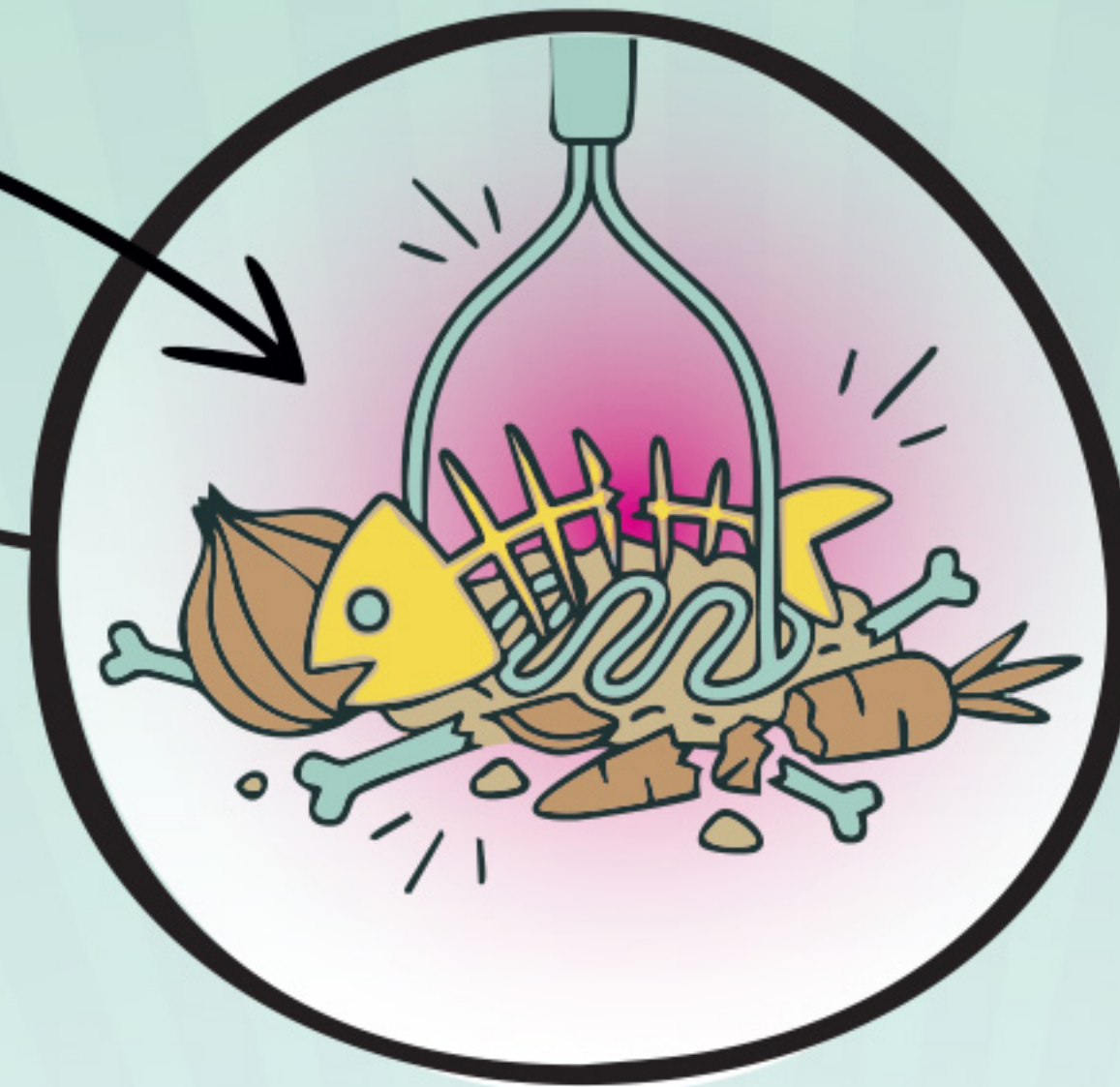


# What happens to your FOOD WASTE RECYCLING?

## In it goes

Your food waste is tipped into a macerator that mashes and bashes it all into a pulp

1



## Ready, steady..

Liquid is then added to this pulp, making what's known as 'soup'

