Carbon Reduction Plan

Supplier name: Amey Highways Limited

Publication date: November 2025

Commitment to achieving Net Zero

Amey Highways Limited is committed to achieving Net Zero emissions by **2040.**

Amey is a leading provider of full life-cycle engineering, operations and decarbonisation solutions for transport infrastructure and complex facilities. Amey Highways Limited is a 100% owned subsidiary of Amey UK Ltd which operates within the Highways Sector of Amey's Transport Infrastructure Business Unit. Our expert teams provide engineering design and whole-life asset management advice, recommending solutions which maximise road capacity, reduce negative environmental impacts and strengthen our infrastructure for a more sustainable future.

We design and maintain assets on local and strategic roads, managing over 30,000km of highway for National Highways, Transport Scotland, Department for Infrastructure (NI) and numerous local authorities.

Focusing on effective operational delivery, we provide asset management transformation, cyclical and reactive maintenance, street lighting and technology services (including EV public charging), keeping local communities connected to vital services, enable more reliable journeys and leaving a legacy for future generations.

Amey Highways Limited is currently party to Amey's contract with key clients as detailed in Appendix A and it is these specific activities that the following emissions footprint is based on, whilst our Carbon Reduction Projects and management measures are informed by our wider Highways activities and activities as Amey Group as a whole, as are the management measures that will be in effect when performing the contract.

Baseline Emissions Footprint

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: 2019
Additional Details relating to the Baseline Emissions calculations.
The 2019 baseline detailed below, was calculated using established datasets for Scope 1 and 2 and Category 6 – Business Travel in Scope 3. The remaining Scope 3 Categories in the scope of this Carbon Reduction Plan have been calculated using new datasets and methodologies which were not established within the business before 2021. These were established to ensure we can calculate, monitor and reduce our Scope 3 emissions as an integral aspect of our Net Zero Ambition, which was launched in April 2021. The Carbon Emissions detailed within this Carbon Reduction Plan are calculated in accordance with the GHG Corporate Accounting and Reporting

Standard and the GHG Protocol Scope 3 Technical Guidance. The data is also verified annually in accordance with ISO:14064 Specification for quantification and reporting of greenhouse gas emissions, by BSI as an accredited independent third party. The operational boundary has been set using the Operational Control approach.		
Baseline year emissions:		
EMISSIONS	**TOTAL (tCO_2e)**	
Scope 1	**2.3**	
Scope 2	**0.002**	
Scope 3 **(Included Sources)**	Category 4 - Upstream Transport & Distribution Category 5 - Waste Generated in Operations Category 6 - Business Travel Category 7 - Employee Commuting Category 9 - Downstream Transport & Distribution **Scope 3 TOTAL**	0.5 0.1 0.1 1.5 0 **2.2**
Total Emissions	**4.6**	

Current Emissions Reporting

Reporting Year: 2024		
EMISSIONS	**TOTAL (tCO_2e)**	
Scope 1	**1.5**	
Scope 2	**0.001**	
Scope 3 **(Included Sources)**	Category 4 - Upstream Transport & Distribution Category 5 - Waste Generated in Operations Category 6 - Business Travel Category 7 - Employee Commuting Category 9 - Downstream Transport & Distribution **Scope 3 TOTAL**	0.5 1.0 0.1 1.1 0 **2.7**
Total Emissions	**4.2**	

