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mission :
net zero

# Carbon report for mission : net zero

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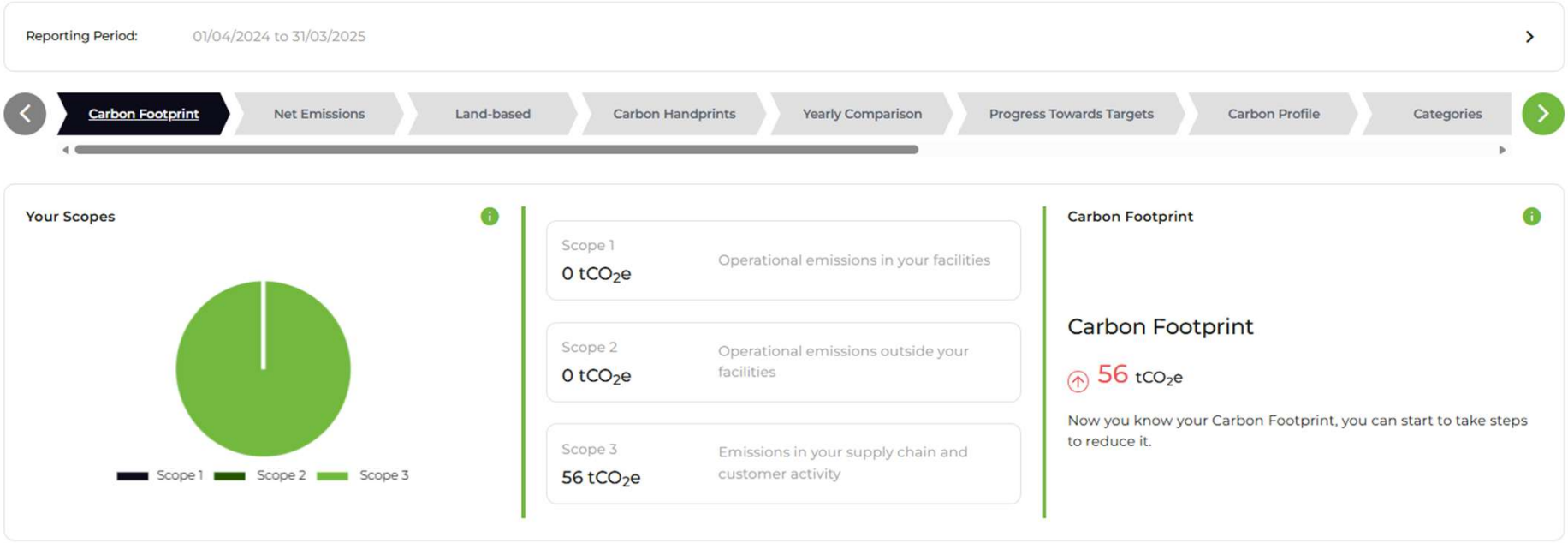
# Carbon Footprint




## Carbon Footprint

Your Carbon Footprint represents the current impact of your business on global warming and climate change. It is measured in "tonnes of carbon dioxide equivalent" because it represents the combined effect of all the greenhouse gasses emitted by your activities (Scopes 1, 2 and 3).
It includes all your emissions causing activities but does not include activities that are considered “carbon neutral” (such as burning biofuels or buying renewable energy).

## Emissions Intensity Ratios

Your Emissions Intensity Ratios are a measure of much carbon you produce per unit of activity.
They are useful to help you understand how your carbon footprint has been affected by how busy you are.
- “tCO2e/£m revenue" shows the emissions per unit of sales revenue.
- "tCO2e/FTE employee" shows the emissions per full time equivalent employee.

At times of high business growth, it may be difficult to reduce your carbon footprint, but you should always be aiming to reduce the intensity of your emissions.

