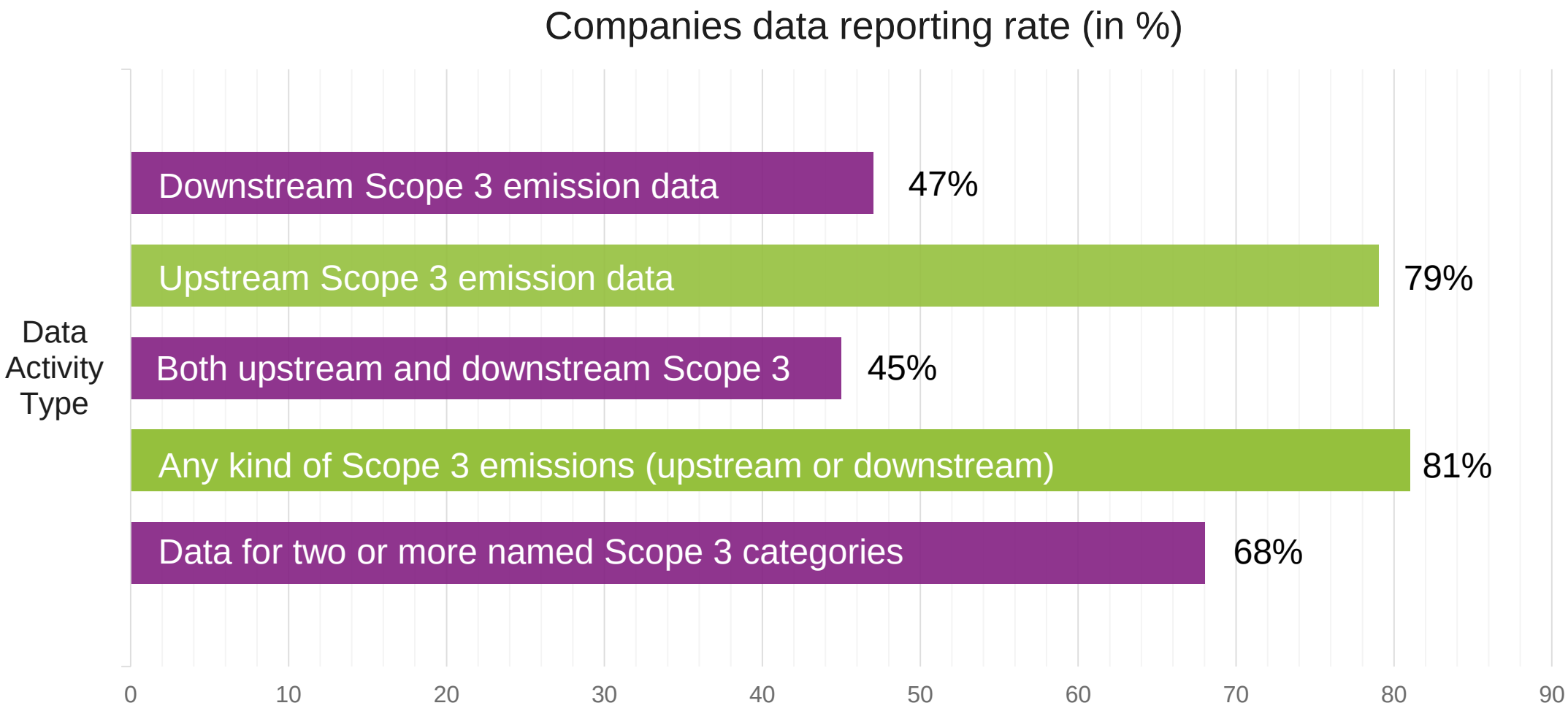
Bringing it together

Tool-based integration of Scope 3 & more

April 17 2018
Jan Poulsen, CEO

Status of Scope 3 Reporting

CDP European Report 2017



Status of Scope 3 Reporting

Key Scope 3 Reporting Challenges:

- identify Scope 3 emissions that are most important to business
- access the data related to the material categories
- assess the business value of reporting Scope 3 emissions

Corporate Value Chain - on a Product Basis

	Materials	Production	Manufacturing	Transport	Use	EOL
Product 1						
Product 2						
Product 3						

