Our Carbon Footprint

1st August 2024 - 31st July 2025

eco.g

eco-g Carbon Footprint Summary

Scope 1 - 0kg CO2e

As the entire team is remote working and eco-g owns no office space or fleet vehicles there are zero scope 1 emissions.

Scope 2 - 0kg CO2e

Similarly, as eco-g is entirely remote working and has no office space, and therefore no purchased electricity, heat or steam, there are zero scope 2 emissions.

Scope 3 - 4650kg CO2e
(Market Based)

100% of the emissions associated with eco-g fall into scope 3. For our first carbon footprint assessment we have calculated the following scope 3 category carbon emissions: Category 1 Purchased Goods & Services; Category 6 Business Travel; & Category 7 Employee Commuting.

All data represents total CO2e which includes the impact from: Carbon Dioxide (CO2), Nitrous Oxide (N2O) & Methane (CH4).

Market based reporting is used where employee home energy providers are REGO certificate backed.

Total Scope 3	Location Based	Market Based	% of emissions
Cat 1	1436.06	1436.06	30.89
Cat 6	1312.85	1304.145	28.05
Cat 7	1954.14	1908.68	41.06
Total	**4703.04**	**4648.88**	**100**

Scope 3 Breakdown
Category 1: Purchased Goods & Services - 1,436kg CO2e (31%)

This refers to all emissions that happen before a company receives the products it buys— covering everything from making the raw materials to producing the final goods or services.
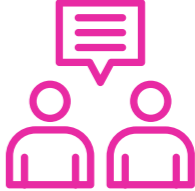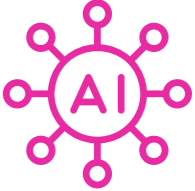
For example:
Goods: Tangible products like raw materials, components, and finished products
Services: Intangible services such as consulting, IT support, and outsourced logistics

For transparency and completeness, we have incorporated AI-assisted estimations for certain Scope 3 Category 1 data sources where specific data was not available. We are actively working to enhance the accuracy of these estimates for the next reporting period. However, as these estimations represent only a small fraction of our overall carbon footprint, any improvements in accuracy are unlikely to significantly impact our total reported emissions.

Although the eco-g website is certified as being 100% green hosted, there is still a carbon footprint associated with the web traffic it receives. This is actively monitored by Carbon Digital Online, with reporting based on data extrapolated from a five-month period since eco-g began its partnership with them in March 2025.

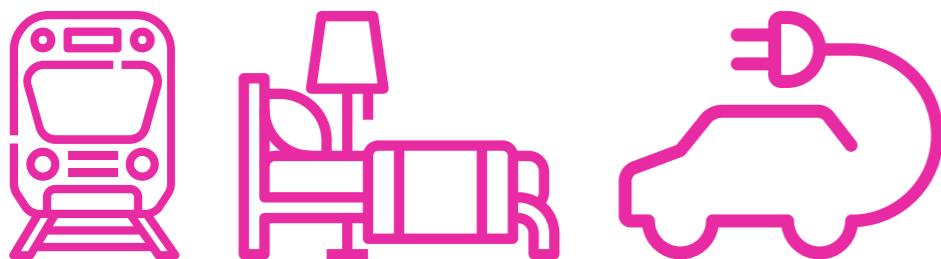|	Total kg CO2e
IT Services	11
Office Equipment	1152
Events	184.70
Food	46.6
Accountancy Services	7.2
Meeting Room Usage	8.32
AI Usage (ChatGPT)	9.43
Website	16.8
Total	**1436.06**

Scope 3 Breakdown
Category 6: Business travel - 1304kg CO2e (Market) (28%)

This category includes emissions from all business related activities including travel to company meetings held in a shared office space and events. It also includes hotel stays. Market based calculations occur where an employee's personal EV used for business travel is charged using their 100% renewable residential supply.

We have included well-to-tank (WTT) emissions and transmission and distribution (T&D) losses for EVs in this category to ensure we capture the full lifecycle emissions of the fuels used for business travel.

