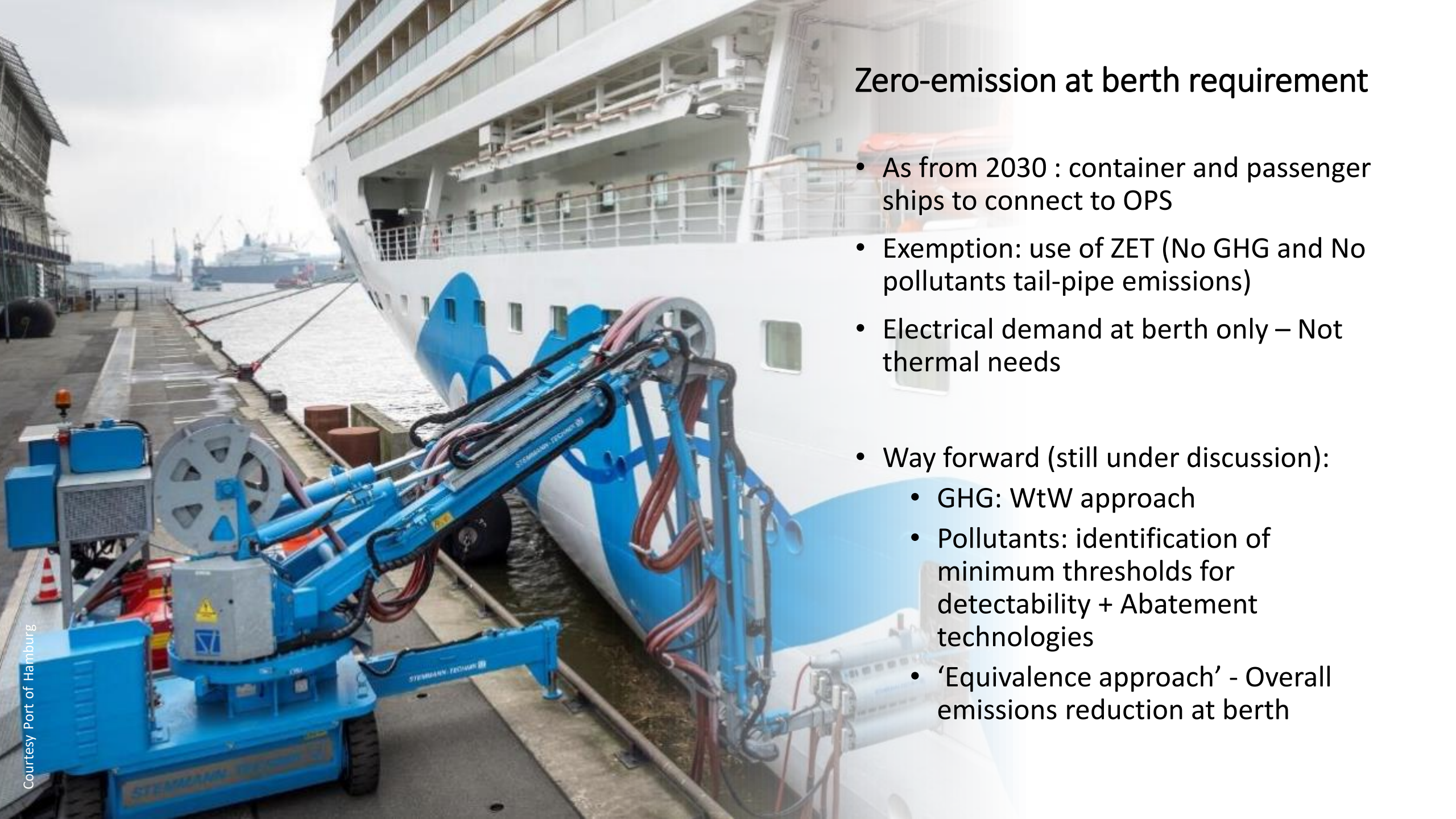
European ambition to become the world's first climate-neutral continent by 2050