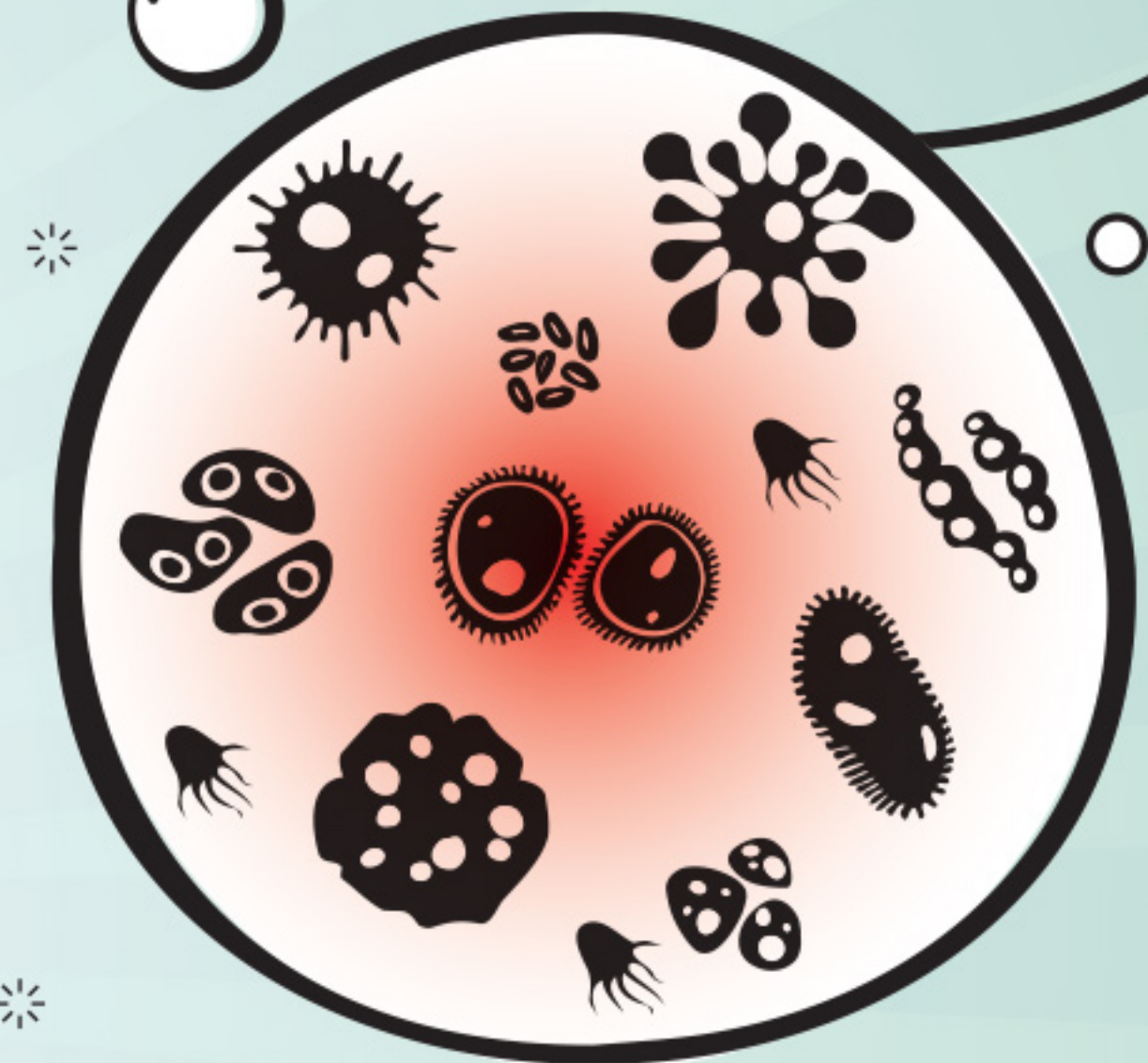
2



## Heat it up

The 'soup' is heated to kill off any bad bacteria, then pumped into a sealed tank with billions of good bacteria