WTT = Well-to-Tank (the greenhouse gas emissions and energy used to make, process, and deliver a fuel or energy source before it's ready to be used in a vehicle or other use).

T&D = Transmission & Distribution (electricity that gets lost while being sent from power plants to homes and businesses, mainly because some energy turns into heat as it travels through wires and equipment).

	Total kgCO2e (Location)	Total kgCO2e (Market)
Business Travel	1096.08	1087.37
Hotel Stays	42.70	42.70
WTT	173.36	173.36
T&D for EVs	0.71	0.71
Combined	**1312.85**	**1304.14**

This category includes emissions related to the production of fuels and energy purchased and consumed. This includes emissions from the extraction, production, and transportation of fuels, as well as emissions from transmitting and distributing electricity, heat, or steam. This category ensures that a company accounts for the full lifecycle emissions of the energy it consumes, not just the emissions from its direct use of that energy, providing a more complete picture of a company's environmental impact.

WTT = Well-to-Tank (the greenhouse gas emissions and energy used to make, process, and deliver a fuel or energy source before it's ready to be used in a vehicle or other use).

T&D = Transmission & Distribution (electricity that gets lost while being sent from power plants to homes and businesses, mainly because some energy turns into heat as it travels through wires and equipment).
As WTT and T&D emission factors are not available for the Oman electricity grid, we have used UK emission factors for our Oman-based employee. This approach ensures a more complete emissions inventory, rather than excluding these components entirely.
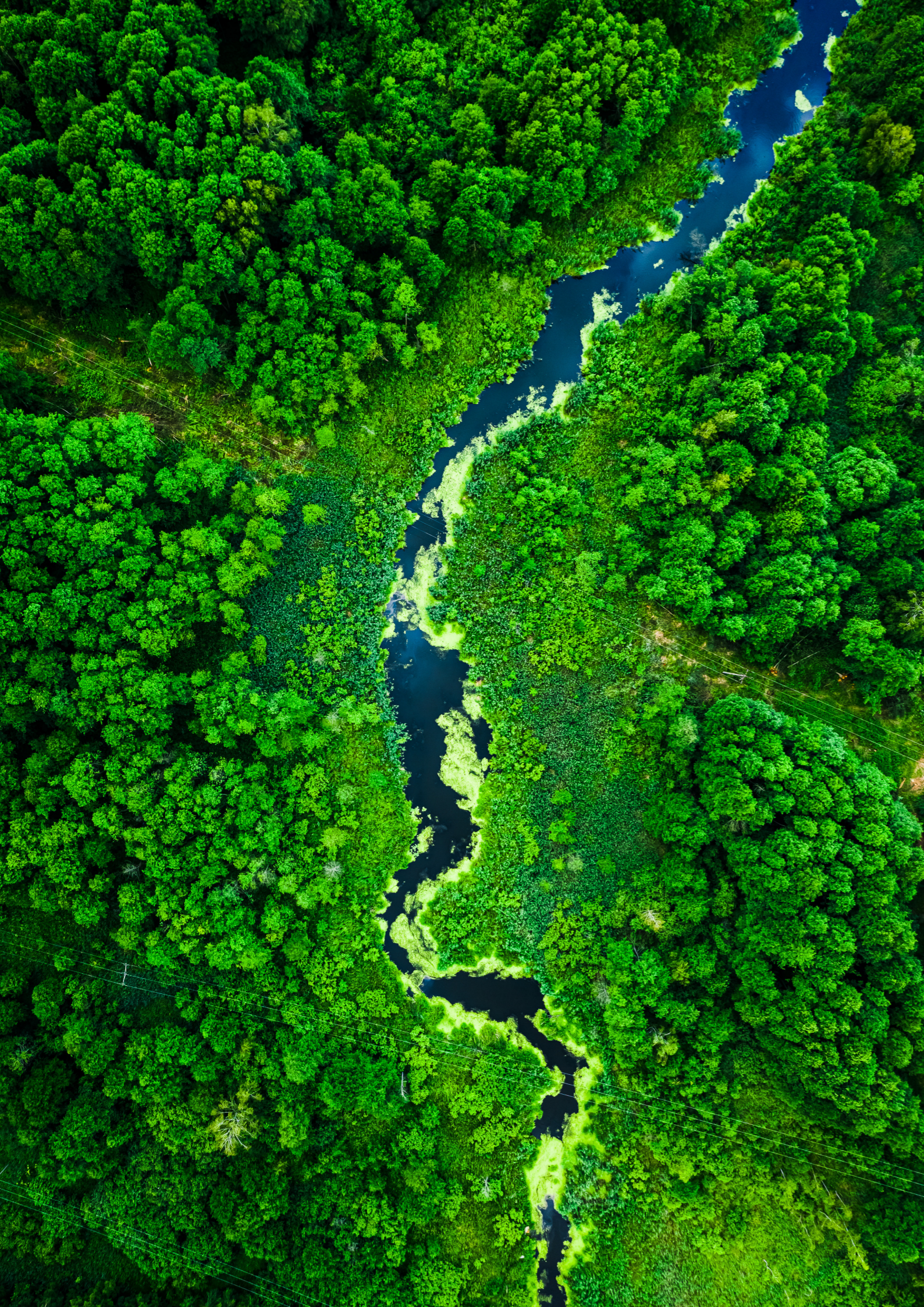
Scope 3 Breakdown
Category 7: Employee commuting - 1,909kg CO2e (Market) (41%)

