

## Carbon Reduction Plan

Supplier name: Research Grid Ltd.

Publication date: 03.01.2024

### Commitment to achieving Net Zero

Research Grid Ltd. 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: 2023

#### Additional Details relating to the Baseline Emissions calculations.

Research Grid Ltd. is committed to building a sustainable future and supporting the UK's net zero emissions target by reducing our CO<sub>2</sub> emissions where possible. We have implemented policies designed to reduce our carbon footprint and are actively working toward minimising our environmental impact.

Research Grid Ltd. have used our 2022 CO<sub>2</sub> emissions data (from the period 1st January 2022 to 31st December 2022) as our baseline. This period offers the most accurate reflection of our typical annual carbon footprint, as in previous years (2020-2021) our business was significantly disrupted by the COVID-19 pandemic.

<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
<b>Scope 1</b>	0.00t
Research Grid Ltd.'s Scope 1 emissions amount to 0.00. The company does not produce any direct CO <sub>2</sub> emissions from the sources in scope 1, as it does not directly own or control sources that could emit or leak CO <sub>2</sub> , such as internal combustion chambers, vehicle fleets or building rentals.	
<b>Scope 2</b>	0.00t
Research Grid Ltd.'s Scope 2 emissions amount to 0.00. The company does not produce any CO <sub>2</sub> from the sources in scope 2, as it does not own any property that could indirectly emit CO <sub>2</sub> . The company also does not purchase or consume any energy for the purposes of supplying its own electricity needs, district heating and cooling or an electric vehicle fleet.	
<b>Scope 3 (Included Sources)</b>	19.46t
<b>Upstream Scope 3 Emissions</b>	19.46t
Purchased goods and services	Not material. Based on available suppliers' emissions reports for services provided including emissions and estimated emissions savings, relative to an equivalent on-premises workload, Research Grid Ltd's. emissions from purchased goods and services are 0.0 mtCO <sub>2</sub> e. According to available information, company emissions are immaterial as the proportion of emissions to emission savings is negative.
Capital goods	Not relevant. Research Grid Ltd. does not possess any Capital goods.
Fuel-and-energy related activities (not included in scope 1 or scope 2)	19.37t
Upstream transportation and distribution	Not material. Research Grid Ltd. does not buy or transport relevant material products.
Waste generated in operations	Not material. Research Grid Ltd. does not produce any material waste generated in operations.
Business travel	Not relevant. Research Grid Ltd's. employees do not travel for business meetings in the UK.

Employee commuting	0.09t
Upstream leased assets	Not relevant. Research Grid Ltd. does not lease any assets.
<b>Downstream Scope 3 Emissions</b>	<b>0t</b>
Downstream transportation and distribution	Not relevant. Research Grid Ltd. does not sell or transport products.
Processing of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
Use of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
End-of-life treatment of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
Downstream leased assets	Not relevant. Research Grid Ltd. does not lease any assets.
Franchises	Not relevant. Research Grid Ltd. does not own franchises.
Investments	Not relevant according to the GHG Protocol as Research Grid Ltd. is not a financial institution.
<b>Total Emissions</b>	<b>19.46t</b>

## Current Emissions Reporting

Reporting Year: 2023	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
<b>Scope 1</b>	0.00t
<p>Our current reported emissions are for the period 1st January 2023 to 31st December 2023.</p> <p>Research Grid Ltd. Scope 1 emissions amount to 0.00. The company does not produce any direct CO<sub>2</sub> emissions from the sources in scope 1, as it does not directly own or control sources that could emit or leak CO<sub>2</sub>, such as internal combustion chambers, a vehicle fleet or building rentals.</p>	
<b>Scope 2</b>	0.00t
<p>Our current reported emissions are for the period 1st January 2023 to 31st December 2023.</p> <p>Research Grid Ltd. Scope 2 emissions amount to 0.00. The company does not produce any CO<sub>2</sub> from the sources in scope 2, as it does not own any property that could indirectly emit CO<sub>2</sub>. The company also does not purchase or consume any energy for the purposes of supplying its own needs for electricity, district heating and cooling or an electric vehicle fleet.</p>	
<b>Scope 3 (Included Sources)</b>	<b>16.19t</b>
<b>Upstream Scope 3 Emissions</b>	16.19t
Purchased goods and services	Not material. Based on available suppliers' emissions reports for services provided including emissions and estimated emissions savings, relative to an equivalent on-premises workload, Research Grid Ltd's. emissions from purchased goods and services are 0.0 mtCO <sub>2</sub> e. According to available information, company emissions are immaterial as the proportion of emissions to emission savings is negative.
Capital goods	Not relevant. Research Grid Ltd. does not possess any capital goods.
Fuel-and-energy related activities (not included in scope 1 or scope 2)	16.07t
Upstream transportation and distribution	Not material. Research Grid Ltd. does not buy or transport relevant material products.

