

# Carbon Reduction Plan

Supplier Name: Amey OWR Ltd

Publication Date: December 2024

## Commitment to achieving Net Zero

Amey OWR 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 OWR Limited is a 100% owned subsidiary of Amey UK Ltd. Our expert teams provide engineering design and whole-life asset management advice, recommending solutions which reduce negative environmental impacts and strengthen our rail infrastructure for a more sustainable future.

## 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.		
<p>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.</p> <p>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 operational boundary has been set using the Operational Control approach.</p>		
Baseline year emissions:		
EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	1,446	
Scope 2	22	
Scope 3 (Included Sources)	Category 4 - Upstream Transport & Distribution	0.5
	Category 5 - Waste Generated in Operations	0.3
	Category 6 - Business Travel	587
	Category 7 - Employee Commuting	2,708
	Category 9 - Downstream Transport & Distribution	0 <sup>1</sup>
	<b>Scope 3 TOTAL</b>	<b>3,296</b>
<b>Total Emissions</b>	<b>4,764</b>	

<sup>1</sup> (We do not sell goods that are transported to the consumer/purchaser by third parties)

## Current Emissions Reporting

Reporting Year: 2023		
EMISSIONS	TOTAL (tCO <sub>2</sub> e)	
Scope 1	669	
Scope 2	12	
Scope 3 (Included Sources)	Category 4 - Upstream Transport & Distribution	77
	Category 5 - Waste Generated in Operations	273
	Category 6 - Business Travel	122
	Category 7 - Employee Commuting	1,597
	Category 9 - Downstream Transport & Distribution	0 <sup>1</sup>
	<b>Scope 3 TOTAL</b>	<b>2,069</b>
<b>Total Emissions</b>	<b>2,750</b>	

## Emissions reduction targets

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

In line with Ameys proposed SBTI targets we will reduce scopes 1 and 2 emissions by 53% by 2030. Amey UK Limited also commits to reduce absolute scope 3 GHG emissions from purchased goods and services, fuel- and energy-related activities, upstream transportation and distribution, waste generated in operations, business travel, employee commuting 30% within the same timeframe. Amey UK Limited commits to reduce absolute Scope 1 and 2 GHG emissions 90% by 2040 from a 2019 base year.

We project that:

- Scope 1 and 2 carbon emissions will decrease by over the next five years to 17,142 tCO<sub>2</sub>e by 2030, This is a reduction of 53%.
- Scope 3 carbon emissions will decrease by over the next five years to 5,487 tCO<sub>2</sub>e by 2030. This is a reduction of 30%.

Progress against these targets can be seen in the graph below: Progress against these targets can be seen in the graph in Figure 1 below.

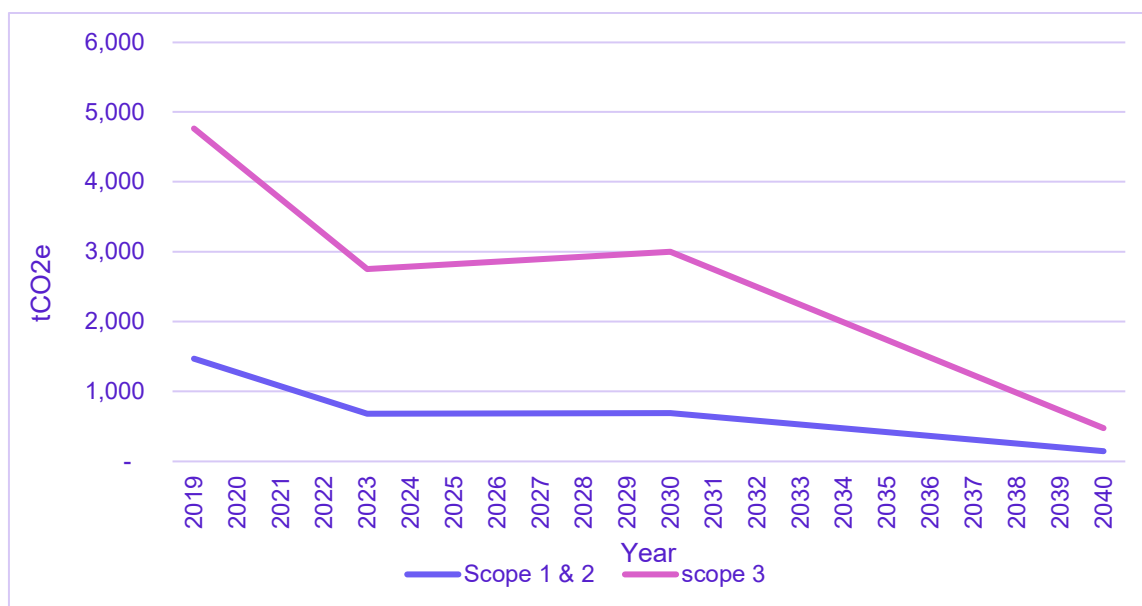


Figure 1: Carbon Reduction Targets Near term (2030) and Net Zero (2040) for Amey OWR Limited

