

Carbon Reduction Plan

Supplier name: Eurovia Infrastructure Limited

Publication date: September 2023

Commitment to achieving Net Zero

Eurovia Infrastructure Limited is committed to achieving Net Zero emissions by 2050.

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:	
Our baseline year has been determined by our parent organisation. We utilise the Greenhouse Gas protocol and a financial control methodology to determine our scope 1 and 2 emissions. Actual emissions have been used to calculate these emissions.	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	15,187
Scope 2	252
Total Emissions	15,439
Baseline Year: 2019	
Additional Details relating to the Baseline Emissions calculations:	
Our baseline year has been determined by our parent organisation. We utilise the Greenhouse Gas protocol and a financial control methodology to determine our scope 3 emissions. Actual and spend data has been used to calculate these emissions using direct primary data sources and secondary sources from our supply chain.	
EMISSIONS	TOTAL (tCO ₂ e)
Scope 3 (Included Sources)	16,721 (Category 4, 5, 6, 7, 9)
Total reported Emissions	32,160

Current Emissions Reporting

Reporting Year: 2022	
EMISSIONS	TOTAL (tCO2e)
Scope 1	15,686
Scope 2	218
Total Emissions	15,905
Scope 3 (Included Sources)	(Category 4, 5, 6, 7 and 9)
Total Emissions	35,019

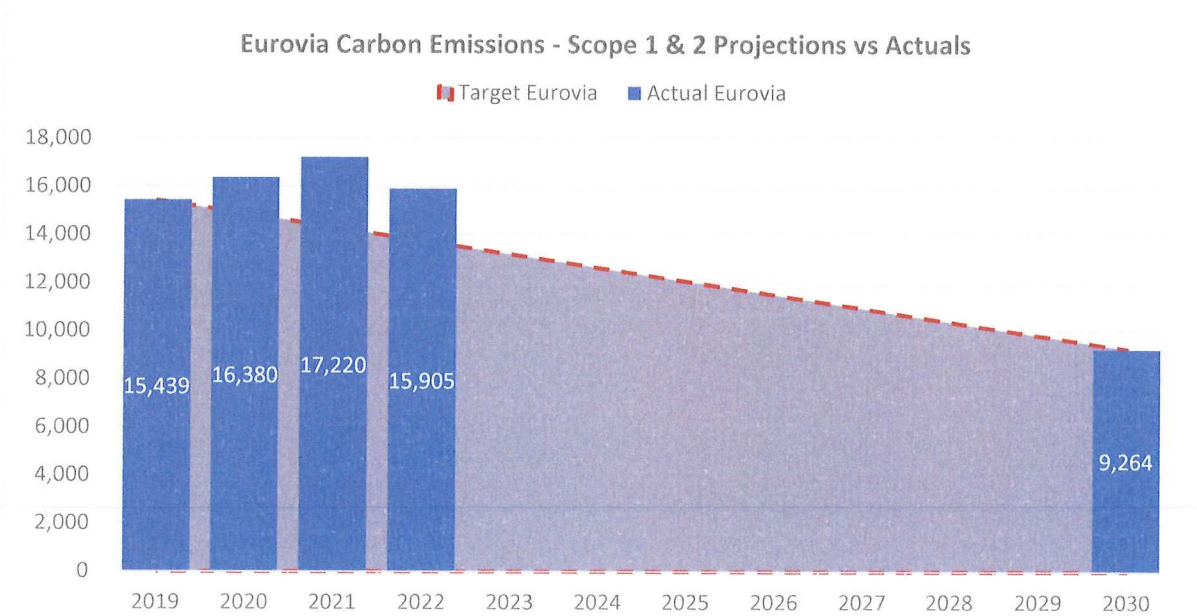
Emissions Reduction Targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:

- I. A long-term science-based target to reach net-zero value chain GHGs emissions by no later than 2050
- II. A reduction in Scope 1 and 2 emissions by at least 40% by 2030 (based on a 2019 baseline)
- III. A reduction in Scope 3 emissions by at least 20% (based on a 2019 baseline)
- IV. Interim science-based targets across all relevant scopes and in line with the criteria and recommendations of the Science Based Targets initiative

In 2022, our Scope 1 & 2 emissions increased by 3% since the baseline year which is related to the ongoing reliance of fuels within our operations for Scope 1 activities, whilst there has been a slight decrease in Scope 2. With future initiatives focusing on improving the efficiency of our static facilities & plant and fleet, we aim for our Scope 1 & 2 emissions to decrease over the next five years.

