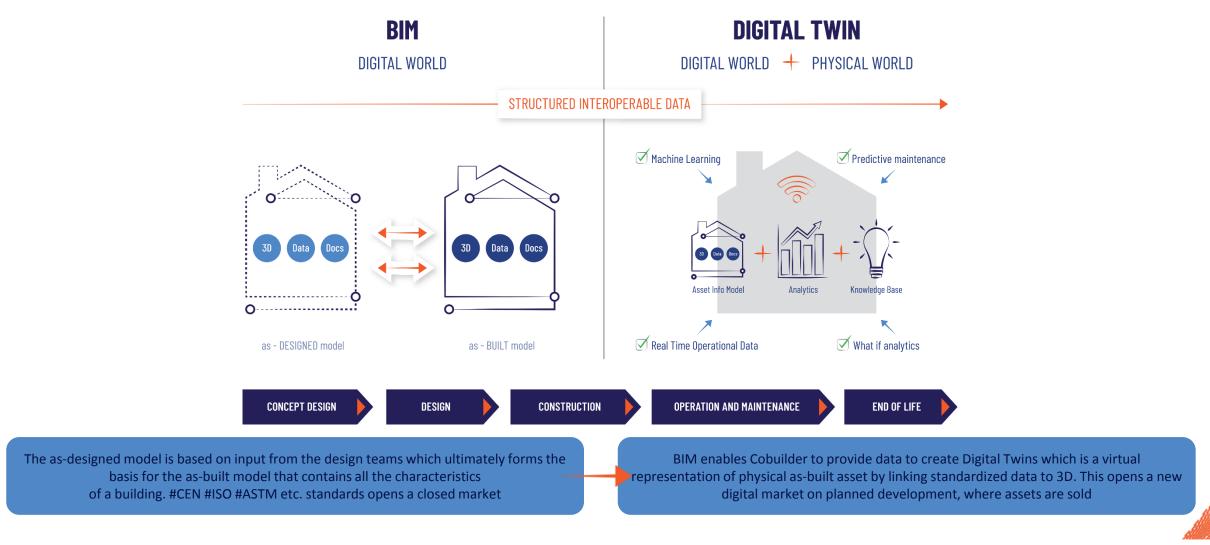
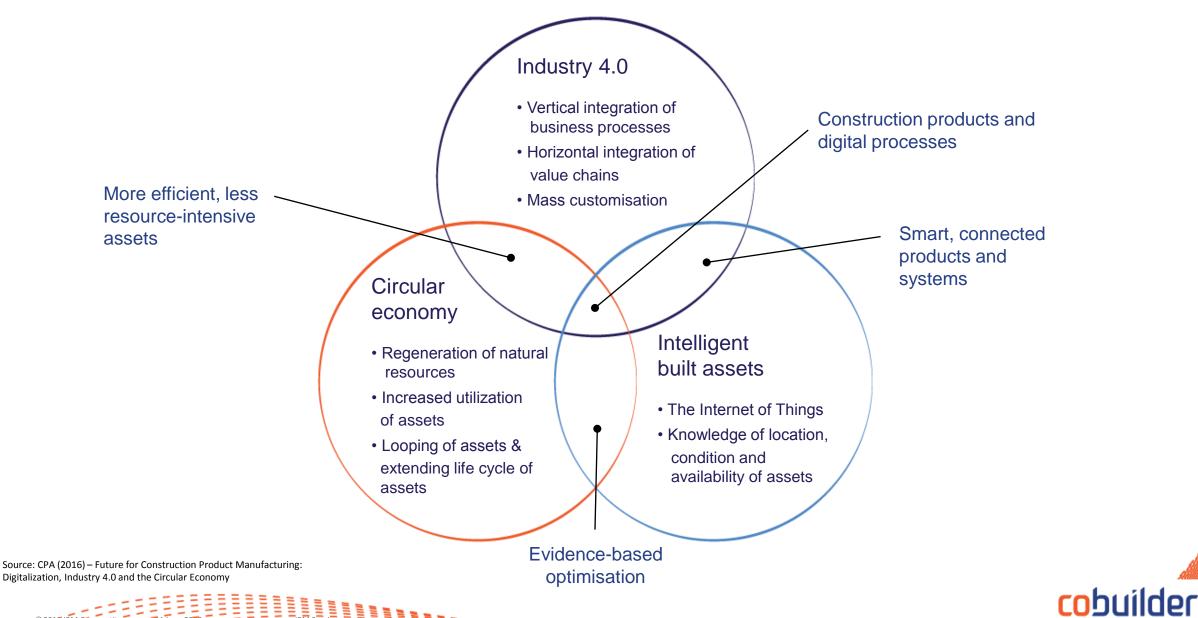
Digital twin - this new digital market is becoming a priority for market actors

