

# Recovering energy from waste

1. We all recycle and compost as much as we can.
2. Waste can be pre-sorted to collect any recyclable materials left over.
3. The waste is fed into the incinerator.
4. It burns at temperatures over 850°C.
5. Heat enters a boiler to produce steam.
6. Steam powers a turbine that generates electricity for homes and businesses.
7. Excess heat can be piped to neighbouring buildings for heating.
8. Harmful gases are removed.
9. Particles are filtered.
10. Material collected by the air clean up system is sent for treatment.
11. All emissions are monitored to meet strict environmental standards.
12. Ash is collected at the bottom of the incinerator.
13. Magnets remove any remaining metals for recycling.
14. Ash left over can be used in construction projects such as new roads.

