

Travel to meeting:

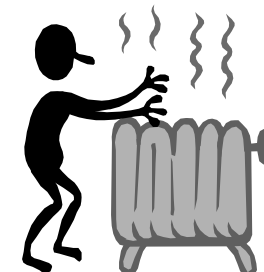
This section accounts for energy use, land use and materials for roads, materials and energy for vehicle manufacture etc.

Find out how far each Friend travels to meeting, and what transport mode they use. Add up the distance travelled by each mode, and use the following table to work out the total transport footprint. Remember to count both directions of travel!

Transport mode	Miles per week (count return trips!)	Multiply by	To get your score
4x4, "people carrier" or sports utility vehicle		$\frac{12.4}{1000}$	
Standard family car		$\frac{6.2}{1000}$	
DI diesel engine		$\frac{4.5}{1000}$	
Ultra small/efficient car		$\frac{2.6}{1000}$	
Train, bus or underground		$\frac{1.6}{1000}$	
Motorbike		$\frac{3.2}{1000}$	
Bicycle or walk		0	
Total Meeting Transport Score			

Energy

This section accounts for land use in energy supply, and greenhouse gas emissions from fossil fuel use.



If you know how much fuel and electricity you use in kWh per year,

you can calculate your meeting's energy footprint. Unless you are very good at mental arithmetic you will need a calculator! If the meeting house is used by other groups, you will need to decide how much of the energy consumption to allocated to Friends and how much to other users.

*Conversion tips:
 1000kWh is a quantity of energy equal to 3.6 gigajoules, and equivalent to:
 32 units of gas (one unit = 100 cu.ft)
 94 litres of heating oil
 144 kg of coal*

Energy source	kWh per year	Multiply by	To get your score
Standard, non-renewable electricity		$\frac{13}{1000}$	
Gas		$\frac{5}{1000}$	
Fuel oil		$\frac{7}{1000}$	
Coal		$\frac{9}{1000}$	
Renewable electricity		$\frac{1}{1000}$	
Total Meeting Energy Score			

Building and grounds

This table accounts for the land physically occupied by your meeting house and grounds. It also includes an allowance for material extraction and energy use for construction and infrastructure.

	Area in sq. metres	Multiply by	Your score
Land occupied by building		$\frac{1}{1000}$	
Paved, concrete, tarmac, gravel, and lawns or other areas treated with chemical pesticides		$\frac{1}{1000}$	
Land untreated by chemicals and managed for wildlife		0	
Total meeting score for buildings and land use			

Consumable materials and waste

This final table accounts for the land use for extracting resources for materials consumed in the meeting house, the land used for waste disposal, and the energy and greenhouse gas emissions associated with material use and waste.

	kg/week generated	Multiply by	Your score
Waste left out for the normal collection		22	
Glass, metal, paper and plastic sent for recycling		5	
Composted food and garden waste and cardboard		0	
Building waste	per skip	150	
Total meeting score for waste			

Self-assessment: your meeting's eco-footprint

The following pages will help you to work out the “environmental footprint” of your meeting – the total area of land needed to sustain your activities. The footprint score gives the “ares” of land required to support your meeting, based on global average productivity levels. One are is equal to 100m². One hundred ares make a hectare.

Even if you do not have your own meeting house, your use of a building for meeting for worship will involve some environmental impacts. You might need to talk to whoever manages the building to find out about energy use, and consider how much should be allocated to your meeting.

Members and attenders at your meeting may be interested in working out their own ecological footprints. A calculation guide is available – contact Laurie Michaelis at laurie@livingwitness.org.uk; 01865 308306.

