

# Scope 3 Perspectives of a Data Supplier

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Scope 3 Data in LCA of organisations –  
Between Simplification, Overwhelming and Greenwashing  
Zurich, 07.06.2023



## WHO IS ECOINVENT?

- Publish worlds' broadest background ("secondary") environmental database
- Spin-off from ETH, 25 year history
- Team of 55 experts and a global partner network



## **MISSION DRIVEN**

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- Promote and support the availability of high-quality data
- Compile and review the best available data
- Publish data in a regularly maintained, transparent database and support users





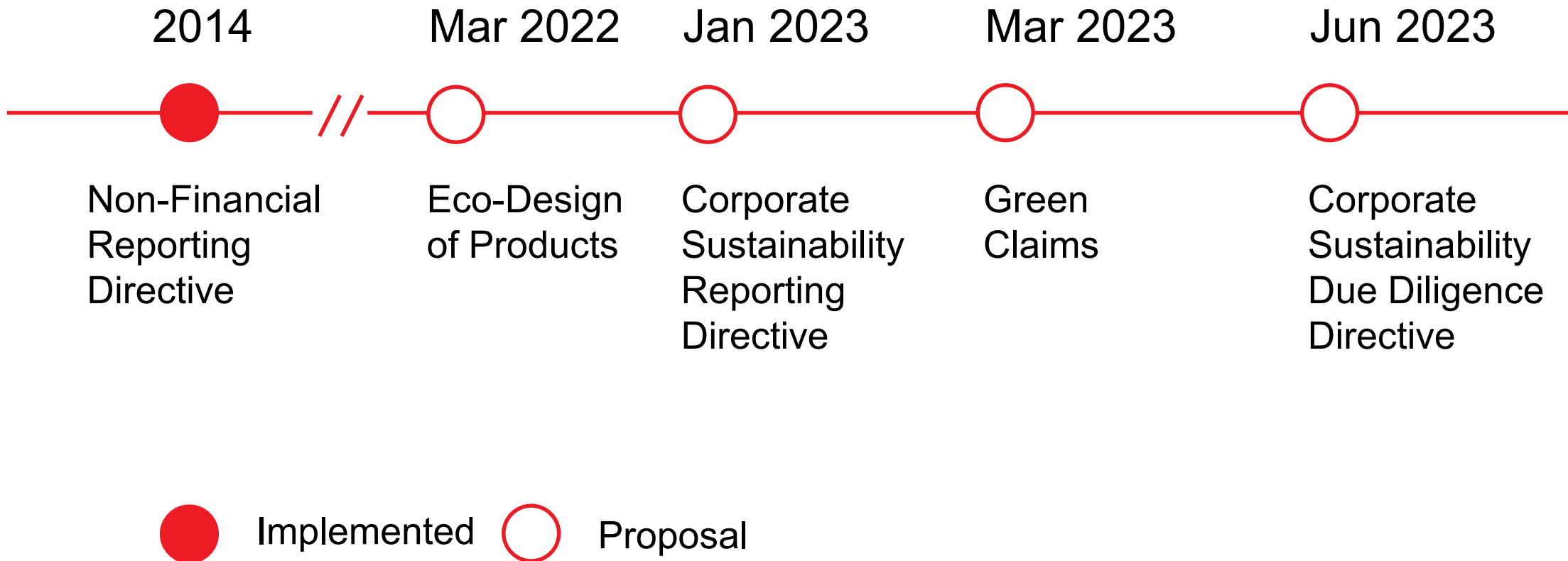
# **MARKET OBSERVATIONS**

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# REGULATORY PRESSURE IS INCREASING





