



CASE STUDY

ECO-TRACK

The Client: Valtech *

Valtech, the experience innovation company, has over 6,500 employees across 64 offices in 25 countries. Last year, they sought Avon Energy Partners' expertise in calculating the carbon footprint of their extensive employee base.



6,500 employees



64 offices



25 countries

Valtech wanted to go further in its Scope 3 ambitions than simply covering the standard Commuting and Business Travel emissions. The organisation also elected to set optional SBTi targets for emissions generated by Working from Home and Overnight Stays because these activities make up a significant part of their employees' working patterns, especially given the surge in remote work caused by the COVID-19 lockdowns. Furthermore, Valtech aims to have an amplifier effect that goes beyond its own emissions boundaries, positively influencing its employees and their own friends and families to make changes that reduce emissions across multiple facets of their lives.



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

“Valtech needed a dynamic and responsive tool that was customised to its context”

Traditional methods of compiling an emissions inventory for such a diverse and dispersed workforce were insufficiently nuanced and lacked the specificity needed to provide actionable recommendations. Valtech needed a dynamic and responsive tool that was customised to its context. This realisation drove the development of ECO TRACK, a solution designed to provide precise and actionable emissions data.

The Solution: ECO-TRACK

ECO-TRACK was developed with a comprehensive survey via Microsoft Forms, supported by a carbon calculator that calculated employees' primary activities. This included an advanced, bespoke model to calculate daily energy consumption when working from home that considered thermostat settings, building types, insulation quality and heating and cooling systems, as well as regional-level temperature differentials to develop geography-specific carbon outputs.

Developed using:

- **A comprehensive survey via Microsoft Forms**
- **A carbon calculator capturing employees' primary activities**
 - **Thermostat settings**
 - **Building types and insulation quality**
 - **Heating and cooling systems**
 - **Regional temperature differentials**
- **An advanced, bespoke working from home model that considered:**

What ECO-TRACK measures

ECO-TRACK was built using a global database of emission factors, ensuring that Valtech received tangible information and region-specific accuracy.

The survey also assessed employees' commuting behaviours, business travel and overnight accommodation across all geographical regions, vehicle types and distance. This gave Valtech a complete view of their emissions related to working from home, commuting, and travelling for business purposes.

Measures:

- **Working from home**
- **Employee Commuting**
- **Regional Vehicle types and distances**
- **Business Travel**
- **Overnight Accommodation**

Results and Impact

34% reduction in per-employee Scope 3 emissions
(2019-2023)

The resulting ECO-TRACK calculator allowed Valtech to visualise emissions across their employee operations with unprecedented clarity and accuracy. This bespoke approach has enabled Valtech to make data-driven decisions regarding their carbon footprint with simplicity, identifying emission hotspots and optimising resource allocation.

From Insight to Action

By understanding the geographical distribution of emissions from their employee base, they were able to develop tailored and effective emissions reduction strategies.

1. Optimising home energy use

2. Rethinking travel habits

3. Location-specific cost-saving measures

Ongoing Value and Continuous Improvement



ECO-TRACK allows Valtech to update and refine their emissions data annually, ensuring coverage of all relevant categories. This proactive approach enables them to identify and implement iterative abatement strategies as working patterns and energy sources evolve.

Cultural Impact

One of the most profound impacts of ECO-TRACK was the cultural shift within Valtech. The solution enables employees, from entry-level to the boardroom, to grasp their personal impact on the company's carbon footprint. This newfound awareness fostered a collective commitment to sustainability, with employees actively engaging in discussions about reducing emissions and exploring lower-carbon options for business travel, working from home and commuting.

The engagement has been two-way, illustrated at the highest levels through the Valtech leadership team's sign-off on their SBTi targets; and bottom-up through their strong global network of 25+ local Sustainability Champions who drive carbon-busting action. The granularity of the ECO-TRACK approach has allowed each of Valtech's 20+ entities to drive meaningful, targeted local action on employee-generated emissions. This has come to life through initiatives such as the implementation of EV and bicycle lease schemes, eBikes to borrow, eScooter loans, public transport subsidies and local travel policies.

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