# FuelEU Maritime



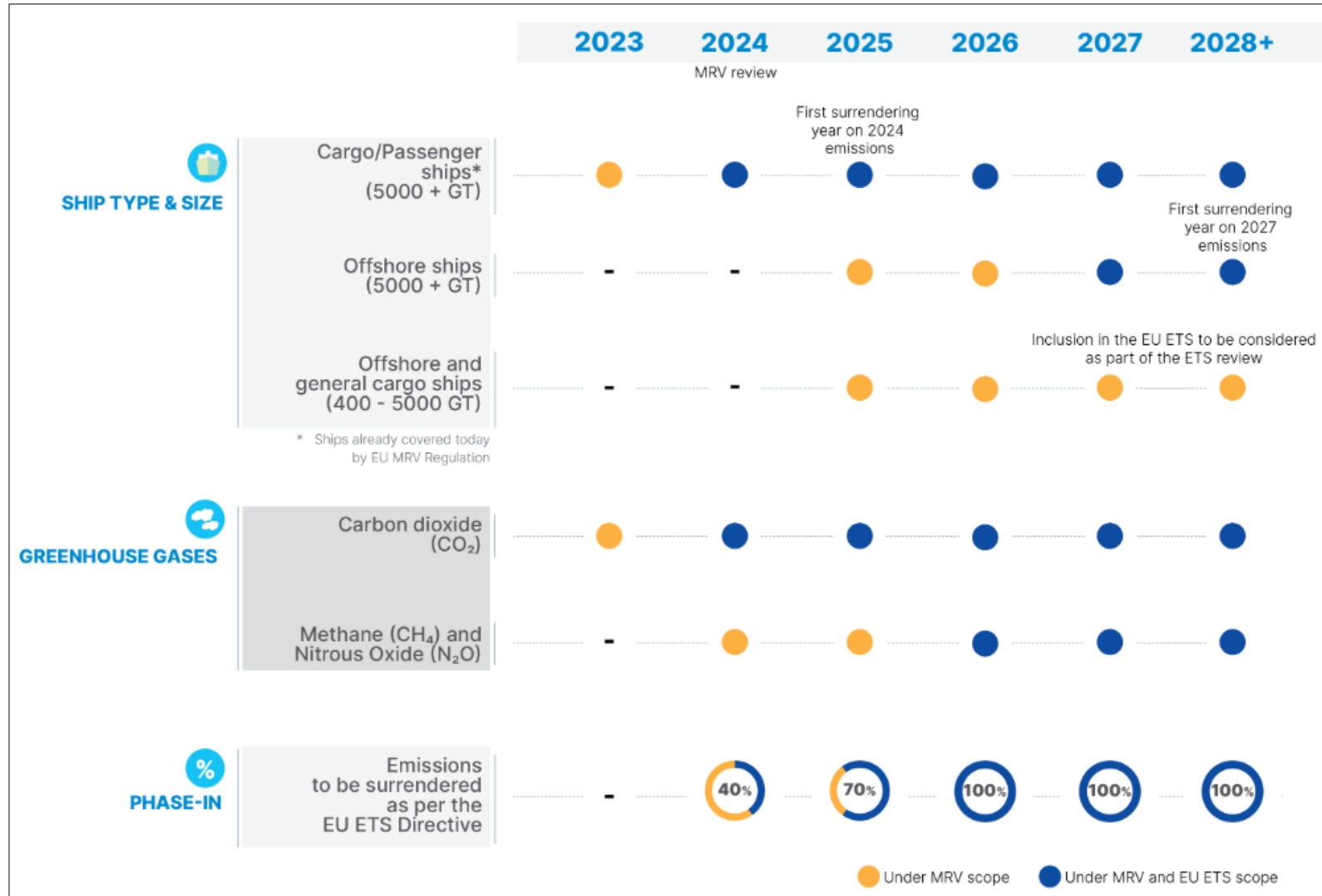
- Establishes a limit on the yearly average GHG intensity of the energy used onboard (gCO2eq/MJ)
- Scope: 5.000 GT / 100% EU – 50% INT.
- Rewarding emission factors for sustainable fuels
- Responsible entity: Shipping Company
- EU MRV-like reporting scheme
- Compliance (DOC)- Pooling
- Financial penalties on a ship basis / Ship exclusion from EU ports
  
- Specific technology issue: Zero-emission at berth requirement



## Zero-emission at berth requirement

- As from 2030 : container and passenger ships to connect to OPS
- Exemption: use of ZET (No GHG and No pollutants tail-pipe emissions)
- Electrical demand at berth only – Not thermal needs
- Way forward (still under discussion):
  - GHG: WtW approach
  - Pollutants: identification of minimum thresholds for detectability + Abatement technologies
  - ‘Equivalence approach’ - Overall emissions reduction at berth

