

Carbon Savers





Why save energy?

Financial – It is estimated that this year UK business will spend **£1.6 billion** on avoidable energy consumption.

Resources – The earth has **finite stocks** of resources, the sooner we learn to use them more efficiently, the better.



Why save energy?

Legal – **New legislation** means that more business's will have to reduce their energy consumption

Environmental – Energy production is one of the **biggest polluters** in the UK and pollution has global effects

Facts and figures



Leaving electrical items on standby uses **700MW of energy** each year nationwide



Energy saving bulbs use up to **80% less energy** and last up to **15 times longer** than standard bulbs

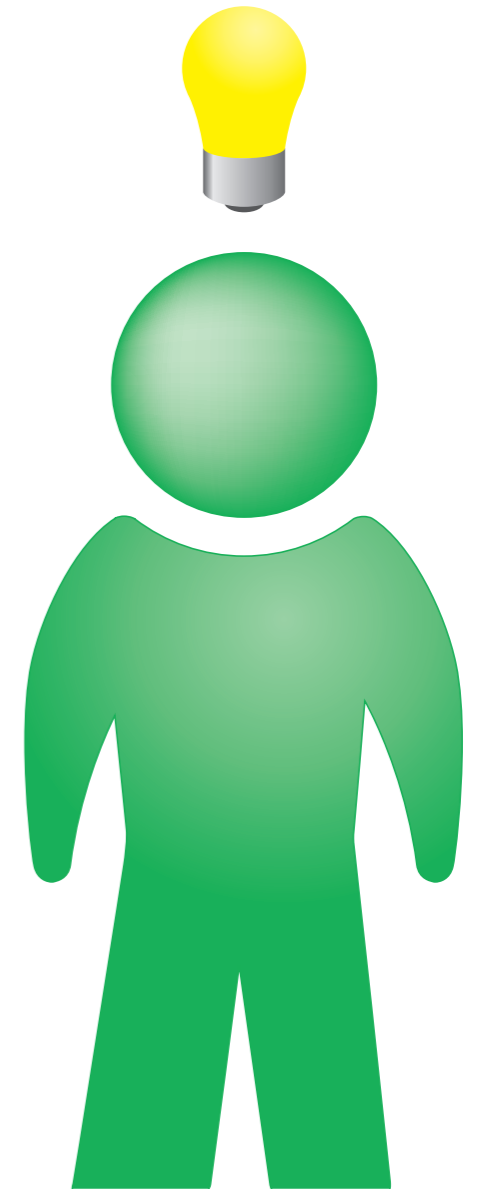
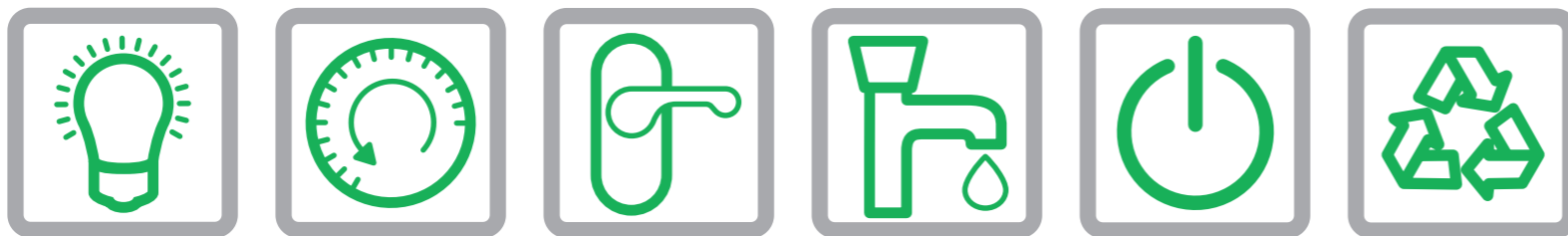


Case study: Parkdean

- "Save It!" Scheme
- Used a bonus to encourage staff to meet targets
- If a site met targeted reductions 10% electricity, 8% water and 4% gas consumption staff were entitled to a £100 bonus
- A 10% reduction in energy consumption could save £770,000 per annum

Six Simple Steps

We could tell you dozens of things to do in the office and the home to save energy. But instead we want you to take these Six Simple Steps and **actually do them...**





