



Advania UK

PPN 06/21 Carbon Reduction Plan

Supplier name: Advania UK Limited

Publication date: 23rd July 2024



Commitment to Achieving Net Zero

Advania UK is committed to achieving Net Zero emissions by 2045 through the implementation of carbon reduction targets and initiatives. While Advania is compliant with the UK Government’s Net Zero 2050 target, it has set an ambitious internal target to achieve Net Zero by 2045. Advania is committed to achieving Net Zero by 2045 and implementing this Carbon Reduction Plan whilst providing a wide range of carbon reduction initiatives in the delivery of contracts.

Advania UK is committed to annually reviewing its greenhouse gas emissions (GHG) and maintaining its commitment to Net Zero. This commitment will be supported by an annual quantification of all Scope 1, Scope 2 and relevant Scope 3 emissions.

Emissions are quantified in accordance with ISO 14064-1:2019, the international standard for the quantification and reporting of GHG emissions. Emission factors produced by DEFRA have been used to calculate emissions in tCO₂e, tCO₂, tCH₄ and tN₂O.

This document is a summarised version of a full Carbon Reduction Plan that has been aligned with PPN 06/21 formatting guidelines.

This Carbon Reduction Plan has been produced in collaboration with [Carbonology® Ltd.](#)

Baseline and Current Reporting Year: 2023

Baseline emissions are a record of the greenhouse gases that have been produced in the past, prior to the implementation of any emission reduction initiatives. Baseline emissions serve as a reference point against which emissions reductions can be measured.

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| Baseline and Current Reporting Year: 2023 (1st January – 31st December) | |
| Additional Details Relating to the Baseline Emissions Calculations. | |
| The year 2023 was Advania’s third period of emissions reporting. Several changes were made to the reporting boundaries compared to the previous year, including the addition of emissions sources such as electricity transmission & distribution, staff homeworking, rail travel, air travel, hotel stays, water supply, and water treatment, purchased goods and services and capital goods. The base year has been reset from 2020 to 2023 due to the expanded scope of emissions reporting in 2023. Updating the baseline to 2023 ensures consistency and facilitates meaningful comparability of GHG emissions data across future reporting periods. | |
| Baseline and Current Reporting Year Emissions: | |
| EMISSIONS | TOTAL (tCO₂e) |
| Scope 1 | 22.77 |
| Scope 2 | (location-based) 126.02 (market-based) 109.09 |

| | |
|---|--|
| Scope 3 (Included Sources) | 815.43 <ul style="list-style-type: none"> • Waste generated in operations: 1.05 • Business Travel (road, rail, air, hotels): 272.20 • Employee commuting: 146.00 • Transmission and distribution losses (T&D): 10.40 • Water Supply: 0.41 • Water treatment: 0.46 • Purchased goods and services: 14.13 • Capital goods: 131.59 • Homeworking: 177.92 • Upstream transportation and distribution: 45.13 • Downstream transportation and distribution: 16.15 |
| Total Emissions | (location-based) 964.21 (market-based) 947.29 |

Previous Year's Emissions Reporting: 2020

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|--|---------------------------------|
| Previous Reporting Year: 2020 (1 st January – 31 st December) | |
| Additional Details Relating to Emissions Calculations. | |
| 2020 was the first year that Advania UK quantified organisational emissions. Total location-based emissions were 655 tCO ₂ e. | |
| Previous Year's Emissions: 2022 | |
| EMISSIONS | TOTAL (tCO₂e) |
| Scope 1 | 29.00 |
| Scope 2 | (Location-based) 202.00 |
| Scope 3 (Included Sources) | 424.00 |
| Total Emissions | (Location-based) 655.00 |

Previous Year's Emissions Reporting: 2022

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|--|--|
| Previous Reporting Year: 2022 (1 st January – 31 st December) | |
| Additional Details Relating to Emissions Calculations. | |

2022 was the second year that Advania UK quantified organisational emissions. Total location-based emissions were 530 tCO₂e, equivalent to 0.54 tCO₂e per FTE staff.

Previous Year's Emissions: 2022

| EMISSIONS | TOTAL (tCO₂e) |
|---------------------------------------|---------------------------------|
| Scope 1 | 21.00 |
| Scope 2 | (Location-based) 140.00 |
| Scope 3 (Included Sources) | 369.00 |
| Total Emissions | (Location-based) 530.00 |