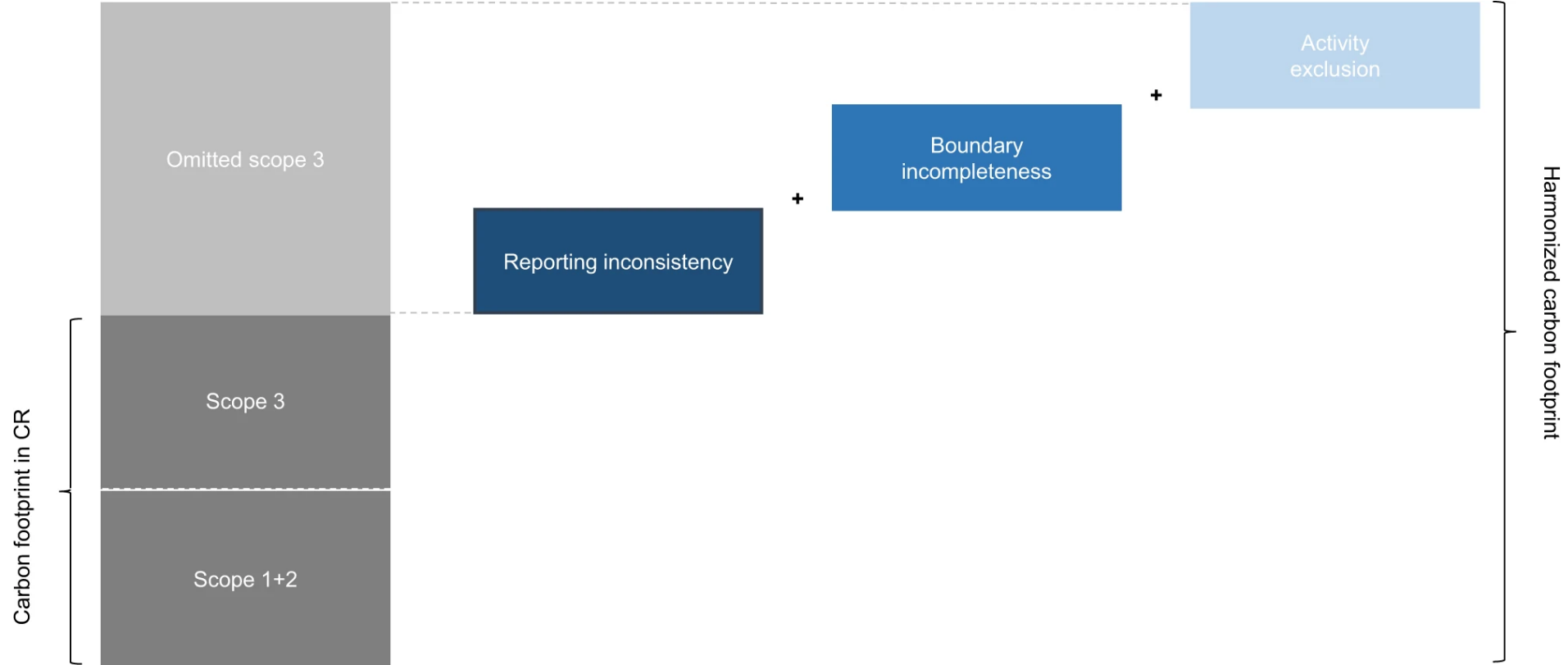
# NEW REGULATIONS: MORE DATA & TRACEABILITY

	# Indicators	Traceable Data
GHG Protocol	1 (GHG)	Y
PEF	16	N
CSRD/DD	16 + x	Y
Green Claims	1 + x	Y

1. Traceability is becoming mandatory
2. Prohibited substances
3. Broader data requirements



