

Koito Europe Ltd

Leveraging Climate Change Agreements to develop state-of-the-art manufacturing facilities and drive down energy consumption and costs.



Koito

Koito Europe Ltd (KEL) is a specialist manufacturer of vehicle lamps, supplying the units for many of Europe's cars. Operating from a purpose-built factory in the spa town of Droitwich, Koito is part of the Koito Manufacturing Company Limited (KMC), a Japanese-based global organisation.

Challenge

As a leading manufacturer carrying out energy intensive industrial processes at its 8-acre site, KEL is acutely aware of its responsibility to reduce its carbon footprint. It recognised the opportunity that entering a Climate Change Agreement (CCA) would offer in providing a legal framework with committed carbon reduction targets and a structured programme for energy saving.

Climate Change Agreements are voluntary agreements made between organisations and the government to reduce energy use and CO₂ emissions. Organisations that meet their targets receive a discount on the Climate Change Levy (CCL).

Solution

Zenergi's Climate Change Engineering team worked closely with KEL to survey the industrial processes, identify all the eligible processes, and establish the initial Climate Change Agreement. Since then, as energy legislation has evolved, we have continually updated the Agreement to ensure Koito receive maximum benefits from participation in the CCA.

Zenergi provides a full management service that includes monitoring of energy performance, projection of carbon performance against target, and verification of financial savings. We collaboratively work with the on-site staff to maintain an energy efficiency project register and all of the evidence, information, and legal requirements for the Climate Change Agreement.

Financial Savings

KEL continue to evolve, using the financial savings emanating from the reduction in CCL charges to install state-of-the-art manufacturing facilities incorporating low carbon technologies to drive down energy consumption and costs.

The financial savings, which exceed £100,000 per annum, are an excellent incentive to look at further low-carbon investments across the site.

The financial savings, which exceed:

£100,000

per annum, are an excellent incentive to look at further low-carbon investments across the site.



Koito drive to make all aspects of our operation efficient and sustainable. This Climate Change Agreement, along with our overall group policy direction, has been instrumental in focusing our attention.

David Bevan
Finance Director
Koito Europe Ltd