



Carbon Reduction Plan REALTIME

Real-Time Visualisation Limited t/a REALTIME

Company Number: 03485012

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**positive
planet**

Our Commitment

REALTIME is committed to achieving Net Zero emissions by 2042.

What does Net Zero mean in practice?

To achieve Net Zero, we will be aiming to reduce emissions in line with the latest science-based targets (SBTs). SBTs are greenhouse gas reduction goals set by organisations, they are defined as "science-based" when they align with the scale of reductions required to limit global temperature increases to 1.5°C compared to pre-industrial temperatures. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year.

SBTi recommends that organisations commit to near-term targets (that cover a minimum of 5 years/maximum of 10 years from the baseline year), as well as long-term targets.

Our near-term targets:

- Reduce scope 1 and 2 emissions by 80% by 2030.
- To procure 100% renewable electricity at controlled sites by 2028.
- Reduce Scope 3 emissions by 20% by 2030.
- Measure all scope 3 categories when disclosing Reporting Year Ending 2026.

Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2042.
- Neutralise any residual emissions using verified carbon offsets.

Scope 1 emissions: direct greenhouse gas emissions that occur from sources owned or controlled by a company, such as emissions from the combustion of fuels in on-site boilers, furnaces, or vehicles.

Scope 2 emissions: indirect greenhouse gas emissions that result from the generation of purchased electricity, steam or other forms of energy consumed by a company.

Scope 3 emissions: all other indirect greenhouse gas emissions that occur in an organisation's value chain, including emissions from upstream and downstream activities.

Our Carbon Footprint

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. We have chosen to set our baseline year as 1st October 2018 - 30th September 2019.

Baseline Year: 1st October 2018 - 30th September 2019	
<p>The Reporting Year 1st October 2018 - 30th September 2019 is the first year that REALTIME has assessed the greenhouse gas impact of its operations. The emissions measured in this Reporting Year shall therefore be the baseline emissions of REALTIME, to which future measurements are compared against.</p>	
Emissions	Total (tonnes CO ₂ e)
Scope 1	4.4
Scope 2*	Market-based: 79.4 Location-based: 79.4
Scope 3 including: <ul style="list-style-type: none"> - Purchased Goods & Services - Capital Goods - Fuel & Energy Related Services - Business Travel - Transportation & Distribution (Upstream & Downstream) - Employee Commuting & Homeworking - Operational Waste & Water - Leased Assets (Upstream & Downstream) - Franchises & Investments 	449.9
Total Emissions*	Market-based: 533.7 Location-based: 533.7

Our total emissions equate to a Carbon Intensity Metric of 11.6 tCO₂e per full-time employee equivalent (FTE) based on 46.0 FTEs during the baseline period (using market-based emissions).

*Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.

