



Carbon reduction plan

Robert Heath Group Limited

Robert Heath Heating Limited are committed to achieving net zero emissions by 2040?

This target is at the heart of what we do, and we are very aware of the positive impact achieving this will have for the environment and for future generations. As a well-established and trusted heating and electrical contractor in the social housing sector we have transitioned to support our clients on their journey to net zero, and with this in mind we are fully committed to reduce our own carbon emissions, to ensure that we are playing our part in the net zero transition and leading by example. This carbon reduction plan conforms to the requirements of procurement policy note PPN06/21. This allows us to formulate measurable and achievable strategy for reducing greenhouse gas emissions.

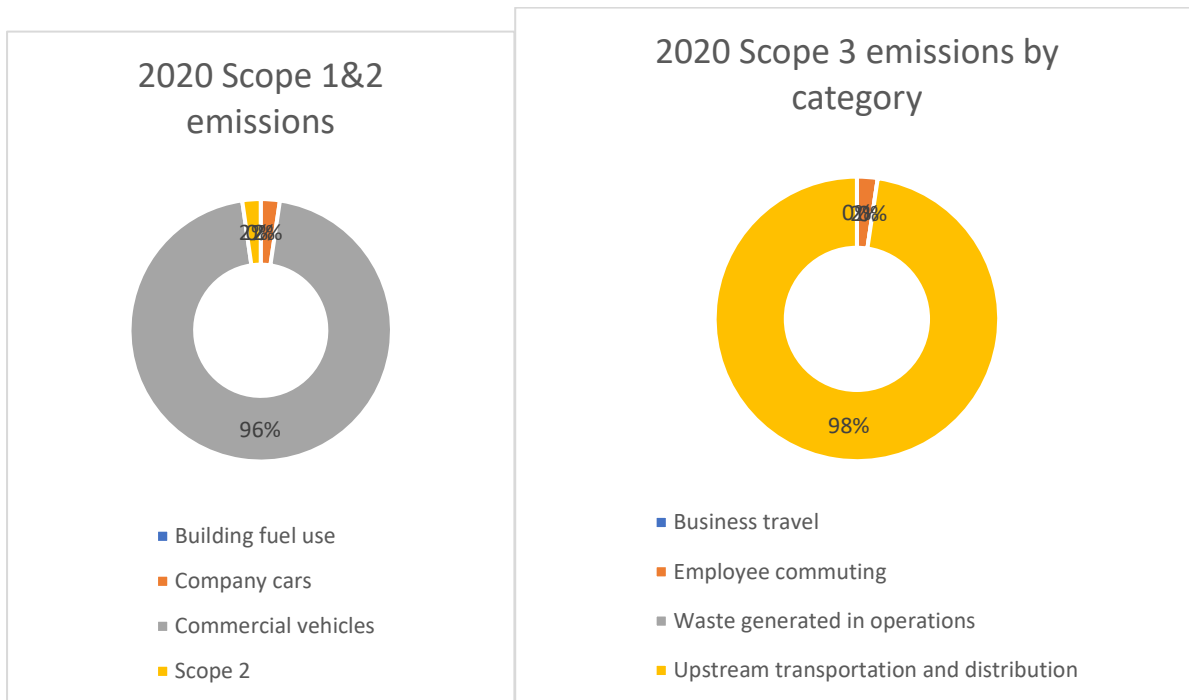
Baseline emissions footprint

Our baseline emissions are a record of the greenhouse gases that have been produced in the past prior to reduction methods being introduced. They are the reference point against which emissions reduction will be measured. Our baseline year has been chosen as 2020 We have chosen this year due to it including the covid-19 pandemic and as such a true reflection of a typical year of operation moving forward as we have opted to maintain working from home where practical for our teams.

- Scope one: Direct greenhouse gas emissions that occur from sources that are controlled or owned by us e.g. emissions associated with heating in offices or fuel in company owned vehicles.
- Scope two: Indirect greenhouse gas emissions associated with the purchase of electricity, steam, heat or cooling e.g. electricity in office buildings.
- Scope three: Includes all sources not within the scope one and two boundary e.g. employee commuting, waste and upstream transportation. (please note downstream transportation and distribution is not relevant to our business due to the nature of our business activities, therefore we do not create emissions in this area.

Baseline emissions for 2020 Are:

Emissions	Total tCO ₂ e 2020
Scope 1	1053.3
Scope 2	24.4
Scope 3	174.1
Total Emissions	1251.8



We present low numbers for heating fuel, business travel, employee commuting and waste due to our hybrid working approach with all members of staff that are required to travel for work being entitled to a company vehicle, this helps to ensure that our team members are able to drive a fuel efficient and low carbon vehicle. Our waste suppliers are carbon neutral maximising recycling and offsetting any carbon they produce, we continue to seek to reduce the amount of waste we generate as part of our operation.

