



Climate Account 2024

Following the CSRD E1-6 and E1-5
NIRAS Group

April 2025

Content

1	Introduction.....	3
2	Climate account results 2024.....	3
3	Energy consumption and -mix 2024.....	5
4	Method	5
	Appendix 1 NIRAS Group Climate Accounting Practice	6

1 Introduction

NIRAS is an international multidisciplinary consultancy company headquartered in Denmark with activities in countries across the world. The aim of the climate account is to estimate the greenhouse gas emissions caused by NIRAS' worldwide activities.

This climate account presents the overall results for the period January 1st to December 31st 2024.

NIRAS Group climate account is based on the standards and methods of the Greenhouse Gas Protocol¹ and reports the emissions of Scope 1, 2 and 3 in CO₂ equivalents (CO₂e).

Data is collected and results calculated for the three largest represented countries in NIRAS Group: Denmark, Sweden and United Kingdom. The results are then extrapolated on to the remaining countries and companies.

The full description of methodology for data collection, emission calculation, result extrapolation, boundary setting, and assumptions are documented in Appendix 1 of the NIRAS Group Accounting Practice.

2 Climate account results 2024

The total scope 1, 2 and 3 emissions from NIRAS' worldwide activities in 2024 are approx. 22.000 ton CO₂e. Table 2.1 below presents the results distributed in Scopes.

Table 2.1 Total scope 1, 2 and 3 emissions in 2024 (following the market based approach) distributed in scopes 1, 2 and relevant scope 3 categories.

GHG-categories Ton CO ₂ e	Scope 1	Scope 2	Scope 3	Total	% of total
1. Purchased Goods and Services	-	-	12.706	12.706	58%
2. Capital Goods	-	-	1.672	1.672	8%
3. Fuel- and Energy Related Activities	774	442	345	1.561	7%
Natural gas	350	-	89	439	2%
Electricity Buildings	-	180	116	297	1%
<i>Extrapolated*</i>	136	77		213	1%
Diesel	151	-	45	196	1%
Petrol	135	-	44	180	1%
District heating	-	99	27	125	1%
Electricity Cars	-	85	19	104	0%
Wood pellets	1	-	6	7	0%
6. Business Travel	-	-	3.277	3.277	15%
7. Employee Commuting	-	-	2.741	2.741	12%
Total	774	442	20.741	21.957	100%
% of total	4%	2%	94%	21.957	100%

*Includes non-categorized extrapolated scope 1 and 2 emissions calculated based on DK, UK and SE results.

¹ ghgprotocol.org/standards

Table 2.2 show total emissions from Scope 1, 2 and 3 distributed in the three overall consumption categories Energy, Purchases and Transport.

Purchases constitute 65% of the total emissions while Transport covers 30% and Energy covers 5% (Table 2.2)

Table 2.2 Total scope 1, 2 and 3 emissions in 2024 following the market based approach distributed in consumption categories.

Consumption Category	Ton CO ₂ e	% of total
Purchase	14.378	65%
Operation and maintenance of buildings	2.492	11%
IT	2.228	10%
Various purchases	1.931	9%
Canteen	1.788	8%
Assets	1.672	8%
Various services	1.557	7%
Meetings, hotels and restaurants	1.284	6%
Vehicles	858	4%
Seminars, conferences and education	335	2%
Subscriptions, memberships, sponsorships, networking	215	1%
Social arrangements	18	0%
Transport	6.497	30%
Employee commuting	2.741	12%
Business travel by airplane	1.837	8%
Business Travel - Employee cars	1.053	5%
Other transport	387	2%
Diesel	196	1%
Petrol	180	1%
Electricity cars	104	0%
Energy	1.082	5%
Natural gas	439	2%
Electricity Buildings	297	1%
<i>Extrapolated*</i>	213	1%
District heating	125	1%
Wood pellets	7	0%
Total	21.957	100%
*Includes non-categorized extrapolated scope 1 and 2 emissions calculated based on DK, UK and SE results. Extrapolated scope 3 emissions are included in the other consumption categories.		

Table 2.3 divides the emissions from NIRAS Group into Scope 1, 2 and 3 following the location based approach. In the location based approach, purchase and sale of renewable energy based electricity, is not taken into account. The approach is further described in Appendix 1.

Table 2.3 Total scope 1, 2 and 3 emissions in 2024 following the location based approach.

Location based method	Scope 1	Scope 2	Scope 3	Total
Ton CO₂e	774	370	20.895	22.040

3 Energy consumption and -mix 2024

The calculation of NIRAS Group energy consumption and -mix covers the energy consumption within NIRAS' own operations, specifically energy consumption that leads to emissions within scopes 1 and 2. The energy mixes are calculated using a market-based approach, which includes the purchase of GoO's and follows ESRS E1-5.

Actual energy consumptions and mixes are calculated for NIRAS' offices in Denmark, the United Kingdom, and Sweden. Energy consumption for other offices is estimated through extrapolation as described in Appendix 1.

Tabel 3.1 Overview of NIRAS Group energy consumption and -mix of energy sources following CSRD E1-5.

Energy consumption- and mix	
Consumption of fossil energy sources	
Total energy consumption from fossil sources [MWh]	4.217
Percentage of fossil sources in total energy consumption in %	43%
Consumption of energy from nuclear sources	
Total energy consumption from nuclear sources [MWh]	167
Percentage of energy consumption from nuclear sources in total energy consumption in %	2%
Consumption of renewable energy	
Fuel consumption from renewable sources	1.297
Consumption of purchased or acquired electricity, heat, steam, and cooling from renewable sources [MWh]	3.875
Consumption of self-generated non-fuel renewable energy [MWh]	208
Total energy consumption from renewable sources [MWh]	5.379
Percentage of renewable sources in total energy consumption in %	55%
Total energy consumption related to own operations [MWh]	9.763
Renewable energy production (sales to the grid)*	12
*Not extrapolated and is the actual value for DK.	

4 Method

Appendix 1 NIRAS Group Climate Accounting Practice describes methods and data used to establish the NIRAS Group climate account and energy consumption- and mix.

Appendix 1 NIRAS Group Climate Accounting Practice