

SUSTAINABILITY REPORT 2022



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1. Introduction

Øglænd System was established in Sandnes in 1977 and was part of the local cornerstone company Jonas Øglænd. From day one, our goal has been to become the market-leading supplier of interdisciplinary suspension systems, cable ladders and cableways. Our systems must embrace all subjects in one and the same system!

The Øglænd System group is now an international group with several subsidiaries and agents spread around the world. The entire group is owned by the multinational company, Hilti Group, which is known for quality tools and fasteners in the construction, energy and industrial segments.



Øglænd System has factories located in Norway, Malaysia, China and Russia. All our global sales companies have local stock, which provides the market's best distribution network. Our support solutions for cables and pipes are used in several industries such as oil & gas, wind power, shipbuilding, infrastructure and aquaculture.

2. The year 2022

The Norwegian Transparency Act

The Norwegian Transparency Act came into force on 1 July 2022 and its main purpose is to promote companies' respect for fundamental human rights and decent working conditions in connection with the production of goods and services, and to ensure public access to information on how businesses deal with negative consequences for fundamental human rights and decent working conditions.

How do we in Oglænd System work with the Norwegian Transparency Act?

We welcome this initiative to increase focus on how businesses can be important contributors to promote human rights and ensure decent working conditions. It is important for us as a company to hold ourselves responsible and perform due diligence and work to avoid undesirable effects of all of our business relationships.

We will conduct due diligence in accordance with the OECD Guidelines for Multinational Enterprises. This will be accounted for in an annual report as outlined by the Transparency Act. [You can read our NTA report here.](#)

What fundamental processes do we have?

- Thorough supplier mapping and qualification process
- Follow up of suppliers
- Work in line with laws and recognized standards (such as ISO14001 and ISO45001)
- Ethical guidelines (Code of Conduct) for employees and suppliers
- Whistleblowing routines

How can you request information?

As stated in the Norwegian Transparency Act, anyone can submit a written request to obtain information about how businesses deal with negative consequences on fundamental human rights and decent working conditions.

Information requests can be sent to martin.mildestveit@oglaend-system.com. We will endeavor to provide you with a prompt response, and at the latest, 3 weeks from receiving the request.

3. Environmental management

Øglænd System AS has since 2013 been certified according to ISO 14001. The environmental management system is a natural part of our quality system that is worked on actively and continuously.

Certificates

We are certified in accordance with the following international standards:

- **ISO 9001:2015** (first time 1996) – Quality management system
- **ISO 14001:2015** (first time 2013) – Environmental management system
- **ISO 45001:2018** (first time 2013) – Occupational health and safety system



Memberships

- **Grønt Punkt**, proof that we actively participate in the collection and recycling of packaging
- **RENAS**, proof that we meet the requirements in Chapter 1 of “Avfallsforskriften” (Norwegian Waste Regulations), which contents is the handling of discarded electrical and electronic products.



4. Environmental policy

Oglaend System has a leading position among the suppliers of support systems in the world. We see it as our responsibility to develop the industry in line with the general development of society. This means that the company shall create value and employment, but also ensure that the company contributes to promoting considerations for health, safety, the environment (HSE) and reputation. Oglaend System's activities shall contribute to minimizing the impact on people and the environment.

We will accomplish our goals by the following arguments:

- Through continuous improvement of the company's strategy, risk analyzes, action plans with regard to health, environment and safety.
- By meeting the internal requirements, customers' requirements, regulations and laws that are relevant within the HSE area.
- By setting a clear goal of no injuries to personnel, external environment and equipment.
- Clear responsibilities for managers and employees.
- Competence mapping, continuous learning and improvement of the employees' applicable knowledge, to create motivated and healthy employees.
- By establishing challenging and clear goals, which are easy to evaluate in relation to goal achievement.
- Set the same strict requirements for our suppliers and try to influence our customers in the same direction.
- We will actively support measures to minimize a negative environmental impact.

