



Australian Government

Department of the Environment,  
Water, Heritage and the Arts



## Energy Efficiency – Lighting

### What's the problem?

#### Did you know that:

- By 2020 lighting energy use is expected to rise from 3614 gigawatt hours to 6950 gigawatt hours, an increase of 53 per cent.
- The average floor area for houses is expected to increase by 145 per cent by 2020. This will significantly increase the amount of energy consumed by lighting.
- Overall, residential energy consumption is predicted to grow from 83,000 gigawatt hours in 1990 to 130,000 gigawatt hours in 2020 (or 130 billion kilowatt hours).

### Tips for energy efficient lighting

- Replace incandescent light bulbs with Compact fluorescent lamps (CFLs)



- CFLs use about 20 per cent of the energy consumed by traditional incandescent bulbs so are five times cheaper to run
- CFLs also last up to 10 times longer than traditional incandescent bulbs
- Use 'task lighting', for example desk lamps to supplement general lighting when necessary.
- Keep light fittings clean and dust free to allow maximum light to shine through.

### What's being done?

#### The Australian Government's Response:

The Australian Government has committed to cutting greenhouse emissions by 60 per cent by 2050; the phase-out of inefficient incandescent lighting is one of the programs to help achieve this goal.

The Australian Government plans to introduce import restrictions on inefficient incandescent light bulbs. The Government has accelerated the phase-out plans by 12 months, which means the four-year phase out of inefficient light bulbs is due to start in November this year.

These import restrictions mean that light bulbs classified as 'inefficient' incandescent will not be able to be brought into the country. On implementation retailers will have a year to sell existing supplies before any sort of retail ban comes into effect.

Fast tracking the phase-out will see a reduction in greenhouse emissions of more than four million tonnes per year.

The Department of the Environment, Water, Heritage and the Arts (DEWHA) is working closely with the Australian Customs Service, industry members, wholesalers and retailers to put the new import restrictions in place.

*Making changes to your home's lighting is so easy, make them sooner rather than later!*