

Milestones from the Routemap to Net Zero Carbon by 2030

In the consultation document milestones are broken down by audience and topic. This document provides a way to view them all together.

Proposed Milestone	Proposed Date								
	2022	2023	2024	2025	2026	2027	2028	2029	2030
4.1 Dioceses									
4.1.1. All dioceses provide an annual carbon emissions report to Diocesan Synod	2022								
4.1.2. All dioceses provide a costed plan to carbon net zero to Diocesan Synod, to include the policy changes and levers for change required	2022								
4.1.3. All dioceses develop a communication strategy to churches and schools	2022								
4.1.4. All dioceses audit clergy property and develop a property retrofitting plan		2023							
4.1.5. All dioceses audit their landholdings and develop a land management plan					2026				
4.2 Churches and Cathedrals									
4.2.1. National: Faculty rule changes to come to General Synod, proposing a range of changes to the rules to support net zero carbon. Clear guidance to be issued on any agreed changes, and wide communication about the implications.	2022								
4.2.2. National: Proposal to change APCM rules to require reporting of carbon footprint results to come to General Synod		2023							
4.2.3. National: Parish Buying rolls out new net zero product offering, including 'green' biogas tariff	2022								

4.2.4. All churches and cathedrals are on a 100% electricity renewable tariff, encouraged through a major national switching campaign		2023							
4.2.5. Every diocese has a 90%+ completion rate for the Energy Footprint Tool, and 100% of cathedrals complete the Energy Footprint Tool		2023							
4.2.6. All cathedrals to have sustainability reviews completed		2023							
4.2.7. National: Pilot an investment scheme for projects with high enough Return on Investment		2023							
4.2.8. Eco Church registration <ul style="list-style-type: none"> All cathedrals registered for Eco Church and achieve bronze 10% of local churches in every diocese registered; 5% of local churches awarded at least at bronze (= Bronze Eco Dioceses standard) 40% of local churches registered; 30% of local churches awarded Silver or higher (= Silver Eco Dioceses standard) All dioceses reach Gold Eco Dioceses standard – targets are currently being amended by A Rocha 		2023 2023			2026			2029	
4.2.9. All churches and cathedrals with gas heating are on a 'green' biogas tariff (not offsetting)			2024						
4.2.10. No new oil boilers installed in churches and cathedrals after this date (note: contingent on government action to connect rural communities to the grid)				2025					
4.2.11. All churches have energy efficient lighting installed in all regularly used areas (interior and exterior) with light and motion sensors where appropriate				2025					
4.3 Schools									
4.3.1. Establish 'Regional School Environment Groups' (school leaders, diocesan buildings officers, diocesan environmental officers, local authority, consultants, local champions, people with technical expertise)	2022								

4.3.2. Schools, children and young people to produce key documents (flyers, presentations, info sheets etc.) to make the declaration to work toward net zero visible to the community	2022								
4.3.3. School boards to integrate an 'Annual Resilience Statement' into their agenda items	2022								
4.3.4. Schools to establish an estates vision and strategy informed by DfE GEMS ¹ <ul style="list-style-type: none"> revised to include Execution Plan revised to include HDP 	2022		2024		2026				
4.3.5. CEEO ² to engage with schools and communities (through flyers, webinars, presentations etc)	2022								
4.3.6. Commence data collection: Energy Footprint Tool (EFT) pilot in autumn 2021 for formal launch of the EFT in January 2022	2022								
4.3.7. Regional Environment Groups are to work with schools to identify opportunities to decarbonise from the data		2023							
4.3.8. Regional Environment Groups to look at batching applications for funding where possible		2023							
4.3.9. School Governing Boards are to establish execution plans (funding, delivery method, programme etc) by end 2023 which will feed into their estates vision and strategy		2023							
4.3.10. Project delivery – overseen by Regional Environment Groups and reported to the Diocesan EWG		2023							

¹ Department for Education Good Estate Management

² Church of England Education Office

4.3.11. Each school to undertake a Heat Decarbonisation Plan (HDP) (to be integrated with the Estates Vision and Strategy)				2025					
4.3.12. All schools to switch to renewable energy tariffs				2025					
4.4 Clergy housing									
4.4.1. All dioceses and the NCIs to have run switching campaigns to encourage clergy to switch to 'green' electricity and biogas tariffs	2022								
4.4.2. All dioceses and the NCIs to have retrofitting and maintenance plans in place		2023							
4.4.3. All dioceses to have commissioned stock surveys such as EPC+ reports for at least a representative sample of clergy housing		2023							
4.4.4. All dioceses to have stock improvement plans in place, having regard to the timing of when properties become vacant			2024						
4.4.5. National: All See houses and bishops' offices have energy efficient lighting installed in all regularly used areas (interior and exterior) with light and motion sensors where appropriate				2025					
4.4.6. National: The NCIs to install or upgrade roof and cavity wall insulation, where feasible, to See houses and offices					2026				
4.5 Theological Education Institutions									
4.5.1. Incorporation of environmental teaching and learning within all TEI syllabuses and practices; to be part of the formation criteria for ministry training, and a learning outcome for all students		2023							
4.5.2. Net Zero Carbon Action Plans to be developed for all TEIs that have their own buildings		2023							

