



PPN 06/21
Carbon Reduction Plan
April 2024

Background

AHP Architects and Surveyors Limited has committed to be Net Zero Carbon (Scope 1, 2 and 3 emissions) in terms of its UK business operation by 2035.

To facilitate this transition, AHP Architects and Surveyors has committed to a 5% reduction in CO₂e emissions every year and engaging employees to drive improvements.

This Carbon Reduction Plan, developed in accordance with PPN 06/21 guidance, sets out guiding principles, policies, strategies, and targets for absolute reduction in carbon dioxide and other greenhouse gas emissions (CO₂e) across AHP's UK business operation, against independently audited benchmark data.

AHP has collated and verified Scope 1, 2 and 3 CO₂e emissions associated with the consumption of electricity (including transmission and distribution losses), natural gas, water and paper as well as accounting for waste streams and vehicle/business travel across the UK operation.



Sustainability

Guiding Principles

In response to the need to reduce the AHP Architects and Surveyors carbon footprint, and in particular the commitment to achieve Net Zero Carbon by 2035, a set of overarching guiding principles were developed. These principles are considered as part of the decision-making process to ensure that resource efficiency and CO₂e reduction mechanisms are embedded from the outset in all activities.

Guiding Principle 1: Adopt a Circular Economy Approach

In very simple terms, to become resource efficient in relation to how the business uses energy for its buildings, how it consumes products and what it does with those products afterwards. Everyone in the business can help support and deliver on circular economy principles.

Guiding Principle 2: Go Fossil Fuel Free

Migrate the business away from the use of fossil fuels to provide energy for buildings (gas) and the use of liquid fossil fuels (petrol/diesel) to provide energy for cars. In simple terms the business can:

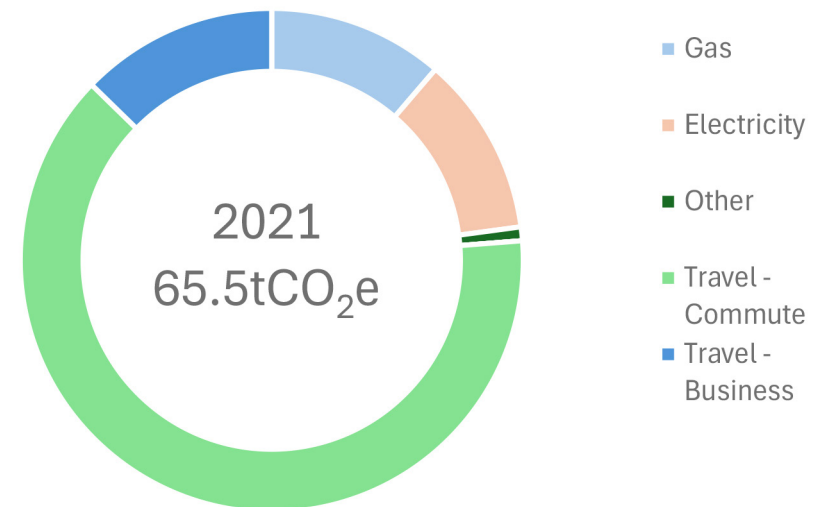
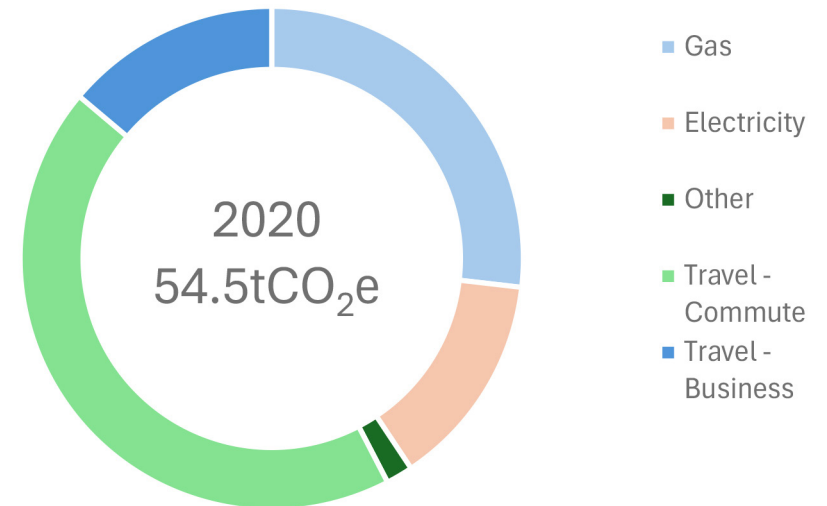
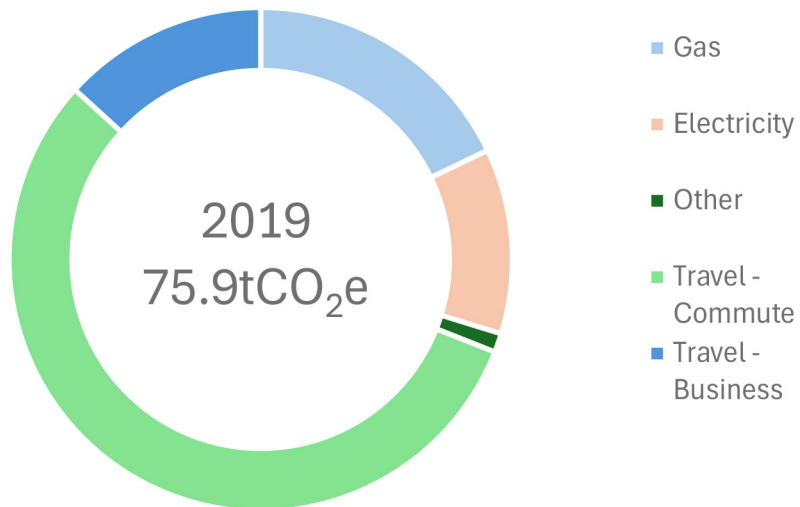
- Produce its own energy from renewable sources (e.g. Solar Photovoltaic Panels).
- Take advantage of grid decarbonisation and adopt electrification of heat principles i.e. move from gas-fired boiler derived heat energy to electric heat-pump derived heat energy across the UK owned office portfolio.
- Work with existing landlords to identify energy efficiency and electrification of heat opportunities in current leased office building stock.
- Support staff to change to EVs



