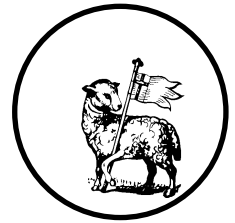


REDRUTH COMMUNITY ASSOCIATION

Redruth Community Centre

Redruth Community Centre, Foundry Row, Redruth, Cornwall TR15 1AW
Email redcomcentre@btconnect.com

Tel: 01209 215525
Charity no. 287343



Carbon Reduction Plan

December 2022

Commitment to achieving Net Zero

Redruth Community Association 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: April 2021 – March 2022

Additional Details relating to the Baseline Emissions calculations.
www.carbonfootprint.com has been used to calculate scope 1 & 2 based on annual usage. However this was a COVID year so usage is likely to be lower than normal.

Baseline year emissions:

EMISSIONS	TOTAL (tCO ₂ e)
Scope 1	4.3 tonnes of CO₂ from our gas boiler (calculated using www.carbonfootprint.com)
Scope 2	1.0 tonnes of CO₂ from our electricity usage (calculated using www.carbonfootprint.com)
Scope 3 (Included Sources)	Currently reporting on 5 areas is required. 4: <u>Upstream transportation & Distribution</u> and 9: <u>Downstream transportation and Distribution</u> are not relevant to the centre so emissions are Zero ; 5: <u>Waste generated</u> : It is estimated that the centre generates 0.5 tonnes of waste per annum, which all goes to The Incinerator (Energy to Waste Transfer Station) as there is currently no recycling in the centre: 0.5 tonnes of CO₂ . (Each tonne of waste incinerated typically releases between 0.7 and 1.7 tonnes of CO₂ . This includes emissions

	<p>of both fossil CO₂ (e.g. from burning plastics) and biogenic CO₂ (e.g. from burning wood, paper and food). <i>Source Zerowasteurope.eu</i></p> <p>6. <u>Business Travel</u>: There is no business travel related to the centre so emissions are Zero.</p> <p>7. <u>Employee Commuting</u>: Employee staff walk to and from work, so emissions are Zero.</p>
Total Emissions	5.8 tonnes of CO₂.

Current Emissions Reporting

Reporting Year: April 2021 – March 2022. This is our baseline year.	
EMISSIONS	TOTAL (tCO₂e)
Scope 1	4.3 tonnes of CO₂ from our gas boiler (calculated using www.carbonfootprint.com)
Scope 2	1.0 tonnes of CO₂ from our electricity usage (calculated using www.carbonfootprint.com)
Scope 3 (Included Sources)	5: <u>Waste generated</u> : It is estimated that the centre generates 0.5 tonnes of waste per annum, which all goes to the incinerator as there is currently no recycling in the centre: 0.5 tonnes of CO₂.
Total Emissions	5.8 tonnes of CO₂.

Emissions reduction targets

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

Scope 1: We will seek funding to change from a gas powered heating system to an electric system.

Scope 2: We will seek to reduce our electricity usage by seeking funding to change all our lighting to LED from current fluorescent and high voltage external lighting

Scope 3: We will introduce recycling to the centre to reduce the amount of waste going to landfill.

We project that carbon emissions will decrease over the next five years to **4.8 tCO₂e** by 2026
This is a reduction of **17%**

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:



Imelda Martin.....

Date: 18th December 2022.....

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