Carbon Footprint – Scope 1, 2 & 3

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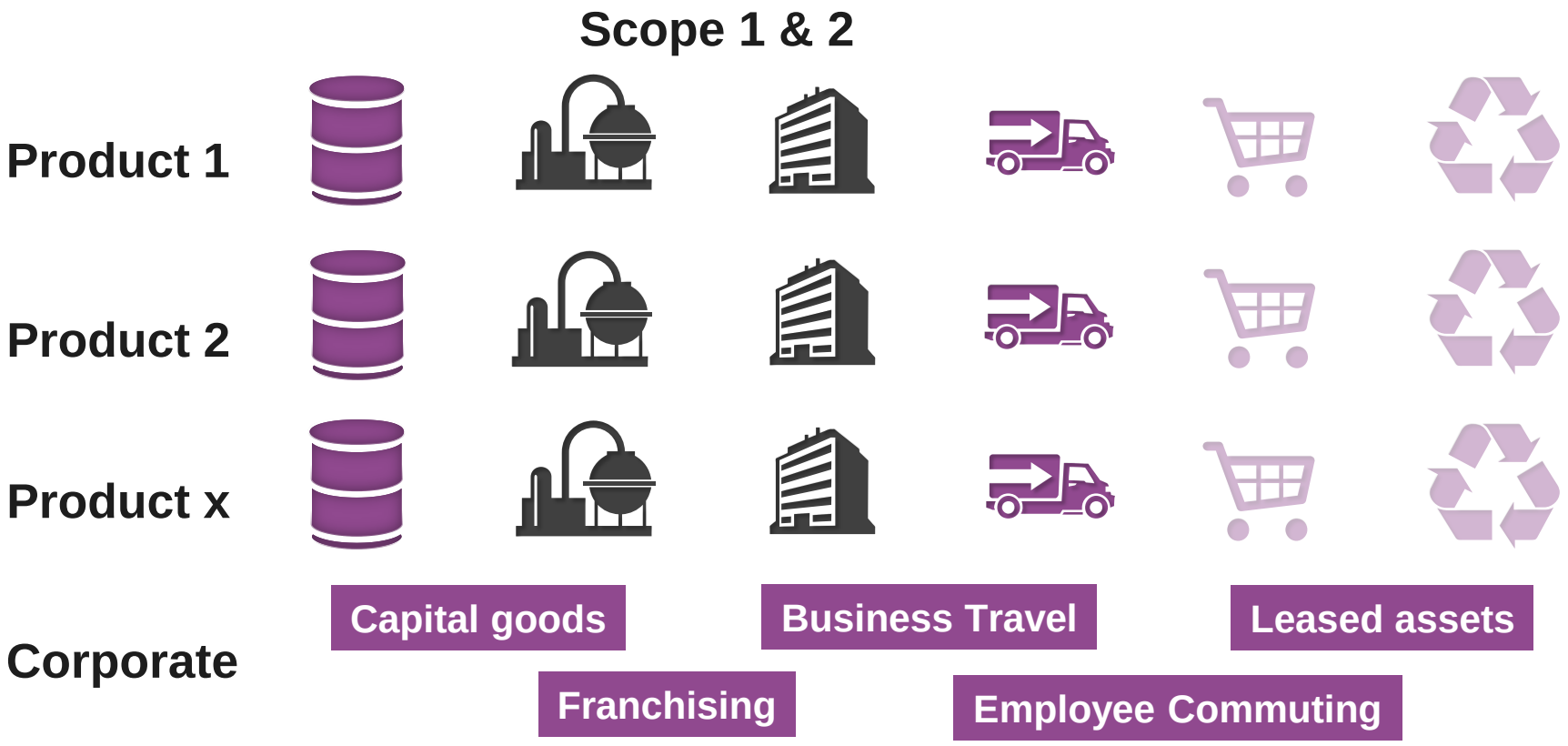
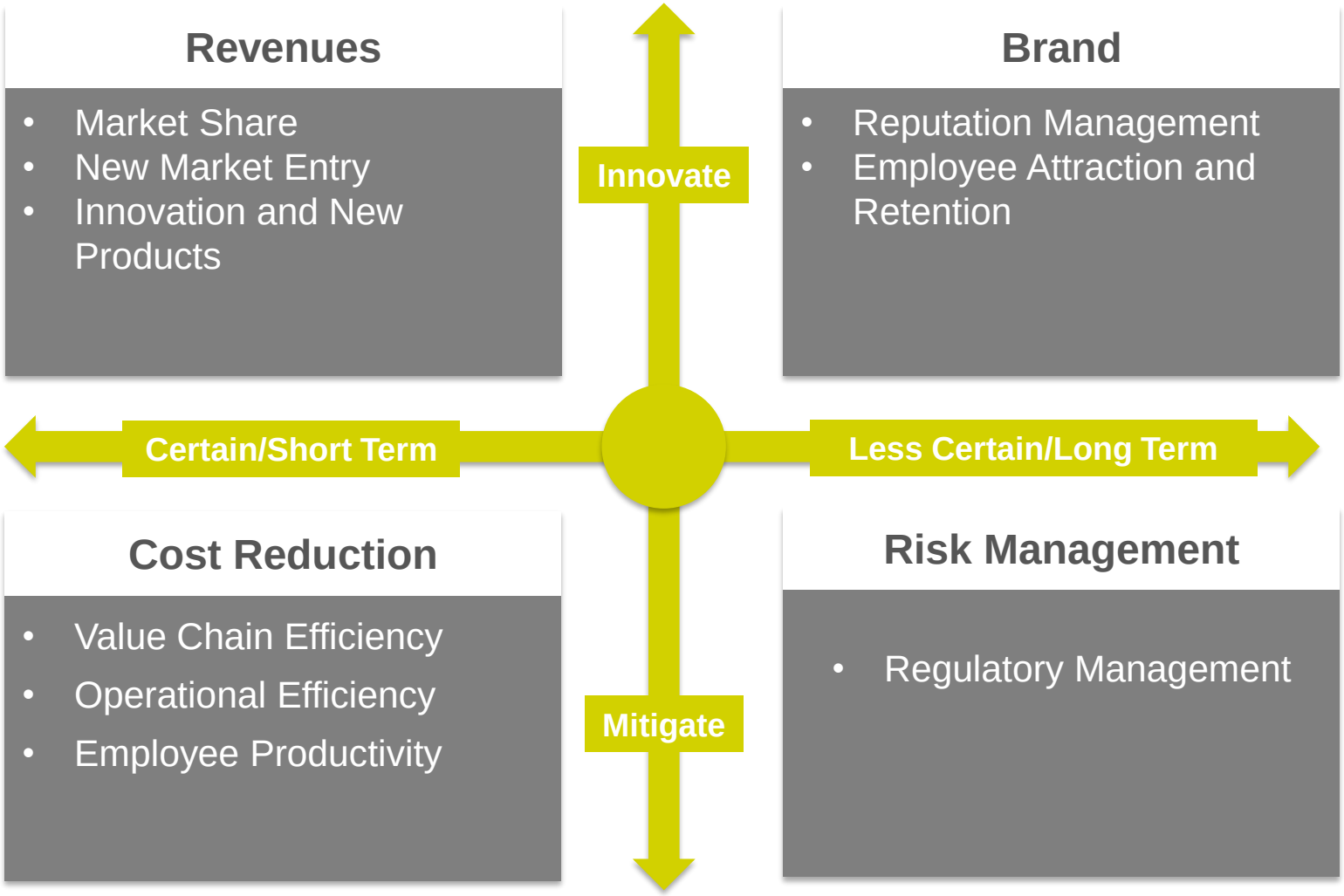


