QUANTIFYING SCOPE 3 EMISSIONS

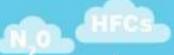
Conall Boland, Senior Consultant, RPS Group 30th May 2023



DEFINING SCOPE 1, 2 AND 3 EMISSIONS













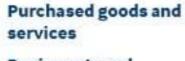
Fuel combustion Company vehicles Fugitive emissions

SCOPE



Purchased electricity, heat and steam

SCOPE



Business travel

Employee commuting Waste disposal Use of sold products

Transportation and distribution (up-and downstream)

Investments

Leased assets and franchises

SCOPE



Well defined. Already measured. Relatively straightforward to collect data and report.



Companies normally have a high level of control on Scope 1 and Scope 2 emissions.



Decarbonisation strategy can be developed

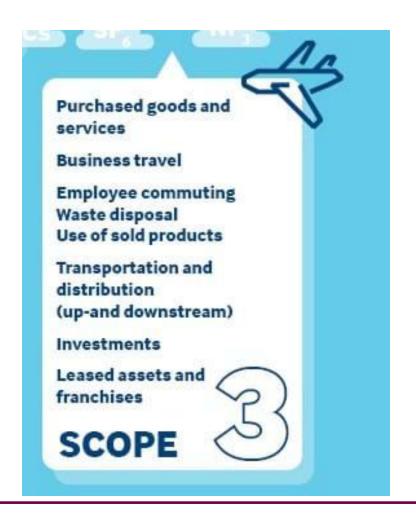
Companies have a **limited level of** control on Scope 3 emissions.



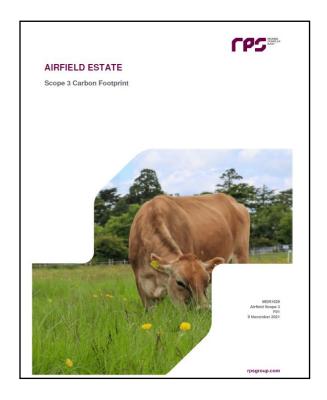
Ability to influence varies from category to category



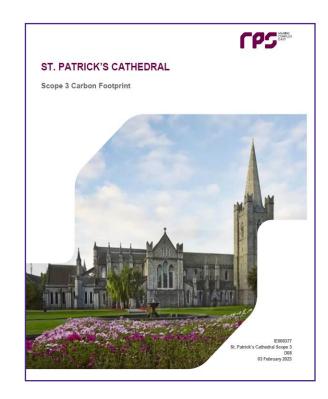
Decarbonisation strategy not so straightforward Limitations on data, not always well understood. Messy.



Recent Scope 3 related projects across various Sectors



Airfield Estates



St. Patrick's Cathedral



Construction sector clients

Hierarchy

Quantifying Scope 3 emissions is challenging.

Consistent level of confidence

Data across all 15 categories

Data is reasonably reliable

Data exists

Why are we quantifying Scope 3 emissions in the first place?

Examples of Scope 3 emission reduction – supply chain considerations







Materials

- What is the carbon intensity?
- Can we use less?
- Are there alternative materials with a lower footprint?

Logistics

- What modes of transport are used?
- Is there a decarbonisation pathway?
- Are there alternatives?

Investments

- What are the carbon impacts of the funds we are investing in?
- Are there alternatives?

Advice for Scope 3 Greenhouse gas inventory development

- Don't wait any longer to get started.
- Start with a high-level Scoping exercise:
 - Prioritisation of effort
 - A focussed use of resources.
- Set a realistic time frame to improve understanding.
- Scope 3 emissions reduction will increasingly influence Company strategy.



THANK YOU

 Conall Boland, Senior Consultant, RPS Group

Conall.Boland@rpsgroup.com