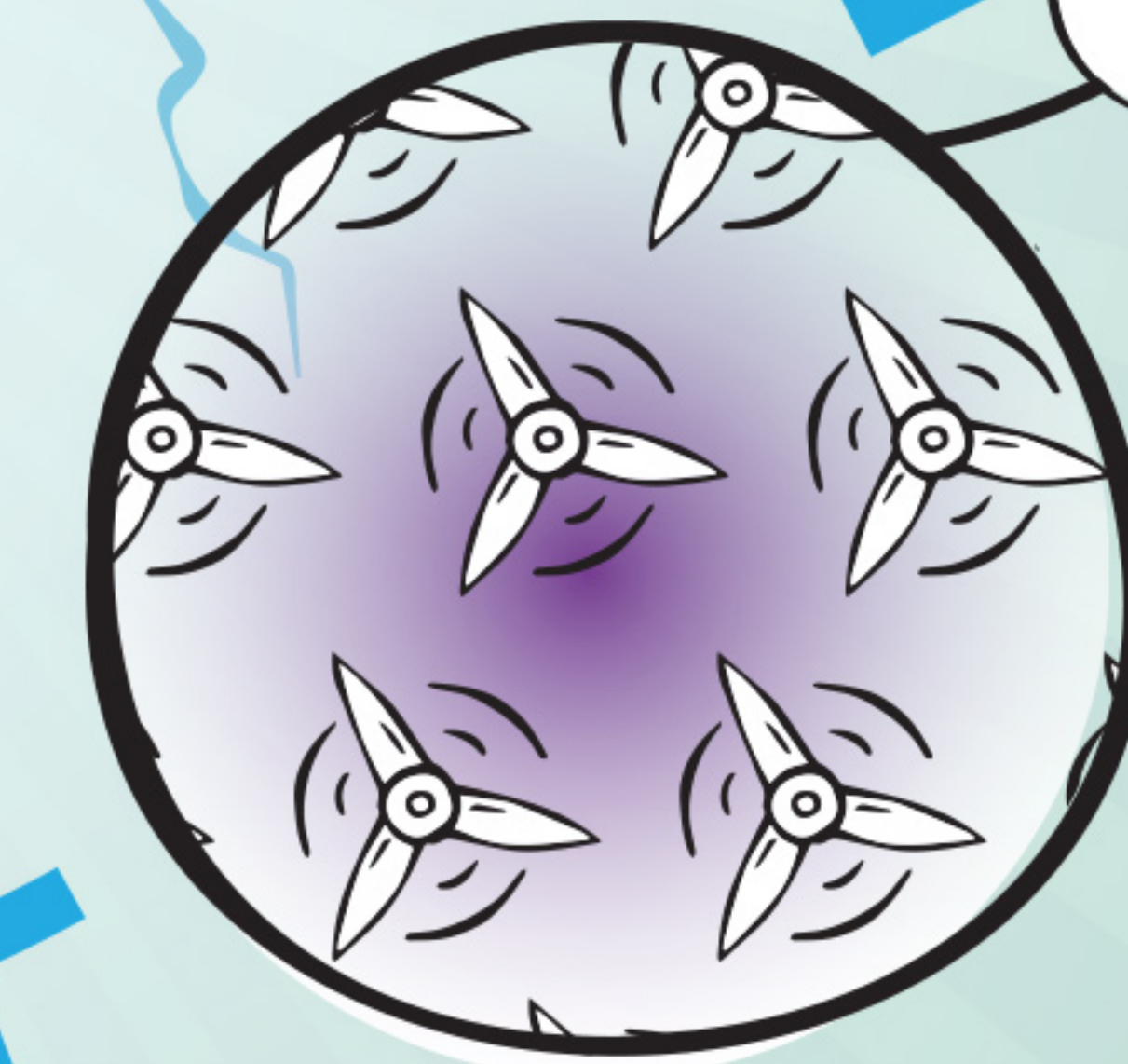
3



4

## Gas power

The bacteria eat through the soup and produce a valuable gas which can power an engine. This generates heat and electricity



5

## Take a little

The heat and a little bit of the electricity (about 10%) is used onsite for various parts of the treatment process



6

## Share the rest out

The rest of the electricity is then passed on to the National Grid to power local homes