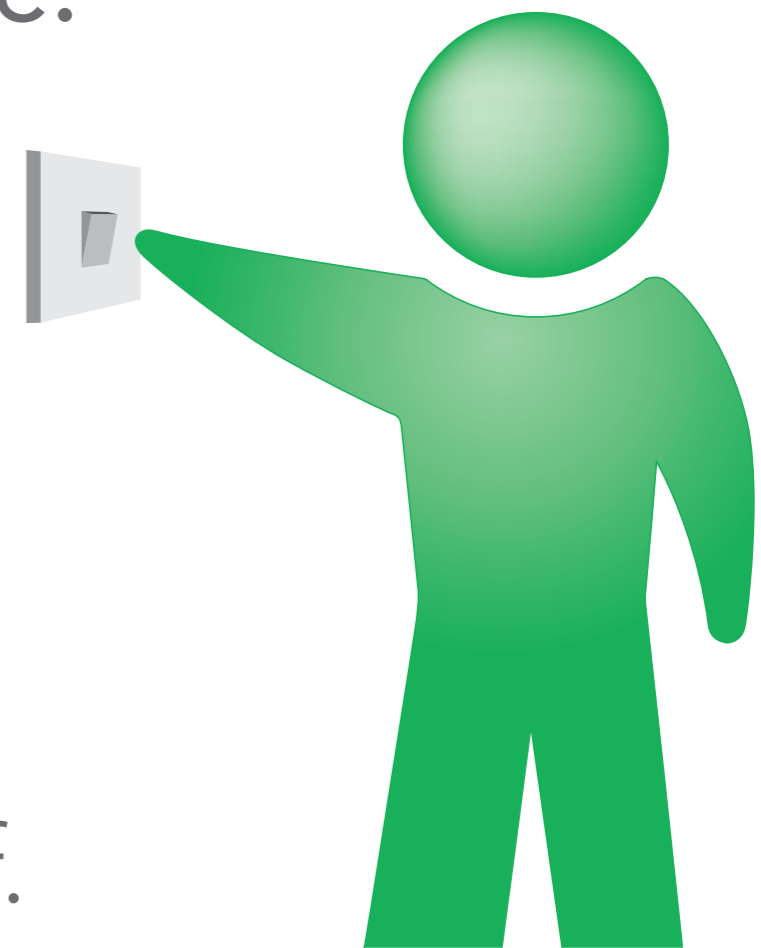
1. Switch it off!

The lights are on but nobody's home!

If a room is **not being used**,
switch the lights off.

If there is **plenty of natural light**,
switch the lights off.

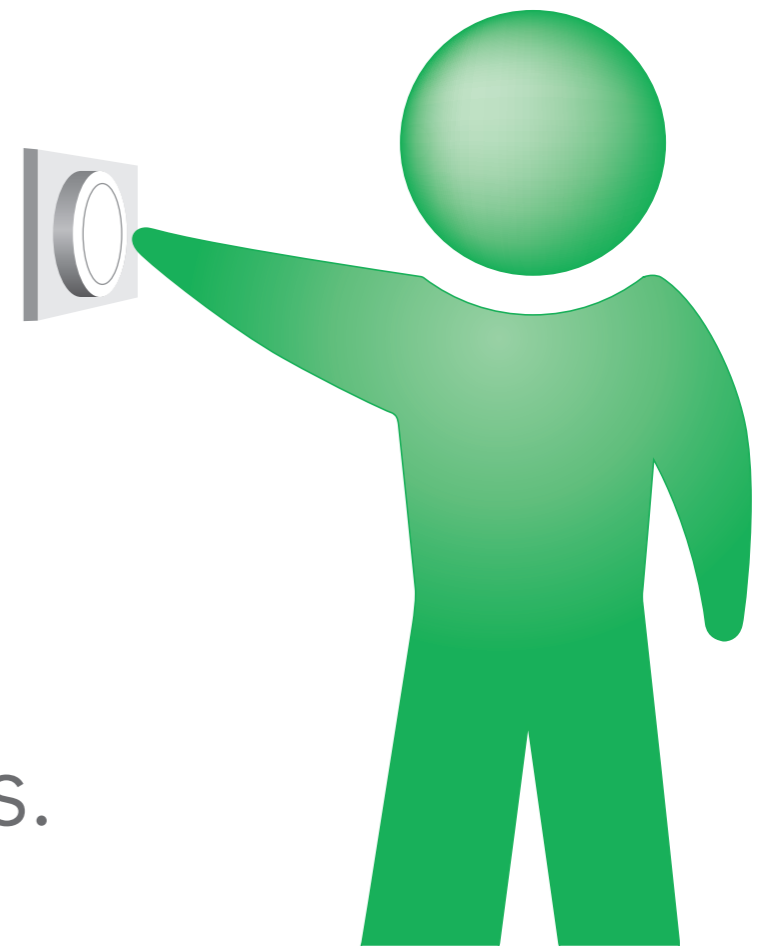
If you are the **last person out** of the
building at night, switch the lights off.



