

Power stations generate electricity by burning fossil fuels such as coal, oil and gas.

Nearly all our food is transported by lorries, ships and planes.

Petrol and diesel are made from fossil fuels.

Oil spills in the sea mean that penguins' feathers become less waterproof. They can no longer keep the birds warm. As penguins try to clean their feathers they are poisoned by the chemicals.

Most homes and schools use gas or electricity that comes from power stations.

Plastic is made from fossil fuels.

Enormous amounts of fossil fuels are used to make metals which build cars.

Food waste in landfill sites turns into methane which causes global warming.

Greenhouse gases trap the heat of the sun, causing the earth to warm up. This is called global warming.

Overfishing in the sea means that there is less food left for animals.

Polar bears depend on sea ice to hunt their main food – seals.

The sea is becoming more polluted.

Penguins eat krill. Krill feed just below the ice surface. Less ice means fewer krill.

Global warming means that sea ice is melting.

The mining of fossil fuels and building of oil pipelines causes pollution and damage to fragile environments.

Burning fossil fuels releases greenhouse gases into the atmosphere.

Pollution in the sea affects the growth of polar bears and makes it harder for them to survive.

Global warming means that sea ice melts sooner and refreezes later than it used to.