

# 2023 GHG Assessment

## Greenhouse Gas Assessment Certificate

Cert. Reference: -0-CTI Date of Certificate: 27-02-2024

Company ID: ORG-0

**TOTAL GREENHOUSE GAS ("GHG") EMISSIONS:** 0 Kg

Number of Employees

Office Size (m<sup>2</sup>)

Country

Activity / Industry

Type of Assessment: Full

Assessment Period: 01-01-2024 to 31-12-2024

<sup>1</sup> Based on the data you submitted.

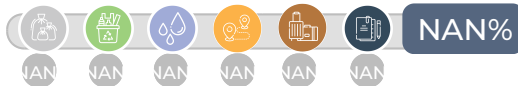
### Scope 1 Direct GHG emissions



### Scope 2 Indirect GHG emissions from energy sources



### Scope 3 Other indirect GHG emissions



- Company vehicle
- Electricity & Heating
- General waste
- Recycled waste
- Water
- Work Commute
- Business Travel
- Office Consumption & Usage

## ASSESSMENT OVERVIEW

	Data input is_page	Emissions (kg CO2)
Company vehicles	0 km	0 kg
Electricity & Heating	0 kWh	0 kg
Water	0 m <sup>3</sup>	0 kg
General waste	0 kg	0 kg
Recycled waste	0 kg	0 kg
Office Consumption & Usage	0 €	0 kg
Work Commute	0 km	0 kg
Business Travels	< 0 km	0 kg

## SCREENINGS

- Company vehicles
- Electricity & Heating
- Waste
- Water
- Work Commute
- Business Travels
- Office Consumption & Usage

You have opted for a Full Assessment, which includes a certificate with an overview of your results and a report with the details of all the screenings and its components. Other types of assessments are available. Please visit <https://thegreenprojects.org/assessments> or contact us for more information.

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<sup>1</sup> Carbon dioxide (CO<sub>2</sub>), methane (CH<sub>4</sub>), nitrous oxide (N<sub>2</sub>O), hydrofluorocarbons (HFC), perfluorocarbons (PFC), sulphur hexafluoride (SF<sub>6</sub>) and nitrogen trifluoride (NF<sub>3</sub>)

<sup>2</sup> Originally developed for the French Environment and Energy Management Agency

<sup>3</sup> Our databases of emissions factors uses values from multiple sources (including from the Asian Infrastructure Investment Bank, the Intergovernmental Panel on Climate Change, the UK Department of Environment, Food & Rural Affairs etc.)

<sup>4</sup> EIB Project Carbon Footprint Methodologies - Methodologies for the Assessment of Project GHG Emissions and Emission Variations, July 2020

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## METHODOLOGY

In the context of your Greenhouse Gases ("GHG") assessment, the "kg CO<sub>2</sub>" values indicated in this certificate refer to CO<sub>2</sub> equivalent units.

As per the Kyoto Protocol, there are seven main GHG that contribute to climate change<sup>1</sup>.

CO<sub>2</sub> equivalent units and conversion factors are used as follows to calculate emissions of all relevant GHG combined:

conversion factors in units of "kilograms of carbon dioxide equivalent of Y per X" where Y is the gas emitted and X is the unit activity.

The GHG emission values are calculated using the "Bilan Carbone®" method<sup>2</sup>. The Bilan Carbone® method relies on a company's activity data and a database of emission factors<sup>3</sup>.

The calculation formula is as follows:

$$\text{carbon\_emission} = \sum_{i=1}^n \text{carbon}_{emission_i} \quad (1)$$

Where  $\text{carbon}_{emission_i}$  is carbon emission of activity  $i^{\text{th}}$

$$\text{carbon}_{emission_i} = \text{activity\_data}_i * \text{emission\_factor}_i$$

Emission factors are used to convert activity data into CO<sub>2</sub> equivalent units. Determining emission factors carries a degree of uncertainty.

As part of our methodology to quantify carbon emissions for offices, the following "scopes" have been taken into account:

- **Scope 1** : Direct GHG emissions (e.g., waste)
- **Scope 2** : Indirect GHG emissions from purchased energy (e.g., electricity & heating)
- **Scope 3** : Other indirect GHG emissions (e.g., consumption of resources & related usage)

Where exact numbers have been submitted for the relevant screenings as part of your GHG assessment, the resulting CO<sub>2</sub> equivalent units have been

calculated precisely as per the above formula.

Where no numbers have been submitted for the relevant screenings as part of your GHG assessment, the resulting CO<sub>2</sub> equivalent units are estimations derived from other available data such as office size, company size etc.

Where a range of values have been selected, the resulting CO<sub>2</sub> equivalent units have been calculated using conservative assumptions, values, and procedures. "Conservative values and assumptions are those that are more likely to overestimate absolute emissions and "positive" relative emissions (net increases), and underestimate "negative" relative emissions (net reductions)"<sup>4</sup>.

## ABOUT THIS CERTIFICATE AND THE DATA IN IT

This certificate and other data about your company's emissions may be shared with other bodies (including government departments and enforcement agencies) for research, statistical and enforcement purposes.

Any personal data it contains will be processed in accordance with the General Data Protection Regulation and all applicable laws and regulations relating to the processing of personal data and privacy.

For further information about this and how data about the property are used, please visit:

[thegreenprojects.org/privacy-policy](http://thegreenprojects.org/privacy-policy)

To exercise your data opt-out right, please send us a written request to:

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