1. Sustainability Value Framework



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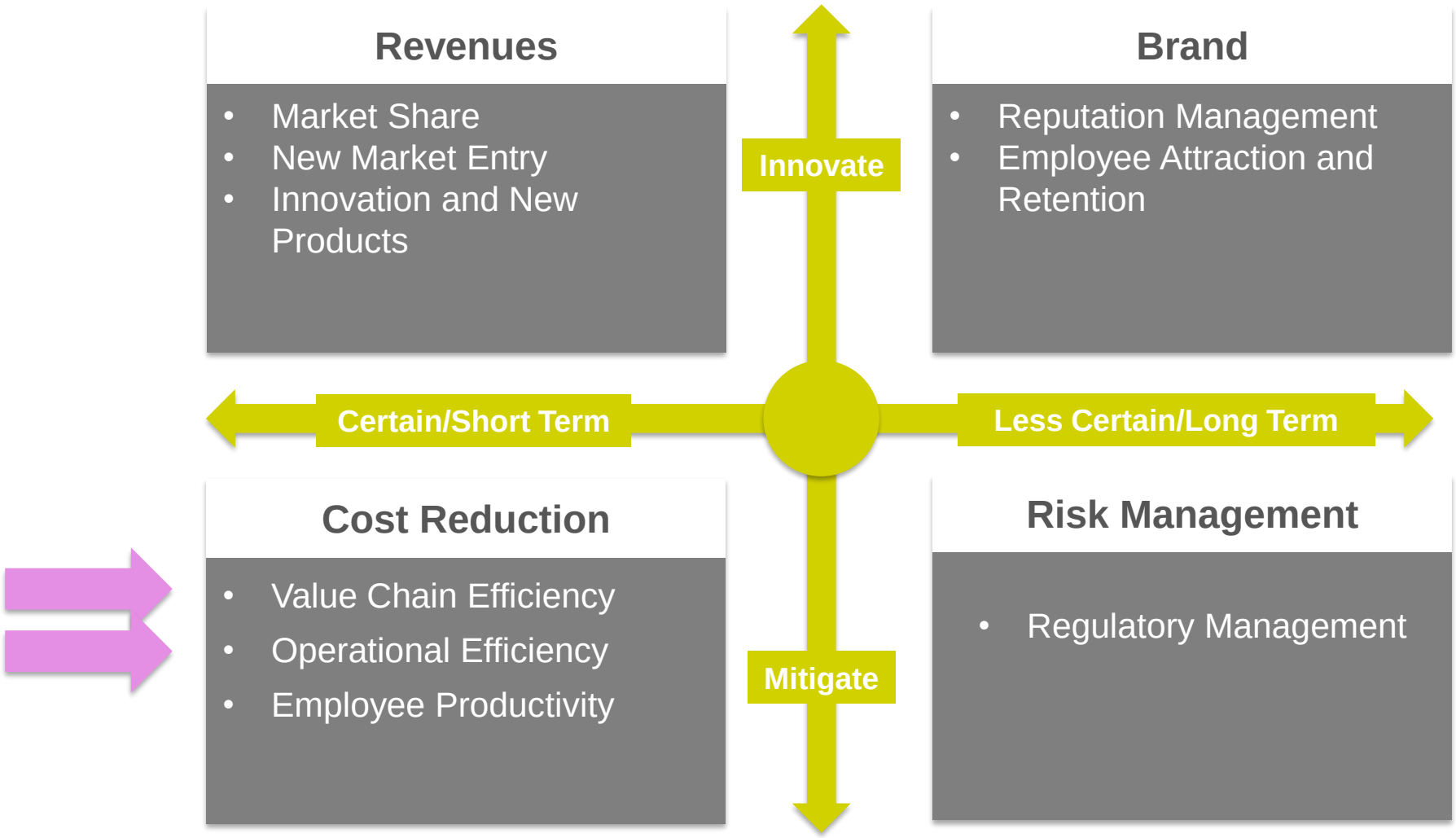