Waste generated in operations	Not material. Research Grid does not produce any material waste generated in operations.
Business travel	0.08t
Employee commuting	0.12t
Upstream leased assets	Not relevant. Research Grid Ltd. does not lease any assets.
<b>Downstream Scope 3 Emissions</b>	<b>0t</b>
Downstream transportation and distribution	Not relevant. Research Grid Ltd. does not sell or transport products.
Processing of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
Use of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
End-of-life treatment of solid products	Not relevant. Research Grid Ltd. does not sell or transport products.
Downstream leased assets	Not relevant. Research Grid Ltd. does not lease any assets.
Franchises	Not relevant. Research Grid Ltd. does not own franchises.
Investments	Not relevant according to the GHG Protocol as Research Grid Ltd. is not a financial institution.
<b>Total Emissions</b>	<b>16.19t</b>

## Emissions reduction targets

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

We project that our carbon emissions long-term will decrease to at least 15.57 tCO<sub>2</sub>e by 2027. This is a 20% reduction from base levels.

Progress against these targets can be seen in the graph below:

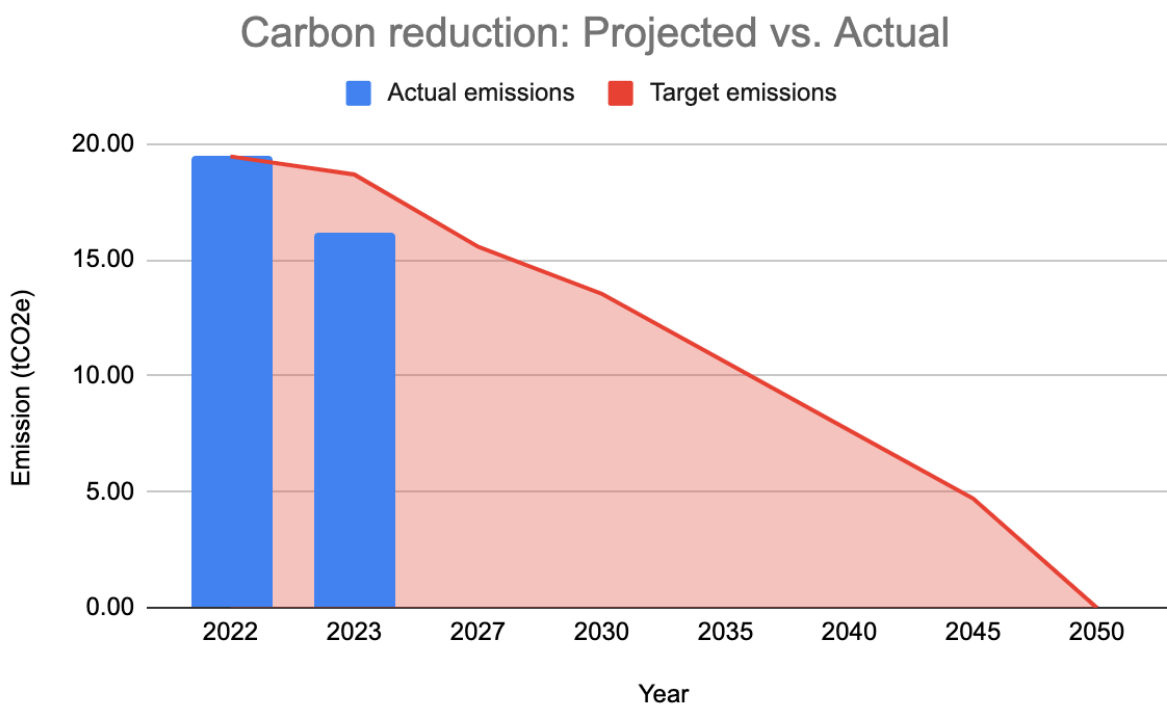


Figure 1. R.grid carbon reduction plan: Scope 1-3 emissions, projected vs actual by 2050

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been implemented since the 2022 baseline was established.

Emissions remain at 16.19.tCO<sub>2</sub>e, equating to a 17% reduction against the 2022 baseline.

In the current year we've exceeded our targets by 420% and reduced our current emission to 16.19t which is significantly below our target for the year set at 18.68t.

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

- Reducing business travel by air, rail and road through effective measurement and a sustainable travel policy
- Actively quantifying carbon emissions from commuting and working from home via a rolling employee survey, using this as an opportunity to decrease scope 3 emissions via employee engagement
- Keeping 99% of our customer meetings virtual to reduce travel for both employees and customers
- Using electronic copies for 99% of our documents and helping customers streamline their administrative and engagement/communication activities with our software, reducing both our and our customers' use of paper
- Achieving an 80% reduction in equipment costs by utilising agile software approaches rather than hardware
- Investing in certified market solutions for emissions we cannot eliminate
- Building awareness of the net zero target amongst our workforce

## Declaration and Sign Off

This Carbon Reduction Plan has been completed in accordance with PPN 06/21 and associated guidance and reporting standards 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<sup>1</sup> and uses the appropriate Government emission conversion factors for greenhouse gas company reporting<sup>2</sup>.

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<sup>3</sup>.

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:



Dr. Amber Hill, Founder and CEO

Date: 03.01.2024

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

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

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