

TROVEX

Breckland Council's Low Carbon
Regeneration Programme



Industry: Manufacturing

Employees: 73

Location: Dereham, Norfolk

Website: trovex.com



Source: TROVEX

Overview

Trovex, a leading manufacturer of hygienic solutions, is committed to sustainability and reducing its carbon footprint. As part of the Breckland Low Carbon Regeneration Programme, Trovex provided key operational data to Opergy, which developed a tailored decarbonisation plan identifying opportunities such as fleet electrification, energy efficiency improvements, and sustainable material alternatives.

With a strong focus on innovation and environmental responsibility, Trovex is integrating low-carbon solutions into its operations. Their efforts align with the UK's net zero goals, demonstrating leadership in the transition to a greener future while maintaining high product standards.

Executive Summary

Trovex joined the Breckland Low Carbon Regeneration Programme to reduce its carbon footprint and enhance sustainability. Opergy's assessment set a 2024 carbon baseline of 2,092.3 tonnes of carbon dioxide equivalent, with Scope 3 emissions—mainly from material supply—making up 86% of the total. Key recommendations include electrifying the vehicle fleet, securing a permanent grid connection, and exploring sustainable core product material alternatives. Trovex is now implementing these measures, balancing sustainability with industry needs. The programme provided a clear pathway to net zero, identifying funding and practical steps to cut emissions.

With a proactive approach, Trovex is improving energy efficiency, reducing fossil fuel reliance, and strengthening its environmental leadership. This journey marks a significant step towards a more sustainable future for the business.

The Low Carbon Regeneration Programme

Breckland Council's Low Carbon Regeneration Programme, funded by the UK Shared Prosperity Fund (UKSPF), was a comprehensive initiative designed to help businesses reduce their carbon footprint, lower energy costs, and embrace more sustainable practices. The programme offered tailored technical advice, guidance, and recommendations to support the adoption of energy-saving solutions and to increase the use of renewable energy.

This initiative aligned with the Council's ambition to achieve net zero by 2035 by leveraging its regulatory powers to drive behavioural change and empowering communities to take meaningful action toward sustainability.

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We are very pleased with the professional and pragmatic support received throughout the programme from both Breckland Council and Opergy

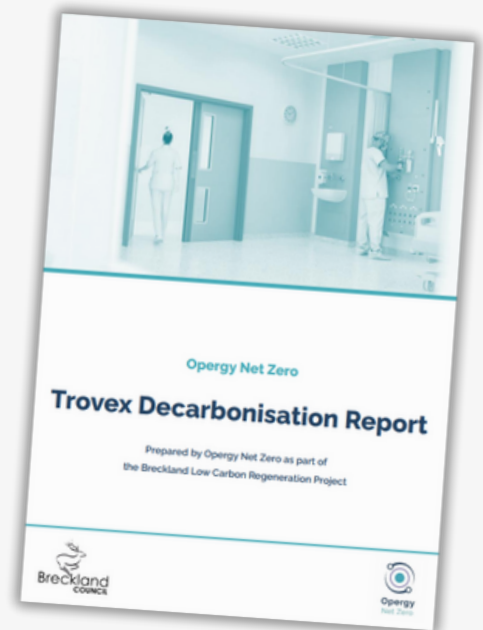
Kevin Temple, Safety, Health, Environment and Quality Manager

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The Partnership

Trovex partnered with Breckland Council and Opergy through the Low Carbon Regeneration Programme to advance its sustainability goals. Opergy provided expert analysis, setting a carbon baseline and identifying key decarbonisation measures.

This collaboration helped Trovex develop a clear net zero strategy, with tailored actions like fleet electrification and energy efficiency improvements. The partnership has equipped Trovex with the knowledge and resources to reduce emissions, supporting both business growth and environmental responsibility.



The Challenges

Trovex faces key challenges on its path to net zero. Reliance on a diesel generator remains a major emissions source until a permanent grid connection is secured.

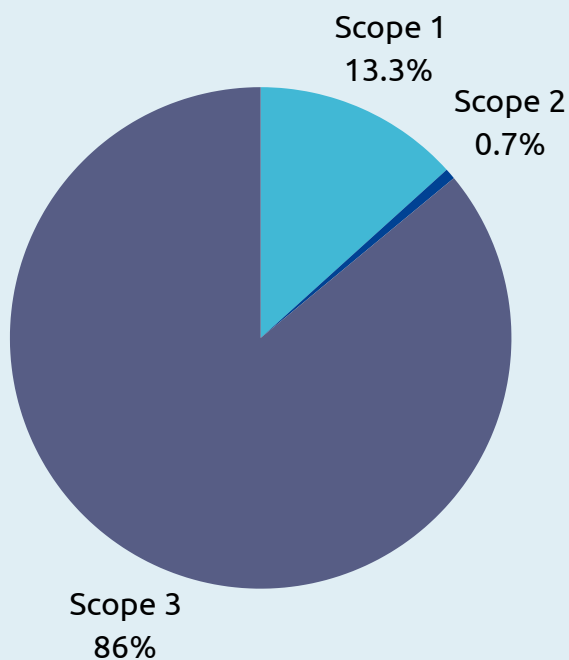
Scope 3 emissions, making up 86% of the total, are largely from material supply, with core product material being difficult to replace in medical settings. Uncertainty around funding for sustainability projects also slows progress. Balancing operational demands with time and resources for decarbonisation is another hurdle, alongside emissions from staff commuting.