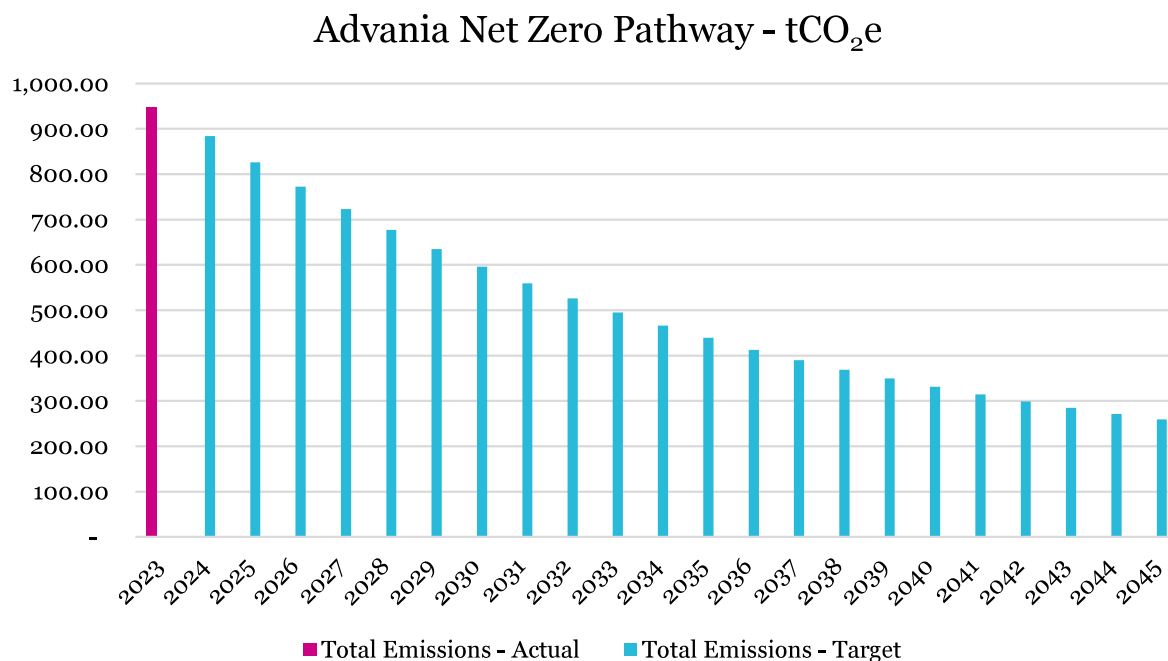
Emissions Reduction Targets

To ensure that we continually reduce our carbon emissions and achieve Net Zero by 2045, we have developed the following carbon reduction targets. Reductions listed below are against the current reporting year.

- **Reduce emissions from gas by 5% each year**
 - 1.09 tCO₂e saving by 2028
- **Reduce emissions from company vehicles by 5% each year**
 - 1.40 tCO₂e saving by 2028
- **Reduce emissions from electricity generation by 8% each year**
 - 37.19 tCO₂e saving by 2028
- **Reduce emissions from grey fleet by 8% each year**
 - 28.69 tCO₂e saving by 2028
- **Reduce emissions from air travel by 5% each year**
 - 35.92 tCO₂e saving by 2028
- **Reduce emissions from commuting by 8% each year**
 - 49.77 tCO₂e saving by 2028
- **Reduce emissions from capital goods 8% each year**
 - 44.86 tCO₂e saving by 2028
- **Reduce emissions servers by 8% each year**
 - 4.82 tCO₂e saving by 2028

Based on these targets, we project that carbon emissions will decrease over the next five years to 677.23 tCO₂e by 2028. This is a reduction of 28.51% from the 2023 base year.

Progress against these targets can be seen in the graph below:



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

- Completed Energy Savings Opportunities Scheme (ESOS) Phase 2 and Phase 3, identifying additional energy efficiency measures to review and implement where feasible.
- Enhanced sustainability data collection and reporting to meet increasing environmental regulatory requirements.
- Implemented hybrid working across the company to reduce emissions from commuting and business travel.
- Conducted a comprehensive staff commuting and homeworking survey to accurately estimate emissions.
- Virtual meetings prioritised over face-to-face meetings to reduce business travel.
- Reduced the number of company cars annually since 2020.
- Decreased printing company-wide.
- Introduced an electric car salary sacrifice scheme.
- Aligned our sustainability policy with our parent company's governance and additional objectives.
- Created an Emissions Monitoring System to track GHG performance.
- Improved methodology for capturing activity data and expanded the scope of emissions reporting.

In the future we hope to implement further measures such as:

- **Employee Communication and Training:** We are reviewing options for training employees to better understand how they can contribute to reducing business emissions and support client carbon reduction goals.

- **Improved Reporting:** We will review systems and suppliers to enhance emissions reporting capabilities and data granularity for proactive improvements.
- **Sustainability Expertise:** Increasing internal resources dedicated to our ESG agenda and engaging with the Advania group sustainability working group, aligning with their reporting standards.
- **Electric Car Scheme:** Reviewing our electric car scheme to encourage further adoption among employees.
- **Company Car Policy:** Assessing the feasibility of transitioning to electric vehicles for the remaining cars in our fleet upon their renewal.
- **Electric Vehicle Charging Points:** Assessing the feasibility of installing EV charging points at offices.
- **Office Locations:** Exploring ways to minimise office carbon footprints, including installing LED low-energy light bulbs, motion sensors and smart meeting room controls
- **Energy Supplier:** Working with landlords to investigate switching to 100% renewable energy suppliers for all leased offices; currently, two offices are supplied with 100% renewable energy
- **Travel and Meeting Policy:** Reducing inter-office travel for meetings and encouraging the use of technology for meetings
- **Supplier Management:** Investigating the feasibility of assessing all suppliers to prioritise in line with the government greening initiative

Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

Scope 1 and Scope 2 emissions have been reported in accordance with SECR requirements, and the required subset of Scope 3 emissions have been reported in accordance with the published reporting standard for Carbon Reduction Plans and the Corporate Value Chain (Scope 3) Standard³.

This Carbon Reduction Plan has been reviewed and approved by the Advania UK Executive Team.

Signed On behalf of Advania UK Limited:

Name: Andrew Insley

Position: Director

Date: Jul 23, 2024

Signature: 
Andrew Insley (Jul 23, 2024 16:01 GMT+1)

Email: andrew.insley@advania.co.uk

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>