



Roadmap to Net Zero January 2024

Amey

At Amey, we have set a goal to accelerate the change to a resilient and low carbon future.

Our changing climate creates unprecedented challenges for asset owners and operators of critical infrastructure, but it also creates opportunities for positive change.

As the climate emergency becomes more urgent by the day, we're working with clients, communities, and industry partners to tackle it together.

This document shares our approach and progress towards becoming a Net Zero organisation.





Decarbonisation and energy efficiency

Reduce and optimise the use of energy and natural resources across infrastructure management

Infrastructure resilience

Upgrade infrastructure so it can both absorb environmental shocks, and deliver on the energy transition

Nature positive

Protect biodiversity and enable nature recovery so that it can thrive across the places we work

Net Zero organisation

Getting our own house in order and achieving Net Zero by 2040

We use the GHG Protocol Corporate Accounting and Reporting Standard to measure our emissions.

This table provides a breakdown of all the scopes that Amey report under and descriptions of what that comprises.

Each year we partner with British Standards Institution (BSI) to verify our emissions in accordance with ISO 14064-1 (quantifying and reporting greenhouse gas emissions).

Our Greenhouse Gas Management System documents our method and processed.

Source	GHG Scope	In scope	Out of scope
<i>Energy use - Fuel</i>	1	Petrol, diesel, LPG we purchase to fuel our fleet and plant	
<i>Energy use - Electricity</i>	2	Electricity and gas we purchase to light and heat our buildings	Energy we don't purchase (energy used by Amey people in client offices)
Purchased goods and services*	3 (Category 1)	Contractor emissions: Petrol, diesel and LPG purchased to deliver services to Amey. The electricity and gas to light and heat their buildings. Goods used: Embodied carbon from the extraction, production and transportation of goods we purchase	
Fuel and energy related activities (not included in Scope 1 or Scope 2)	3 (Category 3)	Emissions associated with extraction, refining and transporting to the forecourt or on-site storage of the fuel we use; and transmission losses on energy we purchase	
Upstream transportation and distribution	3 (Category 4)	Transportation and distribution between our suppliers and the point of use of good we purchase	
Waste generated in operations	3 (Category 5)	Treatment of waste produced by Amey in the delivery of our services	Client waste managed by Amey
Business travel	3 (Category 6)	Our flights, trains, buses, taxis, cars and hotel accommodation for business travel	
Employee commuting	3 (Category 7)	Our trains, buses, taxis and cars for commuting	

*We are currently using financial proxies to support Scope 3 - Category 1 emission reporting. We are working towards using supplier led carbon information as we progress our journey towards Net Zero.

Amey has set the following long-term Net Zero targets.

These have been set in line with the Science Based Targets Initiative, for which we are seeking final approval.

2030

42% absolute reduction

Scope 1
Scope 2
Scope 3

2035

80% Net Zero reduction

Scope 1
Scope 2

68% reduction
Scope 3

2040

100% Net Zero reduction

(with a maximum of 10% off-setting)
Scope 1
Scope 2
Scope 3

To achieve our targets, we will follow these key principles:

Reduce

Our energy consumption, becoming more efficient in delivering services

Transition

Our energy use to low carbon alternatives, with a focus on eliminating fossil fuels from vehicles and plant

Innovate

The use of tools and materials in our design and operations, working to assess and identify sustainable low carbon alternatives

Engage

Our customers, industry and suppliers, ensuring circular economy principles are driven through the supply chain.

