

CASE STUDY

FUTURE IS RENEWABLE

Using food waste to power our processes.

At our Coleshill sewage treatment works, we're turning food waste into enough electricity to make the site self-sufficient.

We've invested £13 million in an anaerobic digestion plant, which uses food waste from local businesses to create methane gas. We then convert this gas to green energy, sufficient to power over 4,000 homes or the whole of the works and more. Nothing is wasted, with plastic packaging going for recycling and the leftover material becoming fertiliser for local fields.

By digesting this food waste, we're preventing around 8,000 tonnes of carbon dioxide emissions each year. That's equivalent to taking 3,300 cars off the road. And we're enabling local businesses to save money and meet their environmental goals. The National Exhibition Centre is one of the first to send its food waste to Coleshill. We'll be taking around 120 tonnes of its waste each year, helping to ensure it sends zero to landfill.

