Year 2024

Executive Summary

GHG emissions report

Levidian Nanosystems Ltd

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2024
Silver
Climate Strategy Rating
TOP 15%

09/09/2025

Overview

1 **Emissions report**
- GHG emissions assessment scopes
- Executive summary of carbon footprint

2 **A closer look at your main emissions**
- A slide for each of your 4 largest emission items

3 **Conclusion**
- Summary of next steps
- Your Greenly score

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Emissions Report

GHG emissions assessment scopes

Entity

Levidian Nanosystems Ltd
From January 2024 to December 2024

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Primary data

Accounting data
Employee survey
Buildings data
Activity data from the following modules: End–Of–Life
Treatment of Sold Products, Processing and Use of Sold
Products, Travels, Waste

Methodology

Official and approved GHG Protocol methodology; GWP 100

Emissions generated in and outside the country of operation are
accounted for. The methodological details of the calculation of
each carbon footprint source are available on the Greenly
platform.

Measurement scope
All emissions under operational control

✔ Category included
○ Category excluded
✖ Category irrelevant

Scope 1
✔ 1.1 Generation of electricity, heat or steam
✔ 1.2 Transportation of materials, products, waste, and employees
✔ 1.3 Physical or chemical processing
✔ 1.4 Fugitive emissions

Scope 2
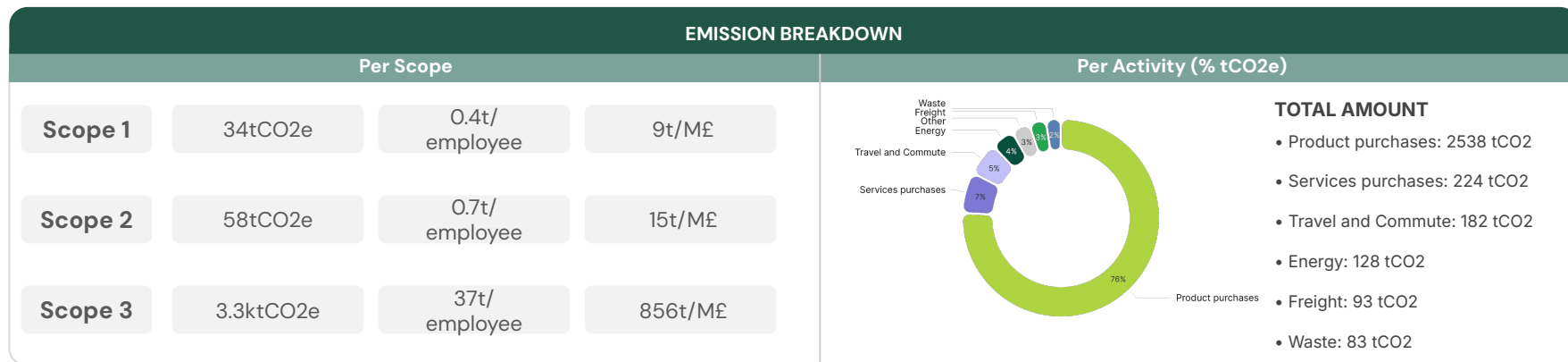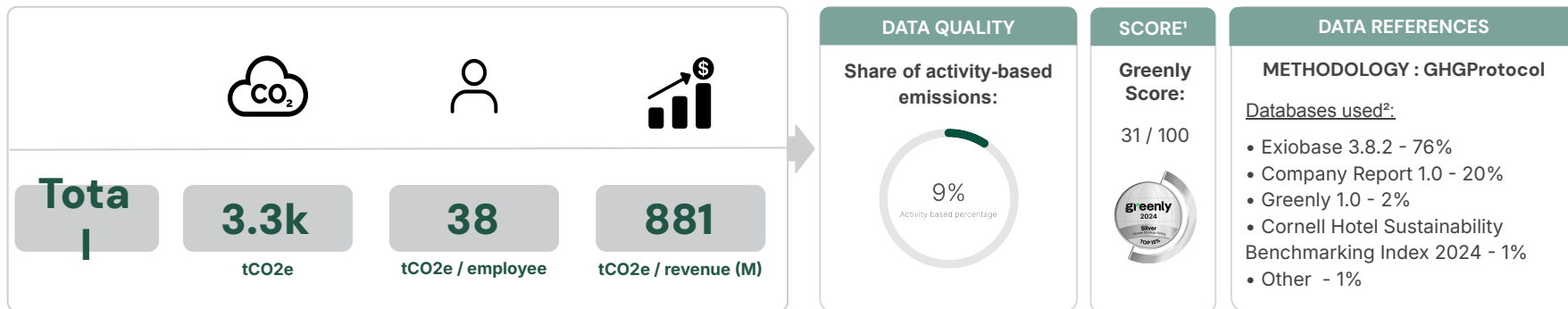✔ 2.1 Electricity related indirect emissions
✖ 2.2 Steam, heat and cooling related indirect emissions