## Your Scopes

We breakdown your carbon footprint into 3 "scopes" depending on where your emissions originate.
"Scope 1" contains the emissions that arise from your own operations and that occur within your facilities. They are most likely from your use of fuel for heating and in vehicles, but you may also have equipment (such as air-con) that releases greenhouse gases or you may run certain industrial processes (such as cement production) that emit greenhouse gases.
"Scope 2" contains the emissions that arise from your own operations but that occur outside your facilities. They are most likely from the electricity you purchase but may also come from heating, steam or cooling that you buy directly.
"Scope 3" contains the emissions in your supply chain and customer activity. This includes the "embodied" emissions in all the goods and services you buy and all the emissions associated with the products and services you sell. As a result it is common for your Scope 3 emissions to be much larger than your Scope 1 and 2 emissions.

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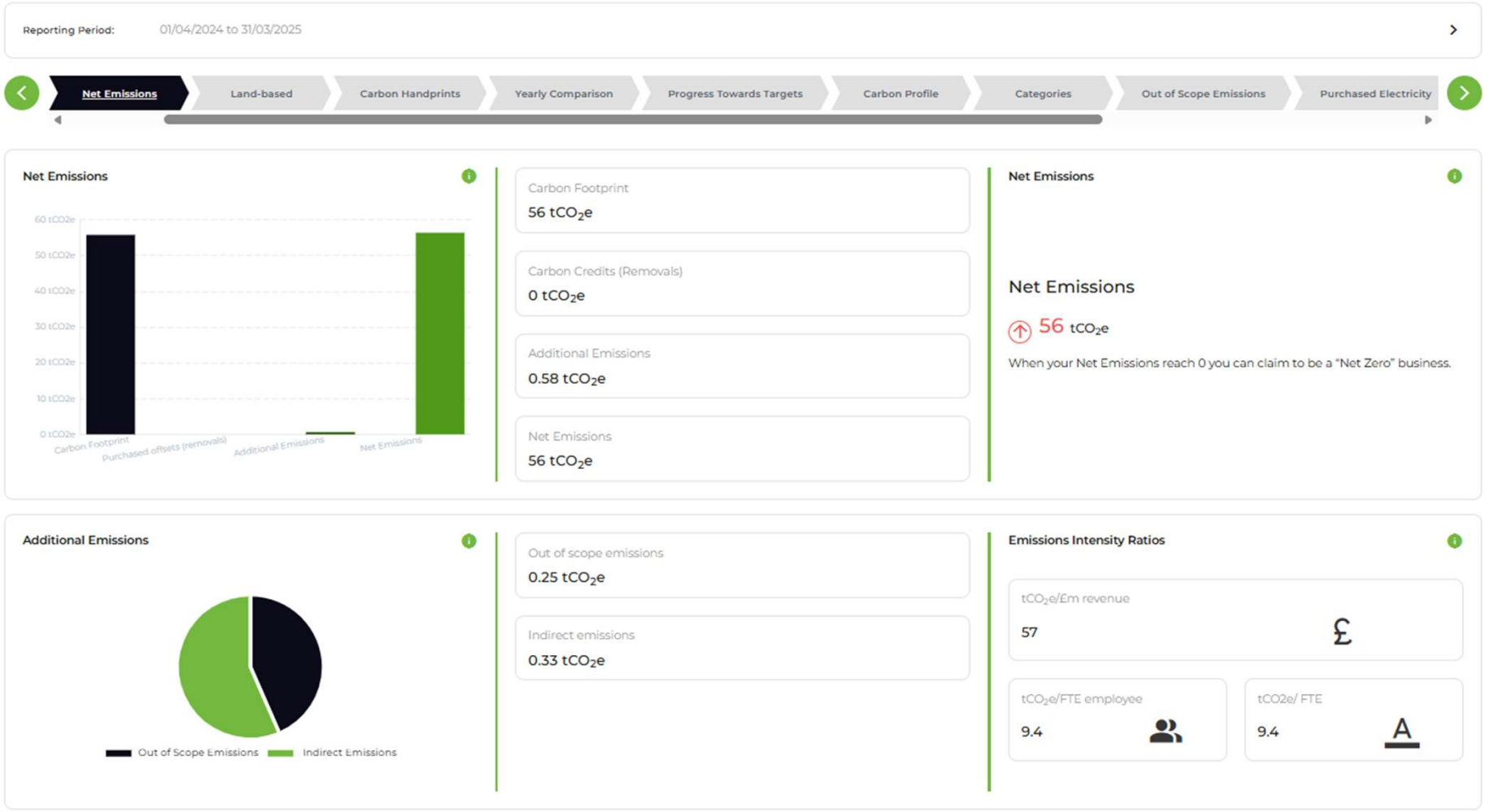
# Net Emissions