Our inhouse experts

- Group ESG Team with Carbon & Climate Business Partners and Environmental Managers
- Professional Environmental and Sustainability Heads, Business Partners, Managers and Advisors – across each of our operational Business Units
- Environmentalists and Carbon Practitioners in our Sustainability Solutions Team providing inhouse, multidisciplinary support:
 - ✓ Environmental assessment and enhancements with the aim of ensuring nature thrives and creating biodiversity gain
 - ✓ Climate resilience and adaptation, with the aim of reducing carbon emissions and supporting climate change resilience
- BREEAM Infrastructure and Energy Assessors
- Chartered Mechanical and Electrical Engineers, Civil and Structural Engineers and Architects
- Data Analysts providing Advisory Services and Digital and Data Solutions
- Fleet and Procurement Team



2019

- Realised a 5% absolute reduction on Scope 1 and 2 emissions (over 2,000 tCO2e) from 2016 baseline
- Set our new baseline for Carbon Targets
- Mobilised a fleet of 22 Nissan e-NV200 electric vehicles, and installed 21 electric vehicle charging points across our depots in Sheffield

2020

- Became signatories to the Pledge to Net Zero
- Removed all traditional internal combustion engine vehicles from the Company Car Choices List
- Increased the cycle to work certificate limit from £1000 to £3000
- Transitioned our energy procurement to 100% renewable energy.

2021

- Committed to develop proposed SBTi targets
- Published our first 'Roadmap to Net Zero' plan
- Launched our Carbon employee ideas generation campaign – Springboard
- Trial of biofuel-based fleet
- Large electric vehicle trial across our operational contracts
- Commenced anti-idling campaigns to improve local air quality and reduce unnecessary emissions
- Trial and replacement of diesel-powered welfare units to new eco-hybrid

2022

- Achieved BSI ISO14064 Greenhouse Gas reporting and quantification verification of emissions (2019-2021)
- Developed our Power BI platform for the business to track carbon emissions centrally
- Progressed the transition to electric fleet and plan
- Joined the Supply Chain Sustainability School, to support suppliers with their action for Net Zero
- Introduced need for details/evidence of how and what social value and sustainability benefits suppliers commit to

2023

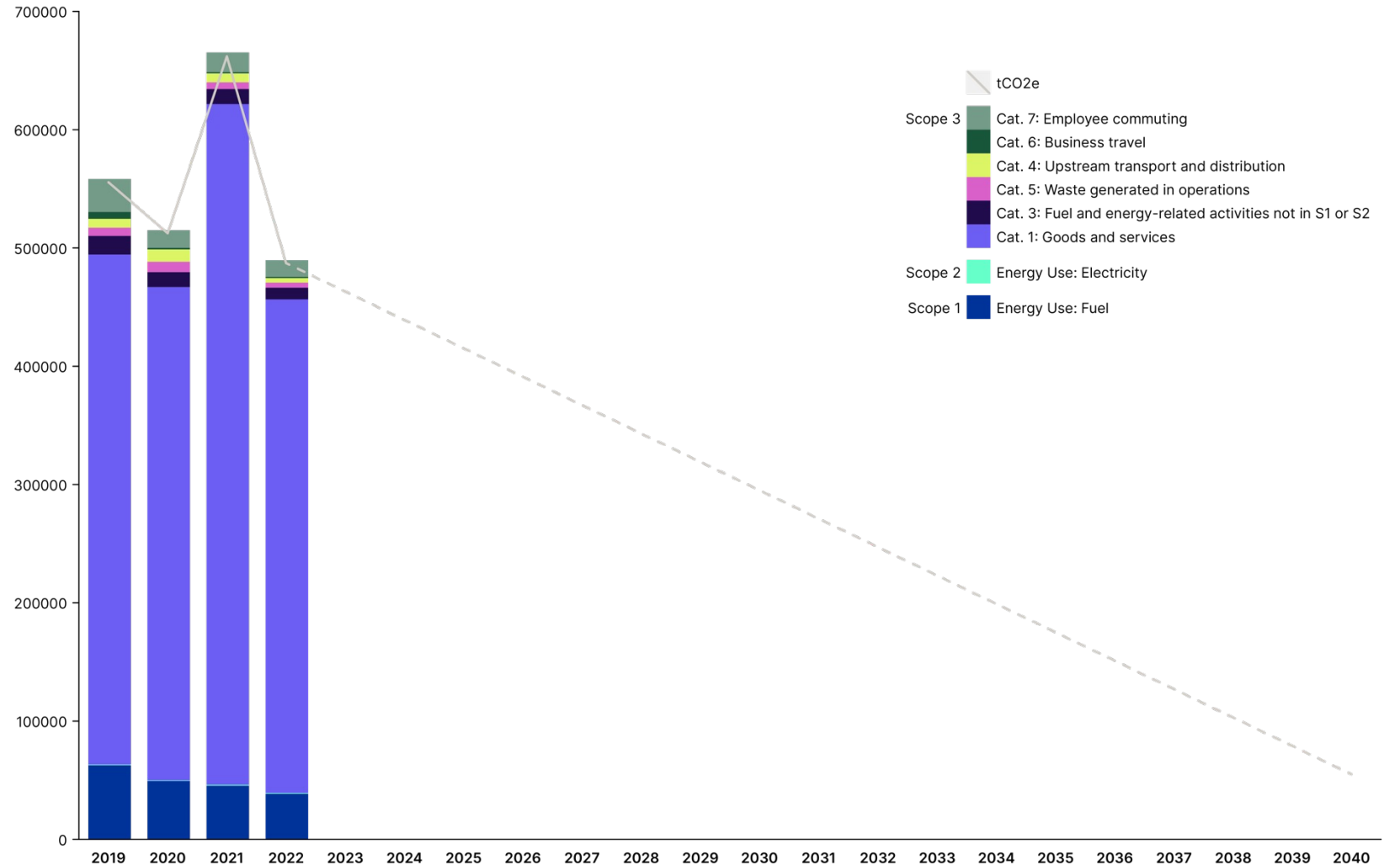
- Achieved BSI ISO 14064 verification of emissions (2022)
- Progressed approval for SBTi Targets
- Introduced our 'EV First' Company Car Policy
- Achieved PAS 2028 Carbon Management in the Built Environment (Designer)
- Achieved ISO 5001 Energy Management System - delivery team, meaning Amey can offer services to clients under
- Amey wide projects to provide EV charger infrastructure across key depots and sites