4.5.3.	(As for churches and cathedrals) all TEIs to be on a 100% renewable electricity tariff by 2023, encouraged through a major national switching campaign in 2022		2023						
4.5.4.	(As for churches and cathedrals) all TEIs with gas heating are on a 'green' biogas tariff (not offsetting)			2024					
4.5.5.	All TEIs to be registered with Eco Church, and have achieved at least bronze			2024					
4.5.6.	(As for churches and cathedrals) no new oil boilers installed in TEIs after this date (Note: contingent on government action to connect rural communities to the grid)				2025				
4.6 Offices									
4.6.1.	All offices to measure and report on their carbon emissions	2022							
4.6.2.	All offices have a Net Zero Carbon Plan		2023						
4.6.3.	Offices to review the potential for installation of electric vehicle charging points		2023						
4.6.4.	All offices on renewable electricity tariff		2023						
4.6.5.	All diocesan offices heated with gas heating are on a 'green' biogas tariff (not offsetting)			2024					
4.6.6.	No new oil boilers installed in diocesan offices after this date (note: contingent on government action to connect rural communities to the grid)				2025				
5.1 Communication, engagement and leadership									
5.1.1.	National: Communications strategy created for the Routemap to Net Zero Carbon by 2030, including promoting resources identified in Section 5.2.	2022							
5.1.2.	National: Carbon Literacy training and 'train the trainer' courses offered to all dioceses	2022							

5.1.3.	Net Zero Carbon messages to be incorporated in ongoing communications by dioceses and others, throughout the decade.	2022							
5.1.4.	National: Communication package with infographics and short videos aimed at each of the stakeholder groups, which show what the route to net zero carbon means for each group.		2023						
5.1.5.	National: National greenhouse gas reports and progress towards net zero to be reported to General Synod in 2022, 2025, 2028 and 2031	2022		2025			2028		
5.2 Capacity building									
5.2.1.	National: Use Green Church Showcase entries to create a bank of new case studies	2022							
5.2.2.	National: Continue and expand the national Environment Programme webinar series, including practical examples of churches and schools taking action	2022							
5.2.3.	National: Annual nationally-run volunteer recruitment programme, to fill vacancies where wished in DACs and FACs, and for DEOs	2022							
5.2.4.	National: Annual nationally-run induction day for new DEOs	2022							
5.2.5.	National: Additional central staffing for the environmental aspects of school buildings and clergy housing, and on heating and renewables.	2022							
5.2.6.	National: Create guidance similar to the Practical Path to Net Zero for Churches for other types of building	2022							
5.2.7.	National: Increase fundraising capacity, at both national and diocesan levels, and run periodic training for parishes. Share information about new funds	2022							
5.2.8.	National: Work with A Rocha UK to integrate net zero carbon actions more fully into the Eco Church and Eco Dioceses criteria		2023						

5.2.9.	National: Creation of a national training programme for heating and sustainability advisors		2023							
5.2.10.	National: Create a national technical panel, with specialists in specific areas such as heat pumps and insulating lime render, who can hold surgeries and input on case work		2023							
5.2.11.	National: Create an online library of good examples of Net Zero Carbon Plans from around the country, to include results from research projects	2022								
5.3 Work-related travel										
5.3.1.	National: Create, pilot and roll out a tool for measuring travel emissions	2022								
5.3.2.	National: EV car leasing to be offered to clergy by Parish Buying		2023							
5.3.3.	All dioceses to update expenses policies to encourage sustainable transport			2024						
5.3.4.	All new bishops', archdeacons' and pool cars to be EV after this date (assuming a minimum range of 250 miles)			2024						
5.3.5.	National: Review bishops' and archdeacons' expenses policies to encourage sustainable transport			2024						
5.3.6.	National: Install EV charging at all bishops' premises at next vacancy, on obtaining new EV car, or by 2026.					2026				
5.4 Funding Options										
5.4.1.	National: Increase environmental fundraising capacity	2022								
5.4.2.	National: Fundraising strategy to be developed	2022								
5.4.3.	National: Cases for support for key projects to be developed	2022								

5.4.4. National: Pilot an investment vehicle for church renewables	2022								
5.4.5. National: Submit bids to the triennium funding review	2022								
5.4.6. National: Implement fundraising strategy – from 2023 onwards		2023							
6.1 Offsetting									
6.1.1. National: Parish Buying to identify an approved supplier list for carbon offsets				2025					
6.1.2. Implement carbon offsetting with an approved supplier to offset those emissions that have been impossible to eliminate									2030
6.2 Church land									
6.2.1. National: Develop standard questions a diocese should ask of their land agent	2022								
6.2.2. National: Review whether to bring Church land within scope of the net zero target	2022								
6.2.3. Baseline survey of current situation of carbon contribution of land holdings	2022								
6.2.4. Dioceses to review with their land agents the terms of tenancy agreements and use of the land	2022								
6.2.5. National: Research typical carbon sequestration of churchyards, and how this is affected by different management regimes	2022								
6.2.6. National: Develop guidance on churchyard management for nature and climate		2023							
6.2.7. All dioceses to include the diocesan environmental policy objectives within the contractual framework of their land agents				2025					
6.3 Embodied carbon in building projects									

6.3.1. National: Joint research with Historic England to understand what Lifecycle Carbon Assessment tools already exist, what are under development, and how well they meet our needs	2022								
6.3.2. National: Review whether to bring building projects into scope of the net zero target	2022								
6.3.3. National: Consult with dioceses and EASA as to whether and if so when Lifecycle Carbon Assessments should be made part of faculty applications for all large projects, the materiality threshold to be applied, and the range of LCA approaches which are recommended to be used	2022								
6.3.4. National: Guidance for parishes and architects on requirement for Life-cycle Carbon Assessments for large projects to be published				2025					
6.3.5. National: Tool created to allow emissions from all buildings projects during the year above a certain threshold to be estimated and reported as part of the annual national GHG emissions report, using project costs and average emissions per £ for typical types of project				2025					
6.3.6. National: Generic guidance for parishes to be produced and shared, on (i) the principles to apply to reduce the embodied carbon from projects and (ii) the environmental impact of commonly used materials				2025					