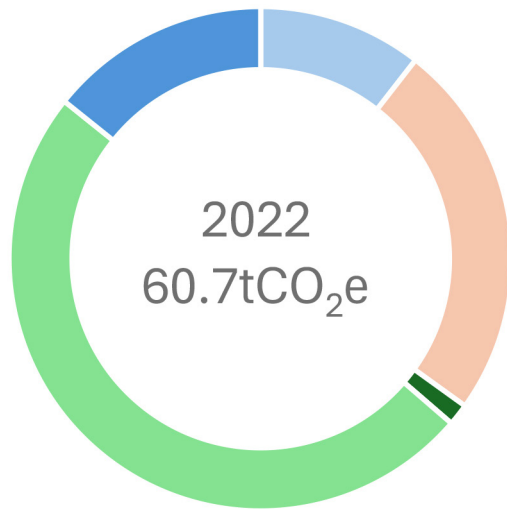
Our emissions

The baseline AHP Architects and Surveyors Limited carbon footprint was calculated in 2019.

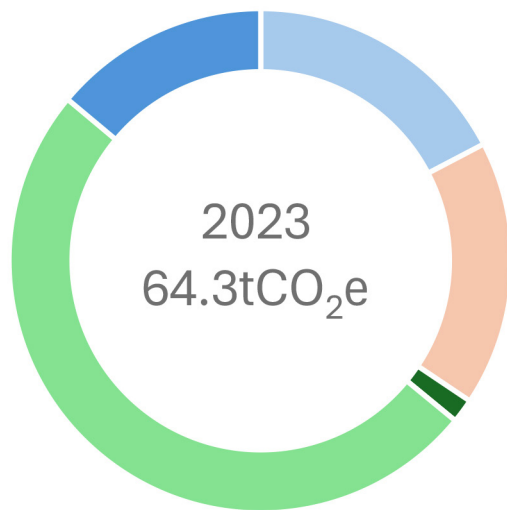
- Carbon footprint for our operations baseline: 75.9tCO₂e



Our emissions



- Gas
- Electricity
- Other
- Travel - Commute
- Travel - Business



- Gas
- Electricity
- Other
- Travel - Commute
- Travel - Business



Scope 1, 2 and 3

We measure Scope 1, 2 and 3 Greenhouse Gas (GHG) Emissions as defined by the Greenhouse Gas (GHG) Protocol.

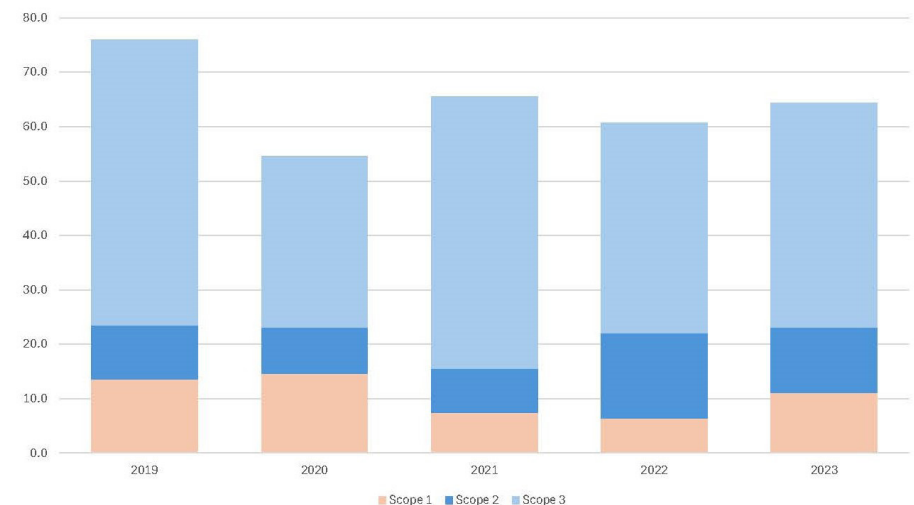
Scope 1: Direct GHG emissions occurring from sources owned or controlled by the organisation e.g. vehicle emissions and on-site emissions from boilers.

