

Aureos Infrastructure Services Ltd Carbon Reduction Plan

Baseline Year 2022-2023

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Commitment to achieving Net Zero

Aureos Infrastructure Services Ltd. is committed to achieving Net Zero emissions for scope 1, 2 and 3 by 2040, this target has been developed in alignment with the Science Based Targets initiative (SBTi).

Baseline Emissions

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.

Additional details relating to the Baseline Emissions calculations energy performance is managed by the environmental sustainability department and any requirement such as ESOS and SECR is all managed and signed off internally.

The base year for scope 1, 2, and 3 emissions is the 2022-2023 financial year – 1st November 2022 to 31st October 2023.

Context

Keltbray Infrastructure Services Ltd, formerly part of the Keltbray Group, has been acquired by private equity firm EMK Capital and rebranded as Aureos Infrastructure Services Ltd. This rebranding marks a new era for the company, focusing on providing sustainable energy and transportation solutions. Due to this and the availability of Keltbray Infrastructure-specific data, the company's baseline year Scope 1, 2, and 3 emissions have been recalculated for 2022/2023. Going forward, these emissions will be reported specifically for Aureos Infrastructure Services Ltd and all businesses within it.

Scope 1 & 2 emissions

Aureos Infrastructure Services Ltd. scope 1 & 2 emissions are driven by the use of energy in our fixed location premises and on site, as well as operations of non-road mobile machine, light vehicles and heavy vehicles required on our projects.

Scope 3 Emissions

Aureos currently monitor and track all our scope 3 emissions in respect to categories 1-8 as per the GHG Protocol. Aureos have reported the relevant scope 3 categories in accordance with PPN06/21 guidelines.

Known Assumptions and Exclusions

Known assumptions, and exclusions are detailed below:

- There is currently no robust mechanism of collating data for scope 3 category 4 upstream transport and distribution. The data reported is currently not representative of the emissions associated with this activity.
- Emissions data for permanent facilities only includes that provided by Ecotricity. This represents approximately 68% of our permanent facilities for the 2022-2023 reporting period.
- On-site fuel use data only includes that provided by Sunbelt and Speedy. Other suppliers are utilised in a small number of cases, this data is not yet available.
- Emissions associated with hotels are not currently included in the scope 3 category 6 business travel data.

Baseline Emissions Detailed Breakdown 2022-2023

The Scope 3 emissions categories included in this plan are detailed below to meet the requirement of PPN-06/21.

Total Scope 1 Emissions	9854.25 tCO₂e
Total Scope 2 Emissions	170.69 tCO₂e
Total Scope 3 Emissions (of categories 4, 5, 6, 7, & 9)	451.81 tCO₂e
4. Upstream transportation and distribution	70.33 tCO ₂ e
5. Waste generated in operations	120.62 tCO ₂ e
6. Business travel	108.37 tCO ₂ e
7. Employee commuting	152.49 tCO ₂ e
9. Downstream transportation and distribution	N/A
Category 9. Downstream transportation and distribution has been excluded. It has been confirmed that for 2022-2023: Keltbray do not produce a final product or use any intermediary warehouses that are not already included under S1&2. All transportation of materials has been included in Cat. 4	
Total Emissions	10,476.75 tCO₂e

Table 1. Baseline Year Emissions Detailed Breakdown 2022-2023

Emissions Reduction Targets

To achieve Net Zero, we have adopted the following carbon reduction targets which are aligned to SBTi.

We project that carbon emissions will decrease over the next five years to 7726.6 tCO₂e by 2027/28. This is a reduction of 26.25% from our base year emissions.

