



Carbon Reduction Plan

THE CLANCY GROUP LTD

26 September 2022

Commitment to Achieving Net Zero

The Clancy Group is committed to achieving Net Zero emissions by 2050, however, we have also set ourselves a more aggressive net zero target year of 2030 aligned with our water industry clients. We recognise that this is hugely challenging for the business but setting this earlier date will help drive us towards the rapid decarbonization that is a global prerogative.



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: 2019/20

Additional Details relating to the Baseline Emissions calculations.

We have comprehensively captured our Scope 1 and 2 emissions using vehicle, plant and equipment fuel records and utility bills respectively. Our Scope 3 emissions was limited to business travel by automobile and air travel only, as rail and bus travel are *de minimis* when compared to overall emissions.

Baseline year emissions:

| Emissions | TOTAL (tCO ₂ e) |
|---------------------------------------|----------------------------|
| Scope 1 | 22,951.76 |
| Scope 2 | 301.74 |
| Scope 3 (Cat 6 automobile and air) | 399.26 |
| Total Emissions | 23,652.76 |

Current Emissions Reporting



| Reporting Year: 2021/22 | |
|---------------------------------------|------------------|
| Baseline year emissions: | |
| Emissions | TOTAL (tCO2e) |
| Scope 1 | 22,117.43 |
| Scope 2 | 170.99 |
| Scope 3 (Cat 6 automobile and air) | 274.1 |
| Total Emissions | 22,562.52 |

Emissions Reduction Targets

This is Clancy's first carbon footprint.

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

Net zero carbon emissions by 2050 with a stretch target of 2030.

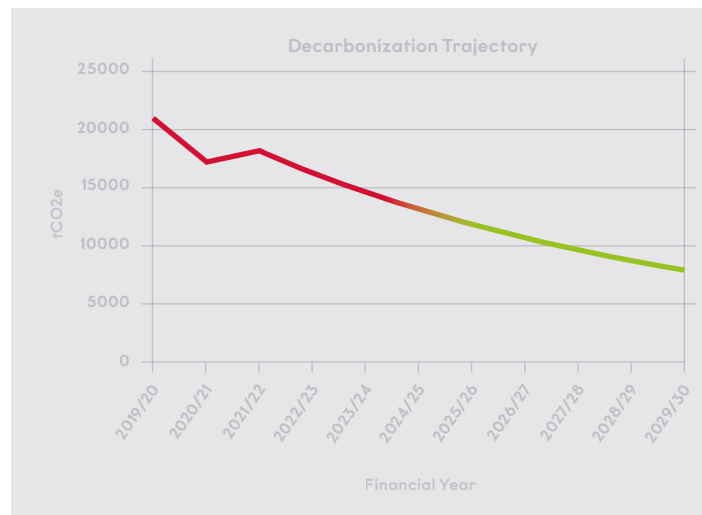
We project that carbon emissions will decrease over the next five years to 11,355 tCO2e by 2027/28. This is a reduction of 52%.

Progress against these targets can be seen in Fig 1.

Our baseline year is the pre-pandemic year of 2019/20 and as such we have only just developed our decarbonization trajectory. Therefore, currently we are unable to provide a history of Projected v Actual. The graph shown for 2019/20, 2020/21 and 2021/22 depict actual emissions. For the year 2022/23 onwards, the graph depicts predicted emissions based on our trajectory. As this plan is updated in future years, we will be able to show Actual v Predicted.

A rebound year of 2021/22 reflects increased business activity post the pandemic peak and an increase in

Fig 1. Carbon Reduction



turnover, demonstrating the challenge of reducing absolute emissions whilst trying to grow a business. Given the dependency of our operations on our road-based vehicle fleet and usage patterns this will be a major focus for our decarbonisation plans and heavily dependent on HGV and LGV industry transition and national charging networks.

Carbon Reduction Projects



The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

- Removal of LPG heating system at our head office in Harefield with replacement with air-to-air heat source
- Replacement of single to double glazed units throughout the head office
- New heating and lighting controls
- Improvement of insulation in the head office

Additionally we have:

- Procured several all-electric light good vehicles – these are on a pilot scale basis and have not had a significant impact on overall emissions but allow us to evaluate use case
- Introduced an electric first company car policy – thirteen cars have been procured but this only forms a small part of our road fleet and have not yet had a significant impact on overall emissions. A further ninety vehicles are on order and this will equate to approximately 20% of our overall car fleet. Delays are currently being experienced due to global supply chain issues within the motor industry.

- Utilised HVO diesel alternative fuel in some of our plant and equipment where viable.

The carbon emission reduction achieved by the head office energy improvements equate to 1646.12 tCO₂e, a 23% reduction against the 2019/20 baseline for our office-based emissions. However, overall reductions including the challenge of decarbonising our light goods vehicles fleet which accounts for the most significant part of our footprint was 1090.24 tCO₂e, a reduction of 4.6% against the 2019/20 baseline.

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

- Installation of renewable energy technologies at our head office and other facilities to be determined.
- Further procurement of electric Light Goods Vehicles
- Further procurement of electric company cars
- Signatory to Concrete Zero commitment to reduce our Scope 3 emissions

Together the above measures account for most of our carbon emissions. Furthermore, we will continue to engage with our supply chain to source lower carbon construction materials and products to reduce the carbon footprint of our clients' assets.

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 (or equivalent management body).

Signed on behalf of The Clancy Group Limited

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 Ronan Clancy
Date: 26/09/22