



BIOFUELS FACTSHEET



BIODIESEL is made from vegetable oils and liquid animal fats. These oils and fats are mixed with alcohol to make biodiesel.



BIOGAS is made from methane. Methane is the gas that is released when cows and other animals poo. The animal poo is collected then left to rot in a big container and then the gas is collected.

Bio stands for Biology, the science of living things

It may sound nasty but animal poo is used to make biogas!

Our biofuels generate heat and electricity and fuel our transport

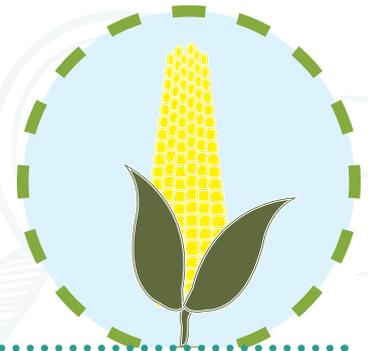
Fossil fuels like coal and gas produce harmful carbon dioxide

Using biofuels is a great way for us to manage waste

Environmental pollution is a BIG problem for our planet

Liquid fats and oils are used to make biodiesel

Sustainable fuels are BIOFUELS



ETHANOL is made from harvested crops. The crops are mixed with liquid and bacteria and left to ferment (or brew) together. Crops can also be used to create **BIOGAS**.

SO, WHAT ARE THE BIG BENEFITS OF CREATING BIOFUELS?

- ✓ Biofuels are more **SUSTAINABLE** and **RENEWABLE**
- ✓ We **REDUCE** how much **CARBON DIOXIDE** we put into the atmosphere
- ✓ We get rid of waste and turn it into a **SOURCE OF ENERGY**
- ✓ Biofuels could **POWER** our **CARS**, heat our **HOMES**, and fuel our **PLANES**