

The Church of England's *Shrinking the Footprint* Campaign

Measuring our Footprint – The C of E National Energy Audit

The following is a simple *Audit* to help you assess your current energy footprint. It is short but comprehensive and will cover most types of buildings, churches, halls etc, though not all the questions will apply to every building. A series of more detailed audits are available from Eco-congregations (www.eco-congregation.org) covering different aspects of parish life.

Lighting in the Church

Is there a need?	Yes/No
Do all the lights need to be on?	Yes/No
Even on a sunny day?	Yes/No
Can all the light fittings be fitted with energy saving light bulbs?	Yes/No
Are all fittings fitted with energy saving bulbs?	Yes/No
Could you use Light Emitting Diodes (LEDs) to illuminate parts of the church and its features?	Yes/No

Exterior lighting

Many churches are floodlit for mission, security, tourism etc	
Is the timing mechanism adjusted to meet seasonal needs?	Yes/No
Is the illumination programme adjusted to liturgical or individual donors etc	Yes/No
Is the lighting checked regularly to ensure against causing light pollution?	Yes/No
Are energy saving bulbs used?	Yes/No

Heating & Insulation

Is your boiler more than 15 years old?*	Yes/No
(*if so then it will probably not be as efficient as it should be)	
Is it regularly serviced?	Yes/No
Does it have a time switch?	Yes/No
Is this adjusted to meet seasonal needs?	Yes/No
Is it possible to reduce the heating period?	Yes/No
Are all windows and doors draught proofed?	Yes/No
Are all pipes lagged?	Yes/No
Are buildings which can be, fitted with roof insulation?	Yes/No
Are cavity walls insulated?	Yes/No
Can parts of the building be heated separately?	Yes/No

Other energy - transport

Is there a car sharing scheme to get people to and from Church?	Yes/No
Is there a safe place to leave bicycles?	Yes/No

Now record in your Church Log Book the number of energy units used (from your energy bills) and plan to do this at the same time each year.

Remember all new equipment on sources of energy is likely to cost money initially. The first task for all Churches should be to see how the existing facilities can be made more efficient.

More information and resources from the Church of England's National Environmental Campaign may be found at: www.shrinkingthefootprint.cofe.anglican.org or email:shrinkingthefootprint@c-of-e.org.uk