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline. The carbon emission reduction achieved by these schemes equate to 786 tCO<sub>2</sub>e, a 54% reduction against the 2019 baseline and the measures will be in effect when performing the contract.

To support the delivery of these targets we have implemented a detailed [Road Map to Net Zero](#) 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

Amey OWR Ltd has external certification to International Organisation for Standardisation (ISO) 14001 Environmental Management (Amey Consulting certificate no. EMS 535945, Amey Transport Infrastructure (TI) certificate no. EMS 535951).

Our Environmental Management System also includes our PAS 2080:2023 Carbon Management process, the implementation of which has been independently verified and certified, as are our carbon emissions annually to ISO:14064 - the Specification for quantification and reporting of greenhouse gas emissions.

The Science Based Targets initiative has validated that the science-based greenhouse gas emissions reductions target(s) submitted by Amey UK Limited conform with the SBTi Corporate Net Zero Standard. SBTi has classified the company's scope 1 and 2 target ambition as in line with a 1.5°C trajectory.

## Decarbonising Fleet & Travel

We have introduced an EV First Company Car Policy with 81% of our company car fleet being electric (14% hybrid and only 5% diesel/petrol) in 2024. 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 (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.

## Reducing carbon and energy management in our 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

Reviewed our leased premises portfolio and are actively opting for those that provide improved energy efficiency.

## Reducing carbon across the whole life of infrastructure:

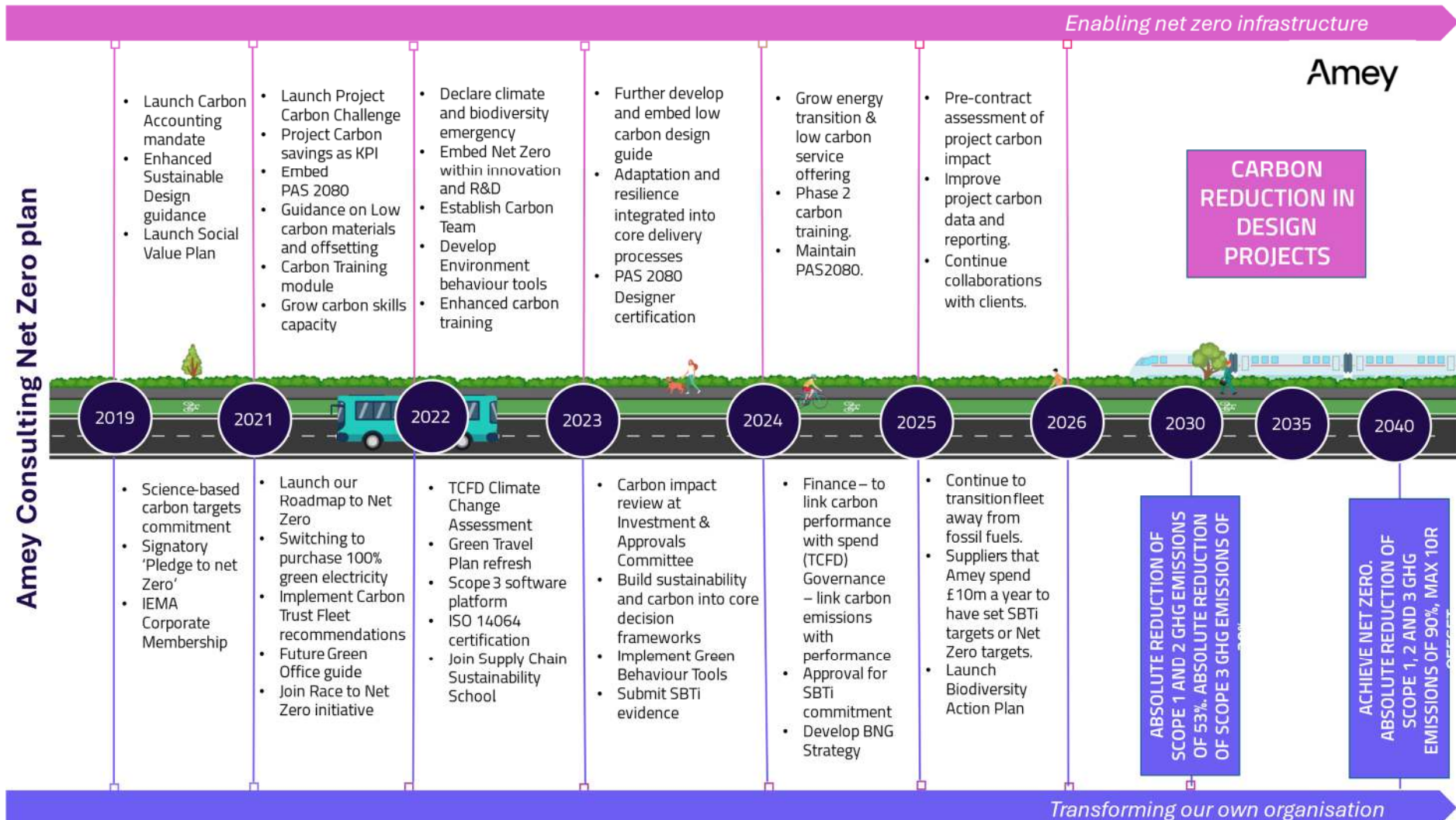
Working with Asset Managers, Designers, Constructors and Product/Material Suppliers we are championing and implementing PAS 2080 decarbonisation principles. We have integrated carbon into decision-making throughout project delivery and to support our clients to move towards net zero, we've developed new processes and guidance within our Environmental Management System (EMS) to support carbon accountancy becoming business as usual. We have developed Sustainable Materials in Design Guidance to support use of sustainable low carbon alternatives. To drive the behaviours we want, consistently throughout the business, we have project carbon performance indicators to monitor our progress.

