

# Becoming a sustainable energy producer

A UK producer of dried pet food cuts carbon footprint and attains sustainable Bronze standard after installing Centrica Business Solutions' CHP unit.



## Obligation to sustainable production

To become a sustainable energy producer, this UK pet food manufacturer sought to reduce its carbon footprint and make a positive impact in the local community.

## CHP and beyond

A holistic approach to reduce energy costs in a sustainable manner needs an expert, multi-faceted strategy.

To aid the company's commitment to greener production, Centrica Business Solutions installed a Combined Heat and Power Plant (CHP), which led to more natural in-house energy sources such as natural gas.

The organisation also examined its approach to procuring resources. The business sourced materials such as meat and cereal from local farmers, which significantly reduced transportation costs and supported local businesses.

## The results

Today, zero waste from the company reaches landfill, and any non-recyclable waste goes to waste transfer stations. The numbers associated with the new CHP unit demonstrate the manufacturer's commitment to sustainable energy production. In 2014, the business cut carbon output by 1,726 tonnes of CO<sub>2</sub> – the equivalent of taking 575 cars off the road each year.

Environmental governing bodies took notice. One prominent sustainable business monitoring firm honoured the company's commitment to sustainable business practices with their Bronze standard.

"It's great to see a business proudly setting the standard for the environment and making such a positive impact," says a spokesman for the sustainable practices firm. "Within their environmental commitments, the company introduced a robust waste management system, with good segregation of waste helping them achieve zero waste to landfill."



Bronze standard  
for Green Business



Zero waste  
goes to landfill



Carbon emissions  
cut by 1,726 tonnes



Carbon reduction  
equivalent to  
removing 575 cars  
from the road

“

We do everything we can to reduce energy consumption and prevent waste. Our Combined Heat and Power Plant (CHP) generates electricity from natural gas and also produces heat and steam for use in our production processes.”

## Company spokesperson

### Why

Centrica Business Solutions' Combined Heat and Power units:

- Reduced overall carbon footprint
- Produced zero landfill waste
- Sent non-recyclable waste to electricity-producing power station
- Unleashed natural in-house energy sources