



## MaritimeEmissionsForecaster

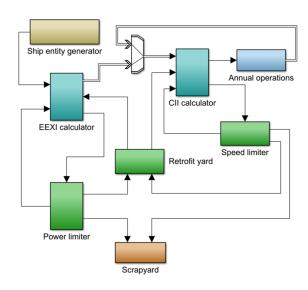
Sustainable mobility transformation - identification and evaluation of decarbonization strategies for the maritime sector

The CO<sub>2</sub> intensity of ships can be reduced through both operational and technical measures. However, successful decarbonization of the shipping sector requires a targeted combination of both approaches.

The Maritime Emissions Forecaster (MEF) analyzes which packages of measures are most suitable for different ship types and sizes – taking into account their individual characteristics, the future availability of low-emission fuels, emerging technologies, and required infrastructures.

What makes MEF unique is its holistic, simulation-based approach, which considers not only emissions and climate impacts but also factors such as transport and shipyard capacities.

In this way, MEF supports policymakers, shipowners, and other maritime stakeholders in identifying and assessing sustainable, resource-efficient pathways for emission reduction in the shipping sector.



## Developed for:

- Policy makers
- Authorities
- Research and Development
- Industry
- NGOs

