



Case Study : Net Zero & Carbon Reduction

EPTA UK

Epta UK Limited are a leading supplier of commercial refrigeration and air conditioning equipment, providing turnkey solutions for some of the UK's well known retailers.

Committed to being a sustainable leader in the market, Epta UK's offer includes the design, manufacture, installation, service and maintenance of refrigerated solutions.

Epta began their CSR reporting back in 2010 and have released their first integrated report this year. With a wide range of energy efficient products and systems which are all available with natural refrigerants and the development of their innovative FTE patented technology, Epta's key focus is being a green transition enabler for their customers, striving to reduce the impact they have on their environment.

Epta's manufacturing process is energy and carbon intensive, and the associated emissions from transport also contribute significantly to the company's carbon footprint. Thus, Epta were compelled to demonstrate their understanding of their footprint, the steps they are taking to reduce it, and what measures they are taking to limit their environmental impact.

Background

While Epta had identified an ambition to decarbonise and set in place a plan to achieve Net Zero, they required expert support to:

- Create a robust carbon footprint baseline (Scope 1, 2 and 3) and put in place ongoing performance tracking.
- Comply with regulatory compliance schemes – Streamline Energy and Carbon Reporting (SECR) annually and Energy Savings Opportunities Scheme (ESOS) Phase 3.
- Understand their opportunities to reduce carbon footprint through efficiency measures, decarbonisation projects and the potential for self generation.
- Understand the decarbonisation solutions that suit their organisation, as well as producing a strong business case and the practical steps to implement them and develop a Net Zero.

Background continued

- Communicate to their supply chain how they are limiting their environmental impact, and what actions or plans they have in place for further reduction in the future.
- Achieve ISO 50001 accreditation.
- Review the opportunity to claim energy tax exemption through approved government schemes for specific manufacturing processes.

Solution

Inspired PLC worked closely with Epta to scope out a Carbon Action Programme that would meet their needs whilst helping to improve their competitive advantage in the market space and satisfy their clients requests.

Inspired begun working with Epta to capture their data to create their carbon baseline. In particular their Scope 3 data. This involved a session to explain each of the 15 Scope 3 categories to key Epta stakeholders and establish which are relevant to their business.

Scope 3 is a complex subject and Epta have spent a lot of time improving their knowledge through engaging Inspired in Q&A sessions. This ongoing, collaborative learning approach has

already lead to improvements in their data quality.

Whilst this part of the project was underway, Inspired attended the Epta sites to identify key decarbonisation opportunities that would later support Epta in creating their plan of action to reduce their environmental impact at their sites. These audits allowed Inspired to identify a further opportunity to help Epta claim back and benefit in future from energy tax exemption.

Results

This resulted in a rebate being secured in excess of £83,000 and projected a forward saving of up to £150,000 over the 5 year project. The savings realised are now supporting Epta's future investment in carbon reduction projects and helping to mitigate recent volatile energy market prices.

The Inspired team continue to work closely with the Epta team to develop their Net Zero targets, strategy and action plan which will result in a detailed roadmap to Net Zero.



Inspired PLC are the specialist energy & sustainability consultants for manufacturers, as trusted by Epta UK

[INSPIREDPLC.CO.UK](https://www.inspiredplc.co.uk)



Supporting you
on your journey
to **Net Zero**

Our Carbon Action Programme provides a structured approach to decarbonisation:

Carbon Footprint Reporting

Carbon Disclosure Project (CDP) Response

Science Based Target (SBT) Validation Support

Net Zero Roadmap - providing a pathway to achieving your business goals and building a low-carbon future

Streamlined Energy & Carbon Reporting (SECR)

Energy Savings Opportunity Scheme

Carbon Price Optimisation services:

Green Electricity Certificates

Green Gas Certificates

Voluntary Carbon Offsets

Carbon Sequestration

On-site Generation Technologies