Current emissions reporting

Current year emissions (2022)

Emissions	Total tCO2e 2022
Scope 1	871
Scope 2	19.4
Scope 3	131.9
Total Emissions	1022.6

Emission details

Emissions	Total tCO2e					
		2020	2021	2022	Reduction	%
Scope 1		1053.3	982.1	871.3	182.0	21%
Scope 2		24.4	19.2	19.4	5.0	26%
Scope 3		174.1	138.1	131.9	42.2	32%
Total		1251.8	1139.4	1022.6	229.2	22%

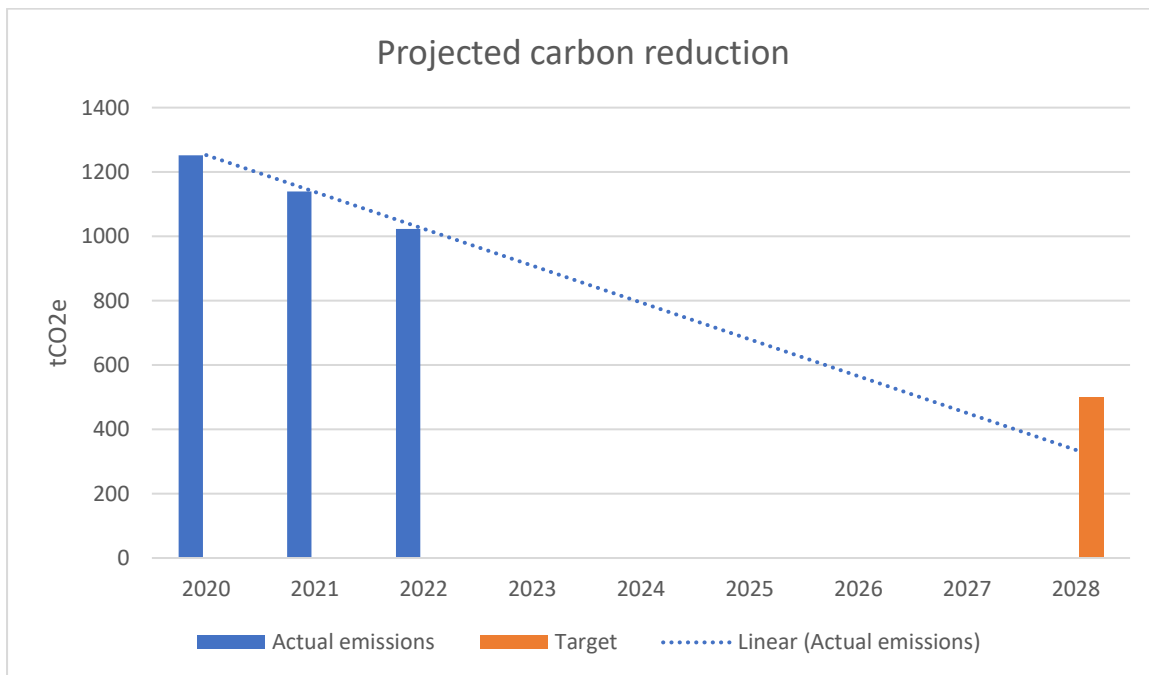


Emissions reduction targets

Robert Heath Heating limited have set the following targets to achieve net zero by 2040


Target	Scope 1	Scope 2	Scope 3
Reduce our scope 1,2 &3 emissions by 60% by 2028	X	X	X
Move our car fleet to full electric by 2026	X		
Reduce waste generated by 10% by 2026			X
Reduce our office carbon emissions by 50% by 2025		X	
Transition commercial fleet to electric/hydrogen by 2030	X		

Through achieving these targets our carbon emissions will decrease by 751 tCO₂e by 2028 presenting a reduction of 60% compared to the 2020 baseline.



We are committed to achieve net zero carbon through setting science based targets aligned with the science based targets initiative (SBTi) providing companies with a clearly defined path to reduce emissions in line with the Paris agreement goals.

Carbon reduction projects



We have taken action creating the following projects since 2020 to support our transition to net zero carbon by 2040.

ISO:14001

We have successfully maintained our international organization for standardisation certificate related to environmental management. Demonstrating our ability to consistently manage our approach to environmental management.

