

# GHG Protocol: Scope 1 / 2 / 3 Summary

The Greenhouse Gas (GHG) Protocol categorizes emissions into three scopes:

- Scope 1: Direct emissions from owned or controlled sources
- Scope 2: Indirect emissions from the generation of purchased electricity, steam, heating and cooling
- Scope 3: All other indirect emissions that occur in a company's value chain

## Scope Examples Table

Natural gas boiler on-site	-> Scope 1
Company vehicles (diesel trucks)	-> Scope 1
Purchased electricity for office	-> Scope 2
Centralized heating purchased	-> Scope 2
Business travel (flights, taxis)	-> Scope 3
Employee commuting (own cars)	-> Scope 3
Raw material production	-> Scope 3
Product use by customer	-> Scope 3
End-of-life product disposal	-> Scope 3

## Scope Quiz: Questions and Answers

Q1: Electricity used in your main office	-> Scope 2
Q2: Fuel burned by your company's delivery trucks	-> Scope 1
Q3: Your employees drive their own cars to work	-> Scope 3
Q4: Your customer uses your product at home	-> Scope 3