



EU MISSIONS

RESTORE OUR OCEAN AND WATERS



BACKGROUND

[Kongsberg](#) is a Norwegian technology company specialising in high-tech maritime solutions. The company works on Mission Ocean objectives through activities in two key divisions that contribute to sustainability in the blue economy:

[Kongsberg Maritime](#) focuses on energy-efficient vessel systems, alternative fuel-powered ships, and intelligent fishing technologies.

[Kongsberg Discovery](#) develops advanced sensor technologies for real-time ocean monitoring, measuring water quality, pollution levels, and ecosystem conditions. These technologies play a crucial role in marine conservation, supporting informed decision-making on ocean health and restoration.



KONGSBERG

MOTIVATION

Kongsberg is dedicated to promoting more sustainable operations in the maritime sector by balancing environmental responsibility with business opportunities. It addresses the increasing demand for greener maritime technologies by providing solutions that enhance efficiency and reduce emissions. Kongsberg emphasises its solutions' long-term economic and operational benefits and positions itself as an advisor in sustainable maritime practices.



EU MISSIONS

RESTORE OUR OCEAN AND WATERS



COLLABORATIVE APPROACH

Kongsberg actively collaborates with universities, research institutions, and industry partners to advance maritime innovation. Partnerships with the [University of South-Eastern Norway](#), the [Norwegian Institute of Marine Research](#), and the [Norwegian University of Science and Technology](#) support the development of sensor technology, ocean monitoring tools, and energy-efficient shipping solutions. The company also co-founded an industrial master's programme.



© Kongsberg Maritime selected for hybrid and propulsion upgrade of Norwegian Coastal Administration's vessel OV Bøkfjord

OUTCOMES

Kongsberg's energy-efficient maritime systems and sensor technologies are widely adopted by industry and research institutions worldwide, helping to optimise fuel consumption, reduce emissions, and improve environmental monitoring. Their innovative fishing solutions support biodiversity conservation by reducing bycatch, while their ship designs facilitate the transition to cleaner fuels. However, barriers to widespread adoption remain, particularly among smaller operators in less industrialised fishing regions.