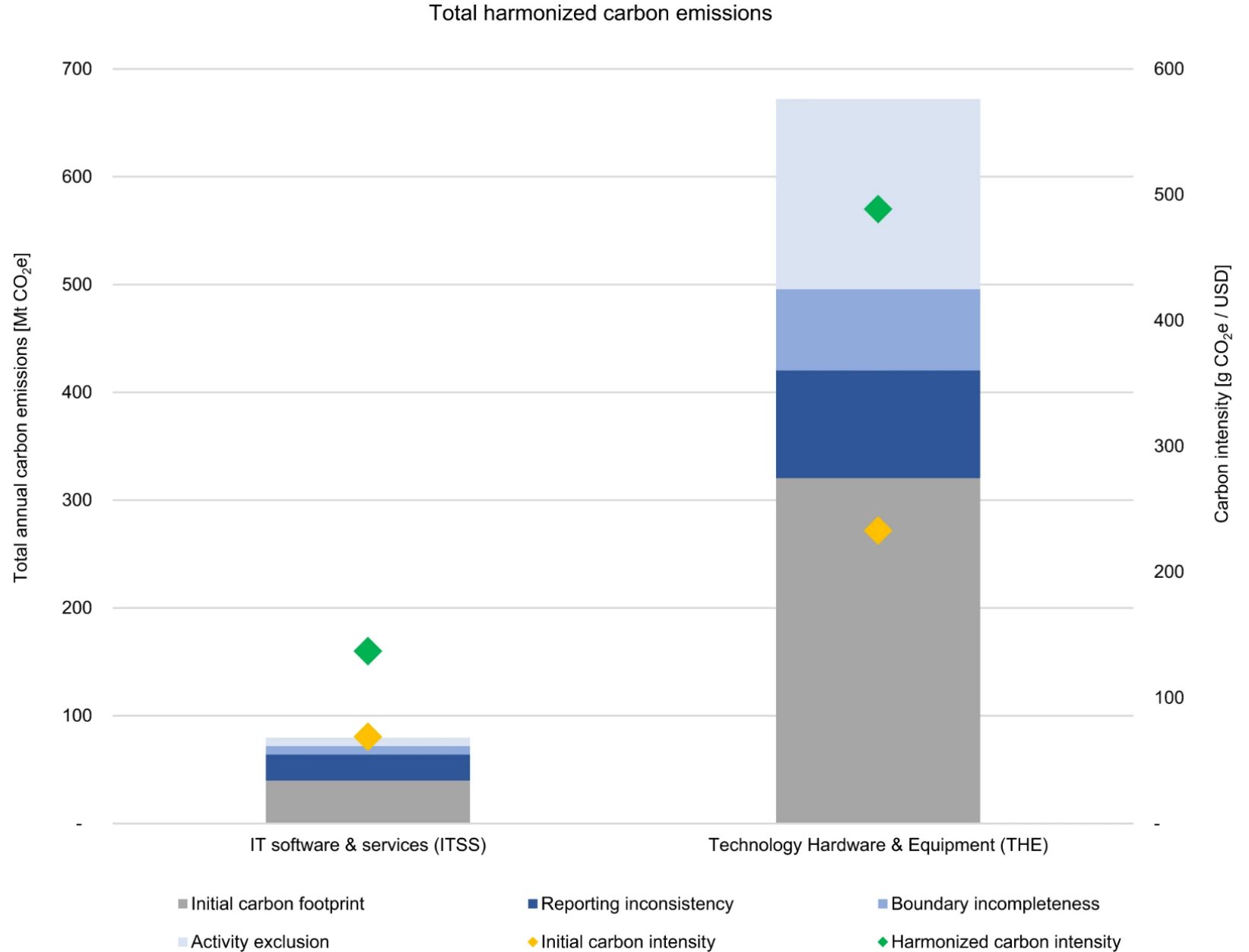
# COMPANIES STRUGGLE TO KNOW WHAT TO MEASURE



Klaaben & Stoll, 2021,  
<https://www.nature.com/articles/s41467-021-26349-x#Tab1>



# FOOTPRINT HARMONISATION



Klaaben & Stoll, 2021,  
<https://www.nature.com/articles/s41467-021-26349-x#Tab1>