Information technology

Reducing energy usage and carbon emissions is at the heart of everything our IT team do, following the principle of procuring the cleanest energy available whilst reducing energy demand. In addition to using 100% renewable energy tariffs our in house programming team have developed our software using fast and efficient coding to reduce the time a CPU takes to complete a task, doing this across the many thousands of tasks completed per day has shown energy savings of around 35%. With high intensity tasks where possible load shifted to complete in off peak hours smoothing demand on the energy grid by using energy at times where the grid is less restrained and the carbon intensity is at its lowest.

Our servers have been moved onto the cloud to reduce our carbon impact. Further to this our servers are scaled back or shut down outside of the demand periods to further reduce energy usage.


Balanced energy is achieved at our information solutions facility in Wales by load shifting the majority of our energy demand to off peak periods. By harnessing a 40kwh battery bank to store electricity at times when the grid is least restrained and often in surplus. Then use the stored energy throughout the day where energy demand is higher both supporting the grid and further reducing the businesses carbon emissions.

Fleet and transportation.

Our entire fleet have been moved across to vehicles that are fully compliant with ultra-low emissions zone requirements, to further reduce the carbon emissions of our journeys. Our engineers carry out recorded vehicle checks on their PDA's paying particular attention to tyre pressures and vehicle cleanliness to minimise drag and rolling resistance to help maintain optimal fuel economy.

Reducing miles driven is a key part to our carbon reduction strategy for our engineers; as part of this we have introduced video enabled soft fix to support residents to resolve simple issues and negate the need for physical attendance to site and in turn reducing the carbon impact of our fleet.

To decarbonise our commercial fleet we are planning to trial Hybrid vans alongside our parent company Daikin and when available hydrogen vans, due to their range combined with emissions performance. Though our market research we expect to see the first right hand drive hydrogen production models become available in 2026.



Introduced a hybrid flexible working model to reduce the need for commuting to company sites and improving the work life balance of for our people.

To help to further reduce emissions from travel we have introduced virtual toolbox talks to negate the requirement for engineers to travel to a site for operational and technical updates.

Offices and company locations

We work with our energy broker to review annually and identify the best energy tariff to reduce the carbon intensity of the energy supplies to our offices ensuring that our selection is optimal for our net zero carbon commitment

Four electric vehicle chargers have been installed at our head office in New Malden, to support our staff and visitors in the adoption of electric vehicles. Whilst we recognise that this could negatively impact our scope two emissions, supporting the transition to electrification of transportation will positively impact our scope one and three emissions.

Waste

We are focused in reducing the amount of waste we send to landfill and have two key targets to achieve this.

1. Reduce the amount of waste we generate by 10% in line with governments strategy
2. Recycle at least 70% of the waste we produce by 2025

Data

We will continue to gather data on our carbon emissions working closely with our supply chain partners on our scope 3 emissions to identify areas for improvement then implement them with the assistance of our procurement team.

- Working with our waste contractors to minimise waste to landfill and maximise recycling, whilst ensuring consistency across contracts
- Track and improve data accuracy for commuting whilst identifying opportunities to reduce such as hybrid working with utilisation of technology
- Work with our procurement team and suppliers to understand our upstream emissions around delivery and collection of materials

Supporting the social housing sector on the transition to net zero

We are committed to partnering with our social housing clients to support them in the transition to net zero, providing quality installation, service and repair services for traditional heating and electrical. Whilst also being able to provide advice and the skills to support the transition to net zero through renewables and electrification of heat, with the same exemplar level of service and support that our clients have come to expect from our traditional services. To ensure no regrets decision making methodology is supported our teams have access to retrofit and fabric trained professionals to allow a smooth transition from fossil fuel technology mitigating the risk of unintended consequences.

Achieving net zero emissions with fairness and equality

To ensure that our transition to net zero is fair and benefits as many people as possible in the areas that we work. We are committed to ensuring that our people reflect the communities they serve, creating quality jobs and giving back to the local community. We will achieve this by:

- Creating a green apprenticeship program supporting people new to industry to acquire the skills needed to transition the UK to net zero and creating quality jobs
- Working with the education sector to give students real world experience working in net zero to develop skills and help to understand career options within the sector
- Partnering with our clients to deliver their social value objectives
- Investing in our people to help them acquire new skills and realise their career aspirations
- Speaking at multiple events and working with associations and bodies to promote understanding of the transition to net zero and solutions available
- Providing local jobs in the communities we serve providing quality employment and reducing emissions through commuting

In the last 12 months we have:

7 Apprentices
Live in business



8 promotions



25 engineers
upskilled



Declaration and sign off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21, 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 using 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 plan and the corporate value chain (scope 3) standard.

This carbon reduction plan has been reviewed and signed off by our managing director

Signed on behalf of Robert Heath Group Ltd



Sign

Date 1 March 2024

Michael Heath

Managing Director Robert Heath Group.