

Energy Efficiency Agenda



Maersk Supply Service is taking decisive steps to improve our energy efficiency and reduce fuel consumption across its operations year-on-year. To support this ambition, we are focusing on technical upgrades, digitalisation and a solid energy efficiency mindset across the fleet.

Energy efficiency culture

- To establish a common Energy Efficiency mindset across our organisation, we are providing Energy Efficiency training to our crew in collaboration with Maersk Training.
- As high-quality performance data are essential for our savings measurements, the progress and data-quality is monitored regularly through Energy Efficiency factbooks, on a weekly and a quarterly basis, using tangible performance indicators.
- All Energy Efficiency learnings and practices are communicated and shared in the 'Energy Efficiency Best Practices' guidelines for each vessel class in our Safety Management System.
- To meet our yearly Energy Efficiency targets across our portfolio, the entire fleet is setting achievable and realistic goals, adapted to their own specific areas of improvement. Our one-year Energy Efficiency offshore challenge will reward the top three performers in the fleet with welfare-contribution prizes by the end of the year.

Transition to a greener future

Our focus areas for the coming years is decarbonisation and renewable energy, in line with several UN Sustainable Development Goals (SDGs). One innovation we have focused on is the offshore charging buoy concept, helping reduce fuel emissions for idle vessels. This is an investment that will result in significant savings for our clients and reduce environmental footprint. In addition, we are constantly investigating technical upgrades such as installation of variable frequency drives, replacement of conventional purifiers, and alternative fuels usage to minimise our GHG emissions.



MSS Energy Advisory System

Thus far, we have rolled out our digital Energy Efficiency platform called the Energy Advisory System. This electronic performance system automatically collects data from vessel flow metres and other sensors, identify and advise on savings' potential in real-time. This enables all stakeholders onboard to make evidence-based decisions to improve energy efficiency. At the same time, the Energy Advisory System helps us ensure fuel security for our customers and guarantees accurate measurement of energy efficiency and fuel savings, based on maximum quality performance data and advanced analytics.