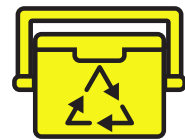
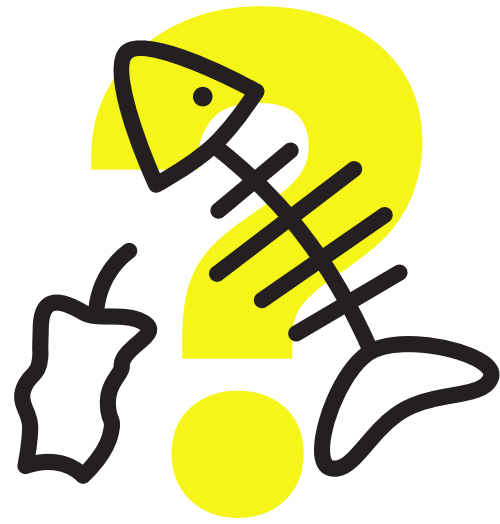


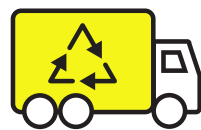
WHERE DOES YOUR FOOD WASTE GO?

The process of how food waste is turned into energy



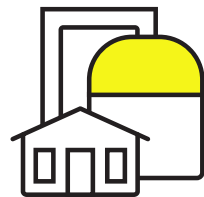
SCRAPS OF FOOD

Left over food and scraps are separated at home in a food waste caddy.



COUNCIL COLLECTS FOOD WASTE

Local councils offer kerbside collection of separated waste. This is delivered to an anaerobic digester facility.



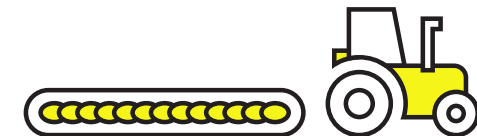
AN ANAEROBIC DIGESTER PROCESSES THE WASTE

An anaerobic digester uses microorganisms and bacteria to break down waste. Inside the digester is a unique anaerobic environment (no oxygen) whereby bacteria feed on the material and excrete gas (Methane).



WHOLE DIGESTATE IS FORMED AND STORED

Digestate is a by-product from the process. This is stored and can be used by farmers for soil improvement.



DIGESTATE IS SPREAD ON THE LAND

The digestate is spread on the land to enrich the soil, ready for the next season's crops.



BIOGAS IS FORMED AND STORED

From the process biogas is created. This gas is captured, refined and stored.



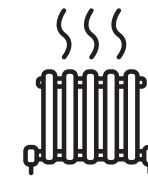
BIOGAS TURNS INTO ELECTRICITY

The biogas can be pumped to a powerplant and burned to generate electricity.



ELECTRICITY POWERS HOUSEHOLDS

The electricity generated goes back into the grid and may even be powering the screen you are reading this on now.



BIOGAS IS USED AS A FUEL AT HOME

The biogas can be added to the national grid and used for cooking and heating your home.