Scope 3
✔ 3.1 Purchased goods and services
✔ 3.2 Capital goods
✔ 3.3 Fuel- and energy- related activities not included in Scope 1 or Scope 2
✔ 3.4 Upstream transportation and distribution
✔ 3.5 Waste generated in operations
✔ 3.6 Business travel
✔ 3.7 Employee commuting
✔ 3.8 Upstream leased assets
○ 3.9 Downstream transportation and distribution
✔ 3.10 Processing of sold products
✔ 3.11 Use of sold products
✔ 3.12 End-of-life treatment of sold products
✖ 3.13 Downstream leased assets
✖ 3.14 Franchises
✖ 3.15 Investments

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Executive summary of carbon footprint of Levidian Nanosystems Ltd

Total			
	3.3k	**38**	**881**
	tCO2e	tCO2e / employee	tCO2e / revenue (M)

DATA QUALITY

Share of activity-based emissions:

9%
Activity based percentage

SCORE[1]

Greenly Score:

31 / 100

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2024
Silver
TOP 15%

DATA REFERENCES

METHODOLOGY : GHGProtocol

Databases used[2]:

- Exiobase 3.8.2 - 76%
- Company Report 1.0 - 20%
- Greenly 1.0 - 2%
- Cornell Hotel Sustainability Benchmarking Index 2024 - 1%
- Other - 1%

EMISSION BREAKDOWN

Per Scope

Scope 1	34tCO2e	0.4t/ employee	9t/M£
Scope 2	58tCO2e	0.7t/ employee	15t/M£
Scope 3	3.3ktCO2e	37t/ employee	856t/M£

Per Activity (% tCO2e)

Waste
Freight
Other
Energy
Travel and Commute
Services purchases
4%
3% 3% 2%
5%
7%
76%
Product purchases

TOTAL AMOUNT

- Product purchases: 2538 tCO2
- Services purchases: 224 tCO2
- Travel and Commute: 182 tCO2
- Energy: 128 tCO2
- Freight: 93 tCO2
- Waste: 83 tCO2

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Emission Sources Deep Dive

Focus on Product purchases

Activity data	Expense data
0 tCO2e (0%)	2.5k tCO2e (100%)

Product purchases emissions by category
(% tCO2e)

Other
Metals
Electronic equipment
Various purchases
11%
4%
4%
2.5k
tCO2e
51%
Manufactured goods
28%
Machinery and equipment

76% of total
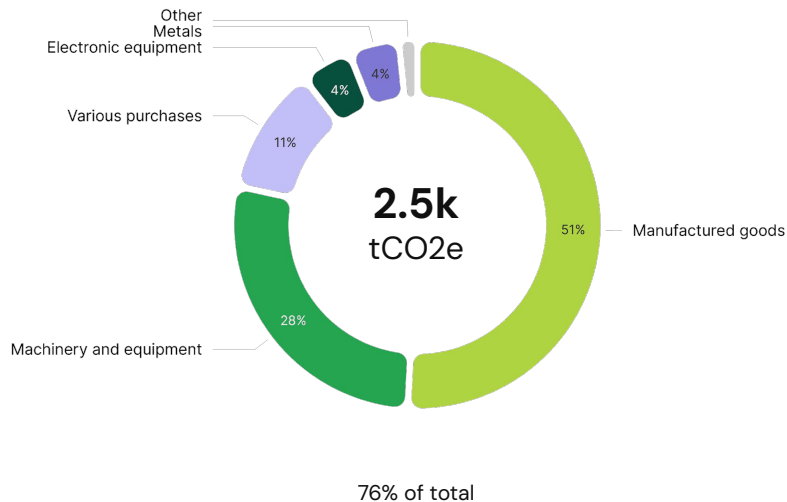
What is included in this category?

CO2 emissions from purchased products, covering raw material extraction and manufacturing. Excludes transport and end-of-life emissions.

How to reduce the impact of this category?