This category includes emissions associated with home-working. Market based calculations account for emissions generated by homeworking where the employee has a 100% renewable energy tariff.

We have included well-to-tank (WTT) emissions for home heating and electricity generation, along with transmission and distribution (T&D) losses for electricity supply, in this category to ensure we account for the full lifecycle emissions of the fuels used during home working. As WTT and T&D emission factors are not publicly available for the Oman electricity grid, we have used UK emission factors for our Oman-based employee. This approach ensures a more complete emissions inventory, rather than excluding these components entirely.

Remote working emissions can be broken down for eco-g as follows:

	Total Home Office Consumption (kWh)	Total kgCO2e (Location)	Total kgCO2e (Market)
Office Equipment	169.36	38.20	9.92
Office Heating/Cooling	7872.68	1628.58	1611.40
WTT Home Heating		207.61	207.61
WTT Electricity		58.34	58.34
T&D Loses		21.41	21.41
Total	**8042.04**	**1954.14**	**1908.68**

For UK based employees we have used UK Govt Emission Factors and recommended enhanced calculation methods.

For Oman based employees we have used an emission factor for the Oman grid provided by https://united4efficiency.org/country-assessments/oman/

To date, we have offset 29,75kg CO2e

Carbon credits from **Tree Nation** have been purchased by eco-g to offset the carbon emissions associated with the events we have hosted. These credits are certified by VCS, Gold Standard, and Plan Vivo.

For our event in April 2025 we purchased **17 Euterpe precatoria trees in Brazil,** equating to approximately **170kg of carbon offsetting over a 10 year period**. For our event in June 2025 we purchased **8 Tabebuia impetiginosa trees in Bolivia**, equating to approximately **2800kg CO2e of carbon offsetting over a 10 year period**.

Carbon Digital Online also offset the emissions associated with our website traffic. These offsets are automatically purchased each time the website traffic related emissions reach 5kg CO2e. Since partnering with Carbon Digital Online in March 2025 eco-g has offset **5kg CO2e**.
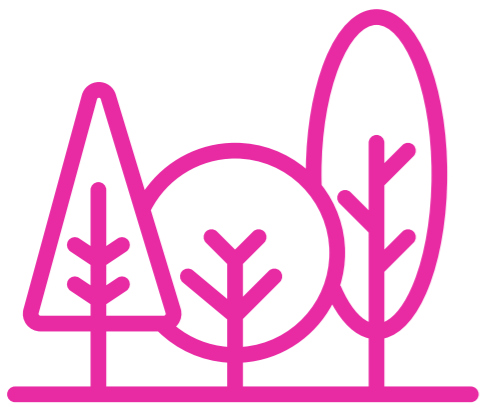
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