7

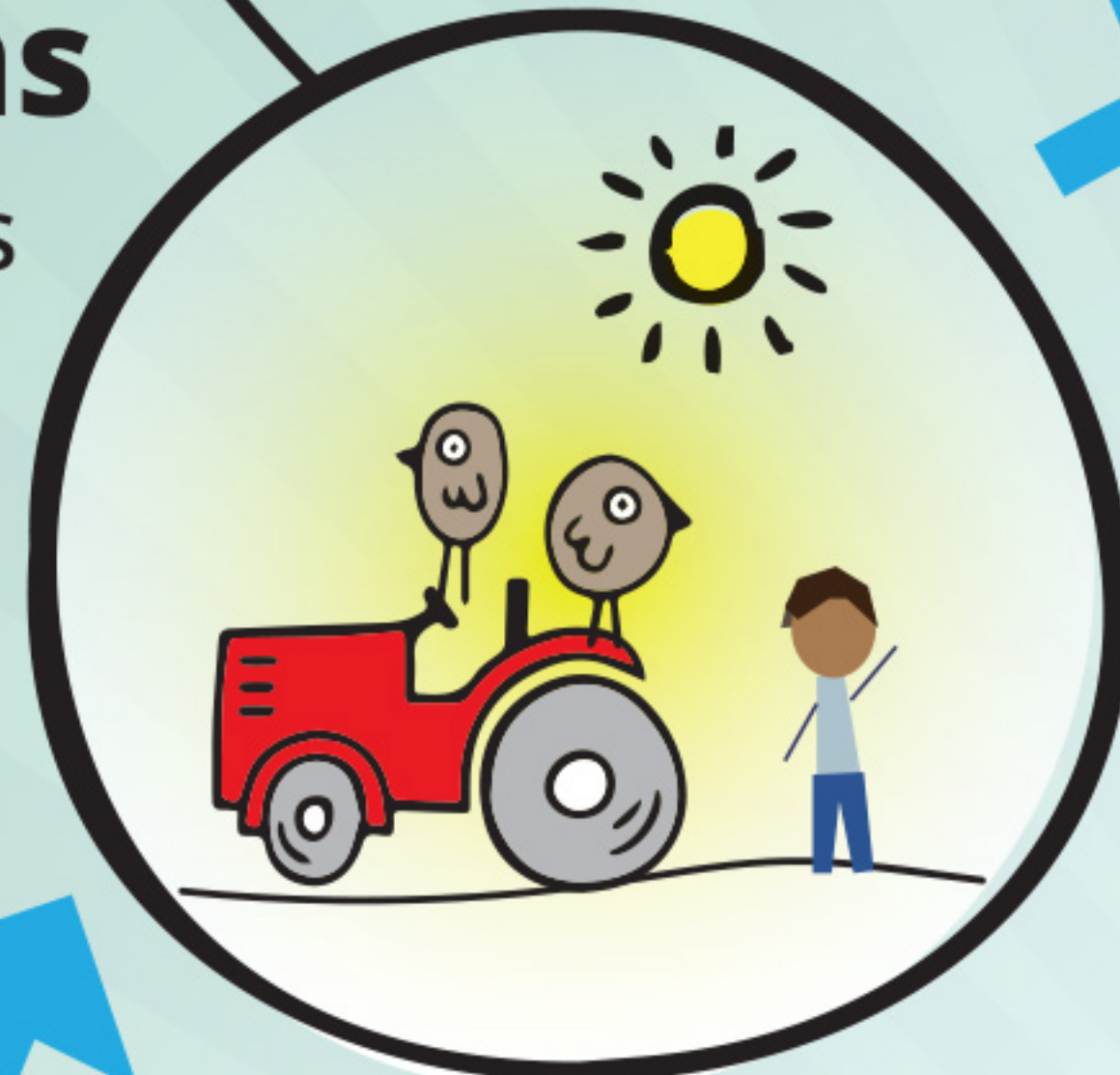
## Fantastic fertiliser

The left over nutrient-rich biofertiliser is heated to over 71°C and screened to remove any bits bigger than 2mm



## Happy farms

The biofertiliser is then ready to be spread on local farmland to help grow more food



DID YOU KNOW THAT ONE CADDY OF RECYCLED FOOD WASTE CAN...



**BOIL YOUR KETTLE**  
3 Times



**POWER AN LED LIGHTBULB**  
for 24 hours



**Be turned into BIOFERTILISER**  
for local farmers



East & North Herts  
Shared Waste Service