You can adopt the following measures[1] :
• Choose packaging made from recycled raw materials - Plastic
• Encourage the reuse of parts when repairing machines
• Implement carbon impact conditions in your product purchase policy

Methodology

1. Emissions calculated using expense data, by multiplying a quantity by an emission factor.

2. The emission factors used for this category come from the following databases: Base Empreinte Ademe 23.5, Company Report 1.0, Exiobase 3.8.2, Greenly 1.0

3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.
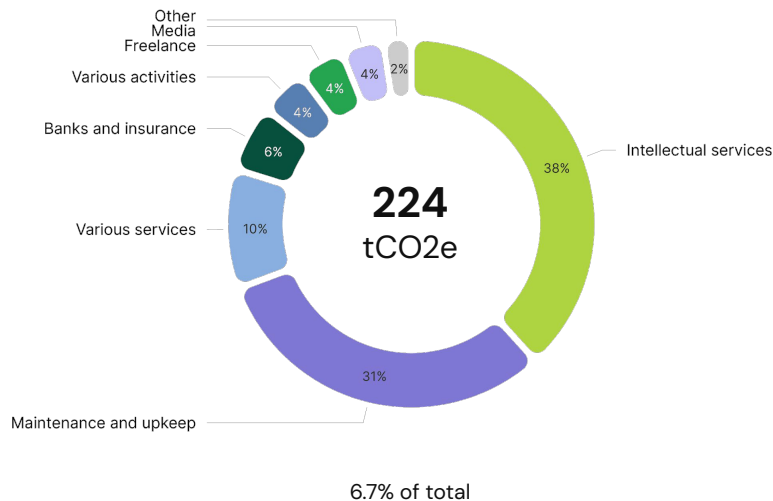
[1] Check out Greenly's library of reduction actions here

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Focus on Services purchases

Activity data	Expense data
0 tCO2e (0%)	224 tCO2e (100%)

Services purchases emissions by category
(% tCO2e)

Other
Media
Freelance
Various activities — 4%
Banks and insurance — 4%
— 6%
Various services — 10%

224
tCO2e

2%
4%
Intellectual services — 38%

Maintenance and upkeep — 31%

6.7% of total

What is included in this category?

CO2 emissions from service purchases, covering professional services. Primarily from upstream energy/material use and energy consumed during service provision.

How to reduce the impact of this category?

You can adopt the following measures[1] :
• Precise scope 3 emissions with supplier-specific emission factors
• Improve your advertisement targeting
• Implement carbon impact conditions in your purchase policy

Methodology

1. Emissions calculated using expense data, by multiplying a quantity by an emission factor.

2. The emission factors used for this category come from the following databases: Company Report 1.0, Exiobase 3.8.2

3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.
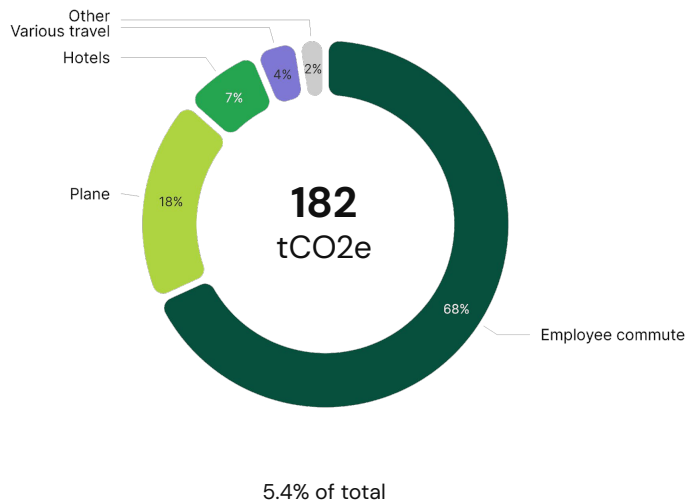
[1] Check out Greenly's library of reduction actions here

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Focus on Travel and Commute

Activity data	Expense data
145 tCO2e (79%)	37 tCO2e (21%)

Travel and Commute emissions by category
(% tCO2e)

Other
Various travel
Hotels
2%
4%
7%
Plane 18%
68%
182
tCO2e
Employee commute

5.4% of total

What is included in this category?

CO2 emissions from travel and commuting, covering various transportation modes. Includes direct fuel combustion and indirect fuel production emissions.

How to reduce the impact of this category?

You can adopt the following measures[1] :
• Implement a mobility plan within your company
• Promote teleworking and carpooling
• Favor the train for national travel of employees instead of car travels

Methodology

1. Emissions calculated using activity and expense data, by multiplying a quantity by an emission factor.

2. The emission factors used for this category come from the following databases: Company Report 1.0, Cornell Hotel Sustainability Benchmarking Index 2024, Exiobase 3.8.2, Greenly 1.0, Uk GHG Conversion Factor 2024

