

SPAR

ZERO EMISSION

ASKO a front-runner in green conversion

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ASKO is a part of NorgesGruppen

Elektrisitet



Suppliers



2026 100 % Renewable fuel



gement Central warehouse and regional warehouse



Logistics and NGFLYT



ASKO

Consumer





All electric transportation chain

- Automated warehouses
- Electric transportation chain at sea and on land
- Autonomous vessel and terminal tractor
- Efficient seamless logistics with shared information throughout the whole value chain
- Dynamic planning of cargo operations at the terminal and the vessels











The Wessels

Ship designer COCHIN SHIPYARD LTD Shipyard **KONGSBERG**

Main technology supplier



Bimco Superman, Bimco Shipman and Remote Operation center

DNV.GL DNV ship classification

Sjøfartsdirektoratet Norwegian Maritime Authority NMD Public Control of the Seaworthiness of Ships

Status of the all electric transport chain

- Vessels in commercial operations with reduced frequency
- Operates autonomously with a reduced amount of crew
- Awaiting delivery of our all electric tractors
- Distribution in Østfold from the port of Moss
- Inbound transport for ASKO Transport
- ASKO OSLOFJORD started usage of sea drones in May 2023
- Zero emission sea service for EUROPRIS
- Zero emission sea service for NOAH to Langøya -Aug















Our priorities are to succeed with our first vessel's.

Scale up with the same type of vessel between other ports.

Zero emission Rocon vessel that reduces road transport and enables the switch to battery-electric trucks.

Zero-emission sea transport between Nordic port.







Our voyage together for an efficient and sustainable value chain