2. Turn it down!

Turning the thermostat **down** by **1°C** could save 10% of the energy needed for heating

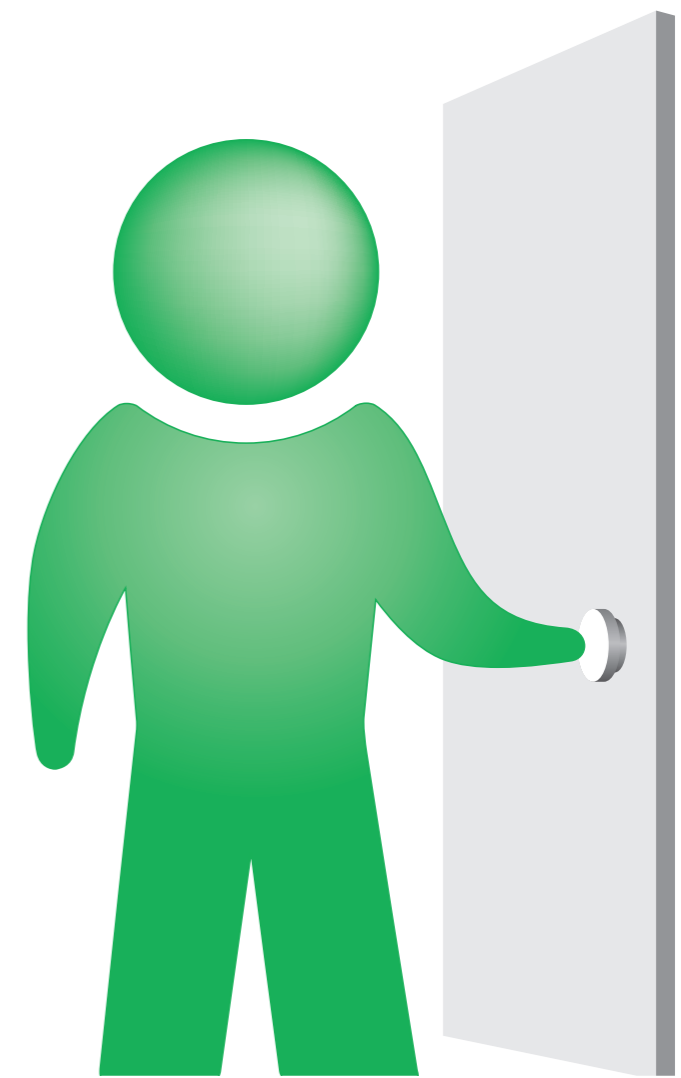
An office should only be heated to **19°C**, remember that body heat and heat from electronics will add to the heating from radiators.



3. Keep it closed!

In cold weather and whenever the heating is on **keep windows and doors closed.**

If it is too hot in the office **turn the heating off** before you think about opening windows or doors.



4. Stop the drip!

Dripping taps can add around **£50 to your utility bill** each year, so whenever you see a dripping tap report it and get it fixed.

Never use running water for washing up, only use standing water.

Also consider taking more showers than baths, on average **a bath uses 4 times more water.**

5. Shut it down!

Shut your computer down at the end of the day or when you are not using it.

If you do not use your computer over lunch then turn the screen off, this saves around two thirds of the energy needed to run the computer.