Net Emissions

Your Net Emissions represents your contribution toward the global achievement of Net Zero greenhouse gas emissions.
It is the total of all your greenhouse gas emissions (including those from activities that are considered "carbon neutral") during the year minus any greenhouse gases you have removed from the atmosphere.
It is calculated by adding your Carbon Footprint to your Additional Emissions and subtracting any Purchased Offsets (removals).
To claim Net Zero as an organisation, your Net Emissions must have been reduced to 0, in a way that is aligned with the effort to limit global warming to 1.5°C.
This means you must have eliminated nearly all your emissions and offset the small amount of residual emissions by removing greenhouse gases form the atmosphere.

Additional Emissions

Your Additional Emissions are additional greenhouse gas emissions arising from your activities that are not considered part of your carbon footprint.
The are 2 types of additional emissions:
"Out of Scope Emissions" come from your use of biofuels. These are fuels of plant-based origin that are considered to be carbon neutral because they absorb carbon as they grow. Nevertheless, they do emit greenhouse gases as they are burned and these are known as "Out of Scope emissions".
"Indirect Emissions" come from the difference in emissions by your electricity provider and the average emissions by the national grid. For example, you may buy 100% renewable electricity, but you actually receive electricity using the full mix of fuels used by the national grid (which contains a proportion of non-renewable fuel). The difference between these figures is shows as an additional emission.
Although your additional emissions are not considered part of your carbon footprint, they do need to be eliminated to achieve net zero emissions. So, if you want to set a Net Zero target, these emissions will be included within that target.

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# Breakdown of Net Emissions

Please see below for a breakdown of your carbon footprint:

| Group/ Subgroup | $tCO_2e$ |
|---|---|
| **Total** | **56.095** |
| **Business Travel** | **7.125** |
| Private vehicles | 3.838 |
| Public transport | 1.443 |
| Air travel | 1.469 |
| Hotels | 0.374 |
| **Distribution & Storage** | **0.049** |
| Postage | 0.049 |
| **Purchases** | **43.687** |
| Services | 41.297 |
| Indirect materials | 1.171 |
| Capital goods | 1.219 |
| **Homeworking / Teleworking** | **4.955** |
| Electricity | 0.820 |
| Fuels | 4.135 |
| **Employee Commuting** | **0.279** |
| Private vehicles | 0.279 |
| **Carbon Handprints** | - |
| Nature investments | - |
| **Subsidiaries** | - |
| **Investments** | - |
| **Franchises** | - |

The largest subgroup is Services, please see a further breakdown below:

| | |
|---|---|
| Services | 41.297 |
| Cloud-based storage: MB | 0.659 |
| Cloud-based IT Services: User.hr | 0.659 |
| Purchases: Services: Accounting | 1.551 |
| Purchases: Services: Advertising | 5.677 |
| Purchases: Services: Financial Service Activities | 0.257 |
| Purchases: Services: Other professional activities | 19.785 |
| Purchases: Services: Food and beverage service activities | 3.053 |
| Purchases: Services: Insurance | 0.313 |
| Purchases: Services: Legal activities | 0.825 |
| Purchases: Indirect materials: Printing And Reproduction Of Recorded Media | 0.366 |
| Purchases: Services: Information service activities | 4.873 |
| Purchases: Services: Human health activities | 0.068 |
| Purchases: Services: Activities of membership organisations | 1.128 |
| Purchases: Services: Telecommunications | 0.626 |
| Purchases: Services: Activities of head offices | 1.440 |
| Water usage | 0.017 |

The largest of these is other professional activities. This is primarily due to spend on Consultancy:

| | |
|---|---|
| Purchases: Services: Other professional activities | 19.785 |
| Consultancy | 18.878 |