## Working with our supply chain

We have used ISO 20400 Sustainable procurement to integrate sustainability into our procurement policies and practices, including our supply chains, helping to manage risks (including opportunities) for sustainable environmental, social and economic development in line with the SDG's.

We are working with 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, and low carbon sustainable alternatives.

In the future we hope to implement further measures such as those shown in Figure 2 as part of our Roadmap to Net Zero.



## 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors (or equivalent management body).

### Signed on behalf of the Supplier:

Alex Gilbert



Managing Director, Amey Consulting, and active officer for Amey OWR Limited

Date: 19 December 2024

Peter Anderson



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

Date:

### Record of revision

Date	Details
31/08/2021	First issue
06/09/2022	Annual review and update
29/11/2022	Added Scope 3 category breakdowns, following feedback from the Crown Commercial Service
21/11/2023	Annual review and update
13/12/24	Annual review and update

<sup>1</sup> <https://ghgprotocol.org/corporate-standard>

<sup>2</sup> <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

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

## Appendix A

Amey OW Limited is a 100% owned subsidiary of the Amey group which operates within the Amey Consulting and Amey Transport Infrastructure business units (two of three internal operating business units) and each 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 Amey group policies and procedures, as adapted to the specific business unit and operating legal entity requirements.

AMEY OWR LIMITED CONTRACTED WORKS DURING REPORTING PERIOD OF THIS CARBON REDUCTION PLAN		
Internal business unit	Transport Infrastructure	Amey Consulting
<b>Scope of service</b>	Contracting services in the railway environment including civils examinations and assessments.	The Amey Consulting business unit delivers multi-disciplinary consulting and engineering services in the civil engineering and highway and rail environments; support services for logistics and airports; and strategic and operational management support services on or remote from customer sites.
<b>Active accounts</b>	<ul style="list-style-type: none"> <li>• CEFA Wales Lots 1&amp;8</li> <li>• CP6 CAFA LNE &amp; EM</li> <li>• CP6 CAFA National overflow contract</li> </ul>	<ul style="list-style-type: none"> <li>• Transpennine Route Upgrade West</li> <li>• OWR Wales &amp; Borders</li> <li>• Rail Design small contracts</li> <li>• UAV</li> <li>• Rail S&amp;C</li> <li>• Digital Rail</li> <li>• CitiLogic</li> </ul>