

MARITIME DECARBONISATION, EUROPE

CONFERENCE | AWARDS | EXHIBITION

24-25 September 2024 • Amsterdam



Charterer of the Year Award

Recognising a vessel-charterer that has proactively set new standards in vessel optimisation, maritime decarbonisation and sustainability.

BHP

Commitment to reducing fleet-wide emissions: BHP has set ambitious targets to reduce emissions intensity of chartered shipping by 40% by 2030 and achieve net zero emissions for all shipping of BHP products by 2050; BHP has conducted biofuel trials, including the first marine biofuel trial involving an ocean-going vessel bunkered in Singapore and more recent trials on copper concentrate routes from Chile to China; BHP has launched five LNG-fuelled Newcastlemax vessels for iron ore transport; BHP is exploring ammonia-fuelled vessels through an expression-of-interest tender. BHP is partnering with classification society DNV on digitalisation initiatives to enable timely and accurate GHG emission reporting and management for chartered vessels. BHP is a signatory to the Sea Cargo Charter, establishing standardised methodologies for measuring shipping emissions. BHP is using real-time data analytics to optimise vessel and route selection for improved efficiency. BHP is partnering with companies like Norsepower to implement wind-assisted propulsion technologies. As one of the world's largest dry bulk charterers (moving about 300 million tonnes annually), BHP is using its scale to accelerate decarbonisation of the shipping industry. BHP is advocating for industry regulations to increase the speed and scale of shipping decarbonisation. BHP is creating demand for lower and zero-emission fuels like ammonia to assist technology adoption.

Trafigura

Trafigura has set a target to reduce the GHG intensity of their shipping operations by 25% by the end of FY2030 compared to the 2019 IMO benchmark. They have already achieved a 19% reduction to date. They are investing in clean technologies such as ammonia-fuelled shipping engines. Trafigura maintains a modern fleet and invests in energy efficiency measures, lower-carbon fuels, and decarbonisation technologies. They have implemented a range of measures to improve efficiency and reduce emissions across their fleet. Trafigura is focusing on understanding and reducing their Scope 3 footprint, which includes emissions from their shipping activities. They use digital tools like the Agora platform, created by Agora, a company that specialises in edge computing and data analytics for the oil and gas industry to increase carbon transparency and optimise vessel performance. Trafigura has implemented various vessel optimisation strategies, including adopting LNG and exploring hydrogen and ammonia as alternative fuels. Trafigura is a founding member of the First Movers Coalition, advocating for industry-wide action on shipping emissions. They are members of the Getting to Zero Coalition, Global Maritime Forum, and Sea Cargo Charter. Trafigura has been actively calling for a global price on carbon for shipping to drive industry change.

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Cargill

Cargill has demonstrated a significant commitment to reducing emissions across its chartered fleet. They have been proactive in adopting alternative fuels and improving energy efficiency. For example, Cargill has been involved in projects to test and implement wind-assisted propulsion technologies on bulk carriers, which can significantly reduce fuel consumption and emissions. Cargill has implemented various sustainable practices across its operations. This includes efforts in sustainable sourcing and environmentally responsible policies. Their commitment to sustainability extends beyond just their shipping operations to their entire supply chain. Vessel optimisation strategies: Cargill has been at the forefront of using data analytics and digital technologies to optimise vessel performance. They have partnered with technology companies to implement advanced weather routing and vessel optimisation systems, which help reduce fuel consumption and emissions. Cargill has been actively participating in industry initiatives and partnerships aimed at promoting sustainability in the maritime sector. They are a founding member of the Sea Cargo Charter, which aims to establish a common baseline to quantitatively assess and disclose whether shipping activities are aligned with adopted climate goals.

Louis Dreyfus Company

Louise Dreyfus Company (LDC) has signed a commercial agreement with bound4blue to install four 26-metre-high eSAILS® on one of their chartered juice vessels, the MV Atlantic Orchard. This wind-assisted propulsion system is expected to reduce the vessel's annual fuel consumption and CO2 emissions by at least 10%. The company is actively working to reduce emissions in their chartered fleet, which aligns with their broader Scope 1 and 2 emissions reduction target of 33.6% by 2030. LDC implemented the Siemens Insights Hub at nine facilities to optimise energy consumption in their maritime assets, demonstrating a commitment to using advanced technology for efficiency. They deployed industrial wi-fi and virtual tour technologies using RealWear devices at key facilities, enabling real-time remote support for operational issues, maintenance, quality control, and safety in their maritime operations. LDC is an active participant in the Sea Cargo Charter, which promotes transparency and emissions reduction in shipping. In 2023, they improved their climate alignment score under the Sea Cargo Charter, despite more stringent requirements.