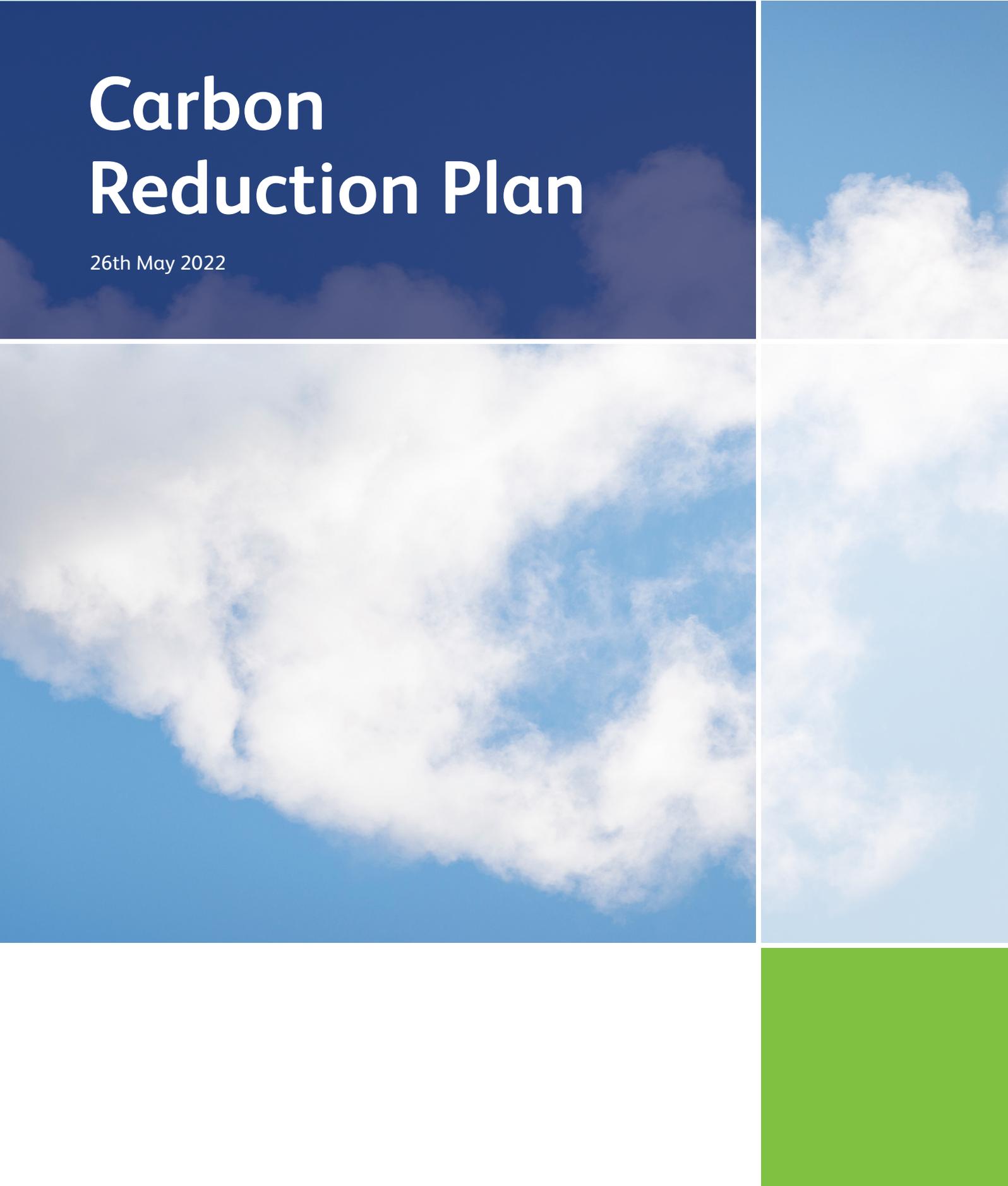




A Better,  
Safer  
Railway

# Carbon Reduction Plan

26th May 2022



## Commitment to achieving Net Zero

# Rail Safety and Standards Board (RSSB) 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:**

2019/2020

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

RSSB baseline year of emissions is recorded at 2019/20. This was the first year for which RSSB considered to have reliable data through their Streamlined Energy and Carbon Reporting activity (SECR).

Scope 2 emissions detailed in this report are attributed to energy usage at the Helicon office, the single office facility occupied by RSSB.

Scope 3 emissions are attributed to fuel use of hire vehicles for RSSB business.