Current Emissions Reporting

Current Reporting Year: 1st October 2022 - 30th September 2023

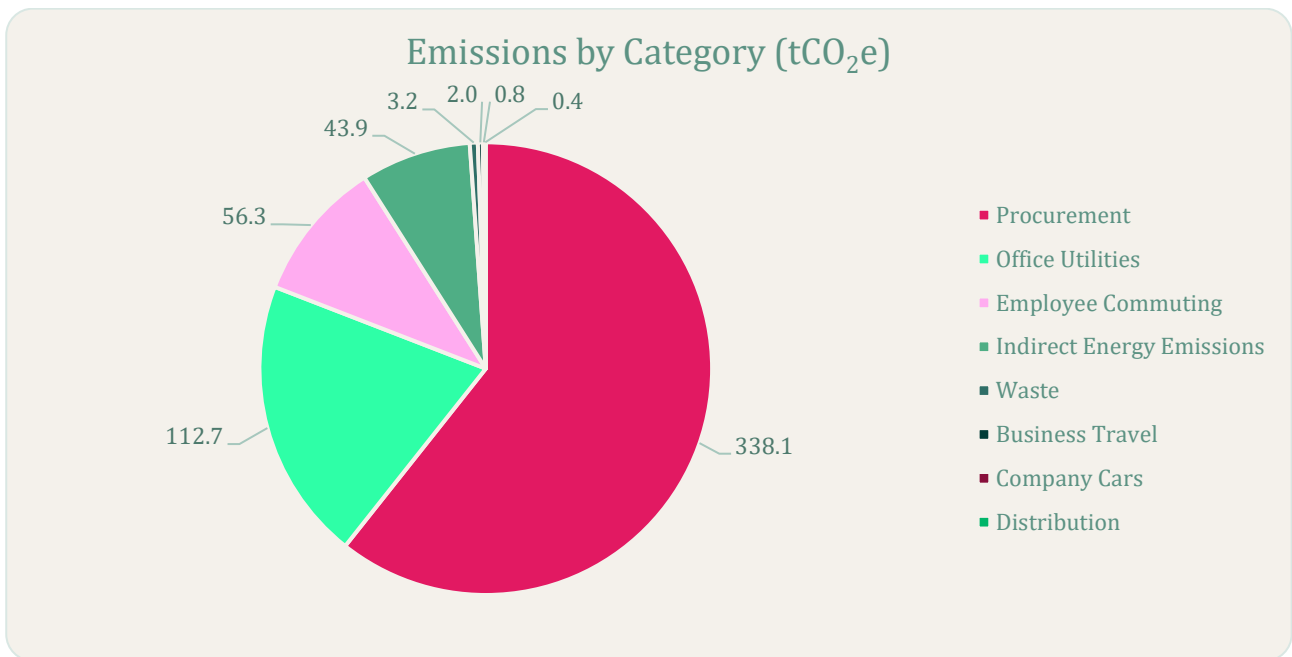
The Current Reporting Year (1st October 2022 - 30th September 2023) may have experienced some residual impacts related to COVID-19, which may have reduced Scope 3 Business Travels further than a business-as-usual scenario. This impact will be monitored as REALTIME continues to measure and reduce its greenhouse gas emissions.

Emissions	Total (tonnes CO ₂ e)
Scope 1	5.1
Scope 2*	Market-based: 108.4 Location-based: 108.4
Scope 3 including: <ul style="list-style-type: none"> - Purchased Goods & Services - Capital Goods - Fuel & Energy Related Services - Business Travel - Transportation & Distribution (Upstream & Downstream) - Employee Commuting & Homeworking - Operational Waste & Water - Leased Assets (Upstream & Downstream) - Franchises & Investments 	443.9
Total Emissions*	Market-based: 557.3 Location-based: 557.3

Our total emissions equate to a Carbon Intensity Metric of 11.6 tCO₂e per full-time employee equivalent (FTE) based on 46.0 FTEs during the baseline period (using market-based emissions).

*Purchased electricity can be measured in two ways. A location-based method reflects the average emissions intensity of grids on which energy consumption occurs (using mostly grid-average emission factor data). A market-based method reflects emissions from electricity that companies have purposefully chosen (or their lack of choice). A market-based method therefore takes into account the purchase of electricity via a verified renewable energy tariff. We have chosen to base our Net Zero target on a market-based methodology.

Carbon Emissions Breakdown: Current Reporting Year



Carbon Reduction

Our Net Zero targets

REALTIME is committed to achieving Net Zero by 2042. To achieve Net Zero under this scenario, we will need to reduce our absolute emissions by 90% from our baseline year. To keep us on track, we have also set the following near-term targets to 2030.

Our near-term targets:

- Reduce scope 1 and 2 emissions by 80% by 2030.
- To procure 100% renewable electricity from controlled sites by 2028.
- Reduce Scope 3 emissions by 20% by 2030.
- Measure all scope 3 categories when disclosing Reporting Year Ending 2026.

Our long-term targets:

- Reduce our total market-based emissions (scope 1, 2 and 3) by at least 90% by 2042.
- Neutralise any residual emissions using verified carbon offsets.

Progress

Emissions	Total Carbon Footprint (tonnes CO ₂ e)		% Change
	Baseline year: 2018-19	Current year: 2022-23	
Scope 1	4.4	5.1	15.9
Scope 2	79.4	108.4	36.5
Scope 3	449.9	443.9	(1.3)
Total emissions	533.7	557.3	4.4
Carbon Intensity (per FTE)	11.6	8.2	(29.3)

Although absolute emissions have marginally increased (4.4% increase) across 3 years of growth at REALTIME, carbon intensity has significantly decreased (29.3% decrease) per FTE.