Scope 2: Indirect GHG emissions from the off-site generation of purchased energy e.g. grid electricity used by the organisation.

Scope 3: All other indirect GHG emissions, which are a consequence of the organisation's activities but occur from sources not owned or controlled by the organisation e.g. 'upstream' emissions from the production and transportation of purchased goods, and 'downstream' emissions from the use and disposal of the organisation's products and services.

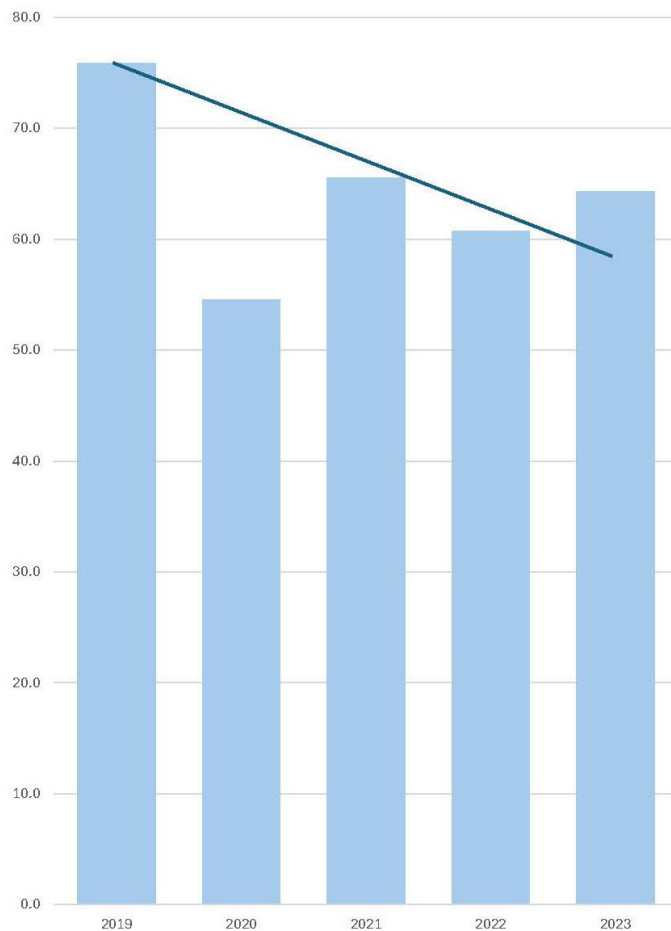


Emissions (tCO ₂ e)	2019	2020	2021	2022	2023
Scope 1	13.6	14.6	7.4	6.4	11.2
Scope 2	10.0	8.5	8.2	15.7	12.0
Scope 3	52.4	31.4	50.0	38.7	41.2
Total	75.9	54.5	65.6	60.7	64.3



Banked Emissions and Trajectory

Since the baseline year of 2019 there is a trend showing a reduction in CO₂e. 2020 was an exception as this takes into account the Covid pandemic. Although there was an increase on the previous year in 2023 the data for 2021 and 2022 is more typical and shows the reductions required in order for AHP to meet it's Net Zero target.



Carbon Reduction Initiatives

Change timescales within our workplace

Our commitment to the environment is long established and was formalised in 2013 when we received our ISO 14001 Environmental Accreditation. Following our management restructure and our business becoming an Owner Employee Trust we have further implemented measures since our operating baseline year of 2019. Measures will continue to be in place and will be supplemented by further initiatives to continue to deliver continuous improvement and to meet our carbon reductions targets.

Initiatives

- solar panels - ongoing
- air source heat pumps - ongoing
- Use 100% renewable energy provider - ongoing
- consider not printing - complete
- work from home where you can - complete
- keep working local - ongoing
- reduce food waste - ongoing
- reduce packaging, waste, recycle, reuse - ongoing
- cloud storage of data - ongoing

Initiatives implemented

- EV charging points at offices - Complete
- Travel efficiency, agile working - Complete



Governance and Declaration

The Directors are responsible for setting the strategic direction of the Carbon Reduction Plan, agreeing resources to be devoted to each project and reviewing progress against the 5% year on year absolute CO₂e reduction target.

Projects will be prioritised on the basis of cost/affordability, and energy/CO₂e reduction potential and condition,

This Carbon Reduction Plan has been completed in accordance with the requirements of PPn 06/21 and associated guidance. AHP Architects and Surveyors will collate and verify Scope 1, 2, 3 CO₂e emissions across its UK business operation. The Carbon Reduction Plan has been reviewed and signed off by the Board of Directors.

Signed

Name: Adrian Clark - Director



Name: Matthew Russell - Director



Name: Lee Grady - Director



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