3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.
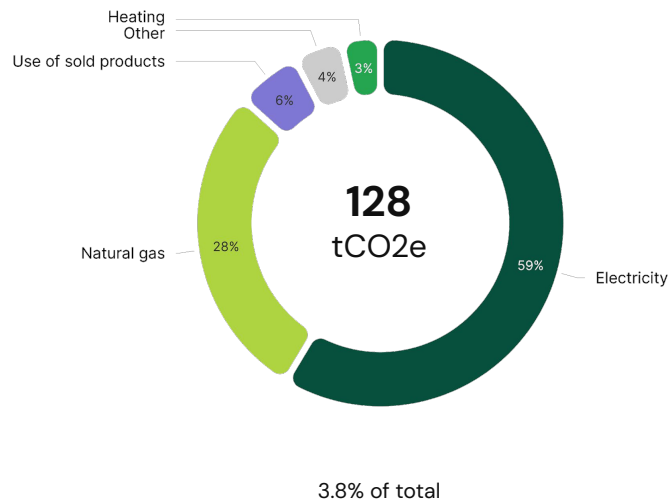
[1] Check out Greenly's library of reduction actions here

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Focus on Energy

Activity data	Expense data
125 tCO2e (98%)	2.7 tCO2e (2%)

Energy emissions by category
(% tCO2e)

Heating
Other
Use of sold products

3%
4%
6%
28% Natural gas
59% Electricity

128
tCO2e

3.8% of total

What is included in this category?

CO2 emissions from energy production and consumption, covering fossil fuels and renewables. Varies by energy source type, efficiency, and carbon intensity.

How to reduce the impact of this category?

You can adopt the following measures[1] :
No actions selected for this category

Methodology

1. Emissions calculated using activity and expense data, by multiplying a quantity by an emission factor.

2. The emission factors used for this category come from the following databases: Base Empreinte Ademe 23.5, Exiobase 3.8.2, Greenly 1.0, Greenly 2023, IEA 2023, IEA 2024

3. Details of the methodology used to calculate each carbon footprint source are available on the Greenly platform.

[1] Check out Greenly's library of reduction actions here

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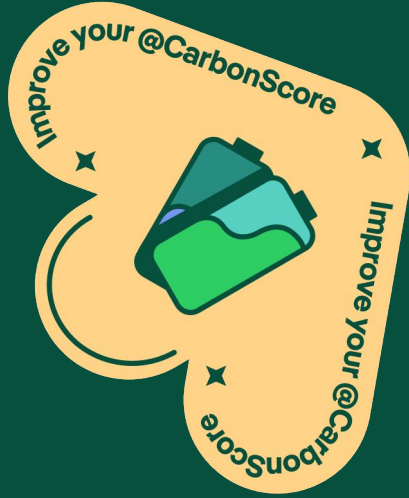
Conclusion

Conclusion

The GHG assessment made it possible to identify Levidian Nanosystems Ltd's main GHG emission sources so as to frame the company's carbon strategy and identify the items that need to be studied in greater depth with the aim of continuously improving the company's environmental impact.
It has been established that direct emissions (Scope 1) and energy-related indirect emissions (Scope 2) represent a small part of a company's impact. It is therefore essential to mobilize our company's suppliers and employees.

To meet the 2015 Paris Agreement target of a 50% reduction in GHG emissions between 2020 and 2030, we need to achieve a 6.3% reduction in emissions within one year (-209 tCO2e).

The recommended next steps in Levidian Nanosystems Ltd's carbon strategy are:

1   **Study key emission sources in greater depth,** if you opt for that. Your Climate Expert can help you decide between the different options available!

2   **Establish GHG emission reduction targets and implement an action plan** in order to achieve these targets.

3   **Engage your suppliers** using the Greenly supplier engagement tool.

4   **Engage your employees** using the interactive Greenly training quizzes.

5   **Communicate with your stakeholders** about your commitment and carbon footprint, your reduction targets and the action plan considered.

6   **Contribute to certified GHG reduction / sequestration projects** available on the Greenly platform.

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Maturity of climate strategy

YOUR GREENLY CLIMATE SCORE

Greenly score criteria

Pioneers in the climate transition
< 1% of companies (Score ≥ 75)

Responsible companies
5% of companies (Score 55 - 74)

Building a company in transition
15% of companies (Score 30 - 54)

Beginners committed to the transition
30% of companies (Score 5 - 29)

Enthusiasts to awaken
10% of companies (Score 0 - 4)

Lack of interest in the climate
40% of companies

The statistics are drawn from the Greenly supplier and customer database, which includes several thousand companies of all sizes, sectors and geographies. For more similar statistics, consult the CDP corporate climate tracker.

The intermediate Greenly Climate Score of Levidian Nanosystems Ltd is 31 points

Points are distributed as follows:

Creating & fine-tuning the Greenhouse Gas report: **27**/40
Action plans: **1**/36
Climate targets: **0**/4
Involving your teams: **3**/10
Carbon contributions: **0**/10

The Score will be updated at the Climate Strategy follow-up meeting.

More information on the Score calculation method here
Statistics were computed on the Greenly supplier database

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