

CASE STUDY

Morrison Hershfield



Customer **Morrison Hershfield**

Industry **Engineering Services**

Location **CA**

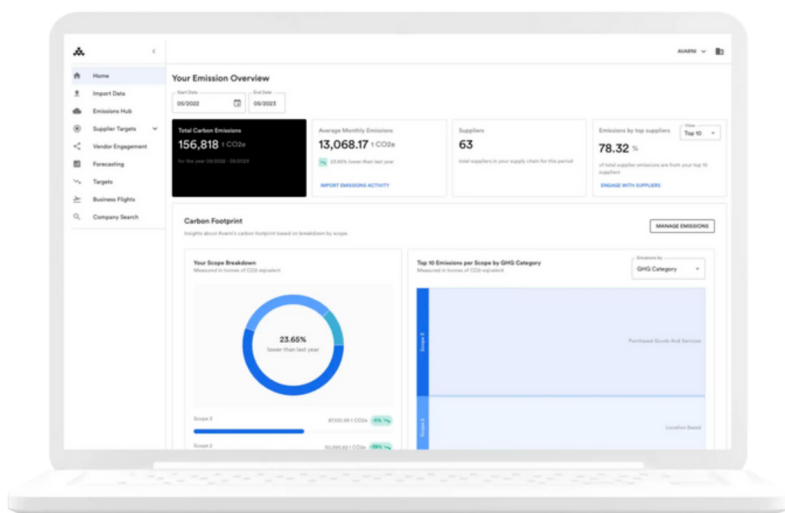
SUSTAINABILITY OBJECTIVES

- Produce a more comprehensive ESG report
- Report Scope 1-3 emissions
- Set a strategy to validate SBTi

SOLUTIONS

Carbon reporting

- Automated Scope 1-3 emissions calculations across global organisation
- Calculated Scope 3 emissions for the first time, for the following scope 3 categories:
 - *Purchased Goods and Services*
 - *Employee Commute* (previously estimates)
 - *Business Travel*
- Identified emissions across organisation hierarchy



CHALLENGES

- Manual (Excel-based) emissions calculations across multiple spreadsheets
- No single source of truth
- Scope 3 emissions not previously calculated

ABOUT MORRISON HERSHFIELD

Morrison Hershfield is an employee-owned professional services firm providing engineering and management consulting services in the areas of energy and industrial, buildings, technology and telecom, transportation, environment, water and wastewater, and land development.

The firm has 16 offices across North America.

Morrison Hershfield

OUTCOMES



Calculated and reported Scope 3 emissions for the first time



Automated the calculation of Scope 1-3 emissions

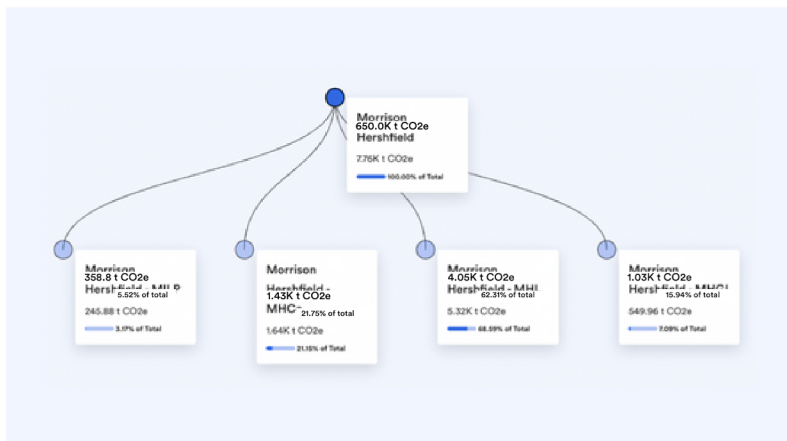


Produced an emissions breakdown by organisation, to highlight the most carbon-intensive operations and help identify abatement opportunities



Enabled Morrison Hershfield to produce their **most comprehensive ESG report** to date

Key Emission Drivers by Organisation
Measured in tonnes of CO₂-equivalent



Avarni produced an emissions breakdown by organisation.

Note: for data privacy reasons, this is a sample screenshot using placeholder data.



Avarni's automation software enabled us to easily assemble data that had been previously distributed across multiple spreadsheets and sources, and facilitated a robust analysis of our Scope 1, 2 and 3 emissions.

Their extensive technical knowledge of the greenhouse gas emissions and reductions space and their technology platform provided excellent insight into our current emissions profile so that we can set meaningful reduction targets for the future.

– Robert Selby, Chief Technical & Risk Management Officer at Morrison Hershfield

STATS

- **90%** of emissions are derived from Scope 3
- **67%** of emissions are derived from *Purchased Goods and Services* (supply chain emissions)
- **28%** reduction in *Employee Commuting* emissions
- **37%** reduction in emissions per employee (Scope 1 & 2)