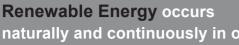


# RENEWABLE ENERGY FACT SHEET 1

SIDE A



naturally and continuously in our World and does not get used up.



from decomposing or burning plant and animal matter

**TIDAL** 

ENERGY

from the pull due to gravity of the moon on the sea



from heat deep under the ground

### **SOLAR ENERGY**

from the sun



from the movement of warm and cold currents of air



WAVE ENERGY

from the effect of the wind on the sea



ENERGY

from flowing water

# RENEWABLE ENERGY FACT SHEET 1

SIDE B

#### **Our Current Use of Energy**

At the moment only between 2% and 3% of the energy we use in the World as a whole, comes from renewable sources. The rest of our energy (electricity, heat and transport) comes from burning fossil fuels (oil, coal and natural gas) and from nuclear power.

## FOR AND AGAINST

### RENEWABLE ENERGY:\*

- does not produce dangerous waste or poisonous chemicals
- ♦ does not cause climate change
- will not get used up
- technology is still being developed so is not yet available to everyone
- is usually more expensive than fossil fuels



### **NUCLEAR POWER:**

- produces dangerous waste
- ♦ does not cause climate change
- the technology is well developed and we are all currently dependent on it

## **FOSSIL FUELS:**

- produce poisonous chemicals
- cause climate change
- ♦ will get used up
- technology is well developed and we are all currently dependent on it



<sup>\*</sup>See the 7 fact sheets on each of the 7 types of renewable energy. These give more information on each type and more advantages and disdvantages of each.