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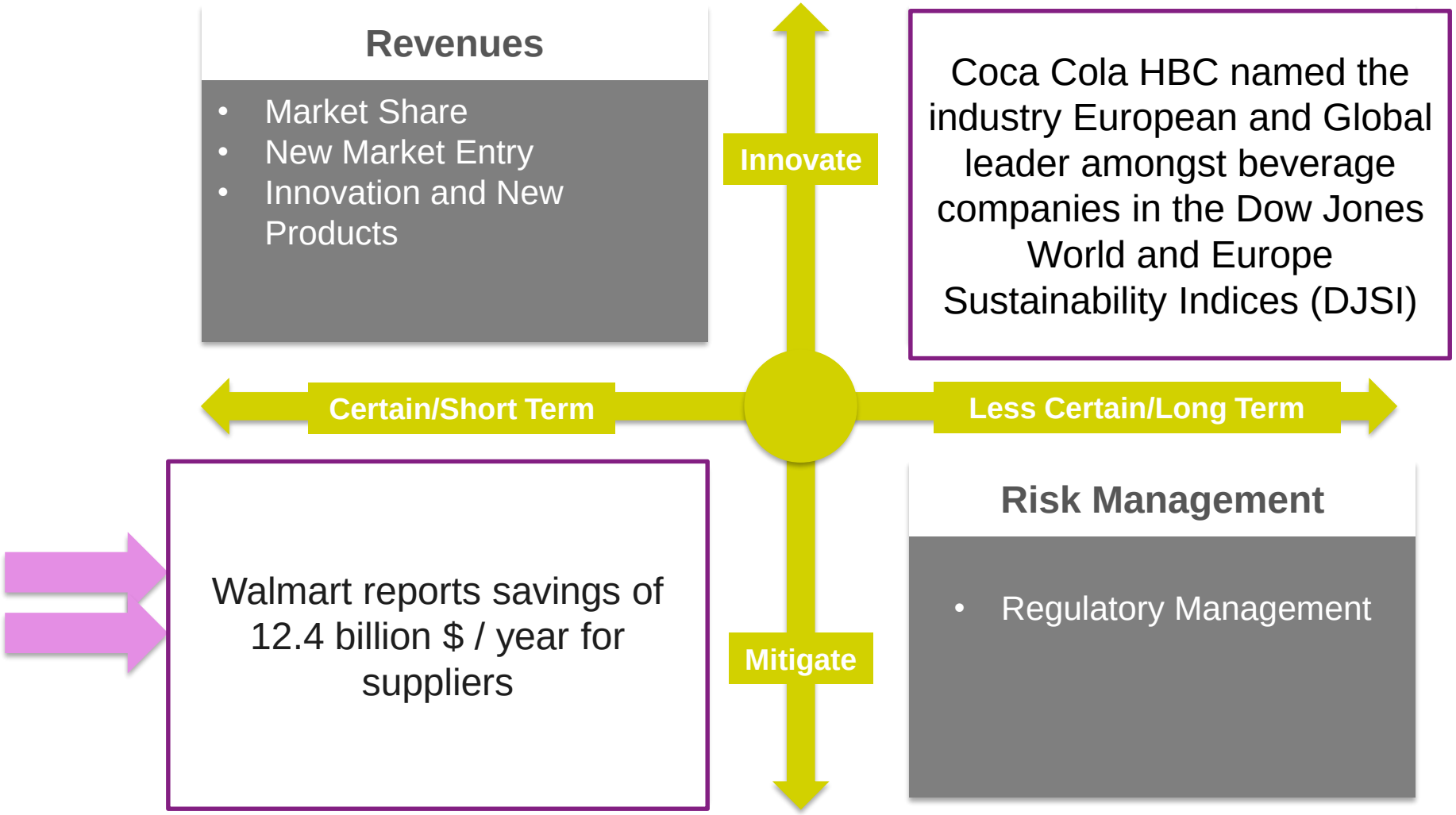

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Collect what Matters!

“Research showed that only a quarter of companies are performing materiality assessments of their Scope 3 emissions, suggesting that in many cases the reported Scope 3 categories may be the ones that are the most readily available, rather than those which are most significant within the business.”

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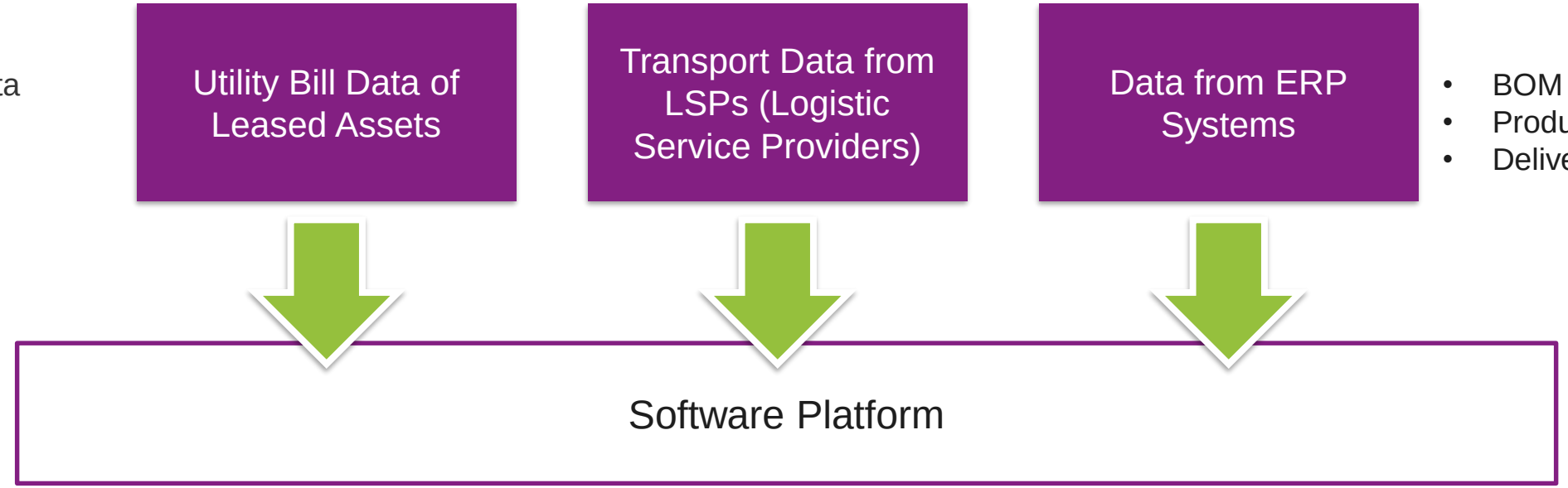
Examples of Data Sources for Scope 3 Reporting



