CASE STUDY

AVON ENERGY PARTNERS

ENTERPRISE-GRADE SME FOOTPRINTING & FUNDED ACTION PLANS

The Client: FourTwoThree

FourTwoThree provides a credible, data-driven platform designed for large institutions to access reliable climate data for competitive advantage, better risk management and to meet emerging reporting standards. The platform enables those institutions to provide unparalleled climate support for their SME customers and suppliers with an easy-to-use digital solution that automates footprint calculation and empowers SMEs with personalised guidance and recommendations. This two-way value exchange is fundamental to unlocking collaboration within global value chains and making meaningful progress towards critical sustainability goals.

"Climate action becomes possible when we make it accessible." – Glyn Baker, CEO at FourTwoThree

The Challenge:

In order to produce robust Scope 3 reporting, meet regulatory and investor expectations, and manage climate risk across their value chains, large institutions require high-quality primary data from thousands of SME customers and suppliers.

However, SMEs, generally lack the systems, resources, and internal capacity to capture and report consistent primary data at scale. While many can estimate their carbon footprints, they often do not have clear decision-making frameworks to enable them prioritise actions that balance emissions reductions with cost, operational impact, and regulatory requirements. SMEs are therefore often deterred by the friction, complexity, and cost of supporting sustainability reporting.

Existing carbon tools typically focus on measuring emissions but rarely deliver cost-sensitive, finance-ready abatement plans. FourTwoThree hopes to address this challenge, by developing an enterprise-grade, secure platform capable of scaling across global value chains, converting SME insights into financed, implementable decarbonisation pathways.

Delivery and Support:

Identifying Practical Decarbonisation Actions	We identified high-impact actions that SMEs can implement across different industries to reduce their carbon emissions, ensuring recommendations were sector-relevant, realistic, and operationally feasible.
From Footprinting to Action	We developed robust metrics and calculations methodologies that allows businesses to input their own data and receive quantified emissions impacts and associated costs. Actions are ranked based on SMEs priorities, financial constraints, and regulatory context.
Cost-Aware Decarbonisation	We produced clear descriptions and detailed implementation plans for each action, including practical next steps, timelines, and potential funding routes, enabling SMEs to move from analysis to financed, actionable decarbonisation pathways.

How we delivered value

Primary-data capture & scalable defaults	Action-oriented abatement & finance	Industry expertise & partner delivery
Clearly defined the primary data required from SMEs necessary to deliver verifiable, comparable Scope 3 data at scale.	Ranked and tailored abatement actions based on specific SME circumstances enabling businesses to focus on the most impactful and feasible interventions.	Applied sector-specific technical knowledge, regulatory and finance experience to translate enterprise requirements into pragmatic SME pathways.

Outcomes and Impact

Through the work conducted by Avon Energy Partners, FourTwoThree were able to deliver:

Faster, production-grade reporting	Automated roll-ups and API feeds that remove manual reconciliation, cut reporting cycles and deliver verifiable Scope-3 outputs with audit trails to support assurance.
Practical SME impact	Personalised, cost-sensitive abatement plans that increase SME uptake, driving measurable emissions reductions and delivered operational cost savings.
Funded implementation at scale	Decisioning frameworks and finance integrations shortening the path from recommendation to financed action.

Action Catalogue

39 finance-ready actions: Prioritised, auditable and designed for SME implementation.

We produced 39 discrete, scored actions that convert technical decarbonisation choices into commercial projects. Each package includes emission reduction estimates, direct cost, payback, required evidence and likely funding routes. Actions are scored by impact, cost-effectiveness and feasibility and carry a confidence band linked to data provenance, making them both practical for SMEs and auditable for enterprise Scope-3 reporting.

Why this case matters:

FourTwoThree converts enterprise demand for reliable climate data into measurable decarbonisation at scale. By developing a secure, action-oriented platform that trades data for guidance and finance, the project unlocks coordinated, funded action across global value chains. That two-way exchange, providing enterprises with defensible Scope 3 assurance while giving SMEs clear, cost-aware pathways to reduce emissions, is the lever that turns Scope-3 obligations into commercial and environmental outcomes.

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