FY2022 GHG EMISSIONS

Menzies

- ✓ Reporting to CDP
- ✓ Set a science-based target
- ✓ Working on reduction initiatives

Total emissions
Tonnes of carbon dioxide equivalent
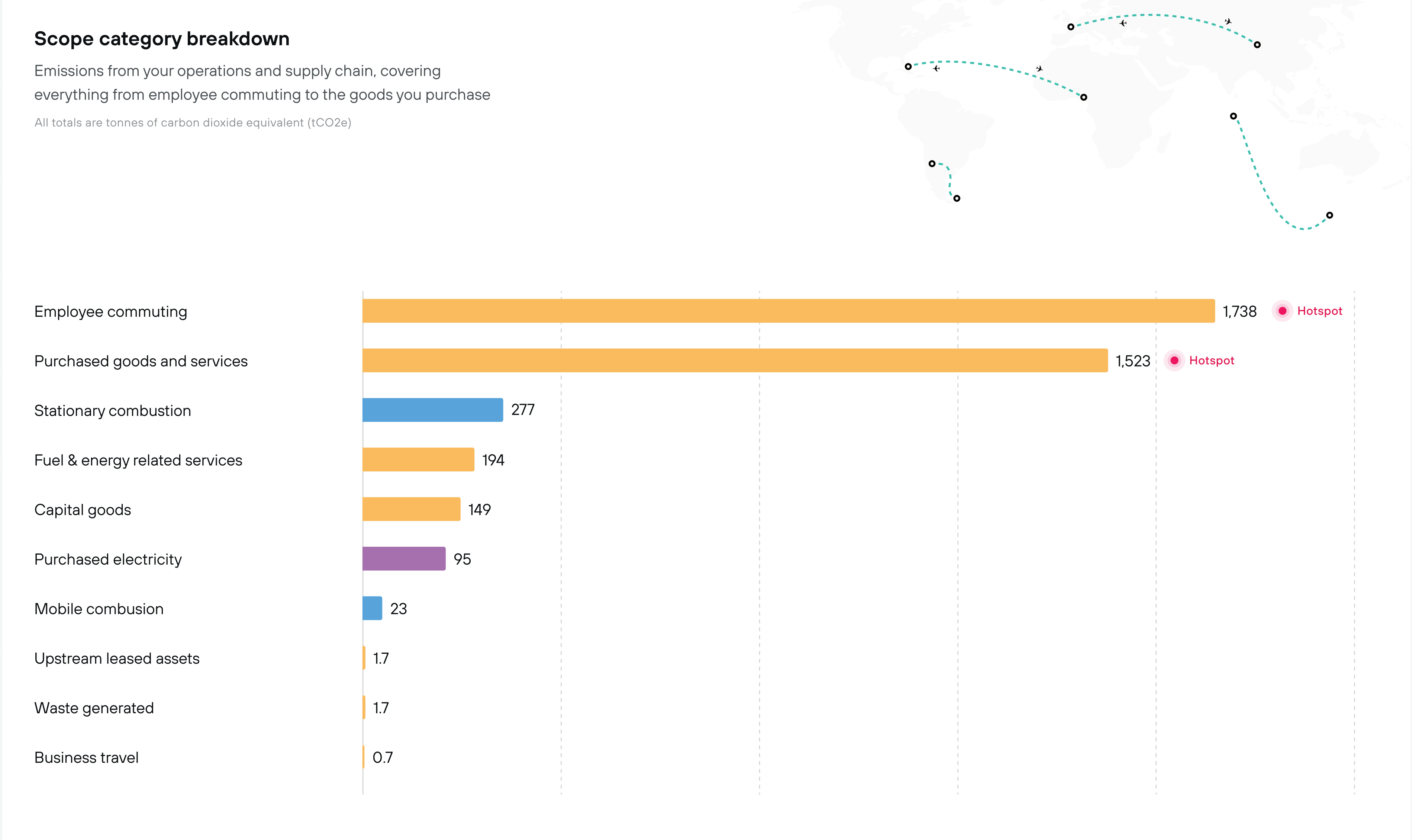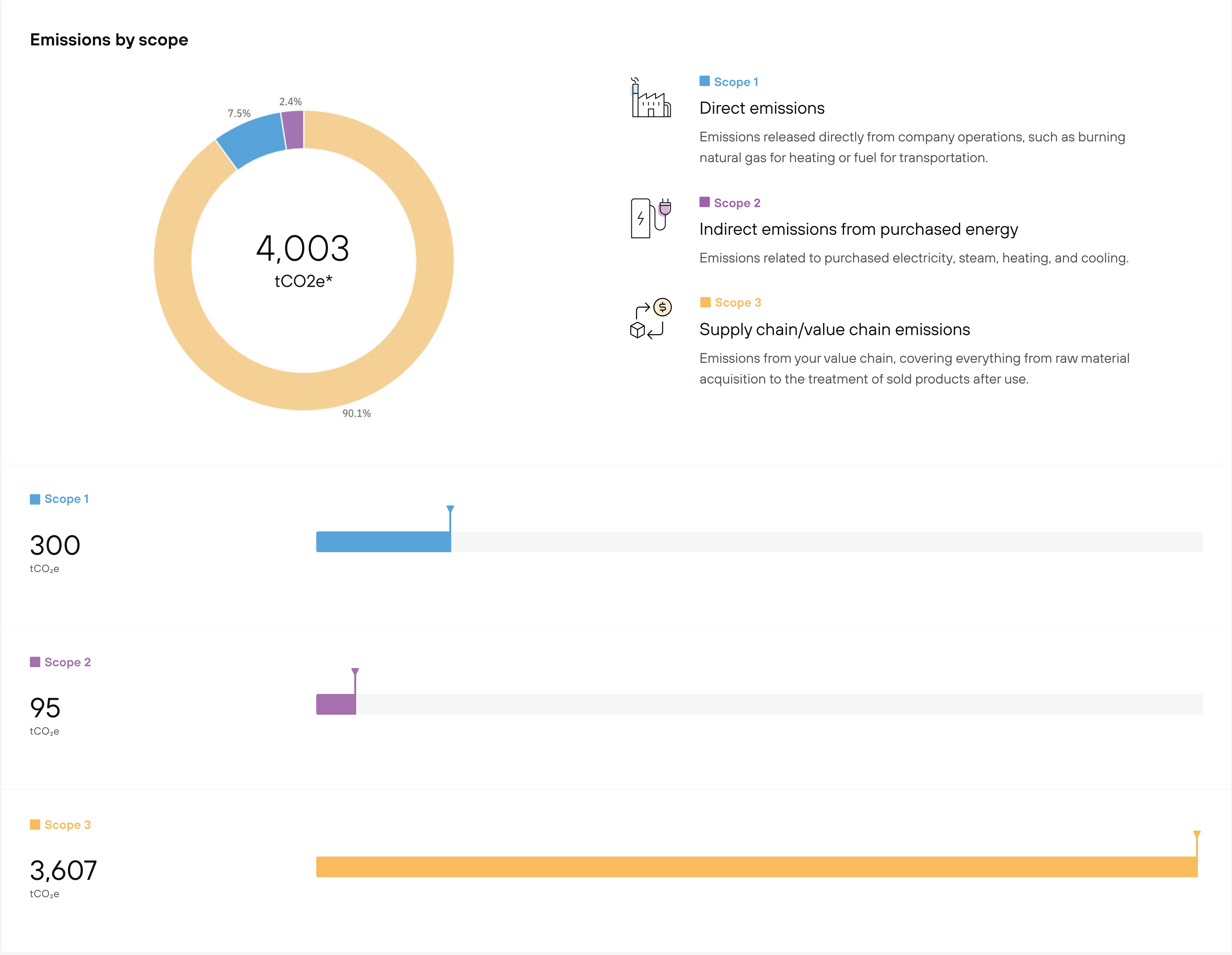
4,003
tCO₂e*