### Baseline year emissions (2019/20):

Emissions	Total (tCO <sub>2</sub> e)
Scope 1	0 (RSSB does not own or control any direct sources of emissions)
Scope 2	59.89
Scope 3	4.30
<b>Total Emissions</b>	<b>64.19</b>

### Current Emissions Reporting (2021/22):

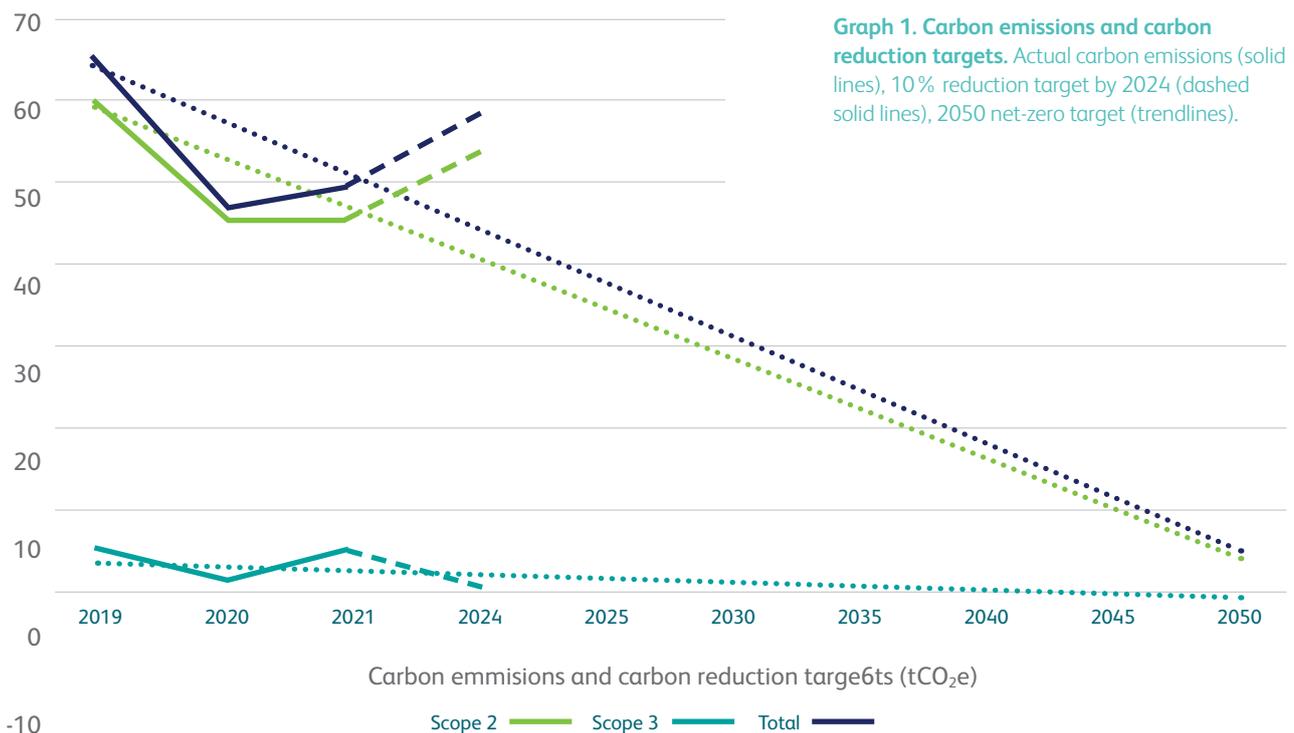
Emissions	Total (tCO <sub>2</sub> e)
Scope 1	0 (RSSB does not own or control any direct sources of emissions)
Scope 2	44.90
Scope 3	4.76
<b>Total Emissions</b>	<b>49.66</b>

## Emissions Reduction Targets

To continue our progress to achieving Net Zero, we have adopted the following carbon reduction targets. We are targeting a reduction in carbon emissions of 10% tCO<sub>2</sub>e by end March 2024 from our baseline year 19/20.

Targets for carbon reduction, potentially defined by applying a science based approach, will be set for railway Control Period 7 (2024-2029) and the Carbon Reduction Plan will be updated accordingly.

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



## Carbon Reduction

The carbon emissions reduction achieved during the two years since the 2019/20 baseline equate to 14.53 tCO<sub>2</sub>e, a 23% reduction.

The following measures and projects have been completed or implemented since the 2019/20 baseline.

1. All computer monitors are low energy, purchased recently in the last 3 years.
2. LED and PIR lighting controls within the building
3. Air conditioning and heating is controlled by managing all of the 64 fan core units in the ceiling ensuring optimum control of the RSSB office within the Helicon.
4. Hybrid working arrangements in place enabled by a published smart working policy, summarised in the following excerpt; **“we give our people choice and flexibility over when and where they work. For guidance, we expect Smart Working arrangements to mean that people will be working from the office two or three days per week with the remainder remotely.”**

## Carbon Reduction Commitments

In the future we will seek to implement further measures to reduce carbon by;

1. Only purchasing renewable, zero carbon, energy for our office.
2. Moving to only procure electric company and hire vehicles.
3. Aligning our business to accredited management systems and standards:
  - Environmental Management System (ISO14001),
  - Energy Management System (ISO50001),
  - Sustainable Procurement (ISO20400).

These management systems would develop detailed objectives and targets committing the business to continual improvement across all aspects of sustainability affected by RSSB activities.

## 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 and uses the appropriate Government emission conversion factors for greenhouse gas company reporting .

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 .

This Carbon Reduction Plan has been reviewed and signed off by the RSSB Executive Committee.

### Signed on behalf of the Supplier:



**Mark Phillips**

CEO, RSSB



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