Health	Environment	Safety
Actively prevent mental and physical health damages together with occupational health service provider (BHT) and safety delegates.	Risk assessment of environmentally aspects before starting new activities.	Training and motivation of safety culture.
Systematically identify health risks.	Encourage to develop products and conduct deliveries of products that do not give unnecessary environmental impacts.	Clear responsibilities.
Take action for suspected health burdens for employees.	Active management of the handling and storage of chemicals and materials.	Active management of operations.
Actively preventing injuries and preventing work-related illnesses.	Active and conscious behavior: <ul style="list-style-type: none"> - in procurement and to search for less hazardous substances - expenditure - waste management - recycling 	Emergency preparedness: <ul style="list-style-type: none"> - Fire - Security - Reputation
Actively work for a healthy psychosocial working environment	Actively work to reduce our and our customers CO2 emissions.	Safety should always be first priority in the execution of the job.

As a large consumer of steel, we have a responsibility to actively try to utilize the materials in such a way that they provide the least possible waste and unnecessary environmental impact.

The company has chosen to outsource the surface treatment of the company's products. This work must only be outsourced to approved suppliers who comply with all laws and regulations within the work area, and who have all the necessary permits from the authorities.

All company leaders, regardless of level, are actively leading by example, this also applies to environmental issues. They must actively motivate their employees to make efforts to protect the environment.

All employees in the company have an independent responsibility to limit the risk of health and environmental damage, and they actively utilize opportunities for improvement.

We will share our achievements in the HSE area with our customers and suppliers, and this information will be available to the public. This is done by publishing an annual sustainability report.

5. Environmental objectives

In 2022, Oglænd System had the following environmental goals for monitoring and reporting:

Subject	Target	Status
Recycling	0 deviations, i.e. no incorrect sorting	1 deviation
Reducing CO2 emissions	Decide «go/no-go» and possibly carry out 7 CO2 reduction projects	Performed, preliminary reduction of 84.4 TCO2e.
Improvement proposals external environment	>10	13 improvement proposals for employees regarding external environment

Our vision is to limit negative impact on the environment. We achieve this by defining and working actively with environmental aspects in all parts of the organization. This is a part of our daily work, and we follow up on the targets set for each object. We will share more about some of our environmental aspects here:

«Lokkebus»

In production, we collect all material waste from the perforation processes, this waste is called “lokkebus”. All “lokkebus” go to metal recycling.



Recycling

In the plant we are «best in class» on waste handling. We separate our waste in the following:

- Cardboard/paper
- Hard plastic
- Soft plastic
- Wood/pallets
- Stainless steel
- Carbon steel
- Aluminum
- Copper

As mentioned earlier in the report we have a defined goal of 0 deviations on recycling, i.e. no incorrect sorting.



Hazardous waste

All hazardous waste is declared and sent to an approved facility. Containers for hazardous waste are placed in a locked container and are marked with the correct waste substance number and name.

Electrical waste

All electrical waste is sent to an approved facility.

Chemicals

All chemicals are marked with product data sheets and are safely placed at our chemical stations in the factory.

All the chemicals we use are risk assessed at all locations. These risk assessments are revised annually – a total of 345 risk assessments.



Hydraulic oil

We focus on acquiring new technology that doesn't use hydraulics. We are analyzing oil samples and assessing the result before replacement. This has led to longer intervals between hydraulic oil changes.

ANALYSERAPPORT			
527610			
Kunde:	Øglænd System AS	Maskin:	Amada B
Gruppe:		Beskrivelse:	Kantpresse/knekke
		Serie nr:	Hydraulikksystem
Kontakt: Bestilling: Arbeidsordre:			
Prøve nr:	527610		
Sporings nr:	1003209		
Testpakke:	H100		
Kommentar Analysen avdekker ingen unormale fysiske og kjemiske egenskaper v. Det er synlige partikler i prøven. Hvis oljen skal brukes videre, vedlikeholds prosedyrer.			



ANALYSERAPPORT			
527612			
Kunde:	Øglænd System AS	Maskin:	Amada C
Gruppe:		Beskrivelse:	Kantpresse/knekke
		Serie nr:	Hydraulikksystem
Kontakt: Bestilling: Arbeidsordre:			
Prøve nr:	527612		
Sporings nr:	1003208		
Testpakke:	H100		
Kommentar Analysen avdekker ingen unormale fysiske og kjemiske egenskaper v. Det er synlige partikler i prøven. Hvis oljen skal brukes videre, vedlikeholds prosedyrer.			

