



MAERSK

Press releases

A.P. Moller - Maersk will operate the world's first carbon neutral liner vessel by 2023 – seven years ahead of schedule

17 February 2021

Sustainability

Ocean Transport



A.P. Moller - Maersk speeds up on decarbonisation with a methanol-fueled feeder vessel on the water in 2023, piloting a scalable carbon neutral product to customers and offering fuel suppliers incentive to scale production of the fuels of the future.

Copenhagen, Denmark – Fast-tracked by advances in technology and increasing customer demand for sustainable supply chains, A.P. Moller - Maersk accelerates the efforts to decarbonise marine operations with the launch of the world's first carbon neutral liner vessel in 2023 - seven years ahead of the initial 2030-ambition. All future Maersk owned new buildings will have dual fuel technology installed, enabling either carbon neutral operations or operation on standard very low sulphur fuel oil (VLSFO).

"A.P. Moller - Maersk's ambition is to lead the way in decarbonising global logistics. Our customers expect us to help them decarbonise their global supply chains, and we are embracing the challenge, working on solving the practical, technical and safety challenges inherent in the carbon neutral fuels we need in the future. Our ambition to have a carbon neutral fleet by 2050 was a moonshot when we announced in 2018. Today we see it as a challenging, yet achievable target to reach," says Søren Skou, CEO, A.P. Moller - Maersk.

Our commitments on decarbonisation

2023

World's first carbon neutral liner in operation

2030

60% relative CO₂ reduction from shipping

2050

Net zero CO₂ emissions

Around half of Maersk's 200 largest customers have set – or are in the process of setting – ambitious science-based or zero carbon targets for their supply chains, and the figure is on the rise.

Maersk's methanol feeder vessel will have a capacity of around 2000 TEU and be deployed in one of its intra-regional networks. While the vessel will be able to operate on standard VLSFO, the plan is to operate the vessel on carbon neutral e-methanol or sustainable bio-methanol from day one.

"It will be a significant challenge to source an adequate supply of carbon neutral methanol within our timeline to pioneer this technology. Our success relies on customers embracing this groundbreaking product and strengthened collaboration with fuel manufacturers, technology partners and developers to ramp up production fast enough. We believe our aspiration to put the world's first carbon neutral liner vessel in operation by 2023 is the best way to kick start the rapid scaling of carbon neutral fuels we will need," says Henriette Hallberg Thygesen, CEO of Fleet & Strategic Brands, A.P. Moller - Maersk.

Both the methanol-fueled feeder vessel and the decision to install dual fuel engines on future newbuildings are part of Maersk's ongoing fleet replacement. CAPEX implications will be manageable and are included in current guidance.

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Søren Skou
CEO, A.P. Moller - Maersk

Strengthened collaboration to solve the challenges

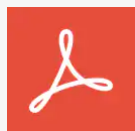
A carbon neutral future for shipping requires innovation, test and collaboration across multiple industry partners. Maersk continues to explore several carbon neutral fuel pathways and expects multiple fuel solutions to exist alongside each other in the future. Methanol (e-methanol and bio-methanol), alcohol-lignin blends and ammonia remain the primary fuel candidates for the future.

A key collaboration partner is the Mærsk Mc-Kinney Møller Center for Zero Carbon Shipping, an independent, non-profit research and development center, that works across sectors, organisations, research areas and regulators to accelerate the development and implementation of new energy systems and technologies.

About A.P. Moller - Maersk

A.P. Moller - Maersk is an integrated container logistics company working to connect and simplify its customers' supply chains. As the global leader in shipping services, the company operates in 130 countries and employs roughly 80,000 people.

Downloads



A.P. Moller - Maersk Decarbonisation Commitments 2020
PDF (70KB)

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