



Carbon Reduction Plan

Our commitment to achieving Net Zero

Carbon Reduction Plan

Supplier name: **RHEA GROUP**

Publication date: **06/09/22**

Commitment to achieving Net Zero

RHEATECH is committed to achieving Net Zero emissions by 2050.

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: September 2021 - September 2022

Additional details relating to the baseline emissions calculations.

As the organisation has not previously assessed or reported emissions, we will use this first reporting as the baseline.

The emissions that have been assessed here do not have any comparison points as it is our first reporting. The fact that the first assessment of emissions comes after the COVID-19 period, we assume that the quantity of business travels and commuting may not be as important as it could have been during a “normal work period”.

We still do consider that the results of this assessment are relevant and will constitute a representative baseline of the impact of the activities.

cont.



Baseline year emissions:

Emissions	Total (tCO ₂ e)
Scope 1	<p>0 tCO₂e. We are tenants in buildings managed by RAL STFC, this data will be reported by them in their annual reports and will be excluded from this to avoid double reporting.</p> <p>Company vehicles: we do not have any company vehicles, so there are no emissions from this category included in our emissions data.</p>
Scope 2	<p>0 tCO₂e. We are tenants in the office managed by the Harwell campus, and so we do not purchase any electricity needed as it is covered by RAL STFC.</p>
Scope 3 (Included Sources)	<p>Categories 4 & 9 – Upstream and downstream distribution: As RHEA Group is largely an administration-based business, we do not purchase or sell any goods, so we cannot report any figures against categories 4 and 9.</p> <p>Category 5 – Waste generated in operations: We do not have specific data on the waste generated as an organisation as this is managed through the lease arrangements as part of the building operations. We do generate waste through events and lunchtime-related rubbish. We are mostly a paperless organisation and recycle cardboard, paper, plastic and glass. We promote reusable water bottles and hot drink cups. We reuse IT kit for new employees. IT kits are set up in UK to reduce carbon footprint by not purchasing new and no shipping. We reduce waste by recycling UK obsolete IT kit by providing it to NotForProfit or charities to be reused by people in need. This also reduces carbon footprint by not shipping it back to Belgium HQ.</p> <p>Category 6 – Travel: 17.7 tCO₂e from 01/09/21 to 1/09/22.</p> <p>Category 7 – Employee commuting: 7.52 tCO₂e representing 13 employees commuting to work 3 days/week. Six of them using petrol cars, six using diesel cars and one using public transportation.</p>
Total Emissions	25.22 tCO₂e.

Current emissions reporting

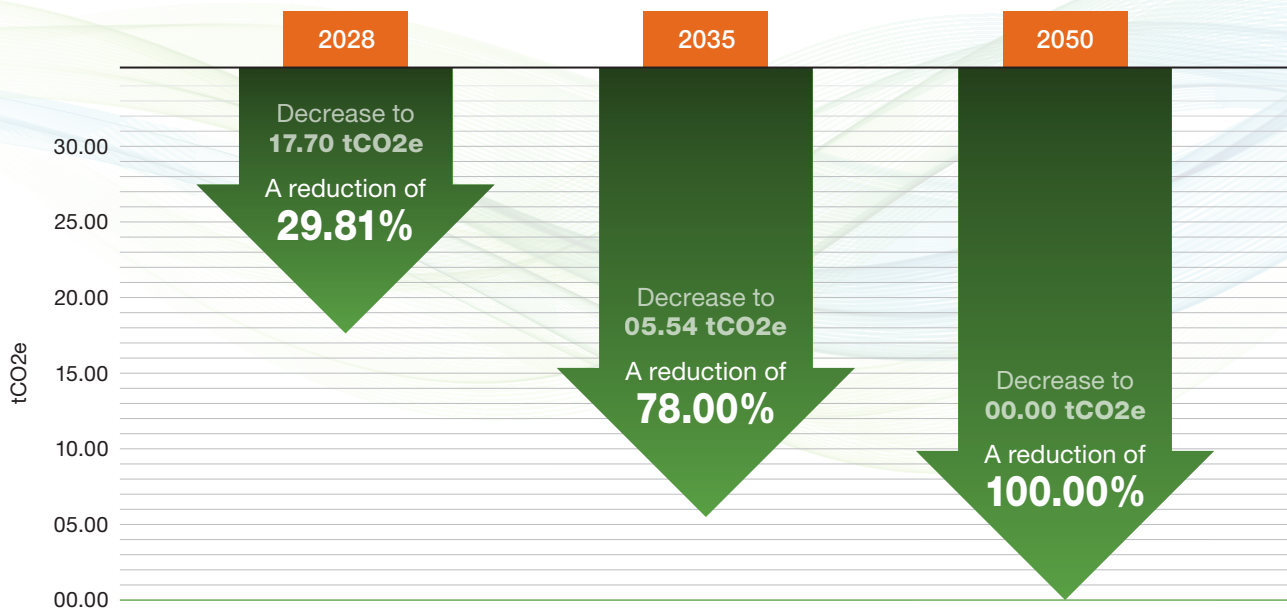
Reporting year: 2022*

Emissions	Total (tCO ₂ e)
Scope 1	0 tCO ₂ e.
Scope 2	0 tCO ₂ e.
Scope 3 (Included Sources)	25.22 tCO ₂ e.
Total Emissions	25.22 tCO₂e.

* As explained above, this is our first assessment. The current emission reporting is our baseline.

Emissions reduction targets

In order to continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets:



Carbon reduction projects

Completed carbon reduction initiatives

As this is our first assessment, we do not have any measured carbon emission reductions.



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

Environmental standards:

ISO 14001 certification for **RHEATECH**

Scope 3:

- To promote the use of electric/hybrid cars for commuting.
- To promote the use of cycles to work.
- To continue the identification of necessary work travel and to avoid travel that does not have an added value for the company.
- To promote as much as possible the use of digital communication tools.
- For necessary travel, to promote the use of train instead of airplane when possible.
- For necessary travel on airplanes, promote the use of lower carbon emitting flight companies.
- Better CO2 evaluation of Category 5: Waste generated.
- Communicate about waste segregation and water-saving to improve behaviours regarding these topics.
- After the reduction of emissions with technical and organizational means, the residual emissions that cannot be decreased will be offset.

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 board of directors (or equivalent management body).

Signed on behalf of the Supplier:



André Sincennes, CEO of RHEA Group

Date: 28 / 09 / 2022

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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>



RHEATech Ltd is part of RHEA Group, a professional engineering and solutions company, offering system development, security and engineering services for space, government, defence and other critical infrastructures across Europe and North America.

In the UK, RHEA's experts provide capabilities in ground systems engineering, position, navigation and timing (PNT), Earth observation, AI and cybersecurity. RHEA also provides project management and engineering capabilities for Spaceport 1 in Scotland.

Established in 1992 and headquartered in Belgium, RHEA Group employs over 750 people who work in offices and at client sites throughout Europe and Canada. RHEA is ISO 9001 and ISO 27001 certified.

✉ info@rheagroup.com

🌐 www.rheagroup.com

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