6. Reduce Reuse Recycle

Try to **Reduce** the resources you use
eg. **don't print off emails**

Find easy ways to **Reuse** materials, eg.
Reuse waste paper for notepads

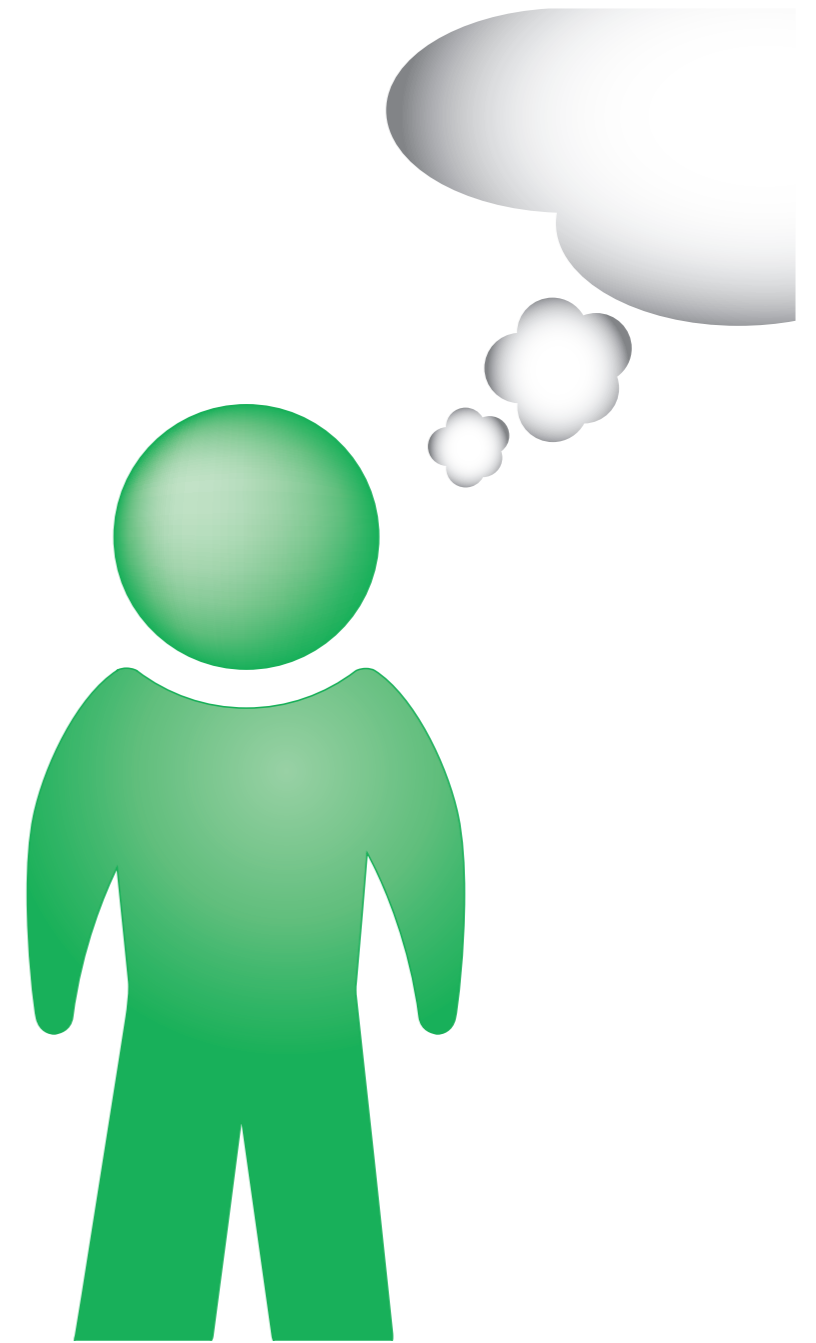
Please **Recycle** and always, always use
the right bin



Keep your eyes open

Look around your home and workplace for more ways to save energy

Think of different ways you can achieve energy efficiency and don't be afraid to put forward new ideas.





Make a difference at home

There are many ways to change for the benefit of the environment:

Print less and double sided where possible.

Warmer clothes in the winter can reduce the need for heating.

Take **showers instead of baths** and try to minimise your time in the shower.



Make a difference at home

Take special notice of how energy efficient any **new appliances** are.

Re-use as many things as possible – water bottles for example

Switch electrical items off at the plug, don't leave them on standby

Recognising Sustainability...

