



# Carbon Reduction Plan

Publication date: **15/07/2024**

## Commitment to achieving Net Zero

Solirius 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.

<b>Baseline Year: 2019</b>	
<b>Additional Details relating to the Baseline Emissions calculations.</b>	
In previous years we have calculated Scope 1 and Scope 2 emissions, however our data for Scope 3 has been limited. More accurate and complete recording processes are being implemented in 2024. Our 2024 emissions will then be used as a baseline to work with the Science Based Targets initiative (SBTi) to formalise our reduction targets in 2025.	
<b>Baseline year emissions:</b>	
<b>EMISSIONS</b>	<b>TOTAL (tCO<sub>2</sub>e)</b>
Scope 1	0
Scope 2	0.25
Scope 3 (Included Sources)	3.076
<b>Total Emissions</b>	<b>3.326</b>

## Current Emissions Reporting

Reporting Year: 2023 (Jan - Dec 2023)	
EMISSIONS	TOTAL (tCO <sub>2</sub> e)
Scope 1	0
Scope 2	0.58
<b>Scope 3</b> (Included Sources)	2. Capital goods (laptops) = 11.44 4. Upstream transportation and distribution = not known 5. Waste generated in operations = not known 6. Business travel = 2.08 (travel) + 3.36 (hotels) = 5.44 7. Employee commuting = 21.83 9. Downstream transportation and distribution = N/A  It has not been possible to calculate category 4 (Upstream transportation and distribution). It has not been possible to calculate category 5 (Waste generated in operations). Category 9 is not applicable as we do not produce or sell any physical products to transport/distribute. More accurate and complete recording processes are being implemented in 2024, which will allow for the capturing of data for categories 4 and 5.  Total scope 3 = 38.71
<b>Total Emissions</b>	39.29

Our Scope 3 emissions for 2023 have been calculated using the:

- 'spend-based' method from the GHG protocol for business travel, assuming most employees commute by train. Hotel stays have been estimated based on the number of nights stayed in a typical week on client projects outside of London. The current figures are based on permanent employees
- 'average-data' method for employee commuting, assuming most employees commute by train
- 'supplier-specific' method using product-level cradle-to-grave GHG inventory data for capital goods



- It has not been possible to calculate category 4 (Upstream transportation and distribution). However, more accurate and complete recording processes are being implemented in 2024
- It has not been possible to calculate category 5 (Waste generated in operations). However, more accurate and complete recording processes are being implemented in 2024
- Category 9 is not applicable as we do not produce or sell any physical products to transport/distribute.

## Emissions reduction targets

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

We project that carbon emissions will decrease over the next five years to **35.36 tCO<sub>2</sub>e** by **2029**. This is a reduction of **10%**

## Carbon Reduction Projects

### Completed Carbon Reduction Initiatives

The following environmental management measures and projects have been completed or implemented since the 2019 baseline.

- Our remote working policy has significantly reduced the frequency of employee travel
- A policy to limit the number of people working from our small headquarters office, has reduced the additional electricity consumed as we continue to grow
- We have implemented a hybrid working policy where there is no minimum requirement for staff to work in the office. This has reduced our per head emissions from employee commuting.

However, carbon emission has increased against the 2019 baseline. There are several key reasons for the increase:

- The company has grown significantly and workforce has increased by over 100%
- Commuting has increased post-pandemic, with offices returning to normal working hours
- Business travel has increased as our clients have returned to their offices.

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

- Committing to setting science based targets in line with the SBTi criteria
- Enhancing our timecard and invoicing system to capture richer data on permanent and temporary staff travel, in order to target further reductions in Scope 3 emissions
- Implementing a 'Net Zero Ambassador's' employee group to put our staff and their ideas at the heart of our plans to achieve Net Zero



- Committing to working with and evaluating all of our subcontractors and suppliers to help reduce their carbon emissions.

## 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 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:

A handwritten signature in black ink, appearing to read "Mick Punt", with a long horizontal flourish extending to the right.

Mick Punt, Operations Director, Solirius Ltd

Date: 15/07/2024

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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>