AdvT Group Carbon Footprint

Version 1.0

Financial year 24-25 (Baseline)

Contents

1. Introduction

A greenhouse gas (GHG) emissions assessment quantifies the total greenhouse gases produced directly and indirectly from a business or organisation's activities. Also known as a carbon footprint, it provides businesses with a basis for understanding and managing their climate change impacts.

A GHG assessment quantifies all seven Kyoto greenhouse gases where applicable and is measured in units of carbon dioxide equivalence.

The seven Kyoto gases are carbon dioxide (CO2), methane (CH4), nitrous oxide (N2O), hydrofluorocarbons (HFCs), nitrogen trifluoride (NF3), sulphur hexafluoride (SF6) and perfluorocarbons (PFCs).

The current assessment for the AdvT-Group has been carried out in accordance with the World Business Council for Sustainable Development and World Resources Institute's (WBCSD/WRI) Greenhouse Gas Protocol; a Corporate Accounting and Reporting Standard, including the GHG Protocol Scope 2 Guidance.

This protocol is considered current best practice for corporate or organisational greenhouse gas emissions reporting.

GHG emissions have been reported by the three WBCSD/WRI Scopes.

2. Environmental Consciousness

The AdvT Group have a commitment to be a responsible business and to have a clear focus on sustainability.

The AdvT Group is taking meaningful steps to understand and reduce its environmental footprint.

One of the most important actions we're undertaking is the measurement of our carbon footprint in order to determine a baseline.

By assessing the greenhouse gas emissions associated with our operations and our supply chain, we aim to gain a clear picture of where we stand and where we can improve. This data will guide our sustainability strategy, helping us set ambitious but achievable goals for reducing emissions and driving positive change.

3. Baseline Emissions Footprint

Baseline emissions are a record of the greenhouse gases that have been produced by the AdvT Group in the past and were produced prior to the introduction of any strategies or initiatives to reduce carbon emissions. Baseline emissions are the reference point against which future emissions reductions can be measured.

For the AdvT Group, the baseline emissions are those of the financial year 2024-2025 (1/3/2024 to 28/2/2025).

Baseline Year 24/25 emissions: 3,790 tCO2e

Scope 1 Emissions	0 tCO2e
Scope 2 Emissions	1.49 tCO2e
Scope 3 Emissions	3,788 tCO2e
Total Emissions (in scope of PPN 06/21)	3,790 tCO2e
Carbon per £m revenue	87.53 tCO2e

4. Key assumptions and limitations included in the baseline calculation

- Distances travelled by air are based on the distances reported by the travel agencies for the journeys booked.
- Distances travelled by rail travel are based on direct route locations.
- When business travel mileage from personal cars were missing engine size and/or fuel type an 'Unknown' fuel type and 'Average' engine size were applied (this is the case for 78% of all miles travelled).
- For all offices, the utility data is included in the service charges meaning that it is not possible to accurately calculate the electricity consumption (kWh) and water usage (m3).
- Electricity consumption for home working was estimated on a per capita basis per day and based on the *Better Building Partnership* guidelines.
- Emissions related to Purchased Goods and Services (the second highest emission category) are based on spend equivalent, not on actuals. These calculations ignore any carbon offset programs suppliers could be part of (for example AWS).

5. Breakdown of emissions by source and key observations

Source of Emissions	Total Emissions (tCO2e/yr)	Emissions %
Energy & Utilities (offices related)	2.01	0.0532%
Business Travel	140.24	3.7000%
Hotel night stays	11.00	0.2902%
Employee Homeworking	145.00	3.8255%
Purchased Goods and Services	850.00	22.4253%
Server Use	2,642.10	69.7058%
	3,790.36	**100%**

Key Observations:

- Server use represents the highest proportion of total emissions (nearly 70%).
- Purchased Goods and Services represent the second highest emission category. Asking suppliers to provide actual consumption data would help increase the accuracy of the report and could help select suppliers with optimised consumption or that are part of carbon offset programs.
- Business travel & hotel stay at 4% of total emissions are the 3rd largest source of emissions.
- As there is currently no gas consumption at offices or any company owned cars within the business there is no Scope 1 carbon footprint.

6. Breakdown of emissions by company and scope

Source of Emissions	Scope 1	Scope 2	Scope 3	Total
IBSS	0	1.20	2,020.36	2,021.56
Retain	0	0	994.17	994.17
WFM	0	0.06	532.69	532.75
CHKS	0	0	160.54	160.54
Celaton	0	0	79.70	79.70
India	0	0.23	1.41	1.64
AdvT Group	**0**	**1.49**	**3,788.87**	**3,790.36**

7. Reduction actions/suggestions

- Focussing on servers usage will provide the biggest impact. Actions in this areas should include:
  - Optimising/Reducing server usage (turning servers when not in use).
  - Reducing the use of physical data centres with high energy consumption based on AC usage and older equipment.
- As a large proportion of purchased services relates to hosting fees (Azure & AWS), the fact that AWS use 100% green energy and that Microsoft are committed to decarbonise Azure by 2025 should ensure a visible reduction in carbon impact once these factors are taken into account as part of the calculation.
- Travel could also be targeted by recommending:
  - Reducing the miles travelled and hotel nights booked (more virtual meetings)
  - Using public transport instead of cars.
  - Using trains instead of short haul flights.

- Adding more criteria in the selection of our suppliers to emphasise carbon footprint
- Conducting a staff survey will help the AdvT-Group calculate its unique employee energy mix that can then be applied to the Employee Homeworking category carbon calculation.

DOCUMENT CONTROL

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Document History

Version	Effective Date	Brief Description of changes / updates made to …
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Reviewers (i.e. those who reviewed the document)

Name	Role	Function	Date
Lecoeuche, Hugues	Integration Director	Compliance	01/10/2025
Hugill, Gavin	Group CFO	Finance	01/10/2025

Distribution / Communication (i.e. those who are to receive a copy once published)

Name	Primary audience / role holders
Corporate Intranet **Corporate Internet**	YES NO
AdvT Colleagues	• MS Teams – A post on teams in the 'All Company' community • Email to key stakeholders with summary of changes
Procurement Team / Third Party Suppliers	NO. Internal Use Only

Approval (i.e. those who have final authority to approve the Policy / Standard / Procedure)

Name	Role	Function	Date of approval
Hugill, Gavin	Group CFO	Finance	01/10/2025