



# ENERGY & CARBON REPORT

## 2023



The NWH Group has assessed its greenhouse gas (GHG) emissions in accordance with the UK Government 'Environmental Reporting Guidelines: Including Streamlined Energy and Carbon reporting Guidance'.

The GHG emissions have been assessed following the Welsh Public Sector Net Zero Carbon Reporting Guide 2022-2023. It uses the Greenhouse Gas Protocol for Carbon Accounting, and the conversion factors are from the UK 2023.



# THE TABLE BELOW SUMMARISES THE GHG EMISSIONS FOR 2023:

SCOPE	ACTIVITY	2022	2023	CHANGE
1	VEHICLE FUEL USAGE	9244.00	12478.00	24.98%
1	SITE FUEL USE (GAS & KERSOSENSE)	64.00	5.00	-92.19%
1	COMPANY CAR TRAVEL	65.00	24.00	-63.08%
	SCOPE SUB TOTAL	9373.00	12507.00	33.44%
2	ELECTRICITY GENERATION	207.00	149.00	-28.02%
	SCOPE SUB TOTAL	207.00	149.00	-28.02%
3	WELL TO TANK	2282.00	2901.00	-27.13%
3	ELECTRICITY TRANSMISSION AND DISTRIBUTION	23.00	14.00	39.13
3	CASH OPT OUT CAR TRAVEL	1.00	?	
3	EMPLOYEE OWNED CAR TRAVEL (GREY FLEET)	6.00	20.00	233.33%
3	WASTE		6.00	
3	FLIGHTS	NOT INCLUDED	4.00	
	SCOPE 3 SUB TOTAL	2312.00	2945.00	27.38%
	TOTAL TONNES OF CO2E	11,892.00	15,601.00	31.19%
	TONNES OF CO2E PER EMPLOYEE	33.40	43.46	30.09%
	TONNES OF CO2E PER £M OF TURNOVER	242.693878	294.36	21.29%
	TOTAL ENERGY CONSUMPTION (KWH)*	135.00	49.00	-63.70%

\* total energy consumption UK electricity, UK site gas and vehicles owned by the company and employees (Grey fleet)

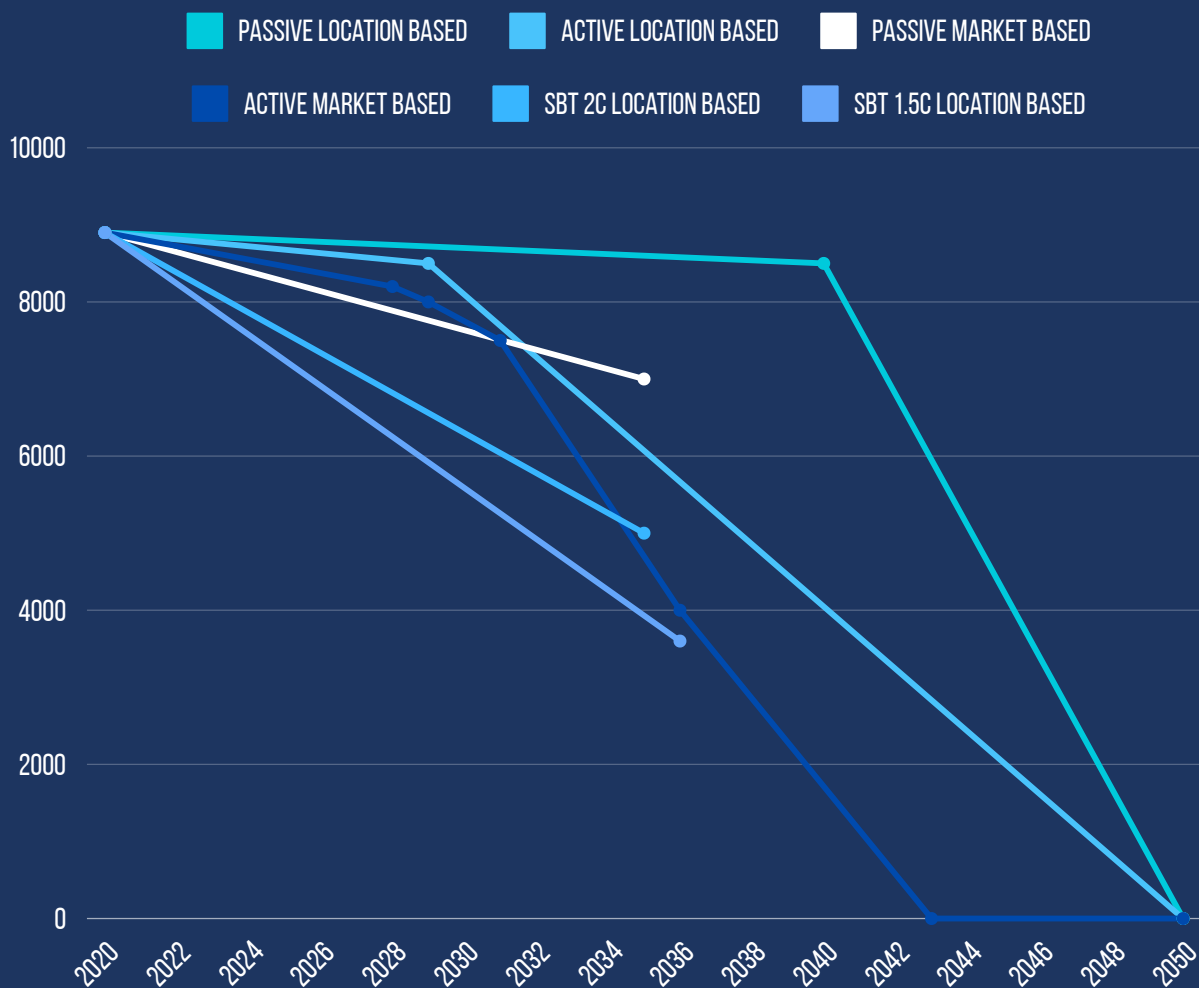
# ENERGY EFFICIENCY ACTIONS

The Company is fully aware of our obligations as a business user of electricity and gas. We are also conscious of our CO<sub>2</sub> greenhouse gas emissions and have a desire to decrease our fuel consumption where possible. New technologies, operational efficiencies in our business processes and minimising unnecessary travel are all under constant review.

With sustainability at the core of its operations, the NWH Group has already reported an impressive 91% reduction in on-site fuel usage by transitioning to alternative sources, coupled with a notable 63% reduction in employee vehicle carbon footprint through the adoption of electric vehicles.

Building on this success, the NWH Group has embarked on the next phase of its sustainability journey by initiating the transition of its HGV fleet to fully electric vehicles. The acquisition of the Volvo artic lorry marks the inaugural step in this transformative process, demonstrating the company's unwavering dedication to reducing its environmental impact.

## FORECASTED EMISSIONS TO 2050



The NWH Group is committed to achieving our carbon negative goals and have a clear strategy and plan in place to do so.