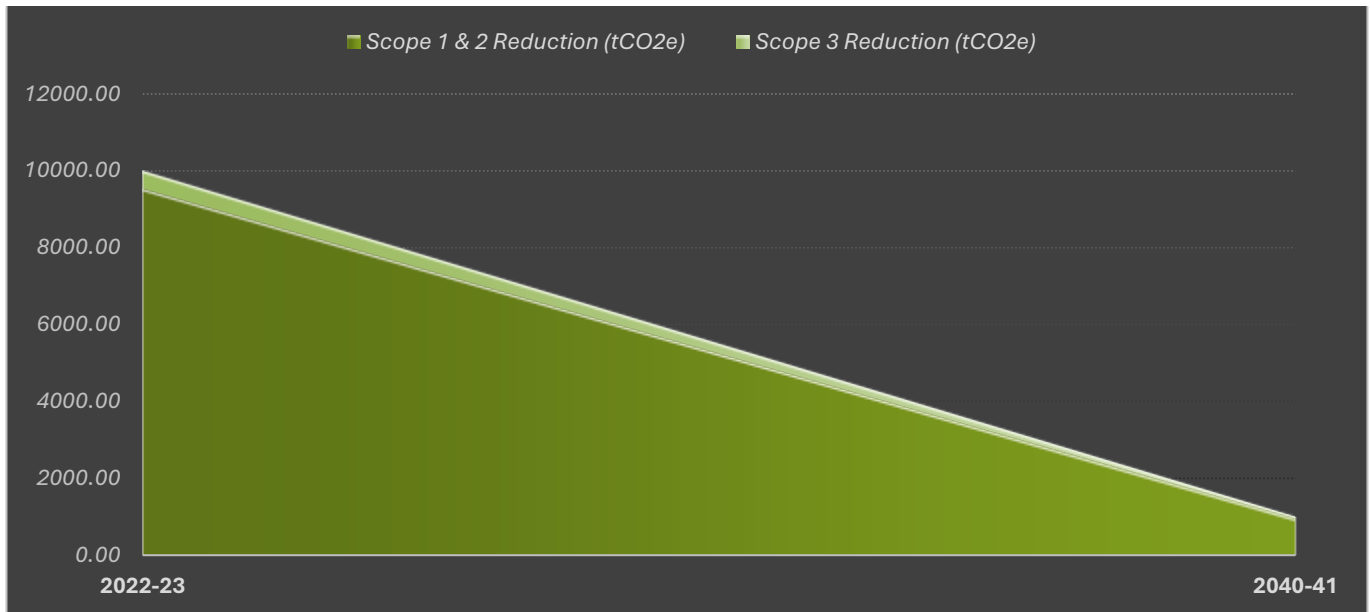


Figure 1. Carbon Reduction: Projected Emissions 2022/23 Baseline Year to 2040/41 Net Zero Target Year

Carbon Reduction Projects

As we are currently reporting on our baseline year, below is a summary of our carbon reduction opportunities adopted to date.

- Green Apple Award for the use of drones for condition-based assessments and advanced mission planning, resulting in a 50% reduction in carbon emissions associated with the activity.
- We trialled the use of a hydrogen fuel cell on our M621 project to provide the site with clean power through collaboration with AFC Energy.
- Use of battery storage unit (BSU) and diesel generator arrangement on multiple projects resulting in a significant reduction in emissions including a saving of c. 7T CO₂e on our Manningtree project.
- A locally led initiative was conducted in the Laindon Office, using energy monitors to capture energy use. The energy monitors highlighted peak hours of consumption and pinpointed specific areas of high usage. The implementation of targeted energy reduction strategies led to a 74% reduction in energy use.
- The implementation of a “no soil leaves site” rule, and engagement of supply chain from within 10 miles of site resulted in a reduction of number of miles travelled by empty HGVs by c. 6,700 miles, saving 3,782 litres of diesel to date on our Peterhead project (9.5T CO₂e)
- The ongoing transition to EV cars has been enabled through the installation of EV chargers at our fixed office locations
- We have collaborated with our plant and site power providers to prioritise lower emission options and monitor use through telematics

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

Aureos ESG Strategy

- Commitments to Net Zero targets, circular economy approaches and opportunities for low carbon concrete and steel
- Raised awareness and carbon literacy; collaboration with stakeholders and supply chain; identification of carbon reduction benefits linked to bio-diversity and social value outcomes

Decarbonisation of construction phase

- Development and implementation of a temporary electrical connection hierarchy for use on all projects, which includes the use of battery storage unit (BSU) and diesel generator arrangement on all projects where no mains connection is available
- Improved visibility of data in conjunction with BSU/hybrid generator arrangements to manage and control energy use on sites, enabling informed decision making
- Monitor opportunities to upscale HVO over diesel for on-site vehicles and plant

- Conduct a detailed review of carbon emissions from concrete, and identify actions to specify low carbon concrete and earth friendly concrete. Optioneer tenders following the ICE Low Carbon Concrete Routemap and implement where viable.
- Conduct a review of the current steel source materials used in rebar, with the aim of establishing a target for increasing the use of recycled steel in future years
- Work with our OEMs of Rail Plant to support the transition to hybrid, electric and/or hydrogen plant

Reduction of energy use and associated emissions in permanent facilities

- Transition to 100% renewable energy for all owned fixed-location premises, starting from a baseline of 68% of facilities supplied with renewable energy in 2022-2023
- Installation of energy monitors across fixed location premises to identify significant energy users, enabling targeted reduction initiatives

Improvement data completeness and robustness of scope 3 emissions data

- Enhance Scope 3 emissions reporting to continually improve our understanding of our GHG emissions footprint and enable the development of targeted objectives going forward

Decarbonisation of vehicle fleet

- Conduct a review of the current percentage of fully electric or hybrid vehicles in the company car and leased fleet to calculate robust targets and processes to increase the proportion of electric / hybrid vehicles in line with Net Zero targets
- Investigate a roadmap for transitioning our van fleet to non-fossil fuel alternatives in line with our Net Zero targets

Engagement with supply chain

- Training for internal procurement staff to improve carbon literacy and review procedures for selection and onboarding.
- Collaboration with suppliers and clients for training and sharing of best practice and lessons learned.

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.

This Carbon Reduction Plan has been reviewed and signed off by the board of directors.

Signed on behalf of the Supplier



Darren
James, Chief Executive Officer

Date: Jan 2025