Emissions intensity
kg of carbon dioxide equivalent

0.04
kgCO2e/AUD$*

Emissions by scope

7.5%   2.4%

4,003
tCO2e*

90.1%

■ Scope 1
Direct emissions
Emissions released directly from company operations, such as burning natural gas for heating or fuel for transportation.

■ Scope 2
Indirect emissions from purchased energy
Emissions related to purchased electricity, steam, heating, and cooling.

■ Scope 3
Supply chain/value chain emissions
Emissions from your value chain, covering everything from raw material acquisition to the treatment of sold products after use.

■ Scope 1
300
tCO₂e

■ Scope 2
95
tCO₂e

■ Scope 3
3,607
tCO₂e

Scope category breakdown

Emissions from your operations and supply chain, covering everything from employee commuting to the goods you purchase

All totals are tonnes of carbon dioxide equivalent (tCO2e)

Category	Value	
Employee commuting	1,738	● Hotspot
Purchased goods and services	1,523	● Hotspot
Stationary combustion	277	
Fuel & energy related services	194	
Capital goods	149	
Purchased electricity	95	
Mobile combusion	23	
Upstream leased assets	1.7	
Waste generated	1.7	
Business travel	0.7	

Methodology and data quality

Scope 1
Direct emissions

Data quality	Results accuracy
Average	Average

Improvements
Providing primary data for all facilities and quantities of fuels consumed would increase the accuracy of your Scope 1 emissions by allowing us to calculate using the more accurate average-data method.

Data source	Primary data + modelled
Calculation method	Average-data + modelled
Calculated by	Emitwise

Scope 2
Indirect emissions from purchased energy

Data quality	Results accuracy
Good	Good

Improvements
Providing the total kWh of electricity consumed and your energy suppliers would increase the accuracy of your Scope 2 emissions by allowing us to calculate using the more accurate market-based method.

Data source	Primary data
Calculation method	Average-data
Calculated by	Emitwise

Scope 3
Supply chain/value chain emissions

Data quality	Results accuracy
Average	Average

Improvements
Moving beyond spend data and providing information on the quantities of products purchased will increase the accuracy of your Scope 3 emissions.

Data source	Primary data
Calculation method	Spend-based
Calculated by	Emitwise

Example carbon reduction initiatives

Switch to 100% renewable energy
In progress

Scopes impacted	2
Difficulty	Low
Cost range	$

Transition your fleet to electric vehicles
Recommendation

Scopes impacted	1, 2
Difficulty	High
Cost range	$$$

Implement an air travel policy
Recommendation

Scopes impacted	3
Difficulty	Low
Cost range	$

Work with Emitwise to identify more reduction initiatives →

Emitwise®
Working together to help you reach Net Zero