# Inclusion of shipping into EU ETS

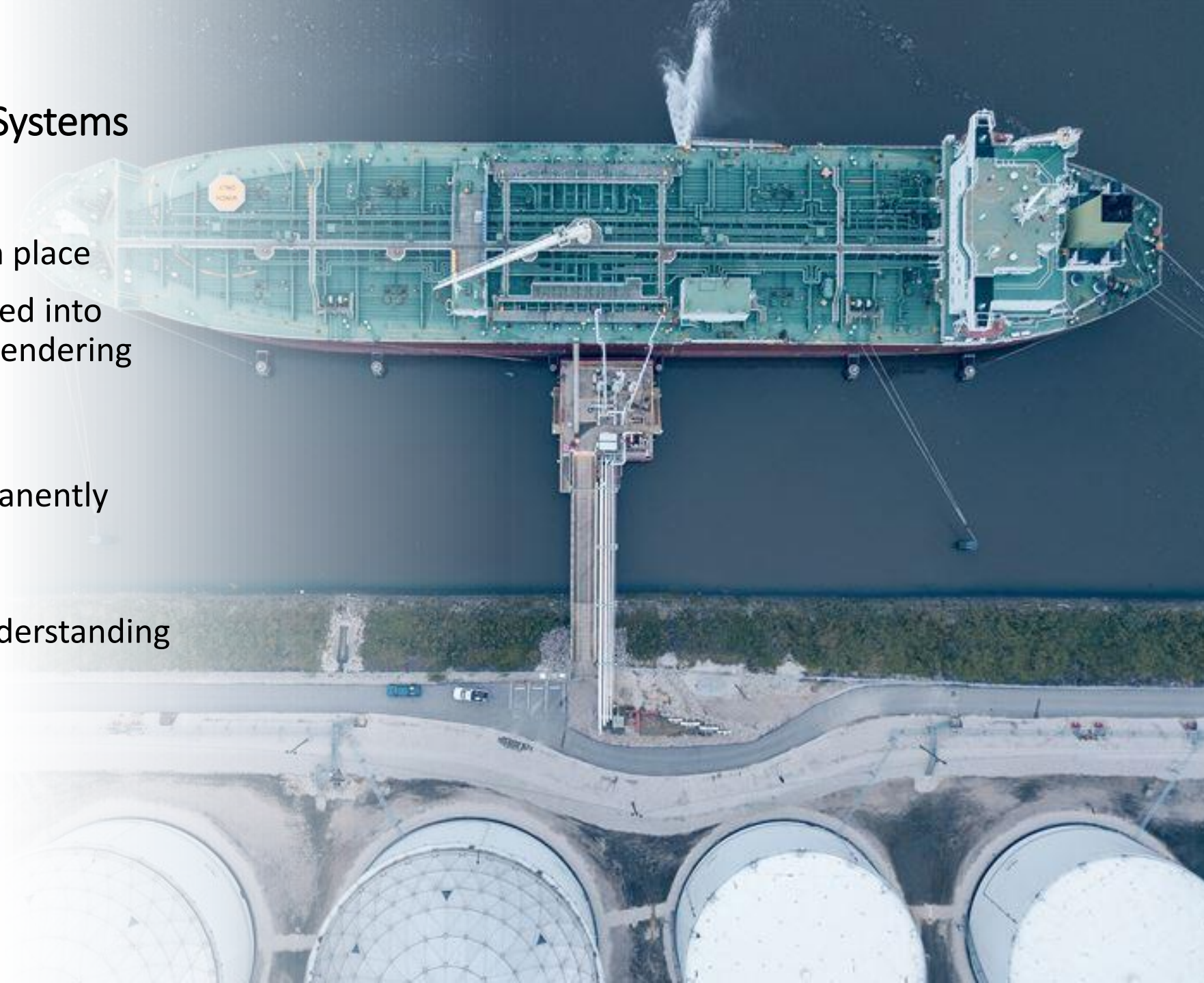


- Expansion of EU MRV
- Scope: 5.000 GT / 100% EU – 50% INT.
- Phased-in implementation 2025-2027
- CO<sub>2</sub>, CH<sub>4</sub> and N<sub>2</sub>O Monitoring and Allowances surrendering
- Cap and Trade system
- Responsible entity: Shipping Company
- EU administrating authority
- Non-compliance: entire fleet exclusion from EU ports
- Specific technology issue: OCCS

## Onboard Carbon Capture Systems

- European legal framework in place
- Emissions not directly released into atmosphere still require surrendering allowances – Exceptions.
- Challenges:
  - Requirements for ‘Permanently chemically bound’
  - OCCS certification
  - Better custody chain understanding
  - International rules

**[TRIPARTITE role?]**



**Thank you.**

**Contact:**

Benoît Loicq

[bl@seaeurope.eu](mailto:bl@seaeurope.eu)

[www.seaeurope.eu](http://www.seaeurope.eu)