

## Have you ever wondered what happens to kitchen scraps that you put in your bin...?

All waste taken to Leicester's Recycling Plant is extracted via the Ball Mill



All organic material, including kitchen scraps and garden cuttings, are extracted and transported to Wanlip. (Anaerobic Digester)



From this the following is produced:



**Soil Conditioner**



**Electricity**



[www.biffaleicester.co.uk](http://www.biffaleicester.co.uk)

Anaerobic Digestion is the process that enables organic matter to be broken down in the absence of air.

The Anaerobic Digester, located at Wanlip is where all the fine organic waste produced in Leicester is taken.

### How does this work

The Anaerobic Digestion process is carried out within sealed, cylindrical digestion tanks. The organic waste is liquefied and passed through sand, which gets rid of heavy material such as glass or grit. This mixture is then heated and broken down by bacteria.

The methane gas produced is harnessed and used to generate electricity – fed back into the national grid



The soil conditioner will be used on re-claimed land/old colliery sites.



For further information call Customer Services on 0116 252 7002