

Annual Carbon Footprint Report

Reporting Year 2021



Period of Analysis
01/01/2021 - 31/12/2021

Organisational Boundaries

We have used the operational control approach to establish the organisational boundary of carbon reporting. As defined by the GHG Protocol, this includes operations where we have the full authority to introduce and implement operating policies. Under this approach, 100% of GHG emissions from all owned and leased facilities over which Core Five has direct operational control are included.

Operational boundaries

All GHG emissions associated within the organisational boundary operations are included and categorised as Scope 1 (direct), Scope 2 (required indirect), and Scope 3 (optional indirect) emissions.

Scope	Carbon Emissions (tCO2e)	Emissions per Employee (tCO2e)	Percentage (%)
Scope 1	36.34	0.28	24.90
Scope 2	0.00	0.00	0.00
Scope 3	109.45	0.85	75.10
Total	145.79	1.13	100

Scope Categories

Scope 1 Direct Fuel Combustion from boilers and company vehicles, and fugitive emissions from refrigerants



Scope 2 Purchased Electricity (Location and Market based)



Scope 3 All emissions relating to business operations:

- Transmission and Distribution losses from electricity,
- Water-use and wastewater,
- Business travel (all transportation by air, public transport, rented vehicles, business mileage, and taxi), and hotel stays
- Employee Commute
- Purchased goods (including electronics and material goods)
- Paper use
- Transportation and Distribution of goods
- Office Waste Generated
- Food and Drink and Company Events
- Cloud Computing



Excluded Emissions

No emissions have been knowingly excluded. We will continually re-evaluate our operations and will strive to encompass all emissions under the operational boundary defined.

To offset our 2021 emissions, we have supported the following carbon offset project:

TerraClear Ceramic Water Purifier Project in Lao PDR

TerraClear is breaking down the barriers that make clean water access a challenge for rural communities. Creative strategies and community focused education and promotion are allowing TerraClear to change lives a few litres at a time -- providing access to safe drinking water through the manufacture and distribution of more than 70,000 ceramic filters reaching an estimated 300,000 people in over 1000 villages in Laos.

Co-benefits:

- 15,000 tonnes of CO2e saved annually by the project
- 20-30 litres of clean water - the average daily household consumption fully met by each filter
- 65,000 households benefiting from filter use
- Providing employment for 15 people permanently and providing industrial training and internships to local college students.



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