Despite these challenges, Trovex is committed to reducing its carbon footprint through fleet electrification, energy efficiency improvements, and exploring sustainable material alternatives. Addressing these obstacles will require investment, collaboration, and a long-term strategy to achieve net zero.

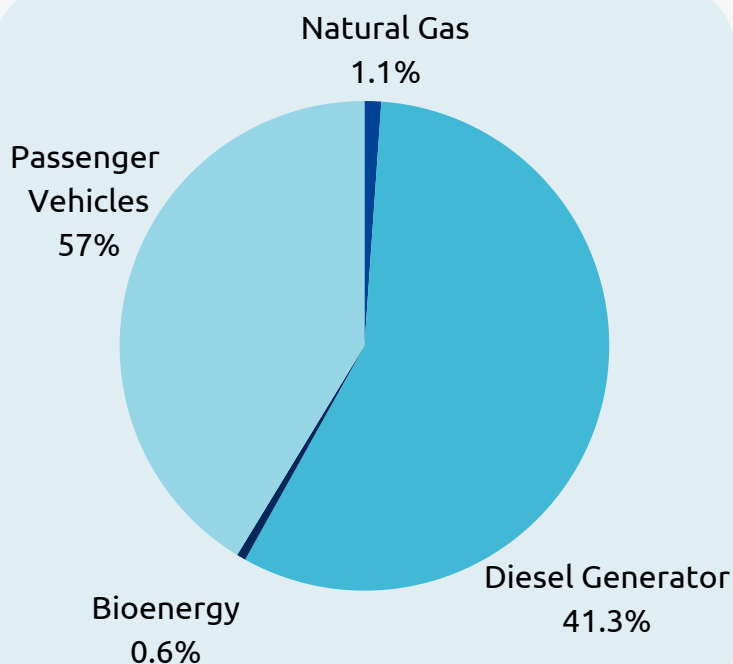
TROVEX's Scope 1, 2 & 3 Emissions

To address these challenges, a comprehensive assessment identified the businesses primary sources of greenhouse gas emissions:

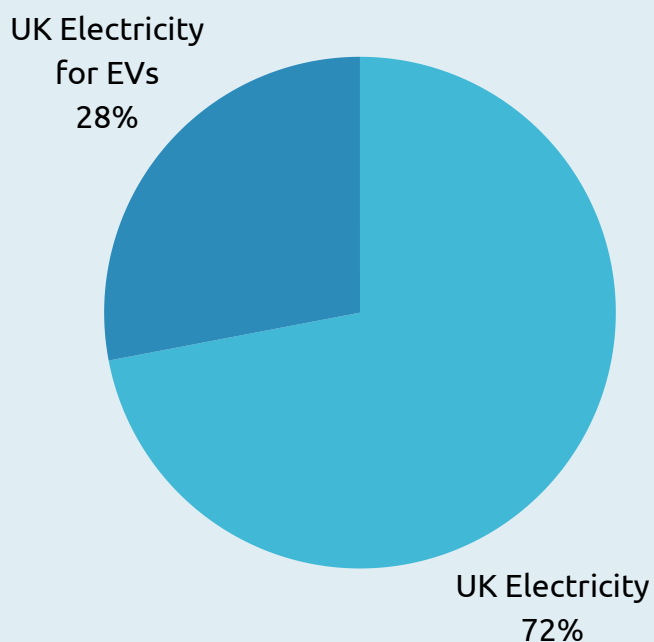
Total emissions



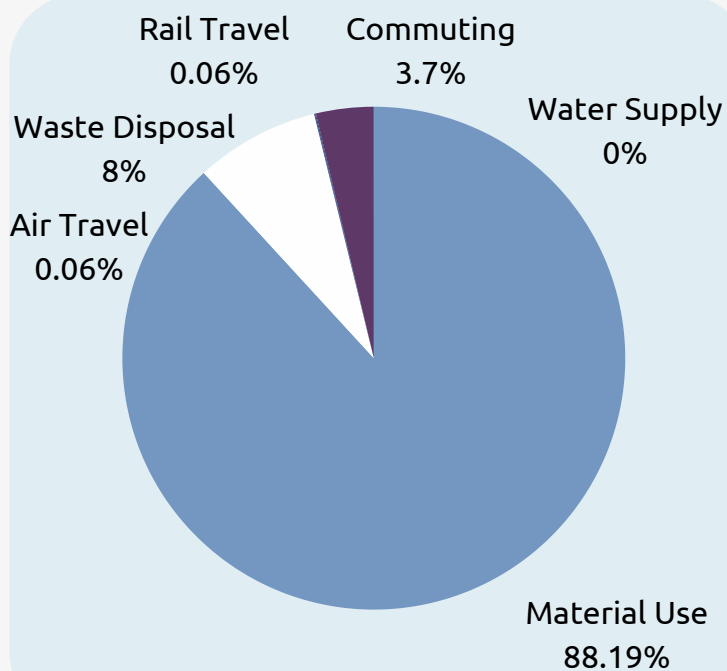
Scope 1



Scope 2



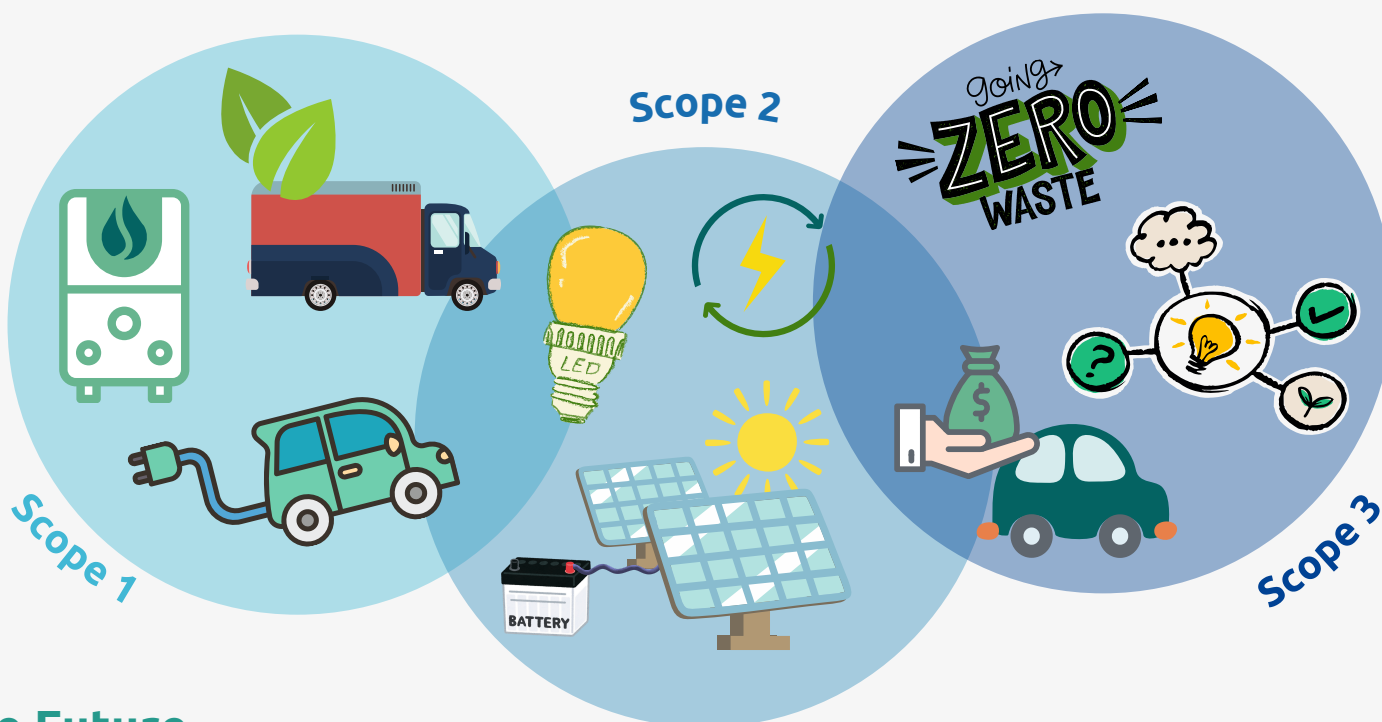
Scope 3



How The Programme Will Help TROVEX To Decarbonise

The programme and Opergy's decarbonisation report provide Trovex with a clear roadmap to reduce emissions. It identifies key challenges, establishes a carbon baseline, and outlines high-impact actions like fleet electrification, securing a permanent grid connection, and exploring sustainable core product material alternatives. The report also highlights funding opportunities and practical steps to improve energy efficiency.

With this guidance, Trovex can implement targeted measures, reduce reliance on fossil fuels, and progress towards net zero while maintaining operational efficiency.



The Future

Trovex's decarbonisation journey is focused on long-term sustainability and continuous improvement. Key next steps include securing a permanent grid connection, electrifying its fleet, and increasing energy efficiency. The company is also exploring sustainable alternatives to core product materials while maintaining product quality. Ongoing carbon monitoring, staff engagement, and collaboration with suppliers will drive further emissions reductions.



The programme and decarbonisation plan has given us an excellent head start towards achieving our future sustainability targets. We are now building on this by having engaged experienced ESG Consultants who will be helping us to attain tangible results on our journey towards reaching net zero.

Kevin Temple, Safety, Health, Environment and Quality Manager

By leveraging funding opportunities and evolving technologies, Trovex aims to integrate low-carbon solutions across its operations. With a proactive approach, the company is committed to achieving net zero, strengthening its environmental leadership, and ensuring a more sustainable future for its business and customers.



Funded by
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