This result demonstrates the ongoing improvements to carbon efficiency that are implemented within operations at REALTIME.

REALTIME is on track to achieve its carbon reduction targets, and shall continue to maintain its progress.

Completed Carbon Reduction Initiatives

The following emissions management measures and projects have been completed or implemented.

Activity	Completion Date	Scope
<p>Commit to measuring carbon footprint of business activities year on year to gain an understanding of pinch points and regularly be making efficient and direct improvements to reduce these emissions.</p> <p>Year 1 appointed Positive Planet to support with calculating baseline carbon footprint and reduction recommendations.</p>	2024	1,2,3
<p>Created a 'Green Team' to lead initiatives including B Corp assessment. This team has been made up of members from different departments to support the roll out of initiatives and management of data, this includes sharing and collaborating throughout the organisation.</p>	2023	1,2,3
<p>The Travel Policy and Expenses Policy at REALTIME encourages lower-emissions international travel</p>	2023	3
<p>REALTIME has made significant energy efficiency improvements to the onsite servers used in operations. The transition to an upgraded cooling system has reduced relative energy demand per project.</p>	2023	2
<p>In the 2019 Reporting Period, all employees travelled to a working location.</p> <p>Presently, REALTIME employees complete a significant amount of work from home. This action has reduced Scope 3 Commuting emissions.</p>	2020	3

Future Carbon Reduction Plans

We are committing to action the following emissions management measures and projects in line with our Net Zero targets.

Activity No.	Activity	Target Date	Category
1	<p>Work with the landlord to achieve low-cost options such as reducing the boiler temperature and adding heat & solar control reflective window sheets.</p> <p>Consider moving to premises without gas heating for 100% reduction in stationary combustion emissions.</p>	2025 - 2030	Stationary Combustion
2	Procure a 100% renewable electricity tariff at the Westby Head Office. This change will reduce total market-based electricity emissions by 106 tCO _{2e} .	2025	Purchased Electricity
3	Continue to implement energy efficiency measures and signposting within the Westby Head Office site to reduce the total location-based emissions.	2025 - 2030	Purchased Electricity

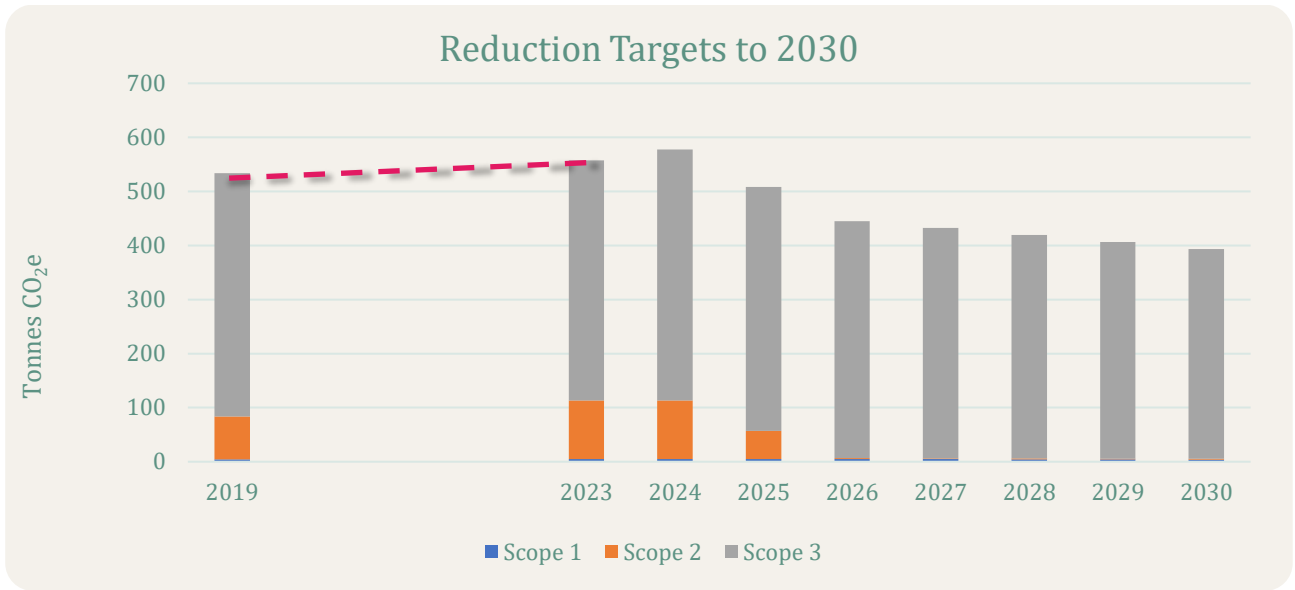
Based upon the above completed and planned initiatives, it is projected that Scope 1 & 2 carbon emissions will decrease to 4 tCO_{2e} by 2030.

