Every year at Bristol sewage treatment works, GENeco treats...

- 75 million m³ of sewage waste
- 35,000 tonnes of inedible food waste

The solid material undergoes anaerobic digestion...

- Decomposition without oxygen
- for 12 to 18 days
- at 32 – 42ºC

Biogas rich in methane

The gas is then...

- scrubbed of impurities
- upgraded to be the same composition as natural gas

The Bio-Bus is powered by biomethane

- Each unit of gas is checked for quality
- 98% methane

A volume of methane equivalent to...

- the flatulence produced by all the dairy cows in Wales
- supplying 8,300 homes for a year
- the equivalent of filling one hot air balloon every hour for a year

We produce 17 million m³ of biomethane a year

- 75 million m³
- 35,000 tonnes
- 375 million m³
- 30,000 tonnes

The gas is then...

- checked for quality
- 98% methane
- upgraded to be the same composition as natural gas

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- 75 million m³

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A full bus load of passengers’ annual waste would cover a journey more than twice the distance from Land’s End to John O’Groats

One passenger’s annual food and sewage waste would fuel our Bio-Bus for 55km – nearly a return journey from Bath to Bristol airport

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