- BOM Products,
- Production orders,
- Delivery Orders

Bringing it together: Scope 3 Accounting and Reporting Steps

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Data

- Purchased materials
- **Unit:** e.g. kg of products
- **Types:** different product and production types

Emission Factors

- GaBi or ecoinvent DB Emission Factors per raw material
- **Unit:** kg CO2 eq.

Processing

- Processing information (efficiency, transportation, etc.)
- **Various units**
- **Goal:** to calculate env. profile of the entire company.
- Interested in a breakdown per product (allocation requested)

IMPORTANT
thinkstep can help creating new Emission factors on demand

- ✓ Change of country of production (diff. transportation, farming, etc.)
- ✓ Different production technologies
- ✓ Different materials

Bringing it together – GaBi Emission Factors

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thinkstep GaBi

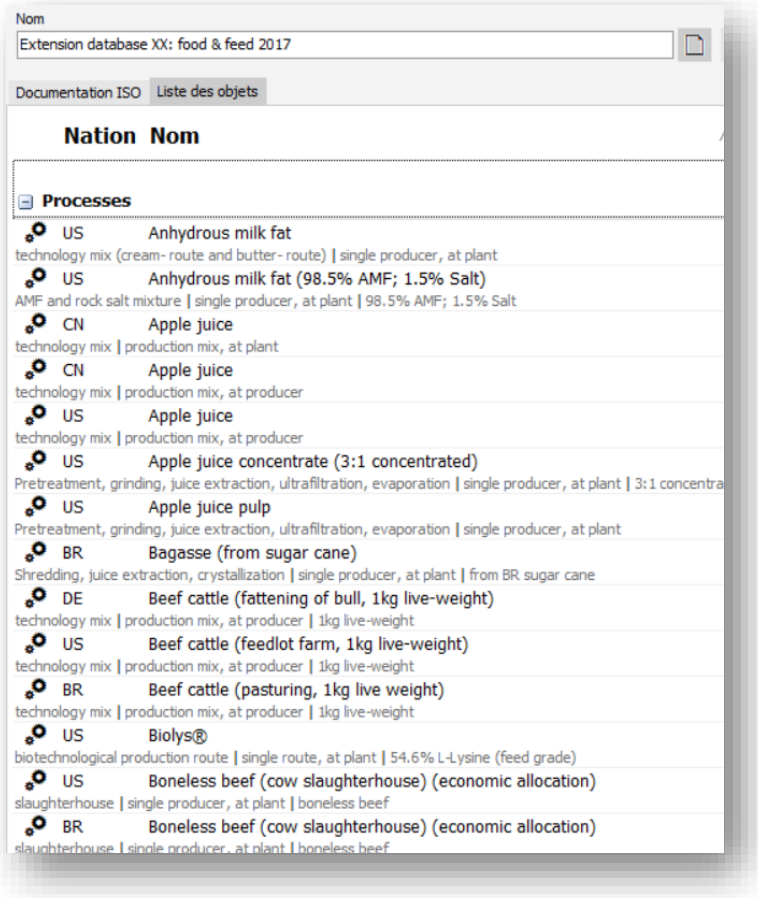
Emission factors for raw materials and products taking into account:

- Various production chains,
- Production countries,
- Transportation modes,
- Packaging & EoL

Emission factors for GWP (CO2 eq.) and other criterias such as acidification, eutrophication etc.