OUR GREENHOUSE GAS EMISSIONS TO DATE AND TRAJECTORY GOING FORWARD

This graph shows Amey’s annual emissions since the baseline year of 2019.

The broken line shows the reduction required to meet our 2040 Net Zero target.

Whilst the projected pathway appears as a straight line, Amey anticipates, with the change in how much carbon we emit each year, reducing our impact will be more of a step process.



OUR VERIFIED GREENHOUSE GAS EMISSIONS PERFORMANCE

Scope and category	Detail	2019 tCO ₂ e	2020 tCO ₂ e	2021 tCO ₂ e	2022 tCO ₂ e
1	Energy use - Fuel	62,607	49,280	45,291	38,477
2	Energy use - Electricity	472	430	707	604
3 (Category 1)	Goods and services	430,346	416,227	574,370	416,474
3 (Category 3)	Fuel and energy related activities (not included in Scope 1 or Scope 2)	15,765	12,720	12,776	9,973
3 (Category 4)	Upstream transport and distribution	6,894	8,673	5,515	4,158
3 (Category 5)	Waste generated in operations	7,492	10,439	7,641	3,909
3 (Category 6)	Business travel	5,715	1,268	861	942
3 (Category 7)	Employee commuting	27,927	14,919	16,772	14,131
		557,218	513,957	663,934	488,669



We have introduced a range of tools to support our teams to raise their awareness and competency around carbon and climate change.

Resources for employees and supply:

- **Introduction to Climate Change**
In 2022 100% of our senior leadership team undertook this e-learning module.
- **Carbon literacy**
In 2021 1,400+ Amey Consulting employees completed our 'Project Carbon Reduction' e-Learning module, reinforcing our focus on tackling climate change throughout the lifecycle of designs.
- **Project Carbon Challenge**
To further accelerate our provision of low carbon solutions our Consulting teams piloted our new Project Carbon Challenge. This promotes best practice and encourages all members of our team to challenge traditional approaches, specifications, processes and behaviours.

