



2024 Impact Report

Global Reporting Initiative (GRI) Index

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GRI 302: Energy

Energy consumption within the organization

Consumption by Fuel Type

Year	2024
Total Fuel Consumption	6,336 MWh

Energy Consumed

Year	2024
Electricity Consumed	12,577 MWh

Total Energy Consumption within the Organization

Year	2024
Total energy consumption within the organization:	18,913 MWh

Comments

These figures represent energy consumed by Cognex's financially controlled assets in 2024. Estimates have been applied if primary energy use data was not available.

GRI 305: Emissions

Direct (Scope 1) GHG emissions

Year	2024
Gross direct (Scope 1) GHG emissions	2,021 metric tons CO ₂ e

Gases included in the calculation of gross direct (Scope 1) GHG emissions:

CO₂, CH₄, N₂O, HFCs

Source of emissions factors and the GWP rates used:

Cognex has chosen to apply Global Warming Potential (GWP) figures for gases published in the AR5 where available. Figures will be converted to and reported in carbon dioxide equivalent values (CO₂e).

Standards, methodologies, assumptions, and/or calculation tools used for direct (Scope 1) GHG emissions:

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Addition)

Comments

The scope 1 emission figure represents emission from consumption of fuel and fugitive emissions within the reporting year. Cognex uses the financial control approach to determine the company's reporting boundary. Cognex's 2024 scope 1 and 2 emissions reporting boundary has been adjusted to include company leased vehicles and assets included as a part of the acquisition of Moritex Corporation in 2023. In accordance with Cognex's GHG Inventory Recalculation Policy, as our data quality continues to improve this may trigger a revision in reported emissions.



Energy indirect (Scope 2) GHG emissions

Year	2024
Gross location-based indirect (Scope 2) GHG emissions	5,418 metric tons CO ₂ e
Gross market-based indirect (Scope 2) GHG emissions	5,720 metric tons CO ₂ e

Gases used to calculate indirect (Scope 2) GHG emissions:

CO₂, CH₄, N₂O, HFCs

Source of emissions factors and the GWP rates used (Scope 2):

Cognex has chosen to apply Global Warming Potential (GWP) figures for gases published in the AR5 where available. Figures will be converted to and reported in carbon dioxide equivalent values (CO₂e).

Standards, methodologies, assumptions, and/or calculation tools used for Scope 1 and Scope 2 GHG emissions:

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard

Comments

The scope 2 emission figures are based on consumption of purchased electricity within the reporting year. Cognex uses the financial control approach to determine the company's reporting boundary. Cognex's 2024 scope 1 and 2 emissions reporting boundary has been adjusted to include company leased vehicles and assets included as a part of the acquisition of Moritex Corporation in 2023. In accordance with Cognex's GHG Inventory Recalculation Policy, as our data quality continues to improve this may trigger a revision in reported emissions.

GHG emissions intensity

Year	2024
GHG emissions intensity ratio	0.0085

Organization-specific denominator:

Revenue (thousands)

Types of greenhouse gas emissions included:

- ☒ Direct (Scope 1)
- ☒ Indirect Market-based (Scope 2)
- ☐ Other Indirect (Scope 3)

Gases included in the calculation:

CO₂, CH₄, N₂O, HFCs

Comments

Metric tons CO₂e / revenue (thousands)



Other indirect (Scope 3) GHG emissions

Year	2024
Gross other indirect (Scope 3) GHG emissions	97,473 metric tons CO ₂ e

Gases included in the calculation:

CO₂, CH₄, N₂O, HFCs

Other indirect (Scope 3) GHG emissions categories and activities included in the calculation:

- 1 - Purchased Goods and Services
- 2 - Capital goods
- 3 - Fuel and energy-related activities
- 4 - Upstream T&D
- 5 - Waste generated in operations
- 6 - Business travel
- 7 - Employee commuting
- 8 - Upstream leased assets
- 9 - Downstream T&D
- 11 - Use of Sold Products
- 12 - End-of-life treatment of sold products
- 13 - Downstream Leased Assets

Source of emissions factors and the GWP rates used (Scope 3):

Cognex has chosen to apply Global Warming Potential (GWP) figures for gases published in the AR5 where available. Figures will be converted to and reported in carbon dioxide equivalent values (CO₂e).

Standards, methodologies, assumptions, and/or calculation tools used for indirect (Scope 3) GHG emissions:

The Greenhouse Gas Protocol: A Corporate Accounting and Reporting Standard (Revised Addition)

Comments

Scope 3 emissions are based on data beyond the company's direct operations. Cognex uses organization-specific data and emission factors where possible and estimates emissions with secondary data or spend-based factors when necessary. In accordance with Cognex's GHG Inventory Recalculation Policy, as our data quality continues to improve this may trigger a revision in reported emissions.



GRI 308: Supplier Environmental Assessment

Management of material topics: Supplier Environmental Assessment

Please see [Cognex's Supplier Code of Conduct](#) & [Supplier Quality Agreement](#) for details on how Cognex engages with suppliers.

GRI 409: Forced or Compulsory Labor

Management of material topics: Forced or Compulsory Labor

Please see [Cognex's Modern Slavery Statement](#) for details on actions taken by Cognex to prevent modern slavery from taking place within our business or supply chain.

GRI 413: Local Communities

Management of material topics: Local Communities

Please see [Cognex's Corporate Giving Guidelines](#) for details on how Cognex works to positively impact the communities in which we operate.

GRI 414: Supplier Social Assessment

Management of material topics: Supplier Social Assessment

Please see [Cognex's Supplier Code of Conduct](#) & [Supplier Quality Agreement](#) for details on how Cognex engages with suppliers.