Progress against these targets can be seen in the graphs below showing tCO2e verses year:

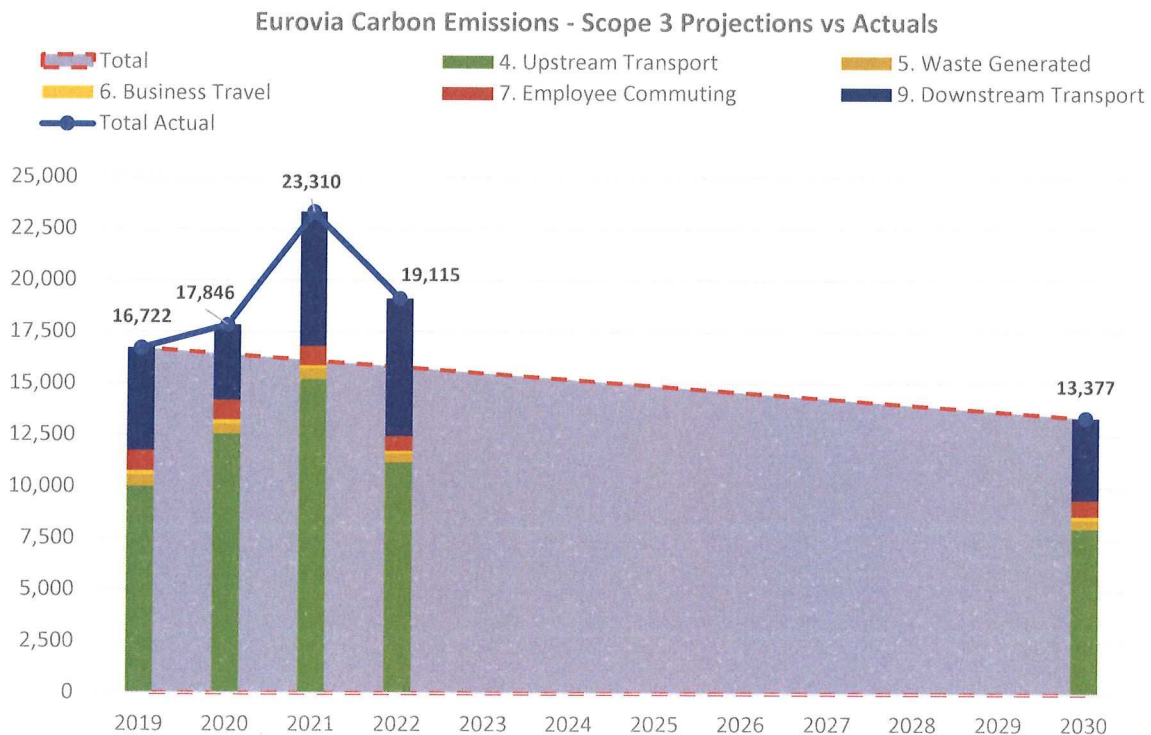


Our methodology for calculating Scope 3 emissions is continually developing to deal to the complexity and variability of the data we find in our systems and with our supply chain partners. With increasing collaboration with our supply chain and advancement in our digital and reporting tools, we anticipate our Scope 3 emission will become clear and more insightful as maturity in the industry grows.

Scope 3 emissions have increased by 14% in 2022 from our baseline, predominantly in Category 4 and 9 of the Transport emissions of purchased materials from suppliers and the materials we distribute for customers. Our efforts to decarbonise the materials we rely on is progressing, however the reliance of our supply chain who distribute these materials and their innovations is difficult to capture accurately thus we have utilised assumptions for transport emission. As the technology innovates for heavy duty vehicles and haulage services, we aim to capture this detail and integrate where relevant.

In isolation of this, we have managed to achieve a 22% reduction in Category 5 Waste in Operations due to improvements in waste management that promote the circular economy, 44% reduction in Category 6 in Business Travel by promoting remote and home working, and 27% reduction in Category 7 in Employee Commuting through better informed travel surveys and use of electric vehicles for commuting.

Progress against these targets can be seen in the graphs below showing tCO2e verses year:



Carbon Reduction Projects

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 481 tCO₂e, a 27% reduction against the 2019 baseline (only for Scope 3 in Category 5, 6 and 7) and the measures will be in effect when performing the contract

To date, Carbon Reduction Initiatives completed include a range of strategic and organisation actions that relate to:

- Development of a Strategic Roadmap and Action Plans on Climate, Circular Economy, and Natural Environment
- Reuse of processed asphalt planings (RAP) from traditional waste streams into the production of new asphalt, increasing the RAP : virgin aggregate proportions, where our Clients permit these specifications
- Delivery of warm asphalt mix technology on contracts as the standard resurfacing option where our Clients permit these specifications
- Prioritise grid connections from renewable sources for all directly procured electricity
- Continued transition of company car and van fleet from diesel to electric vehicles, alongside the installation of charging points at static locations

In the future we hope to implement further measures such as:

- Developing PAS 2080 carbon management system to consider whole life cycle carbon from early design and throughout delivery stages
- Transitioning the fleet of larger vehicles & heavy plant and machinery away from diesel as technology for zero tailpipe emission options, as both battery and hydrogen options become commercially viable for payload and range
- Transitioning the static sites away from refined oils and LPG to Natural Gas, Hydrogen and Renewable energy sources
- Improved covered storage of materials at asphalt plants to remove the moisture from aggregates & reduce energy consumption to dry materials within the production phase
- Development of Environmental Product Declarations for key products manufactured

Declaration and Sign Off

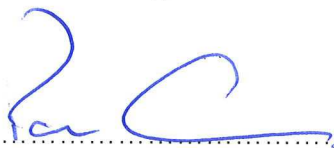
This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standard for Carbon Reduction Plans.

Emissions have been reported and recorded in accordance with the published reporting standard for Carbon Reduction Plans and the GHG Reporting Protocol corporate standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

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:


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Date: 22nd September 2023

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

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

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