Annual Carbon Footprint Report
Reporting Year 2022

Period of Analysis
01/01/2022 - 31/12/2022

C/5 core five

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	22.30	0.16	8.99
Scope 2	0.00	0.00	0.00
Scope 3	225.65	1.61	91.01
Total	247.95	1.77	100.00

Scope Categories

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

Scope 2 Purchased Electricity and heat (Location and Market based)

Scope 3 All emissions relating to business operations:

- Water use
- IT Equipment
- Food and Drink
- Company Events
- Purchased goods (including electronics and material goods)
- T&D Losses
- Hotel stays
- Commutes
- Produced Goods
- Cloud Computing
- Waste Generated
- Business Travel and Working from Home
- Courier & Postage

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.

Offsets

To offset our 2022 emissions, we have supported the following carbon offset projects:

Renewable Power Project by Emami Power Ltd

The main purpose of this project activity is to generate clean form of electricity through renewable solar energy source. Emami Power Ltd is the promoter of the proposed project activity. The project activity involves installation of 20 MW AC (22.5 MWp DC) solar power project Villages: Udelhedi, Naharpur, Mannakhedi, Kumrada, Tehsil: Roorkee District: Haridwar.

The project will replace anthropogenic emissions of greenhouse gases (GHG's) estimated to be approximately 32,412 tCO2e per year, thereon displacing 31,689 MWh/year amount of electricity from the generation-mix of power plants connected to the grid, which is mainly dominated by thermal/fossil fuel based power plant.

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Promoting Clean Cooking Solutions for the Disadvantaged Households in Nepal

The project involves promotion of improved cooking stoves (ICS) to the people of socially deprived community; specifically, to the Dalits (the so called untouchables) and Janajatis (indigenous people). The project intends to provide the households with clean cooking solutions; thereby replacing the less efficient traditional cooking stoves with stoves of better efficiency. Replacement of the traditional cooking stoves with ICS will reduce exposure of the family members, specifically women, to indoor air pollution and therefore result in saving of health-related expenses. Each stove disseminated under the project will potentially reduce the firewood consumption by half.

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