Using MET to Report and Reduce Forestry Supply Chain Emissions

Project Background

Sustainable Timber Tasmania (STT) is one of the largest Tasmanian forestry companies, harvesting around 1.5 million tonnes of timber annually, employing more than 150 staff and engaging several hundred contractors along the supply chain.

The company wanted to better understand their supply chain emissions and needed a tool to facilitate emission reporting.

Foresion was engaged to model supply chain emissions in line with the GHG protocol guidelines and develop a tool to streamline emission reporting.

Emissions Reporting Challenges

The project team faced several challenges: although the organisation was data rich, it was not clear from the onset which data would support a detailed and accurate emissions estimations.

Establishing the emission reporting boundary was a complex task due to the extensive web of contractors and organisations involved in the supply chain. Even if data were collected elsewhere in the supply chain, the data were not necessarily available for the organisation.

"Foresion clearly understood the project brief to develop a fit for purpose emissions reporting tool that is integrated with our systems and is easy to use and customise"

Shaun Suitor, Natural Capital Manager,
Sustainable Timber Tasmania

MET - A Robust and Intuitive Emission Reporting Tool

The solution was MET a robust and intuitive Excel-based tool that automatically processed truck delivery, harvesting, vehicle and helicopter usage data from the company's business intelligence software and provided a detailed snapshot of emissions in key supply chain sectors, across Scopes 1, 2 and 3 of the GHG protocol guidance.

The tool also tracked operational cost drivers, mainly fuel used, transportation distances. This directed the attention of the senior management team towards potential operational efficiency and cost reduction measures.

Streamlining Reporting and Identifying Emissions Reduction and Operational Efficiency Measures

The result was not only a tool that reduced the time required to fulfill reporting requirements but also provided the opportunity to identify measures to reduce emissions, operational costs and track the impact of efficiency improvement measures.

Emissions Sources and Opportunities for Emissions Reduction

How can you track and reduce your supply chain emissions? Get in touch with our team today

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