



Carbon Footprint Calculation for Synagogues

This resource has been generously adapted by Climate Stewards to be used in registered EcoSynagogues to measure their carbon footprint in a more accurate way than previously available.

This resource is relevant to Section 4 of our Environmental Audit: Land, Building & Consumables:

5. We have measured our energy use and calculated the carbon footprint of our Synagogue building(s) within the past three to five years.
6. We have set targets for reducing the carbon footprint of our Synagogue building(s) in order to achieve year on year improvements in energy efficiency.
7. We offset the carbon footprint of our Synagogue building(s) through ecologically sound channels in those areas in which we cannot reduce it.

EcoSynagogue partnered with Climate Stewards to adapt their 360° Carbon resource, which is currently used by over 1000 Eco Churches, to develop a free to use, collaborative, web-based tool customised to synagogues to measure their carbon footprint from different activities – energy, travel, food, waste, water and other expenditure. The data used for calculation is provided from the Department for Environment Food and Rural Affairs, and is updated automatically as new data sets are released.

To use the calculator, a synagogue creates a login and starts a new calculation for a 12-month period. Synagogues can use the full calculator to produce results

for their full carbon footprint or can calculate individual areas such as energy and waste.

This tool can help synagogues identify areas where they can set targets to reduce their carbon footprint on a year-to-year basis.

Guidance notes are available next to almost every data field to help synagogues understand better how figures need to be populated.

There is also the opportunity to ask Climate Stewards directly for help by booking a slot here: [Link to follow soon](#)

Though synagogues have the option on completion of a calculation to store carbon through 360° Carbon partners, we recommend planting trees, either to offset where reducing carbon isn't possible or for other reasons (eg celebrate a simcha) through JTree's projects, to add to the total amount of trees planted by the Jewish Community: www.jtree.org.uk

EcoSynagogue would like to take this opportunity to thank the team at A Rocha UK, Eco Church and Climate Stewards for their friendship, help and encouragement as the EcoSynagogue project has developed, and specifically Adrian Frost and the Climate Stewards team for their support for this resource.

Please see [this video](#) for an overview of the tool and how to use it, presented by Adrian Frost of Climate Stewards during our EcoTeams Meet in May 2022.