Emissions reduction targets

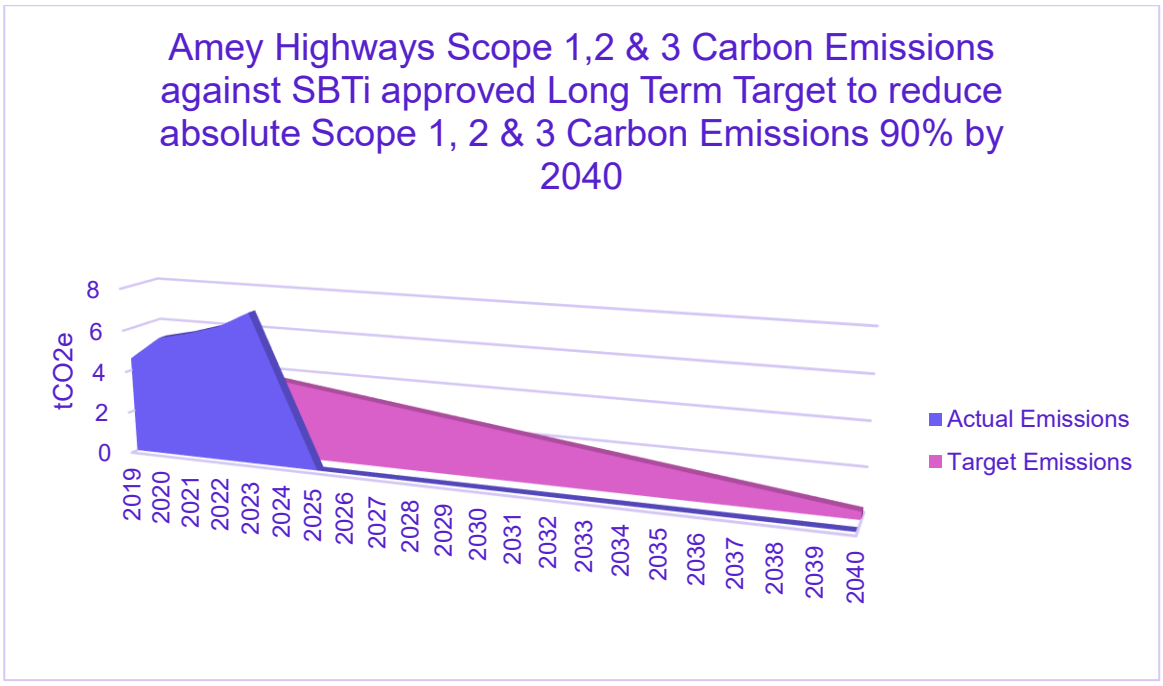
In order to continue our progress to achieving Net Zero, we have adopted the following SBTi approved carbon reduction targets:

Overall Net-Zero Target: Amey UK Limited (including Amey Highways Limited) commits to reach net-zero greenhouse gas emissions across the value chain by 2040.

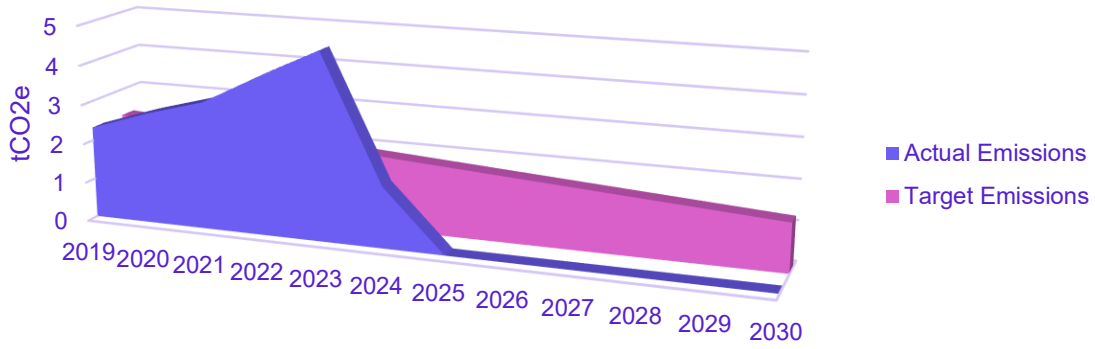
Near-Term Targets: Amey UK Limited (including Amey Highways Limited) commits to reduce absolute scope 1 and 2 GHG emissions 52.8% by 2030 from a 2019 base year. Amey UK Limited (including Amey Highways Limited) also commits to reduce absolute scope 3 GHG emissions 30.0% within the same timeframe.

Long-Term Targets: Amey UK Limited (including Amey Highways Limited) commits to reduce absolute scope 1 and 2 GHG emissions 90% by 2040 from a 2019 base year. Amey UK Limited (including Amey Highways Limited) also commits to reduce absolute scope 3 GHG emissions 90% within the same timeframe.

