



A&P Carbon Reduction Plan 2022 rev2

Publication date: 26 October 2022

Commitment to achieving Net Zero

1. A&P is committed to achieving Net Zero emissions across our operations (Scope 1 and 2) by 2030 and working towards a net zero value chain by 2050.

Baseline Emissions Footprint

2. Baseline emissions are a record of the greenhouse gases that have been produced in the past and were produced prior to the introduction of any strategies to reduce emissions. Baseline emissions are the reference point against which emissions reduction can be measured.

Baseline Year: Financial year ending March 2020*

Additional Details relating to the Baseline Emissions calculations.

Baseline Emissions (and Current Emissions) have been calculated by taking the total UK emissions of A&P Group for Scopes 1 and 2 and apportioning the emissions for each scope to A&P Group based upon the turnover of A&P Group.

The total UK emissions for Scope 1* and 2** emissions are calculated in line with the methodology that is set out in the A&P Group Annual Report 2020.

The required Scope 3*** emissions categories have been calculated for the UK as follows:

- Business travel: emissions are based upon the type of travel, the distance travelled and relevant conversion factors.
- Commuting: emissions have been calculated using the number of UK employees, commuting data from the Department of Transport, Office of National Statistics and RAC Foundation, and applying related UK Government conversion factors for CO₂e.
- Waste: emissions have been calculated using the quantities of waste produced and recycled and applying related UK Government conversion factors for CO₂e.

*Scope 1: Direct Green House Gas (GHG) emissions.

**Scope 2: Indirect GCH emissions.

***Scope 3: Emission associated, not with the company itself, but emissions that the organisation is indirectly responsible for, up and down our value chain.



Baseline year emissions: Financial year ending 31 March 2020

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	1,054,694
Scope 2	2,333,150
Scope 3 (Included Sources)	9,105
Total Emissions	2,602,839

Current Emissions Reporting

Reporting Year: Financial year ending March 2021

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	771,861
Scope 2	1,818,818
Scope 3 (Included Sources)	12,160
Total Emissions	2,333,150

Emissions reduction targets

3. A&P Group has set itself the target of:
 - a. achieving net zero greenhouse gas emissions across our operations (Scope 1 and 2) by 2030. The Group aims to do this by reducing its emissions as a minimum in line with the 1.5°C pathway; and
 - b. working towards a net zero value chain by 2050.
4. Interim targets have not yet been set but will be identified as part of Phase three of A&P Group Target zero programme (see below for further details).
5. We do not currently have any carbon emissions reduction projections and are therefore unable to confirm the precise amount by which carbon emissions will decrease over the next five years or the corresponding percentage reduction.

Carbon Reduction Project: Completed Carbon Reduction Initiatives

6. The following environmental management measures and projects have been completed or implemented since the 2020 baseline. These schemes have contributed to a reduction in greenhouse gas emissions and the measures will be in effect when performing the OPV FS Contract.
7. We are not yet able to calculate the tCO₂e reduction achieved by these schemes or the corresponding percentage reduction achieved against the 2020 baseline.
8. During 2021, energy efficiency measures have been implemented at A&P sites across the A&P Group. The most notable include LED lighting replacements at several sites within the A&P Group, replacement of current single panel windows with double glazed units, improvements to LEV controls, and reductions in floor space utilisation.
9. The A&P Group purchased 14,464,806 MWh of renewable energy attributes under the Renewable Energy Guarantees of Origin scheme during 2021.



10. The following initiatives have been implemented / reviewed at A&P Group level during 2021:
 - a. A&P Group committed to the United Nations' Race to Zero campaign by signing up to the Business Ambition for 1.5°C. This commits A&P Group Ltd to setting science-based targets to align with the aim of the Paris Agreement to limit global warming.
 - b. Target zero programme. A&P Group has developed a Net Zero Pathway roadmap and considered the use of several strategic levers, to enable emissions to be reduced as far as possible, including activities relating to:
 - i. Reduction in travel by car, flights, trains by wider use of technology communications (Teams, Zoom), reducing fuel consumption by 70%.
 - ii. Overhaul of electric portal cranes and upgrade of DC to AC (No 28 and No 29 circa 1.3 million investment) to reduce the use of mobile diesel cranes.
 - iii. LED lighting replacements at several sites within the A&P Group.
 - iv. Replacement of current single panel windows with double glazed units.
 - v. Improvements to LEV controls in workshops and on projects.
 - vi. Overhaul of dock pumps and sluice in Falmouth.
 - vii. Reductions in floor space utilisation and demolition of old buildings replaced with new energy efficient buildings.
 - viii. Further develop of the A&P Sustainability Matters programme using our Energy Committee forums and management review process.
 - ix. New waste recycling contract with Biffa and the commitment made by both Biffa and A& of "zero to land fill" has resulted in 70% improvement.
11. In 2022 we will implement further measures such as:
 - a. Replacement of all lighting to LED and incorporating sensors where possible to ensure energy is only used when required, by March 2023.
 - b. Installation of Electric Vehicle charging points on sites for visitors / contractors by October 2022.
 - c. Implement solution for shore supply to vessels of all types both Cruise Liners, Commercial and MOD by March 2023.
 - d. Replacement of on-site diesel vehicles (forklifts, vans, pickup trucks) with electric / biodiesel vehicles where possible. A&P is currently testing electric powered vehicles,
 - e. Reviewing Solar powered office solution and welfare suites for A&P Falmouth.
 - f. Best fit salary sacrifice scheme has been identified for electric vehicles currently finalising rollout plan, scheme to commence by end of 2022.
 - g. Our Net Zero Pathway project has commenced a full site review of the Falmouth facility is being conducted in November 2022 to explore further energy saving initiatives.

Declaration and Sign Off⁴

12. This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.
13. Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol



corporate standard⁵ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting⁶.

14. 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) Standard⁷.
15. This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body) on 26 October 2022.

Signed on behalf of the Supplier:

A handwritten signature in black ink, appearing to read 'K Peart'.

Kevin Peart

Chair, A&P Group Sustainability Steering Group

Date: 26 October 2022

² As emissions for A&P Group Ltd have been calculated by apportioning UK emissions as a percentage of Group turnover in the UK, the completed carbon reduction projects referred to in this section are projects that have been carried out in the UK by sites in the A&P Group Ltd.

³ This wording has been modified from the template wording for the reasons given.

⁴ These declarations are made subject to the detail within this Carbon Reduction Plan on our methodology and reporting.

⁵ <https://ghgprotocol.org/corporate-standard>

⁶ <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

⁷ <https://ghgprotocol.org/standards/scope-3-standard>