

Carbon Statement 2022

Castle Group Scotland Ltd (CGSL) believe that the climate change impact from rising carbon emissions requires a specific commitment. This carbon statement outlines our policy, approach, and performance in reducing the significant carbon impacts of our business operations, namely electricity usage and company vehicle fuel consumption. This statement covers our performance for the year ending 31 January 2022.

CGSL have three decades of experience in the construction industry specialising in structural repair, refurbishment, and restoration works to a wide range of clients across Scotland, and the rest of the UK. Environmental responsibility is a core business principle and since 2009 our commitment to environmental performance and carbon reduction has been demonstrated by our retaining certification ISO14001:2015 for our Business Management System (BMS), and winning awards for our environmental management.

CGSL Carbon Highlights 2022

- Maintained our absolute carbon emissions despite the increase in travel due to a greater number of smaller project sites.
- Progressed with developing a Net Zero pathway to 2025.
- Improved our methodologies to include some scope 3 emissions for key material categories such as resins, coatings, metal and cementitious products.

CGSL Carbon Boundaries and Methodology

In accordance with generally accepted principles for boundary setting for organisations, our carbon statement and policy is based upon the significant emission sources for which we have operational control. These are company owned and leased vehicles, and machinery used for carrying out our projects (scope 1); purchased grid electricity consumption (scope 2), and waste generation and fuel used for business travel by employees own cars (scope 3).

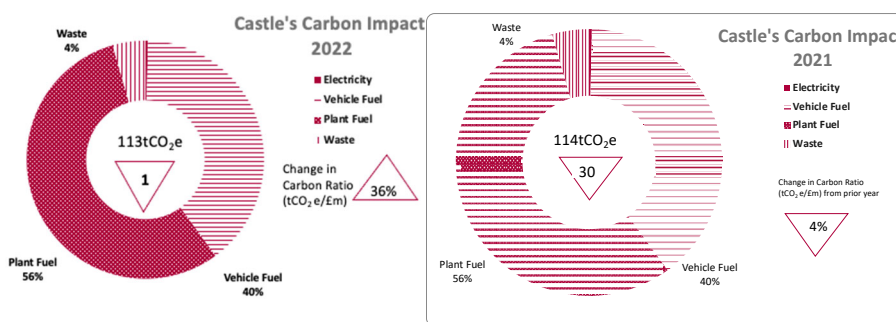
Our carbon impacts are based on data recorded in our BMS for electricity meter readings, external fuel reports for vehicles and machinery, and waste transfer notes (tonnage, waste stream and treatment). Underlying energy and waste data is converted to carbon emissions by using the relevant carbon conversion factors published by the UK Government¹ and other reliable sources². Given the cyclical nature of construction and the range of projects which change year on year, for 2023 we will calculate a 3-year average for emissions for material use.

CGSL Carbon Management Principles

- Deliver real carbon reductions based on science-based targets instead of carbon neutrality through offsetting.
- Focus on behavioural change to avoid emissions and to improve efficiency before considering new technology.
- Utilise our BMS to deliver carbon reduction objectives and to review progress.
- Engage and motivate our staff to deliver our carbon management programme.
- Transparent reporting of our performance.

CGSL Carbon Performance for 2021

The charts below summarise CGSL Carbon performance over the last year, excluding materials. From our practices, our carbon intensity has risen by 4% compared to the prior year with an absolute reduction in our emissions by 1tCO₂e.



Although we aim to minimise significant omissions or inaccuracies in this statement by using the controls within our BMS, this statement has not been independently verified.

CGSL Key Carbon Reduction Objectives for 2023

- Begin to decarbonise our fleet and plant equipment to progress towards a carbon intensity ratio of under 30tCO₂e/£m of turnover by 2025, excluding materials
- Begin the process of reducing the carbon intensity of material use from 104tCO₂e/£m of turnover
- Report our Net Zero Roadmap 2023 Carbon Statement under a recognised standard

¹ UK Government GHG conversion factors for company reporting 2020

² Carbon emissions are calculated based on spend (GBP) or weight and applying factors provided by UK Government **Error! Bookmark not defined.** or carbon factors provided by Ecometrica

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Alan Ford: Director Responsible for Environmental and Carbon Management, April 2022