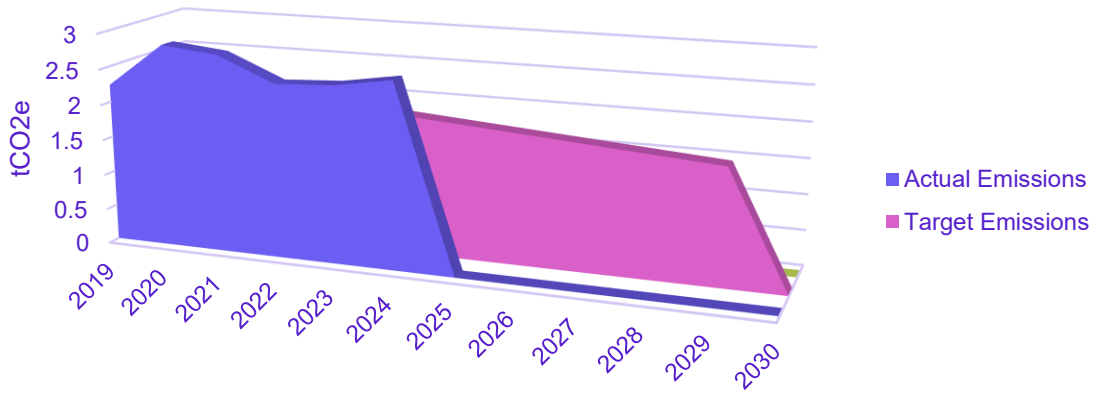
Progress against these targets can be seen in the graph below:



Amey Highways Scope 1&2 Carbon Emissions against SBTi approved Near Term Target to reduce absolute emissions by 52.8% by 2030



Amey Highways Scope 3 Carbon Emissions against SBTi approved Near Term Target to reduce absolute emissions by 30% by 2030



Carbon Reduction Projects

Completed Carbon Reduction Initiatives

To achieve our Net Zero targets we have implemented a detailed Road Map to Net Zero and Carbon Transition Plan (IWA 42 Net Zero Guidelines independently verified and certified) alongside our ESG Strategy, with our goal to accelerate the change to a resilient and low carbon future delivering long term sustainable value through priority action focused on:

- **Decarbonisation and energy efficiency**: Reduce and optimise the use of energy and natural resources across infrastructure management
- **Nature positive**: Protect biodiversity and enable nature recovery so that it can thrive across the places we work
- **Infrastructure resilience**: Upgrade infrastructure so it can both absorb environmental shocks, and deliver on the energy transition
- **Net Zero organisation**: Getting our own house in order - achieving Net Zero by 2040

Our **Highways Environmental & Sustainability Leadership Model** ensures our leadership and commitment to environmental management, with members of our senior leadership team taking accountability for key environmental material themes, ensuring environmental and social policies and objectives are established, sufficient resources are in place and that environmental sustainability is integrated into our business management and decision making processes.

Our leaders are supported in their role in leading with environmental sustainability, ensuring the continual improvement of our environmental performance through our **Environmental Impact Leadership Programme** developed with the Institute of Sustainability and Environmental Professionals (ISEP).

Amey Highways Limited is certified to ISO 14001:2015 (Certificate No. EMS 535951) and our **environmental management system** includes policies, standards, guidance and processes to identify and reduce environmental impacts. It also includes our **PAS 2080:2023 Carbon Management process**, the implementation of which as Asset Owner/Manager, Designer and Constructor has been independently verified and certified, as are our carbon emissions annually to **ISO:14064 Specification for quantification and reporting of greenhouse gas emissions**, by BSI as an accredited independent third party.

Our commitment to effective identification, development, and management of collaborative business relationships for decarbonisation is further demonstrated by Amey Highways Limited being certified to ISO 44001 Collaborative Business Relationship (Certificate No. CBR 738863).

Our way of working to help the planet flourish

Planet+ Our six-point framework for employees to help simplify and elevate great sustainability behaviours and practices.

Activating, educating, and empowering everyone, through a framework that targets barriers and increases environmental awareness so that greener behaviours are easier to achieve. It supports Amey's mindset that every job is a 'green job' and everyone has a unique contribution to deliver sustainability, linked to their day to day roles.

Designed to deliver Amey's strategic environmental objectives to achieve decarbonisation and energy efficiency, be nature positive, deliver infrastructure resilience, and create a Net Zero organisation.