Wider resources we provide:

- **Sustainability Learn at Lunch Sessions**
Positive environmental and social change
- **Carbon Awareness**
Delivered to both operational and client teams by our carbon, environment and sustainability professionals – as required.
- **Institute of Environmental Management & Assessment (IEMA)**
Accredited carbon training delivery across our value chain



2024 NET ZERO OBJECTIVES AND TARGETS

Objectives:

- Achieving verification of PAS 2080 (Asset Manager and Constructor) – alongside maintain PAS 2080 (Designer) verification
- Receive final approval for our SBTi
- Top 10 procurement categories will have in place Carbon Reduction Roadmaps for agreed suppliers. Evidence of carbon reduction will be realised in year for each of these suppliers.
- Undertake a deep dive on our Scope 3 data, and reporting platform to enable the business to better track reduction progress.

Targets:

- 6% reduction Scope 1 and Scope 2 emissions
- Achieve 60% of employees with Elective Vehicle Company Cars, including 'Business Need' and 'Benefit populations'
- Achieve 25% of commercial vehicles; cars and LCVs, transitioned to EV
- 80% of strategic suppliers will have or be working towards gaining a Science Based Target



Beyond Amey's own ambitions to achieve Net Zero, we support and comply with the following key climate change and carbon reporting disclosures:

- The UK government's Streamlined Energy and Carbon Reporting (SECR) policy was implemented on 1 April 2019, when the Companies (Directors' Report) and Limited Liability Partnerships (Energy and Carbon Report) Regulations 2018 came into force. It requires Amey to share energy use and carbon emissions information in their annual reports.
- The Energy Savings Opportunity Scheme (Amendment) Regulations 2023, requires Amey to carry out energy audits and identify energy saving measures.
- Procurement Policy Note 06/21 Taking Account of Carbon in the procurement of major government contracts - requires Amey when bidding for government contracts to commit to achieving Net Zero by 2050 and publish a Carbon Reduction Plan.
- The Companies (Strategic Report) (Climate-related Financial Disclosure) Regulations 2022 (SI 2022/31) is a statutory instrument, which came into force in April 2022 and introduced additional disclosure requirements into the Companies Act 2006. Amey will first disclose against this in the 2023 Annual Report.
- Please refer to [Reports, Statements & Certificates](#) on our website.



VOLUNTARY INITIATIVES WE SUPPORT

Amey support a range of voluntary initiatives, which alongside the wider sectors in which we operate aim to raise the commitment and action for climate change

- **Science Based Target Initiative**
A global initiative that helps companies set science-based emissions reduction targets and drive sustainable growth. Amey has established SBTi's, with approval due in Q1 2024.
- **Pledge to Net Zero**
Established to commit organisations from the environmental sector to take a leadership role in the transition to a Net Zero carbon economy.
- **UN Global Compact**
A voluntary initiative based on CEO commitments to implement universal principles to take steps to support UN SDGs.
- **PAS 2080**
A global standard for managing carbon within the built environment. We have achieved designer certification from British Standards Institution (BSI).
- **ISO 14064-1**
A global standard for quantifying and reporting greenhouse gas emissions. We received verification of our carbon footprint from 2019 to 2022 from the BSI as part of our commitment to achieving Net Zero.



SUPPORTING OUR CLIENTS WITH DECARBONISATION AND ENERGY TRANSITION

In a world where the climate challenge grows more urgent by the day, transitioning to a sustainable, low-carbon energy system is no longer an option but a necessity.

We're helping to address these challenges through innovation, drawing on our world-leading data analytics capabilities to find new solutions. We combine cutting-edge technology, strategic planning, and a collaborative approach to deliver roadmaps that meet needs of today while paving the way for a sustainable future.

Some of the areas we are working on include:

- Net Zero strategies and roadmaps for buildings, estate, and infrastructure projects
- End-to-end climate-resilient, low-carbon design, build and operations of new infrastructure
- Data strategies to generate actionable insights, drive decisions and integrate decarbonisation plans
- Whole life carbon assessments and management aligned with PAS 2080
- Novel nature-based solutions to lower carbon emissions, improve biodiversity and create new community spaces

Please refer to our website to find out more.





Amey