ANALYSERAPPORT			
527609			
Kunde:	Øglænd System AS	Maskin:	Amada A
Gruppe:		Beskrivelse:	Knekke/Kantpresse
		Serie nr:	Hydraulikksystem
Kontakt:		Lokasjon:	
Bestilling:		Merke:	(L)
Arbeidsordre:		Modell:	
Prøve nr:	527609	Prøve dato:	19.10.2020
Sporings nr:	1003210	Mottatt:	23.10.2020
Testpakke:	H100	Rapportert:	
Kundekommentarer Lurer på om oljen må byttes			
Kommentar Analysen avdekker ingen unormal slitasje eller forurensning i oljen. Vanninnholdet er normalt. Oljens fysiske og kjemiske egenskaper virker å være innenfor spesifikasjonene for en ISO VG 46 olje. Hvis oljen skal brukes videre, vennligst sørg for å følge filterskift intervaller og andre planlagte vedlikeholds prosedyrer.			

In 2022, we saved 1375 liters of oil, which corresponds to 1.2 TCO_{2e}.

Electrical energy

When investing in new machines, we focus on acquiring e-machines. To date, the factory has 2 e-machines, one of which was new in 2020 (ref. Prima-Power Sge-6 EI Servo-Drift). The table below shows how much reduction in electricity consumption there is by switching to e-machines.

Prima-Power Sge-6 EI Servo-power	Finn-Power SG6 F4 Hydraulic
	
Energy consumption: 5 kW	30 kW
Power: Servo-electric	Hydraulics double pressure high pressure / low pres for lower power consumption (300/180 bar) depending on punching force
Benefits: Low power consumption Faster movements Lower maintenance costs	

LED light sources

When old light sources need to be changed, we change to LED light both in the factory and in stock. In the new office building, we only have LED lights that are controlled by motion sensors in several zones.

In 2022, we switched to LED light sources with sensors several places in the factory and in the warehouse. Around 200 light sources were replaced, in terms of electricity consumption this corresponds to a CO2 reduction of 79.4 TCO2e.

Transport

Transport and logistics are optimized by us coordinating most of the shipping from the factory. Due to our central location, we are close to many relevant suppliers and customers. To limit our environmental footprint, we have prepared requirements for our partners and suppliers, we also follow up the work rights of the drivers with prepared routines for information and care.

Travel to work

To motivate our employees to leave the car standing, we pay a mileage allowance to employees who walk/run/cycle to work. In 2021, we increased the mileage allowance rate and in 2022 all employees were offered a bike leasing agreement. This has contributed to twice as many people choosing to walk/run/cycle to work in 2022 compared to the previous year.

In 2022, our employees saved 5 TCO_{2e} by walking/running/cycling rather than taking the car to work.

6. Environmental accounting

Waste

Waste handling Øglænd System AS 2019-2022								
Fraction name	2019		2020		2021		2022	
	Amount	in %	Amount	in %	Amount	in %	Amount	in %
Metal stainless steel	611.577 T	54.76%	580.734 T	58.10%	709 T	63.14%	816 T	74,52%
Metal carbon steel	430.402 T	38.54%	327.344 T	32.75%	325 T	28.94%	227 T	20,73%
Treated wood	44.24 T	3.96%	57.19 T	5.72%	48.06 T	4.28%	22,52 T	2,06%
Mixed waste	10.32 T	0.92%	14.56 T	1.46%	14.1 T	1.26%	7,7 T	0,70%
Brown paper (cardboard)	8.4 T	0.75%	4.7 T	0.47%	7.32 T	0.65%	7 T	0,64%
Packaging plastic, hard	4.6 T	0.41%	4.97 T	0.50%	4.97 T	0.44%	5,25 T	0,48%
Mixed paper, cardboard	0 T	0.00%	0.5 T	0.05%	3.36 T	0.30%	2,077 T	0,19%
Oil-contaminated mass, liquid, barrel	1.79 T	0.16%	1.471 T	0.15%	2.306 T	0.21%	1,56 T	0,14%
Office paper (shredded)	0.048 T	0.00%	0.127 T	0.01%	2.279 T	0.20%	1,498 T	0,14%
Foil plastic, glossy / uncoloured	1.42 T	0.13%	1.1 T	0.11%	1.98 T	0.18%	1,113 T	0,10%
Electrical waste	0.05 T	0.00%	0.04 T	0.00%	1.24 T	0.11%	1,044 T	0,10%
Oil emulsions, IBC	2.723 T	0.24%	3.809 T	0.38%	1.118 T	0.10%	0,8 T	0,07%
Oil emulsions, barrel	0.078 T	0.01%	0 T	0.00%	1.118 T	0.10%	0,56 T	0,05%
Slag, dust, fly ash, barrel JIB C	0.555 T	0.05%	0.81 T	0.08%	0.498 T	0.04%	0,415 T	0,04%
Waste oil, ref. barrel	0.3 T	0.03%	0.813 T	0.08%	0.25 T	0.02%	0,154 T	0,01%
Waste oil, ref. IBC	0 T	0.00%	0.57 T	0.06%	0.136 T	0.01%	0,097 T	0,01%
Paint, glue, lacquer, small containers <200 ltr	0.057 T	0.01%	0.027 T	0.00%	0.053 T	0.00%	0,073 T	0,01%
Spray cans, barrel JIBC	0.045 T	0.00%	0 T	0.00%	0.042 T	0.00%	0,047 T	0,00%
Blowing sand, slightly contaminated, bulk	0.223 T	0.02%	0 T	0.00%	0 T	0.00%	0,036 T	0,00%
Oil-contaminated mass, liquid, IBC	0 T	0.00%	0.737 T	0.07%	0 T	0.00%	0,033 T	0,00%
Lead accumulator (batteries)	0 T	0.00%	0.011 T	0.00%	0 T	0.00%	0,007 T	0,00%
Total	1116.828 T	100.00%	999.513 T	100.00%	1122.83 T	100.00%	1094,984 T	100,00%