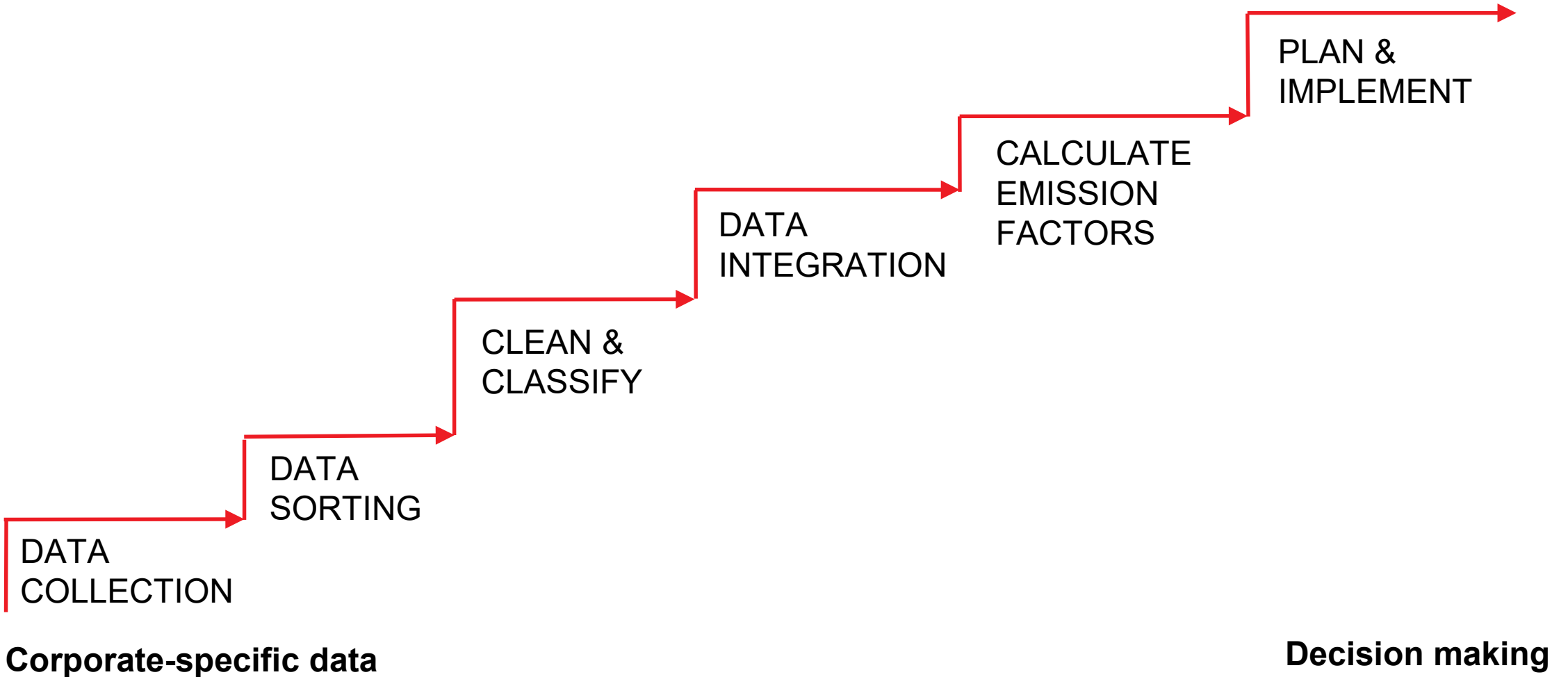
# LIMITATIONS TO SCALING





# SCOPE 3 DATA IMPLEMENTATION

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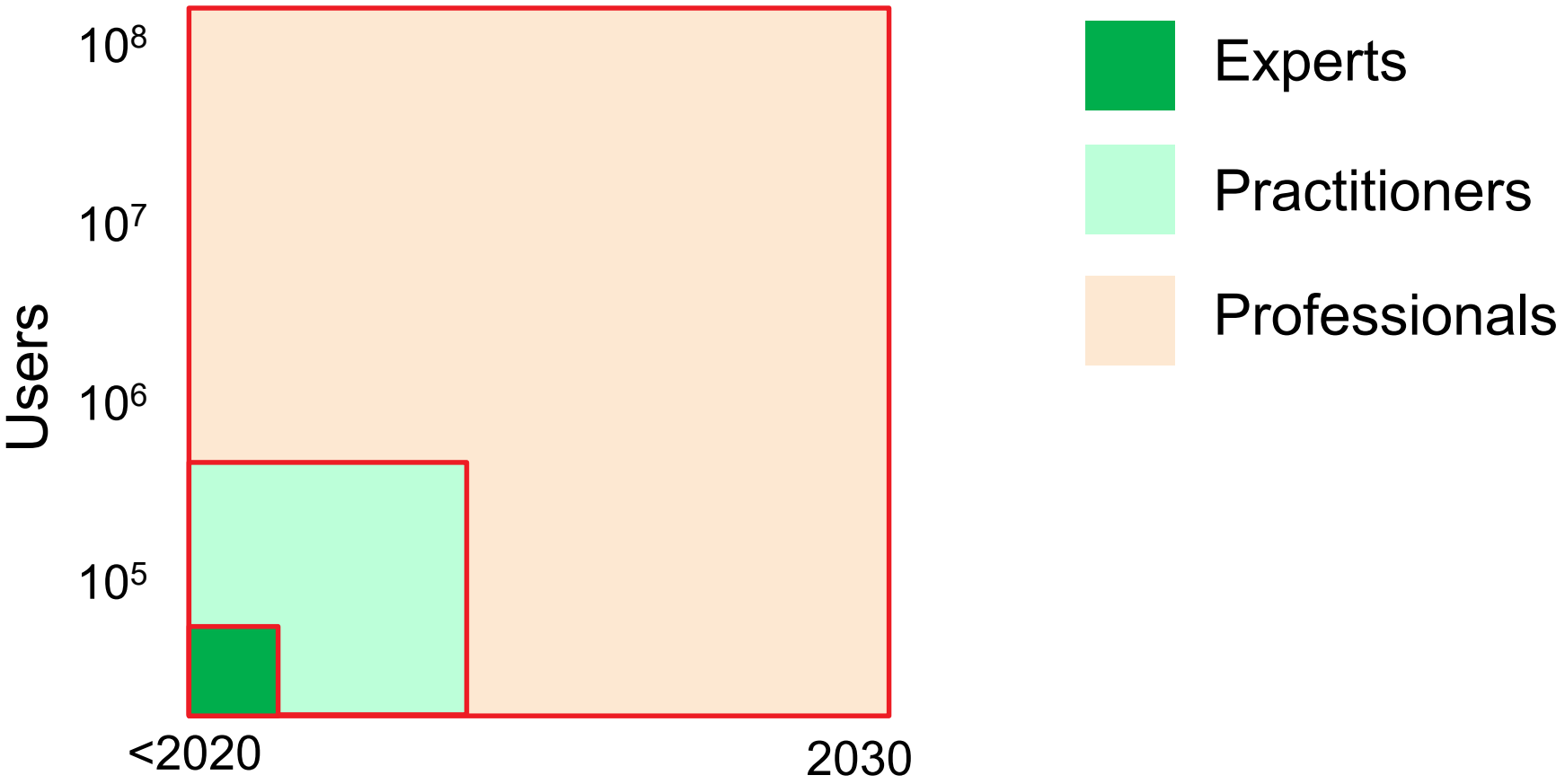
## POP QUIZ ?

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How many LCA experts in the world?



# NUMBER OF DATA USERS IS GROWING





## DATA AVAILABILITY

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**Primary:** measured or audited data, ideally for core value chain activities

Precise approach, but requires high level of expertise and not easily scaled

**Secondary:** averaged data from comparable processes

Confidentiality, data resolution, quantity and quality are limiting factors



## OUR INDUSTRY CHALLENGES

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- Many data formats
- Intransparent quality control
- Data traceability not prioritised
- Data quality guidelines unstable
- Calculation outputs vary depending on software and methods

Imagine if accounting had the same issues?



# **SCALING SCOPE 3**





## **JUST DO IT (GET STARTED)**

- Don't Wait for the Perfect Data!





# DATA MANAGEMENT PROCESS

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Team

Scope

Sources

Methods

Check

Storage

Experts

In / Out

Best  
available

Structure

Quality

Availability





# **COMPANIES SHOULD BUILD UP COMPETENCIES**

- Number of LCA experts is relatively small



## USE SECONDARY DATA

**Primary:** measured or audited data, ideally for core value chain activities

Precise approach, but requires high level of expertise and not easily scaled

**Secondary:** averaged data from comparable processes.

Can be used to represent operating models, identify hotspots and prohibited substances, support decision making and prioritise primary data collection



# SELECTING SECONDARY DATA

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- Transparent & Traceable
- Technically managed & maintained
- Modular & Interoperable - always fit-for-purpose

**A database without technical management is only a repository of independent data.**





# SUMMARY

- Scope 3 key contributor to value chain emission assessment
- Requirements are evolving
- Best available primary & secondary data
- Ensure database is fit for purpose

# Questions?

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