



CASE STUDY TITLE

The World's Most Environmentally Friendly Port

SUMMARY

The Port of Oslo has set itself a goal of becoming the world's most environmentally friendly city port. Innovation, green technology and collaboration will play a critical role in achieving these ambitions. The Port of Oslo is using the ISO standard for environmental management to succeed in its mission.

The Port of Oslo aims to reduce its emissions by 85 per cent by 2030 and ultimately to become a zero-emissions port. The standard for environmental management, ISO 14001, is underpinning the Port's sustainability work.

BACKGROUND

A fully loaded container ship saves around 400 articulated lorry journeys. This makes the sea an extremely environmentally friendly alternative to road transport. Above all, it makes the Port of Oslo an important part of efforts to make Oslo and Norway greener.

'The standard helps ensure that we are focused on and follow up our environmental work all year round. Sustainability is a goal when we discuss everything from port development and operation to property development, finance and HSE,' explains Port Director Ingvar Mathisen.

STRATEGY

The Port of Oslo has been certified to ISO 14001 by the international certification and inspection institution Kiwa. The standard is results-oriented and attaches importance to continuous improvement of the Port of Oslo's environmental work. The certification helps make the Port of Oslo and its customers more innovative, explains Mathisen. The Port of Oslo

AT A GLANCE

COUNTRY

- Norway

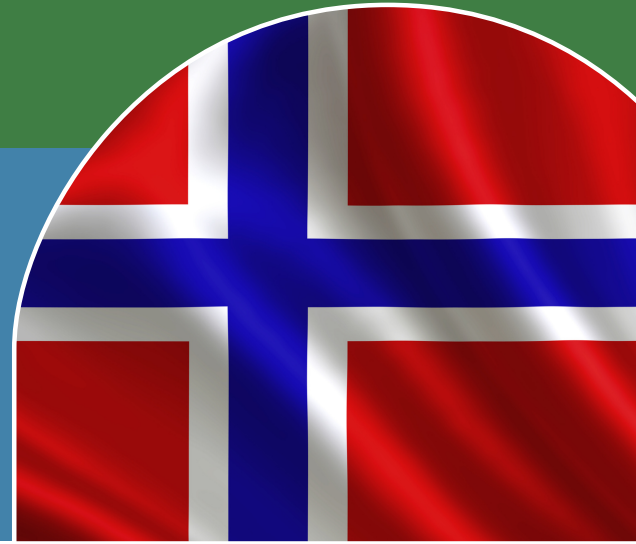
LEVEL

- National

SDG ADDRESSED

- SDG 13 - Climate Action

makes stringent environmental requirements of its customers and offers opportunities to meet these. As part of this work, the Port Board of Directors has established an environmental fund. The Port of Oslo's customers can apply for a grant for innovative environmental projects. One of the organizations that has received a grant is Yilport, which operates the Port's container terminal.





RESULTS & IMPACT

'More than anything, the certification has made us more environmentally mature and ambitious. We are forced to think about the improvement in everything we do. We are proud of being certified. But it's also a commitment since we have to keep working to retain our certification,' says Mathisen.

'Yilport has received a grant of NOK 1.8 million to purchase electric forklifts. This has enabled the container port to take a major step towards becoming emissions-free,' comments Mathisen. He emphasizes that the development of green technology is absolutely essential to achieving the goal of becoming a zero-emissions port, highlighting what will probably be the world's first electric waste-collection boat. 'The electric boat has been designed to collect waste in the Oslo Fjord. Underwater drones will help it to locate the waste,' he adds.

CHALLENGES & LESSONS LEARNED

The UN's Sustainable Development Goals are an integral part of the Port of Oslo's environmental policy. Mathisen believes that the most important contribution the Port can make is helping others to achieve these goals.

'No one can make the transition and improvements on their own,' he acknowledges. 'We have an ambitious owner and backer in the City of Oslo. Together with other local government agencies we have developed a zero-emissions plan that has been approved by the City Council. We take stakeholders, partners, customers, authorities and politicians seriously. We must enter into dialogue to find tomorrow's solutions and achieve our sustainable development goals.'

POTENTIAL FOR REPLICATION

ISO 14001 establishes requirements for good environmental communication. Oslo was named European Green Capital in 2019. Mathisen explains that the Port has welcomed delegations and journalists from all over the world wishing to see the Port of Oslo's new onshore power facility.

'It's great that our work to electrify the port is inspiring others, and we will continue to develop electric solutions even if these require expensive investments.'

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