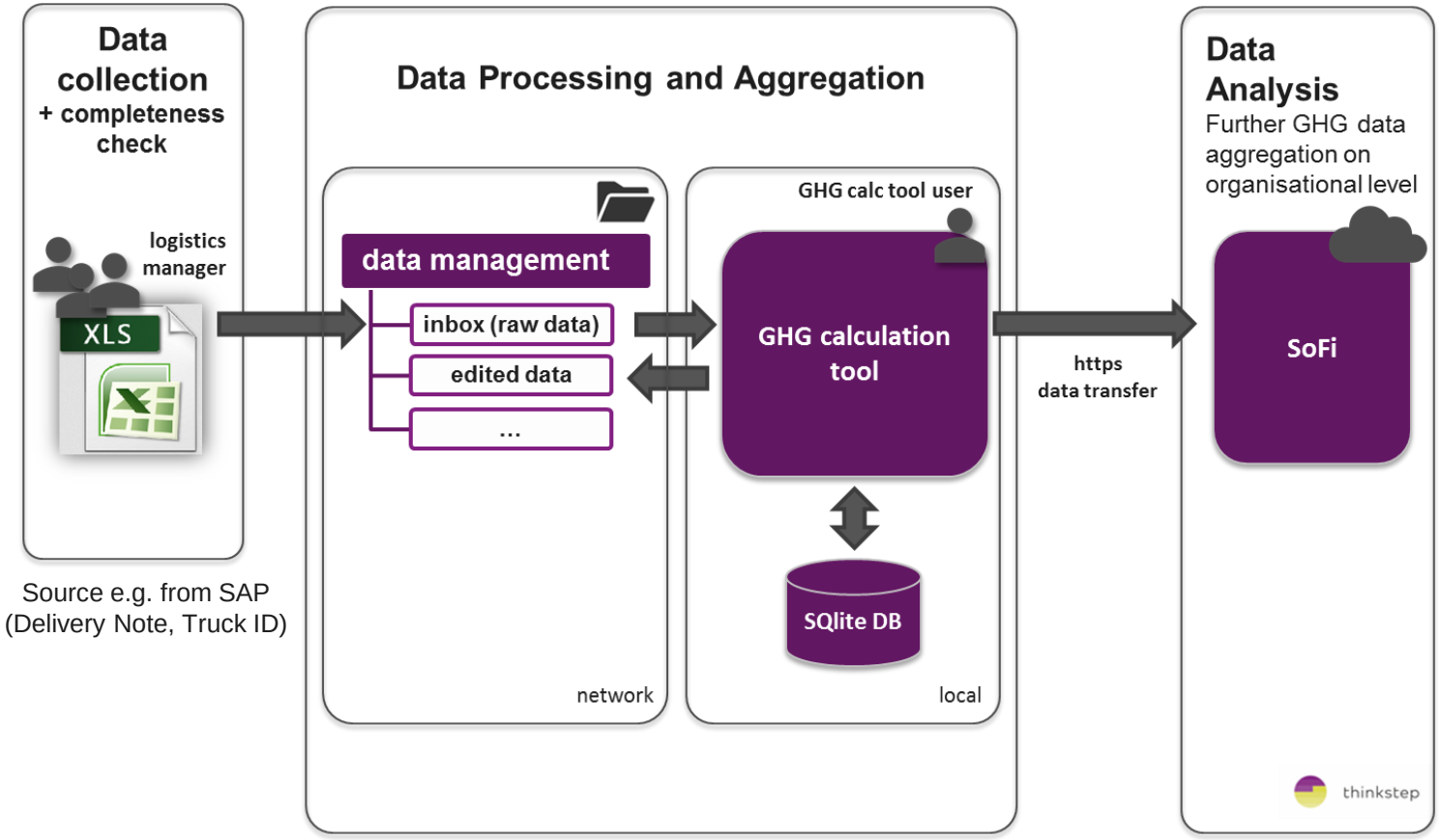
Made by field experts and yearly updated

thinkstep can support companies to **fill any data gap in creating EF of new materials, alternatives.**



Bringing it together – transport emissions

Process overview – example



Key takeaway messages

- More and more companies are reporting Scope 3, but not all of them focus on what matters
- Doing it right can unlock tremendous business value.
- A robust software platform helps overcome the challenges in access to data.

Questions?
Thank you.
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