



State-of-the-art Energy Center for the Kraft Heinz Company

Food & Beverage | Case Study

Veolia designed, built, and operates and maintains a 100 MWth steam generation facility for The Kraft Heinz Company, the largest and most efficient of its type serving European industry.

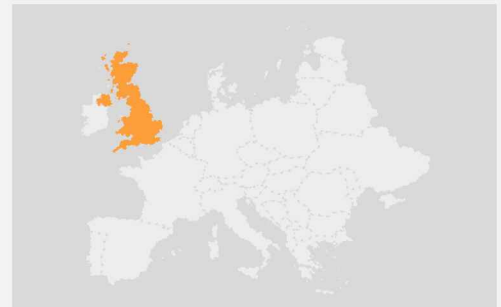
| The challenge

The Kraft Heinz Company site at Kitt Green is Europe's largest food-canning plant. It processes 1.34 billion cans of food every year, including the well-known Kraft Heinz Company's 57 products such as baked beans. The site processes food on a 24 hour, 6-day shift throughout the year.

To maintain production processes, the Kraft Heinz Company requires up to 99 tonnes of steam per hour. To improve environmental performance, reduce fuel consumption and sustain the steam supply, they wanted a new energy centre capable of generating large volumes of steam. A key driver was optimising the use of technology.

| Veolia's solution

- Veolia is an energy specialist which examines businesses in precise detail to ensure a guaranteed supply of sustainable efficient energy is delivered with budget certainty.
- Veolia designed, built, operates and maintains a new **100MWth steam-generation facility**, the largest and most efficient of its type serving European industry.
- The latest software and computer control systems enable the facility to operate unmanned, with 24 hour monitoring by Veolia's Site Monitoring Centre, supported by mobile engineers.



Kitt Green, United Kingdom



Solution:
Development & Maintenance

Saves a total of
£1 million per year

Energy cost savings,
4% less gas used

CO₂ emissions reduction of 8%



| The benefits

Veolia guarantees the steam supply, maintaining it 24/7 at the required pressure and temperature to support year-round production. Veolia's Replacement Guarantee Scheme also ensures that there are no unbudgeted steam plant replacement costs during the contract.

This comprehensive service not only ensures a consistent and reliable steam supply but also results in substantial cost savings and environmental benefits. **The facility saves a total of £1 million per year, with energy cost savings of £500,000 per year.** Additionally, it exceeds all environmental legislation by achieving **8% lower CO₂ emissions** and **using 14% less gas**. The new **£5.3 million** facility is an impressive addition, capable of generating up to **140 tonnes of steam** per hour. It incorporates four of the largest shell boilers in the UK, each capable of delivering **35 tonnes** of steam every hour. This state-of-the-art facility demonstrates Veolia's commitment to providing efficient and environmentally responsible steam production solutions for its clients.



This agreement has been a very positive move for our canning operations and our aim to protect the environment. The new centre provides a further positive move towards increasing efficiency of the site.

Barry Aspey, Energy Manager, Kraft Heinz Company Limited



VEOLIA'S PURPOSE: committing to a multifaceted performance



ENVIRONMENTAL

Reduction of environmental emissions: CO₂, NOX, SO₂
Compliance with environmental legislation