We are pleased to have reduced the proportion of mixed waste to just 0.7% of the total.

This is mainly due to the move to a new office building and a major clean-up in connection with this.

Energy

Over the past few years, we have increased our production and storage areas by approximately 2800 m². This have resulted in increased energy consumption. We use electricity to operate the factory and office, in addition we use gas for heating in the factory (production and warehouse).

We are constantly focusing on reducing our CO₂ emissions, and in recent years we have had several improvements related to electricity consumption:

- Continuous changing to LED light sources in factory and warehouse
- Continuous monitoring of compressed air consumption to stop any leaks
- New, modern office building with energy label «A», which is the best possible. All light sources are LED and are controlled by motion sensors in several zones per floor. Heating / cooling of the office building by heat pumps, the ventilation system is controlled by an SD system that regulates the ventilation as needed in each zone.







	2019	2020	2021	2022
Electricity	1 880 339 kWh	1 839 101 kWh	2 009 701 kWh	1 800 606 kWh
Gas	219 932 kWh	307 372 kWh	346 985 kWh	272 756 kWh
Oil	0 kWh	0 kWh	0 kWh	0 kWh
Other energy, district heating	0 kWh	0 kWh	0 kWh	0 kWh





7. Our products

«Environmental footprint»

In 2018 we prepared, in collaboration with NTNU and EPD-Norway, “Environmental product declaration” (EPD) for all our product groups. The EPDs show the products' environmental performance throughout the life cycle and are based on the international standards ISO 14025, ISO 21930 and EN 15804.

 epd-norge.no The Norwegian EPD Foundation	Program holder and publisher The Norwegian EPD Foundation Post Box 5250 Majorstuen, 0303 Oslo Norway
	Owner of the declaration Øglænd System AS Engelsvollvegen 264 4353 Klepp St., Norway
	Author of the Life Cycle Assessment Annik Magerholm Fet Høgskoleringen 1 7491 Trondheim

