Methodological note - November 2026

EU shipping emissions

Analysis based on the EU Shipping MRV database

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Lead analyst: Pauline Petereit, pauline.petereit@transportenvironment.org
Contributors: Cristina Pita da Veiga (Design), Riza Ahsim (Review)

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1. Data sources

Shipping emissions data from the THETIS-MRV publication (EMSA, September 2026). Data for 2018: version 275, Data for 2019: version 228, Data for 2020: version 209, Data for 2021: version 218, Data for 2022: version 241, Data for 2023: version 91, Data for 2024: version 241, Data for 2025: version 56. Vessel characteristics from Clarksons (2025) and MarineTraffic (2026).

2. Assumptions and limitations

Emissions data include emissions from ships above 5000 GT (until 2024) or above 400 GT (from 2025 on) and all EEA countries. Emissions 2018-2020 are adjusted for EU27, excluding emissions from UK shipping based on inhouse analysis. Emissions under EU ETS scope include all within EEA emissions, all emissions at berth and 50% of EEA inbound and EEA outbound emissions. In the ranking of companies and for the ranking of single ships, company information refers to the parent company of the ship operator. If this information was not available, it is referring to the parent company of the ship manager (1 ship). If ships reported erroneous voyage scope emissions, values were corrected to match with the ship's reported total emissions.

Further information
Pauline Petereit
Senior data analyst - Shipping
pauline.petereit@transportenvironment.org
www.transportenvironment.org | BlueSky | LinkedIn