

# Improve lighting and lighting use

## DO YOU HAVE?

- Unnecessary lighting?
- Inefficient old lamps and fittings?
- Tungsten halogen lamps in use?
- Old fluorescent lights in Church buildings?
- Light switches without labels?

### Good Practice

Label light switches so that people know which switches that control each lighting circuit

Advise membership that they need to turn lights off when an area is unoccupied

## The Opportunities

The energy site surveys show that a number of Church buildings have areas that have inefficient, unnecessary and/or poorly utilised lighting.

Easy energy savings can be made by removing unnecessary lighting and replacing old inefficient lamps with energy efficient equivalents.

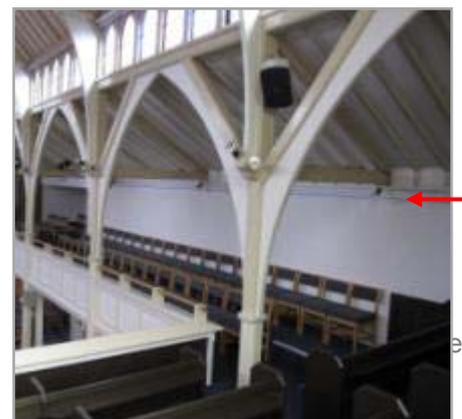
## Making it Happen – Remove lighting

- Undertake a lighting survey to assess those lamps which are providing light to areas that don't require it. A good example is lamps which provide lighting to walls and ceilings (uplighters) but do not provide useful lighting to the surrounding area.
- Where on-site electrical knowledge exists set up a programme to remove any such unnecessary lighting. Otherwise request quotations from a qualified electrician to remove the lighting identified as being unnecessary.



## Making it Happen – Replace lighting

- Undertake a lighting survey to assess those lamps which are old and inefficient (i.e. tungsten halogen, T12 fluorescent lamps and fittings)
- Where necessary request quotations from a qualified electrician to replace inefficient old lamps and fittings with energy efficient equivalents



## Barriers

A lack of knowledge by building users and energy managers about what can and cannot be turned off.

A lack of understanding from building users and energy managers about the cost implications of leaving lighting switched on unnecessarily.

It may be very capital intensive to replace old wire bound fittings with high frequency fittings.