EPD-nr.	Produktgruppe	
NEPD-1618-644	Pre-Galvanized-Carbon-Steel-Products	 ENVIRONMENTAL PRODUCT DECLARATION in accordance with ISO 14025, ISO 21930 and EN 15804 Owner of the declaration: Øglænd System AS Program operator: The Norwegian EPD Foundation Publisher: The Norwegian EPD Foundation Declaration number: NEPD-1618-644-EN Registration number: NEPD-1618-644-EN ECO Platform reference number: - Issue date: 06.09.2018 Valid to: 06.09.2023 Pre Galvanized Carbon Steel Products  Øglænd System AS
NEPD-1619-644	Machined-and-Hot-Dip-Galvanized-Carbon-Steel-Products	 ENVIRONMENTAL PRODUCT DECLARATION in accordance with ISO 14025, ISO 21930 and EN 15804 Owner of the declaration: Øglænd System AS Program operator: The Norwegian EPD Foundation Publisher: The Norwegian EPD Foundation Declaration number: NEPD-1619-644-EN Registration number: NEPD-1619-644-EN ECO Platform reference number: - Issue date: 06.09.2018 Valid to: 06.09.2023 Machined and Hot Dip Galvanized Carbon Steel Products  Øglænd System AS
NEPD-1620-644	Welded-and-Pickled-Stainless-Steel-Products	 ENVIRONMENTAL PRODUCT DECLARATION in accordance with ISO 14025, ISO 21930 and EN 15804 Owner of the declaration: Øglænd System AS Program operator: The Norwegian EPD Foundation Publisher: The Norwegian EPD Foundation Declaration number: NEPD-1620-644-EN Registration number: NEPD-1620-644-EN ECO Platform reference number: - Issue date: 06.09.2018 Valid to: 06.09.2023 Welded and Pickled Stainless Steel Products  Øglænd System AS

EPD-nr.	Produktgruppe																	
NEPD-1621-644	Stainless-Steel-Products	 <p>ENVIRONMENTAL PRODUCT DECLARATION in accordance with ISO 14025, ISO 21930 and EN 15804</p> <table border="1"> <tr> <td>Owner of the declaration:</td> <td>Øglænd System AS</td> </tr> <tr> <td>Program operator:</td> <td>The Norwegian EPD Foundation</td> </tr> <tr> <td>Publisher:</td> <td>The Norwegian EPD Foundation</td> </tr> <tr> <td>Declaration number:</td> <td>NEPD-1621-644-EN</td> </tr> <tr> <td>Registration number:</td> <td>NEPD-1621-644-EN</td> </tr> <tr> <td>ECO Platform reference number:</td> <td>-</td> </tr> <tr> <td>Issue date:</td> <td>06.09.2018</td> </tr> <tr> <td>Valid to:</td> <td>06.09.2023</td> </tr> </table> <p>Stainless Steel Products Øglænd System AS</p> 	Owner of the declaration:	Øglænd System AS	Program operator:	The Norwegian EPD Foundation	Publisher:	The Norwegian EPD Foundation	Declaration number:	NEPD-1621-644-EN	Registration number:	NEPD-1621-644-EN	ECO Platform reference number:	-	Issue date:	06.09.2018	Valid to:	06.09.2023
Owner of the declaration:	Øglænd System AS																	
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Declaration number:	NEPD-1621-644-EN																	
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ECO Platform reference number:	-																	
Issue date:	06.09.2018																	
Valid to:	06.09.2023																	
NEPD-1622-644	Aluminium-Products	 <p>ENVIRONMENTAL PRODUCT DECLARATION in accordance with ISO 14025, ISO 21930 and EN 15804</p> <table border="1"> <tr> <td>Owner of the declaration:</td> <td>Øglænd System AS</td> </tr> <tr> <td>Program operator:</td> <td>The Norwegian EPD Foundation</td> </tr> <tr> <td>Publisher:</td> <td>The Norwegian EPD Foundation</td> </tr> <tr> <td>Declaration number:</td> <td>NEPD-1622-644-EN</td> </tr> <tr> <td>Registration number:</td> <td>NEPD-1622-644-EN</td> </tr> <tr> <td>ECO Platform reference number:</td> <td>-</td> </tr> <tr> <td>Issue date:</td> <td>06.09.2018</td> </tr> <tr> <td>Valid to:</td> <td>06.09.2023</td> </tr> </table> <p>Aluminium Products Øglænd System AS</p> 	Owner of the declaration:	Øglænd System AS	Program operator:	The Norwegian EPD Foundation	Publisher:	The Norwegian EPD Foundation	Declaration number:	NEPD-1622-644-EN	Registration number:	NEPD-1622-644-EN	ECO Platform reference number:	-	Issue date:	06.09.2018	Valid to:	06.09.2023
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ECO Platform reference number:	-																	
Issue date:	06.09.2018																	
Valid to:	06.09.2023																	

Hazardous substances in our products

We confirm in our statements that the products we produce:

- are asbestos-free;
- do not contain dangerous substances;
- are produced according to RoHs
- are according to REACH and contains no chemicals from the candidate list