Decarbonisation, Energy Efficiency

We are committed to net zero maintenance and construction emissions by 2040.

Decarbonising our Fleet & Plant

We have introduced an EV First Company Car Policy with 93% of our company car fleet being electric in 2025. To enable this transition we have been working with Novuna Vehicle Solutions to assess our work locations and install, operate and maintain EV charge points, with the first being at our Polmadie Depot in Glasgow with Transport Scotland.

We are in the process of transitioning our operational fleet and plant away from traditional fossil fuels, adopting available and suitable low carbon technologies for our operations; with a focus on electric technology for light commercial vehicles and plant (<3.5t) (currently targeting 32% of the Light Commercial vehicle fleet being EV by end 2025, 53% by end 2026, 60% by end 2027, 65% by end of 2028) and Hydrotreated Vegetable Oil (HVO) diesel for heavy commercial vehicles and plant(>7.5t), as an interim solution whilst hydrogen and electric technology develops, working with our partners Novuna and Speedy Hire to trial and adopt long term low carbon solutions as and when they become available.

Decarbonising our Winter Service Fleet

Working with vehicle owners and manufacturers, we have transitioned the Kent, Staffordshire, and Area 10 Winter Service Fleets to HVO and are looking at further opportunities to transition our fleets across Highways.

Reducing carbon and increasing value across the whole life of buildings:

Utilising the technical competencies of our in house Facilities and Energy Transition and Sustainability Teams we are working with our clients to determine decarbonisation strategies for the buildings we operate as part of our services, focusing on:

- energy efficiency, behavioural change and data management
- renewable generation
- building fabric improvements
- heat decarbonisation

Continually improving our Net Zero Operational Depot Blue Print developed in line with The Carbon Trust Triple Standard for Carbon, Water & Waste.

Case Study New Environmentally Sustainable Office, Olive Grove Depot, Sheffield

Delivered in partnership with Sheffield City Council. The new modular office serves as the operational hub for the city's highways maintenance services under the Streets Ahead contract. Designed to exceed local planning requirements and built to the highest environmental standards, the office includes:

- ✓ *BREEAM 'very good' accreditation*
- ✓ *Considerate Constructors Scheme 'Excellent' rating*
- ✓ *At least 10% of energy from decentralised, renewable or low-energy sources*
- ✓ *Biodiverse landscaping, including living walls and a wildflower roof*
- ✓ *Surface water management and rainwater harvesting systems*

Constructed off-site using modern modular techniques, the building significantly reduces environmental impact, cutting carbon emissions from delivery vehicles by up to 30 per cent, halving energy consumption, and generating 30 per cent of its own energy through photovoltaic panels. An integrated air-to-air heat recovery system further enhances indoor air quality while reducing overall energy usage. With a projected lifespan of up to 60 years, the building reflects Amey's long-term commitment to futureproofing public infrastructure, well beyond the duration of the current Streets Ahead PFI contract.

Reducing carbon and increasing value across the whole life of highways infrastructure:

Working with Asset Owners and Product/Material Suppliers we are decarbonising our key procurement categories, undertaking trials as needed and implementing innovation in low impact materials and products. Key focus areas maximising use of recycled materials, trialling Bitumen substitutes (as the main carbon-intensive component of asphalt), maximising use of warm/cold lay asphalts (warm asphalt is now default option), Thermal Road Repair Technology (National Highways Area 7) and Code of practice for tar-bound material recycling taking experience from projects such as A76 ex-situ recycling project, Staffordshire (Western Access Route), and Sheffield (PFI 5 year renewal of all footways and carriageways), working with Transport Scotland, SEPA and ADEPT (Smart Places Live Labs including Gipave (asphalt modifier) with Kent County Council).

Contributing to the circular economy

Our materials recycling facility in Staffordshire recovers over 98% aggregate materials from our highway's maintenance operations, which is crushed and screened at our Meece depot into a reusable stone size that we use on the Staffordshire road network. We have also established processes for the recovery of top soil from gully waste. We also operate authorised waste activities to enable better rates of recycling, recovery and reuse of materials from our highways activities in Sheffield, Kent, National Highways Area 12 and across our Street Lighting contracts.

