

# ENVIRONMENT AND SUSTAINABILITY

REPORT 2023

NORDOX AS



Starting in 2023, and in line with our Environmental and Sustainability Policy, Nordox issues an Annual Environment and Sustainability Report giving an update on Nordox' status, progress and aims with regards to environmental performance. A 2024 report will be issued in April 2024, including updated data for calendar year 2023.

Nordox' production activities are limited to a single site in Oslo, Norway and are reported to and closely monitored by the Norwegian Environment Agency (Miljødirektoratet). The values listed in the tables below represent publicly available data relating to Nordox operations. Annual values are updated in April of the following year when reported to the Norwegian Environment Agency.

The aim of this document is to give a comprehensive presentation of Nordox' environmental sustainability performance, and we trust that this document provides our stakeholders with a holistic structure sufficiently comprehensive to be included in the consideration of Nordox' impact on their own environmental sustainability profile. Most importantly we hope that this document gives our customers the information needed to rate Nordox as an attractive partner also from an environmental sustainability point-of-view.

## ENERGY CONSUMPTION & GHGS

### Scope 1 & 2 Emissions and Energy Consumption

	2021	2022	2023	Comments
Net(1) electricity consumption (MWh/year)	18 845	18 130		
Diesel consumption (mt/year)	1	0		
Light fuel oil consumption (mt/year)	801	848		
Light fuel oil (2) consumption (MWh equiv./year)	8 502	8 989		
Total production (mt finished product/year)	25 667	27 878		
Energy consumption (MWh/mt Cu <sub>2</sub> O)	1.58	1.45		
Plant total GHG emissions to air (mt)	1 800	2 000		
GHG emissions to air (kg/mt Cu <sub>2</sub> O)	100	100		
% renewable sources of electricity	69%	67%		
Cd emissions to air (kg/year)	0.00	0.00		
Pb emissions to air (kg/year)	0.02	0.00		
Cu emissions to air (kg/year)	37.1	50.2		

1) Net of supplement to produce hot water for sale

2) 1 mt = 10.6 MWh

Source: norskeutslipp.no, Nordox AS

### Scope 3 Upstream Emissions and Energy Consumption

	2021	2022	2023	Comments
Recycled copper transport (kg per mt Cu <sub>2</sub> O)	10	10	10	
Transport of finished product (kg per mt Cu <sub>2</sub> O)	80	80	80	
Corporate travelling (kg per mt Cu <sub>2</sub> O)	<1	<1	2.5	

Source: Nordox AS

## Scope 4 Avoidance of Emissions, Waste Streams, and Energy Consumption

	2021	2022	2023	Comments
Avoidance of excessive fuel consumption	Not calculated	Not calculated		
Protecting plants against fungus and other pests				
Protecting other property against				
Avoiding refinery of recycled copper (mt GHG per mt Cu <sub>2</sub> O)	Approx. 2.0	Approx. 2.0		
Electricity offset by excess hot water sold for heating (MWh)	400	400	400	

Source: Nordox AS

## WATER

Find below our water consumption and measured releases of relevant chemicals to the communal wastewater system for the past three years.

	2021	2022	2023	Comments
Water(3) consumption (m <sup>3</sup> /year)	19 185	16 404	14 242	
Water consumption (m <sup>3</sup> /mt Cu <sub>2</sub> O)	1.23	0.90		
Cd emissions to water (kg/year)	0.01	0.00		
Pb emissions to water (kg/year)	0.02	0.00		
Cu emissions to water (kg/year)	0.83	0.21		

## LOCAL & ACCIDENTAL POLLUTION

No incidents of accidental pollution were reported at our production facility in the current reporting period.

## MATERIALS, CHEMICALS & WASTE

### Scope 3 Downstream Emissions and Waste Streams

Most of the waste produced by our production process contains high concentrations of copper and is classified as hazardous waste, but we sell almost 100% of this waste to recyclers.

	2021	2022	2023	Comments
Hazardous waste (mt/year)	126.5	105.4		
Waste products generated (kg per mt Cu <sub>2</sub> O)	7.4	5.8		
% recycling rate for generated hazardous waste	100%	99.6%		
Inorganic non-hazardous waste (mt/year)	55.2	58,1		
Metals, non-hazardous waste (mt/year)	22.1	15.2		
Paper, non-hazardous waste (mt/year)	1.9	2.8		
Plastics, non-hazardous waste (mt/year)	11.4	13.3		
Organic, non-hazardous waste (mt/year)	14.3	10.6		
% recycling rate for non-hazardous waste	100%	100%		

Source: norskeutslipp.no

Lars Tomasgaard  
Managing Director

Oslo, December 22<sup>nd</sup> 2023



# APPENDIX I: ECOVADIS APPRAISAL

## NORDOX AS

Oslo - Norway | Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in

Publication date: 3 Feb 2023

Valid until: 3 Feb 2024



**72** /100  
96<sup>th</sup>  
percentile

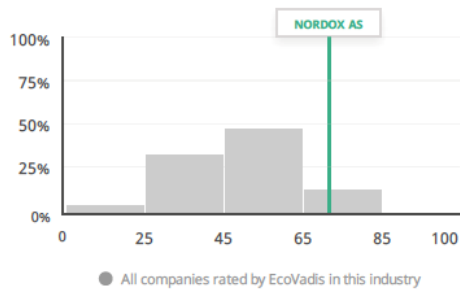
### SUSTAINABILITY PERFORMANCE OVERVIEW

#### Score breakdown

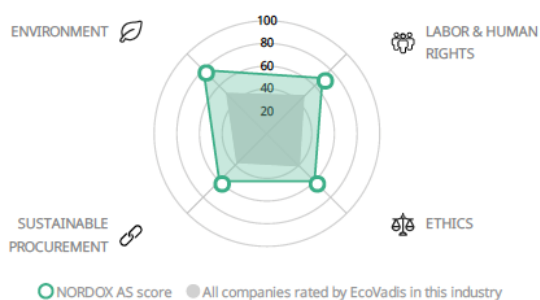
Sustainability performance    ● Insufficient    ● Partial    ● Good    ● Advanced    ● Outstanding    — Average score



#### Overall score distribution



#### Theme score comparison



\* You are receiving this score/medal based on the disclosed information and news resources available to EcoVadis at the time of assessment. Should any information or circumstances change materially during the period of the scorecard/medal validity, EcoVadis reserves the right to place the business' scorecard/medal on hold and, if considered appropriate, to re-assess and possibly issue a revised scorecard/medal.



## HIGHLIGHTS

---

### Overall score

NORDOX AS is in the top **5%** of companies rated by EcoVadis in the Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in industry.

### Environment

NORDOX AS is in the top **8%** of companies rated by EcoVadis in the Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in industry.

### Labor & Human Rights

NORDOX AS is in the top **14%** of companies rated by EcoVadis in the Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in industry.

### Sustainable Procurement

NORDOX AS is in the top **13%** of companies rated by EcoVadis in the Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in industry.

### Ethics

NORDOX AS is in the top **27%** of companies rated by EcoVadis in the Manufacture of basic chemicals, fertilizers and nitrogen compounds, plastics and synthetic rubber in industry.

