

The Energy Toolkit allows dioceses, cathedrals and church schools to find out their "carbon footprint". There are a range of tools in the toolkit for schools, housing, cathedrals, offices, TEIs, and transport.

The Energy Toolkit is now open (as of 29th April 2022) for you to enter your 2021 data. It remains open until 31st July 2022.



The easy-to-use Energy Toolkit will tell calculate the dioceses carbon footprint, based on the energy used for heating and lighting in schools, housing, cathedrals, offices and TEIs.

You can find it online at: <https://eft.parishreturns.info/>

Churches have their own [Energy Footprint Tool](#)

Nationally, it helps us know our carbon baseline - where we are starting from - and how much progress we are making.

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### **Why did we develop the Energy Toolkit?**

As a Church, we have a target to meet net carbon zero by 2030. We are therefore developing a number of tools to monitor how we are progressing towards this target.

In 2020, we introduced the first of these tools - the Energy Footprint Tool, which measures the energy carbon use of churches. In 2021, we developed an expanded Energy Toolkit to measure other areas of Church life, including schools, housing, cathedrals, offices, TEIs, and work-related transport.

### What tools are available in the Energy Toolkit?

**School energy tool:** Calculates school CO<sub>2</sub> emissions using data from either the schools energy bills or Display Energy Certificate (DEC).

**Housing tool:** Estimates CO<sub>2</sub> emissions from homes using data from their domestic Energy Performance Certificates (EPCs). The tool also allows dioceses to model the carbon reductions that can be achieved by actioning the recommendations on the home's EPC.

**Diocesan office tool:** Calculates CO<sub>2</sub> emissions from diocesan offices using data from their energy bills.

**Other buildings tool:** Calculates CO<sub>2</sub> emissions for a range of buildings, including Cathedrals, Theological Education Institutions and Peculiars.

**Diocesan work related travel:** Currently being trialled. Collects data on diocesan work related travel by car, bus, train and aeroplane.

### Where can I find the Energy Toolkit, and how do I access it?

The Energy Toolkit can be accessed online at <https://eft.parishreturns.info/>

Diocesan users should log-in using the Diocesan Users button on the left, using their existing Parish Returns login credentials.

Other users, including schools and cathedrals, should use the 'All Other Users' login. When registering an account for the first time, they will need a building password in order to link their account to a given school, cathedral or other building. These building passwords can be retrieved by any user with diocesan login, so new users wishing to register an account should get in touch with their [Diocesan Environmental Officer](#) in the first instance.

### What did we learn from the Energy Toolkit trial?

The Energy Toolkit helps us know our carbon baseline - where we are starting from - and how much progress we are making.

In 2021, we trialled the Energy Toolkit for collection of 2020 data. We estimated that the Church of England's total carbon footprint is around 415,000 net tonnes of CO<sub>2</sub> per annum from around 32,000 buildings - a mixture of churches, schools, houses and others.

You can read more about what we have learned from the first year [in this report](#).

### Opening and closing dates in 2022

The Energy Toolkit is now open (29<sup>th</sup> April 2022) for you to enter your 2021 utility bills.

This year there is a hard deadline to enter your data of **31<sup>st</sup> July 2022; there will be no extensions.**

This earlier date will enable the national Research and Stats team to get the data analysed and published sooner, meaning we will be able to develop the tool earlier, leading to opening the tool at the very beginning of 2023 (for 2022 data collection), as requested by many dioceses.

## How do I fill out the Energy Toolkit?

We have developed a series of guides and instructional videos to help users make use of the Energy Toolkit.

### **Navigating the toolkit and setting up an account (all users) -** [User guide](#) (pdf)

### **School energy tool -** [User guide](#) (pdf)

[Instructional video](#) (school users)

### **Housing tool -** [User guide](#) (pdf)

[Instructional video](#) (diocesan users)

### **Diocesan offices -** [User guide](#) (pdf)

### **Other buildings (including cathedrals and TEIs) -** [User guide](#) (pdf)

Where possible, some of the data required by the toolkit has been pre-populated using information supplied to us by dioceses and/or retrieved from government records.

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## What information do you need to hand?

### **School energy tool:**

Either:

- The school's current (in-date) Display Energy certificate. This can be retrieved from <https://www.gov.uk/find-energy-certificate> by searching for a non-domestic property, using the school's postcode.

Or:

- The school's annual energy bills (electricity and gas, oil or any other heating fuels you use)
- The school's floor area (note this can usually be retrieved from the school's DEC)

If your school consists of multiple sites/buildings then you will need DECs/Energy bills for each building.

### **Housing tool:**

- For estimating the building's carbon footprint, you will need its Energy Performance technical data. This can be retrieved for any home which has an EPC from the webpage <https://epc.opendatacommunities.org/> (you will need to register a free account to access the data)

- For modelling the impact of improving the building, you will need the list of recommendations from its EPC report, retrieved from <https://www.gov.uk/find-energy-certificate>

#### **Diocesan office tool:**

- The office's annual energy bills (electricity and gas, oil or any other heating fuels you use)
- The office's floor area
- Number of Full Time Equivalent (FTE) staff based in the office

If you are unable to access your diocesan office's energy bills for any reason (e.g. it is rented and bills are managed by the landlord), please indicate this by completing the relevant questions in the toolkit and we will estimate your footprint.

#### **Other buildings tool (including Cathedrals, Theological Education Institutions and Peculiars):**

- The building's annual energy bills (electricity and gas, oil or any other heating fuels you use)
- The building's floor area

If your cathedral/TEI consists of multiple sites/buildings then you will need DEC's/Energy bills for each building.

#### **Diocesan work related travel:**

- Total number of work-related miles claimed through expenses by staff and volunteers, when working for the diocese
- Total money claimed for car travel in the diocese (£)
- Estimate of the percentage of these claims made for journeys in electric vehicles (If known)
- Total money claimed for rail travel by the diocese
- Total money claimed for bus travel by the diocese
- Number of flights claimed by the diocese and the start and end locations of each flight

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#### **Once we know our carbon footprint, what next?**

Using the tool each year will help you to track the impact of the different steps you are taking to reduce your carbon footprint.

### Who created the Energy Toolkit?

The Energy Toolkit was created by the [Church of England Research and Statistics Team](#) in response to the call from General Synod in February 2019 to be able to measure the carbon footprint of the Church. It is a key step towards meeting our goal to cut our emissions and play our role in responding to the climate crisis.

If you would like to know more, please get in touch with Tom Wood from Research and Statistics. [Tom.Wood@churchofengland.org](mailto:Tom.Wood@churchofengland.org)

## Reducing your carbon footprint



### The path to net zero

[Find out what net zero carbon emissions means for the Church.](#)



### Eco Church

[Learn how your church can become an Eco Church.](#)

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**Source URL:** <https://www.churchofengland.org/about/environment-and-climate-change/about-our-environment-programme/energy-toolkit>