In line with EU Taxonomy for maintenance of roads and motorways we continue to strive for

- re-use or recycling of 100% of non-hazardous waste generated onsite
- 50% of the structural road elements used are re-used or recycled materials or non-hazardous industrial by-products.
- The re-used or recycled materials are not moved over distances greater than 2.5 times the distance between the construction site and the nearest production facility for equivalent primary raw materials.
- binder course has a service lifetime no shorter than 20 years
- The use of primary raw material for road furniture is minimised through the use of secondary raw materials, e.g. metal for steel restraint systems, a maximum of 30% of the material comes from primary raw material

In support of this as part of ADEPT Live Labs 2 we have created a Centre of Excellence for Decarbonising Roads with North Lanarkshire Council, partnering with National Highways, Transport

Scotland, FHRG, Nottingham University, TRL, MTC (Winner of the Net Zero category at the 2024 Highways UK Excellence Awards).

Nature Positive – to protect, restore and enhance a richer, resilient and more biodiverse environment.

We understand the critical role biodiversity plays in sustaining the ecosystems that support all life. In response to increasing environmental challenges, Our Nature Positive Strategy outlines our commitment to protect and enhance, through priority action focused on:

- **Ecological protection and risk management**: Embedding best practice and innovation to protect nature
- **Nature positive thinking:** Setting the standard for biodiversity leadership
- **Achieving biodiversity benefit:** Enhancing biodiversity across our portfolio
- **Combining action on climate and biodiversity**: Linking our Nature Positive Strategy with our Net Zero commitment

Our commitment includes transitioning to low-emission technologies, engaging suppliers to reduce carbon and biodiversity footprints (Sustainable Procurement and Supply Chain Policy), and enhancing infrastructure climate and ecosystem resilience.

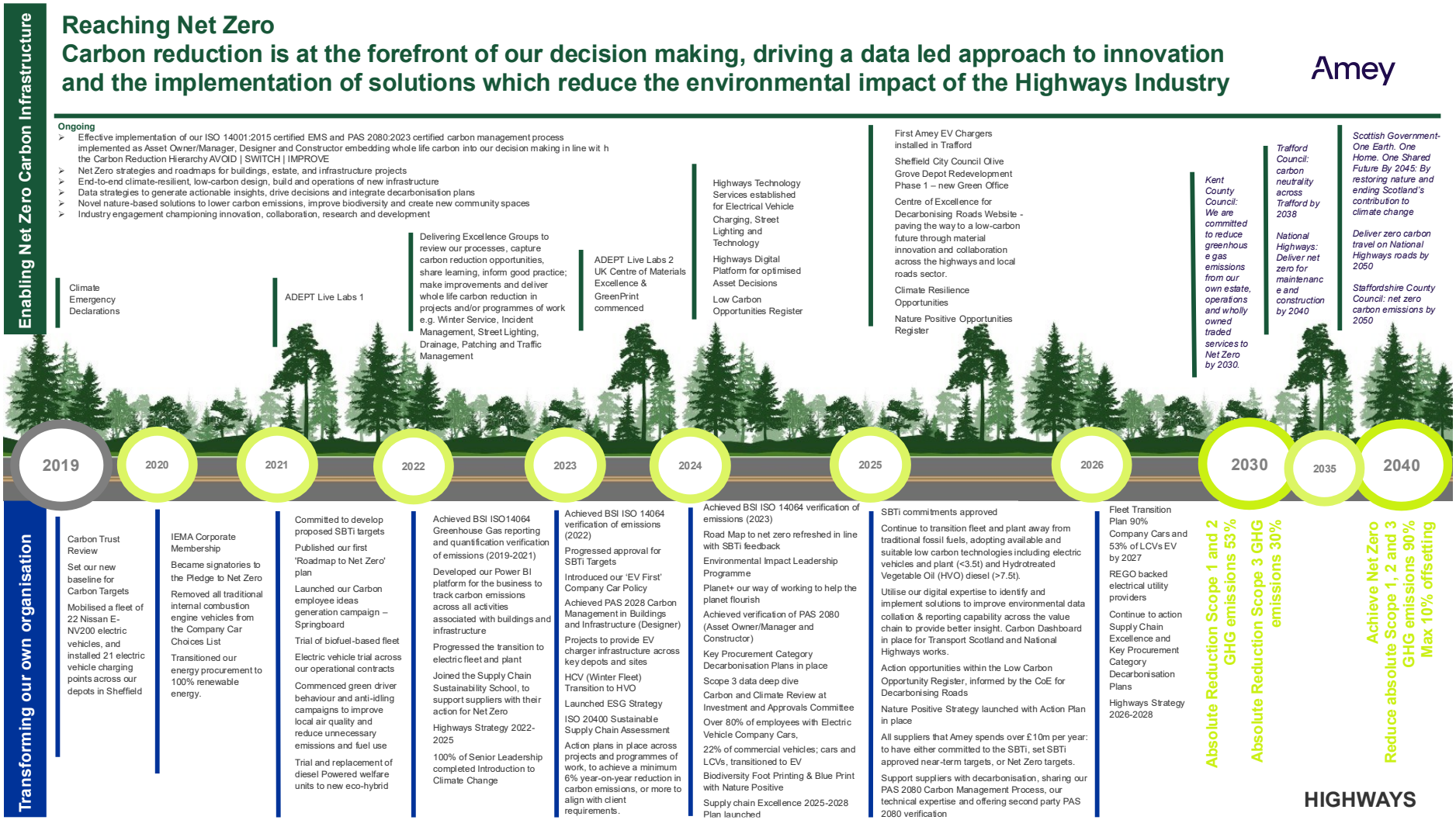
With the support of our National Ecology Lead we have developed a Nature Positive Plan for our Highways activities, turning ambition into action, building on Local Biodiversity Action Plans developed with key partners and stakeholders for individual contracted works such as our Sheffield Streets Ahead contract with Sheffield City Council.