We also aim to implement the further initiatives below to reduce Scope 3 emissions:

Activity No.	Activity	Target Date	Category
1	<p>is provided in Km travelled or litres of fuel. Amend the existing Travel Policy such that greater emphasis is placed upon sustainability.</p> <p>The update will include greater guidance for employees when selecting business travel options, to encourage lower-carbon travel.</p>	2025	Business Travel
2	<p>Enhance data quality when reporting Business Travel emissions, such that all data is provided in Km travelled or litres of fuel.</p> <p>To reduce data collection burden this action may be supported by adjusting the Travel Expenses process, whereby all employees must self-report their mileage and vehicle type when claiming reimbursement.</p>	2025	Business Travel
3	<p>Implement a Sustainable Procurement Policy.</p> <p>Encourage suppliers to adopt sustainable practices and improve their own carbon footprint through supplier engagement, procurement policies and contracts, and monitoring reporting mechanisms.</p> <p>Commit to a Sustainability Audit or Survey to request further information regarding credentials – Plan to send these to the top 60% of suppliers by spend, increasing annually.</p> <p>This data collection will support the carbon reduction journey of REALTIME by gathering important data for future measurements & encouraging supply chain integration towards Net Zero.</p>	2025 - 2030	Purchased Goods & Services Capital Goods

	<p>Complete this audit within two phases:</p> <ol style="list-style-type: none"> 1. Identify suppliers for engagement 2. Formulate and collect data (survey/scoring) <p>When significant levels of engagement have been achieved, REALTIME will be well-placed to have sustainability influence its procurement decisions.</p>		
4	<p>REALTIME will upgrade internal systems and processes, to enable project-based carbon accounting and estimation. This improvement will enable REALTIME to manage carbon efficiency and projected carbon costs for individual projects delivered.</p>	2026 - 2030	All Categories
5	<p>Commit to measuring the remaining downstream Scope 3 categories, meaning that year's carbon emissions measurement will be a full picture of the REALTIME carbon impact.</p> <p>Currently, the missing categories are Processing of Sold Products; Use of Sold Products; End-of-Life of Sold Products, meaning that once these are measured, reduction activities targeted at these categories will be able to be created.</p>	2026	Product emissions

Based upon the above completed and planned initiatives, it is projected that Scope 3 carbon emissions will further decrease over the next six years from the current normalised measurement of 217.3 tCO_{2e} to 85.2 tCO_{2e} by 2030. This is a **reduction of 61%** and will keep us on track to Net Zero.



The chart describes reported emissions for the Reporting Year ending 2019 and Reporting Year ending 2023. Emissions described for Reporting Years ending 2024 - 2030 are projected, based upon carbon reduction plans at REALTIME. Emissions were not measured for the Reporting Years ending 2020, 2021, 2022 and have not been described in the chart.

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 standard¹ and uses the appropriate Government emission conversion factors for greenhouse gas company reporting².

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) Standard³.

This Carbon Reduction Plan has been reviewed and signed off by the REALTIME Executive Team.

Signed on behalf of REALTIME:

Name:

Position:

Date:

¹ <https://ghgprotocol.org/corporate-standard>

² <https://www.gov.uk/government/collections/government-conversion-factors-for-company-reporting>

³ <https://ghgprotocol.org/standards/scope-3-standard>