

A faded, grayscale image of the Stavanger flag serves as the background. The flag features a crown at the top, a central shield with a stylized face, and a banner at the bottom with the word 'STAVANGER'.

Environmental Plan 2020-2023

PRINCIPAL ENVIRONMENTAL OBJECTIVES FOR
THE PORT OF STAVANGER

**The ports in the region of Stavanger shall offer efficient,
competitive and eco-friendly services**

The Port of Stavanger plays a key role in terms of social development, and is responsible for helping ensure the owner municipalities achieve their environmental and climate goals.

Pursuant to the current strategy plan, the Port of Stavanger shall make efforts to build a green profile by ensuring both internal and external focus on the environment, in buildings and on the quays, providing green port services of an international standard and keeping the environment in mind during procurement and investments


The Port of Stavanger has approx. 50,000 port calls every year, more than 5,500 metres of quay, 680,000 m² of land area with some buildings and is visited by close to 500,000 cruise passengers. This requires consumption of water, fuel and energy, use of materials and chemicals, production of waste and sewage, noise and emissions to air and sea.

With the Environmental Plan 2020-2023, the Port of Stavanger aims to raise awareness of how port-related operations affect the environment. The initiatives detailed in the plan all aim to help minimise environmental impact. The Environmental Plan is a living document that is updated and specified continuously as part of the follow-up process. Reports on the Environmental Plan are submitted every six months to the Board of Directors and yearly to the owner municipalities as part of the Annual Report.


The Environmental Plan 2020-2023 is based on the UN's Sustainable Development Goals that are most closely associated with operations and development of the port. The Port of Stavanger has formulated one main objective for each of the Sustainable Development Goals. Each Sustainable Development Goal has related initiatives and KPIs.




Industry, innovation and infrastructure

Target area	Initiative / resources	Start-up	KPI
<p>7 REN ENERGI FOR ALLE</p>  <p>The Port of Stavanger shall provide clean energy on land and along quays</p>	Ensure that our port facilities are an energy hub for future energy carriers	2020	Updated zoning plans
	Establish shore power for cruise ships and other vessels	2020	Number of new shore power facilities per vessel type
	Efforts to ensure fossil-free sailing into and out of the port and time spent at quay at the Port of Stavanger	2020	Number of calls where time spent at quay, sailing in and out of the port are fossil-free
	Establish charging service for electric passenger vehicles when cruise ships call in to port	2021	Number of charging stations established


Industry, innovation and infrastructure

Target area	Initiative / resources	Start-up	KPI
<div> <div>9 INNOVASJON OG INFRASTRUKTUR</div>  </div> <p>The Port of Stavanger shall demonstrate readiness to make sustainable investments</p>	Pave the way for increased transfer of cargo from road to sea transport, in accordance with the "Sjøkart for grønn skipsfart" (Charting a course for green coastal shipping)	2020	Number of containers over quays Volume of general cargo Number of tonnes cargo Continual analysis of quay utilisation
	Help identify local solutions for electric power control governance to minimise need for grid development	2020	Realisation of Elnett 21 project (electric grid)
	Establish environmental requirements for all procurement	2020	Number of competitions completed with environmental requirements
	Facilitate smaller volumes of goods for businesses, arriving in Stavanger centre via sea transport	2020	Updated zoning plans Number of kg over quays
	Prioritise more eco-friendly materials for rehabilitation and maintenance of quay facilities	2020	Number of documented eco-friendly materials selected (EPD, LCA, LCC etc.)
	Invest in new technology for more efficient logistics in new and existing facilities	2021	Realisation of the digitalisation strategy Average loading/unloading time
	Digitalise monitoring, reading and operation of buildings and facilities	2021	Realisation of the digitalisation strategy


Sustainable cities and communities

Target area	Initiative / resources	Start-up	KPI
 <p>11 BÆREKRAFTIGE BYER OG SAMFUNN</p> <p>The Port of Stavanger shall contribute to sustainable development where sea meets land</p>	Implement restrictions on noisy port operations in the city centre	2020	Restriction implemented
	Facilitate positive urban development along quays	2022	Number of realised initiatives from the Skagenkaien feasibility study
	Improve cycle parking and wardrobe facilities at the port	2020	Number of cycle parking spaces Number of appropriate wardrobe facilities
	Prepare and implement strategy for utilisation of own rooftop areas for environmental initiatives	2021	Strategy prepared Number of initiatives implemented
	Facilitate mobility hub for seamless transition from sea to land	2021	Number of realised initiatives from the city centre plan


Establish environmental requirements

Target area	Initiative / resources	Start-up	KPI
<div> <div>12 ANSVARLIG FORBRUK OG PRODUKSJON</div>  </div> <p>The Port of Stavanger shall establish environmental requirements for all port-related operations</p>	Prioritise eco-friendly vessels	2020	Number of vessels with ESI/EPI Average score for ESI/EPI Gradual enforcement of differentiated port fees
	Eco-certified building and construction projects	2020	Number of environmental certificates
	Contribute towards increased sorting of waste within own operations and customers' operations	2020	Follow-up of waste management plan Measure level of waste sorting and volumes of waste
	Facilitate receipt of more waste fragments from vessels (e.g., scrubber waste and oily products)	2021	Number of waste fragments and volume of waste received
	Plan for reuse of masses/materials in projects	2020	Updated zoning plans Volume of reused materials and masses
	Implement systematic energy monitoring	2020	Statistics over energy consumption

80% reduction in greenhouse gas emissions

Target area	Initiative / resources	Start-up	KPI
<p>13 STOPPE KLIMAENDRINGENE</p>  <p>The Port of Stavanger shall reduce greenhouse gas emissions from own operations by 80% by 2030</p>	Replace Svanen with an electric port boat	2020	Electric port boat commissioned
	Pave the way for port activities with low greenhouse gas emissions	2020	Share of electric vehicles and machines on quays
	Purchase more electric cars	2022	Number and share of electric cars
	Demand zero-emission construction machinery	2020	Number of projects with zero-emission machines

Reduced waste and emissions to sea

Target area	Initiative / resources	Start-up	KPI
<div> <div> 14 LIV UNDER VANN  </div> <div> The Port of Stavanger shall help minimise waste and emissions to sea </div> </div>	Introduce environmental measures for washing cars on quay	2020	Sewage with oil separator established Environmental documentation of detergents
	Zero-emissions of untreated wastewater from buildings and facilities	2021	Condition evaluation completed Initiatives implemented based on condition evaluation
	Net reduction of fender tyres on seabed	2021	Number of tyres recovered from sea
	Zero emission of environmental toxins from maintenance and painting ships alongside quay	2020	Environmental documentation for paint and antifouling substances for own use Restriction/physical measures introduced and communicated
	Establish facility to receive wastewater from ships	2020	Number and type of these facilities established

Extensive collaboration in order to achieve environmental objectives

Target area	Initiative / resources	Start-up	KPI
<p>17 SAMARBEID FOR Å NÅ MÅLENE</p>  <p>The Port of Stavanger shall influence and listen to customers, suppliers and partners in order to reach our environmental goals and those of our owner municipalities</p>	Present and share experience from our environmental work in national and regional fora	2020	Number of presentations held
	Regular dialogue meetings with neighbours and owners (Risavika, city centre, Mekjarvik)	2020	Number of meetings held
	Take part in and contribute to activities that generate spin-off effect for society	2020	Number and type of activities
	Regular dialogue meetings with lessees to encourage them to help us achieve our environmental objectives and those of our owner municipalities	2021	Number of meetings held Number of initiatives implemented as a result of meetings
	Six-monthly internal follow-up of plan	2020	Number of follow-up meetings held