

St James Parish Routemap to Net Zero Carbon by 2030

Date: 28 March 2023

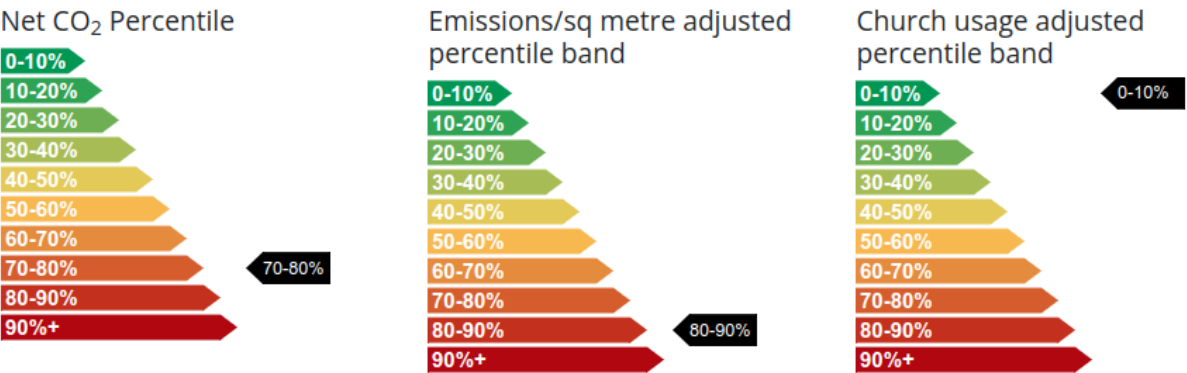
Challenges include	Solution	Date to be achieved
Heating/Lighting	Switched to Green Tariff for gas and electricity	Done
Eco Church	Registered Bronze Award Silver Award Gold Award	Achieved Apr/May 2024 Dec 2027 Dec 2030
Carbon Footprint Calculated	Carbon Footprint Tool	Completed 2022 submission, see below.
Annual report to APCM on progress with environmental issues		Apr/May 2023
Churchyard environmental improvements, including biodiversity	Caring for God's Acre consultation Installed bug hotel in churchyard, West End Rewilding parts of churchyard	Dec 2024 Done Done/in process
LED lights installed		Done where possible (to be confirmed)
Energy Efficiency	Maintenance of the building especially drains and gutters Drafts dealt with Insulation installed	On annual drains/gutters contract N/A
Theological input	Services/small groups include appropriate messaging Designed sermon series for Creationtide (2022) – interrupted by death of monarch	Sept 2024
Travel to church	Plan for clergy Walk to church Sunday	N/A N/A @ this time
Individuals driving change identified		
Liturgical opportunities	Environment Sunday (4 June 2023; nearest Sunday to World Environment Day) Climate Sunday (in Creationtide) Rogation Lammas Harvest	4/6/23 Celebrated annually Celebrated annually Celebrated annually

St James Carbon Footprint (based on data supplied by Liz – thank you)

Carbon Footprint

	This Year	Last Year
Gross CO ₂ emissions (Tonnes) ?	10.1	11.0
Net CO ₂ emissions (Tonnes) ?	8.5	11.0
Renewables and offsets: non-accredited (tonnes)	8.9	-

Weather Adjusted Energy Efficiency



The three bands above are intended to give you a perspective on whether your church emits "a little" or "a lot" of carbon, taking into account the size of the building and its pattern of usage

The first figure highlights where your net footprint lies relative to other churches within the Church of England. A score of 0-10% puts you in the 10% of churches with the smallest footprint, while a score of 90%+ means you are in the 10% of churches with the largest footprint.

The second figure highlights where your net footprint lies relative to other churches once we take into account the size of the building.

The third figure highlights where your net footprint lies relative to other churches once we take into account how many people typically make use of the building, and how long the building is open for

	This Year	Last Year
CO ₂ emissions per m ² ?	22.9	22.4

St James Environmental Award Progress – A Rocha

Sue O’Brien started the surveys back in July 2020. Stefan has now completed the majority of the questions for us, March 2023. You can see we need to focus, especially, our efforts on 2 areas to progress towards environmental awards; Community and Global Engagement and Lifestyle. The former is well aligned with one of our strategic priorities. The PCC will need to make space please to consider route map offered, and discern how to respond. Thank you.

Worship and Teaching	Buildings	Land
<div><div></div></div> <div>Gold</div> <div>You've answered 10 of 10 questions.</div> <div>Fill in this section</div>	<div><div></div></div> <div>Silver</div> <div>You've answered 30 of 33 questions.</div> <div>Fill in this section</div>	<div><div></div></div> <div>Bronze</div> <div>You've answered 16 of 16 questions.</div> <div>Fill in this section</div>
	<div><input checked="" type="checkbox"/> Is your church responsible for the premises in which it meets?</div>	<div><input checked="" type="checkbox"/> Does your church have influence over any land? This includes church gardens, car parks, paved areas, flower-beds or planters, churchyards.</div>
Community and Global Engagement	Lifestyle	
<div><div></div></div> <div>No Award</div> <div>You've answered 27 of 27 questions.</div> <div>Fill in this section</div>	<div><div></div></div> <div>No Award</div> <div>You've answered 15 of 15 questions.</div> <div>Fill in this section</div>	