

CASE STUDY

THE CAREY GROUP

Science Based Targets aligned Net Zero Strategy



CASE STUDY

The Company:

The Carey Group is a leading family-owned construction business operating in the UK. The combined group of companies provides specialist construction services – civil engineering and dry lining together with resource recovery services across multiple industry sectors.

The Background:

The Carey Group's vision is to be the most trusted and socially responsible construction company. Carbon is a core component of its sustainability strategy, with emphasis placed on reducing emissions rather than offsetting.

The Carey Group was at an early stage of its carbon roadmap when it engaged Alfa Energy Group to:

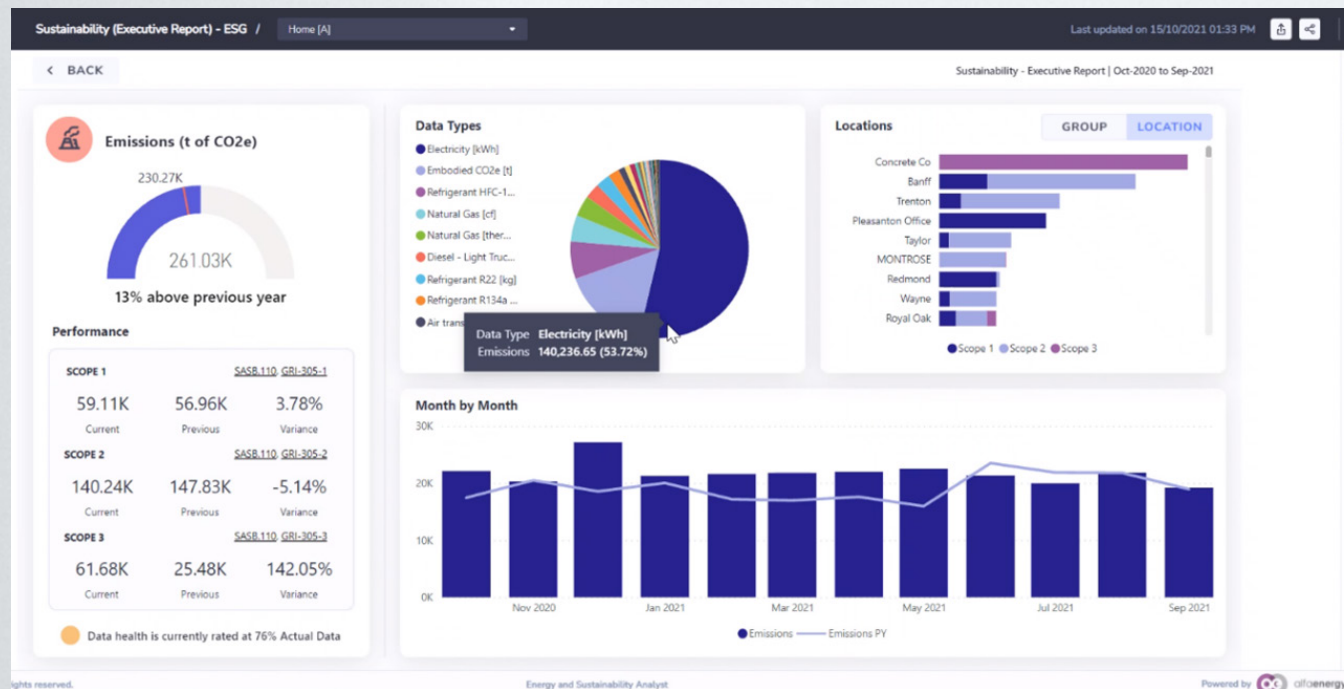
1. Establish a baseline carbon scope 1, 2 and 3 emissions for the Carey Group's entire operations and value chain.
2. Set and validate a 1.5°C aligned science-based reduction target.
3. Devise detailed action plans set to reduce the Carey Group's emissions across its value chain.

Alfa Energy Group had previously helped the Carey Group to decarbonise its power consumption and provides sustainability services to ensure the company's ESOS (Energy Savings Opportunity Scheme) and SECR (Streamlined Energy and Carbon Reporting) regulatory compliance is met.

The Solution:

As well as measuring the Carey Group's baseline through a carbon footprint assessment and designing a decarbonisation plan (including the review of various low carbon or carbon-reducing technologies and innovations available to the Carey Group), Alfa implemented VISION, our comprehensive software platform to drive energy and sustainability performance management. VISION helps the Carey Group to navigate its sustainability journey in a smarter way using the power of data and analytics.

Dummy data



The Result:

Alfa's sustainability experts undertook a thorough analysis of the Carey Group entire value chain in order to align the company to a Science Based Target (SBTi) approach. It was notable to see a significant proportion of emissions arise from its Scope 3 even though the Group has significant Scope 1 & 2 emissions arising from its use of fossil fuels for its Plant and Fleet. Of its Scope 3 footprint, just over 80% was attributed to Category 1 - Purchased Goods and services. Approximately 90 key suppliers were identified across Scope 3 for particular focus under a supply chain engagement programme. The strategy development process uncovered unexpected process and operational inefficiencies at the Carey Group, highlighting the benefit over and above reputation and climate, of conducting such analysis and reporting.

"We did a big piece of work with Alfa looking at completely analysing our value chain for us to align to a Science Based Target (SBT) approach. Alfa has done some great work with us looking at our Scope 3 data and highlighting the ten key steps we can do to start decarbonising our supply chain and operations now. As a business we've never had that; we've talked about carbon in a holistic context – why it's important – but now we're analysing where are we and the critical steps we can take as a business, as units, and as individuals, to achieve net zero."

Anna Baker, Head of Sustainability

Listen to our Resonance podcast episode with Anna regarding her wider mission to embed sustainability within construction.



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DECARBONISING CONSTRUCTION: THE PRACTICAL STEPS AND WHAT LIES AHEAD

with **Anna Baker**, Head of Sustainability at Carey Group



Hosted By **Samuel Clements**,
Sustainability Specialist at Alfa Energy Group

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About Us

Alfa Energy Group is an international, technology enabled, energy and sustainability consultant partner with 200 employees over 4 international locations. For over 25 years. Alfa has been servicing its clients' needs through energy and water management, sustainability, and compliance consulting, and an intuitive ecosystem of user-driven energy, water, and carbon management software platforms.

With coveted awards, an international industry-wide recognition, and clever simple solutions, today Alfa is partnering with clients to establish and deliver pivotal net zero strategies. Through smart energy management, the expertise and diligence of our people, transparent processes, and data management, Alfa continues to lead through its recognised gold standard of service delivery.

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