Infrastructure Resilience - Nature based solutions to prepare for a Changing Climate and protect quality-of-life and wellbeing for our communities

We are committed to a highway that's resilient to extreme weather and prepared for a changing climate.

During design and construction, we work to identify risks to Weather Resilience and Climate Change Adaptation (WRCCA), ensure mitigation is included in the infrastructure we develop or maintain. Where our work involves the examination or assessment of infrastructure, we inform decisions about the risks and opportunities for resilience in the future

The diagram below shows environmental management measures and projects have been completed or implemented since the 2019 baseline, that will be in effect when performing the contract, as well as measures we hope to implement in the future.



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 standard and uses the appropriate Government emission conversion factors for greenhouse gas company reporting.

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) Standard.

Signed on behalf of the Supplier:

Peter Anderson

Managing Director, Transport Infrastructure, Amey and active officer for Amey Highways Limited

Date: 17.11.2025

Appendix A

Amey Highways Limited is a 100% owned subsidiary of Amey UK Limited (the ultimate operating company of the Amey group) which is a member of the Transport Infrastructure Business Unit of the Group and has its own Managing Director and management team who are responsible for the delivery of the service.

Each operating business unit operates in accordance with policies, procedures and authorisation limits set out on a Group-wide basis as adapted to the specific business unit and operating legal entity requirements.

Therefore, Amey Highways Limited trades as Amey that reflects the operational branding of Amey UK Limited and relevant subsidiaries.

Amey UK Limited is owned by private equity funds operated and/or advised by One Equity Partners and Buckthorn Partners LLP.

Amey Highways Limited contracted works during reporting period of this Carbon Reduction Plan

Strategic Highways Scotland & NI Highways	**Active**	
	Inactive	*Strategic Trunk Road Unit South East for Transport Scotland* *Forth Road Bridge for Transport Scotland*
Strategic Highways England & Wales	Active	Maintenance & Response Area 7 for National Highways Maintenance & Response Area 10 for National Highways Amey Traffic Management (internal service delivery)
	Inactive	*Asset Support Contract Area 6 for National Highways* *Asset Support Contract Area 8 for National Highways* *Amey SRM*
Regional Networks	Active	Kent Highways for Kent County Council Staffordshire Highways for Staffordshire County Council
	Inactive	
Highways Technology Services	Active	Greater Manchester EV for Manchester City Council
	Inactive	