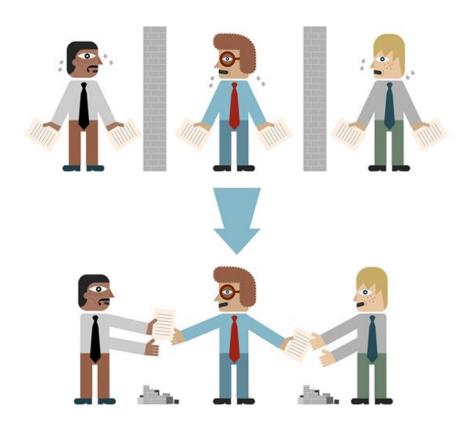




BIM is the digital transformation in the industry. 3 BIG trends

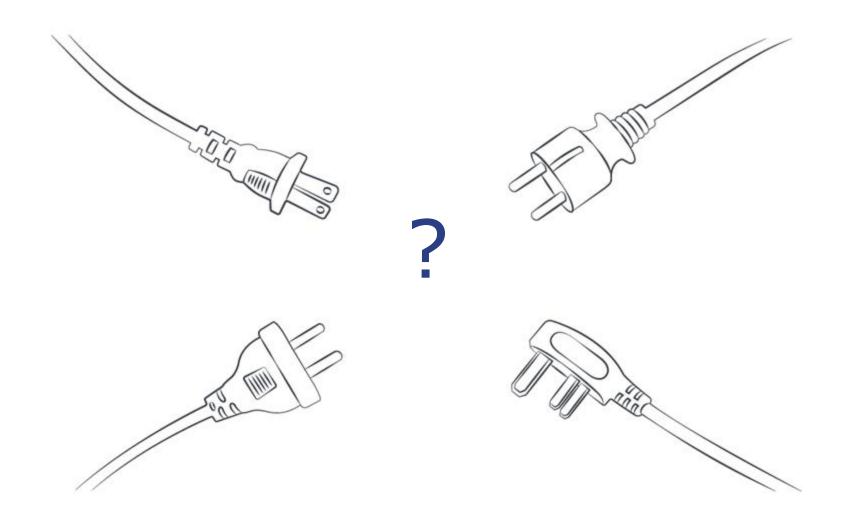


Issue for the industry - Data is kept in silos

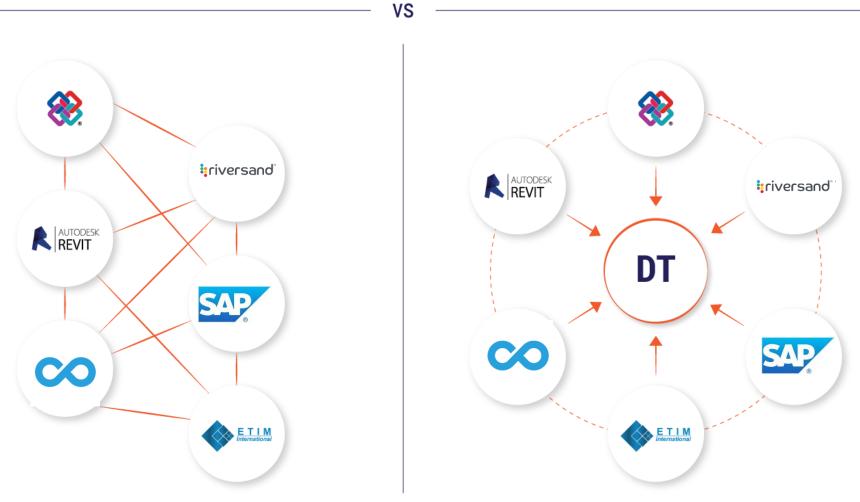




Without standards!



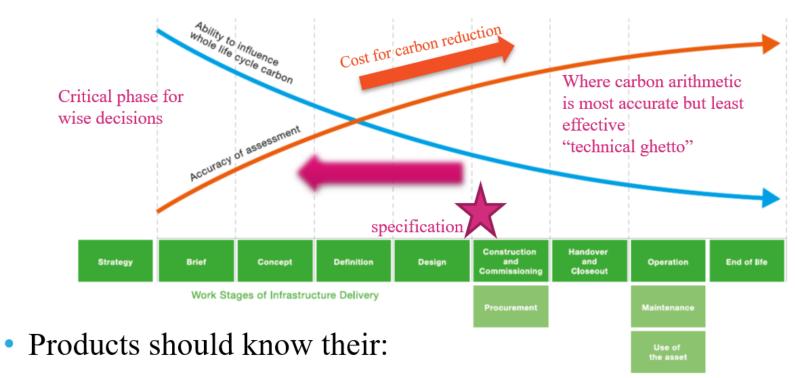
We need a common language!





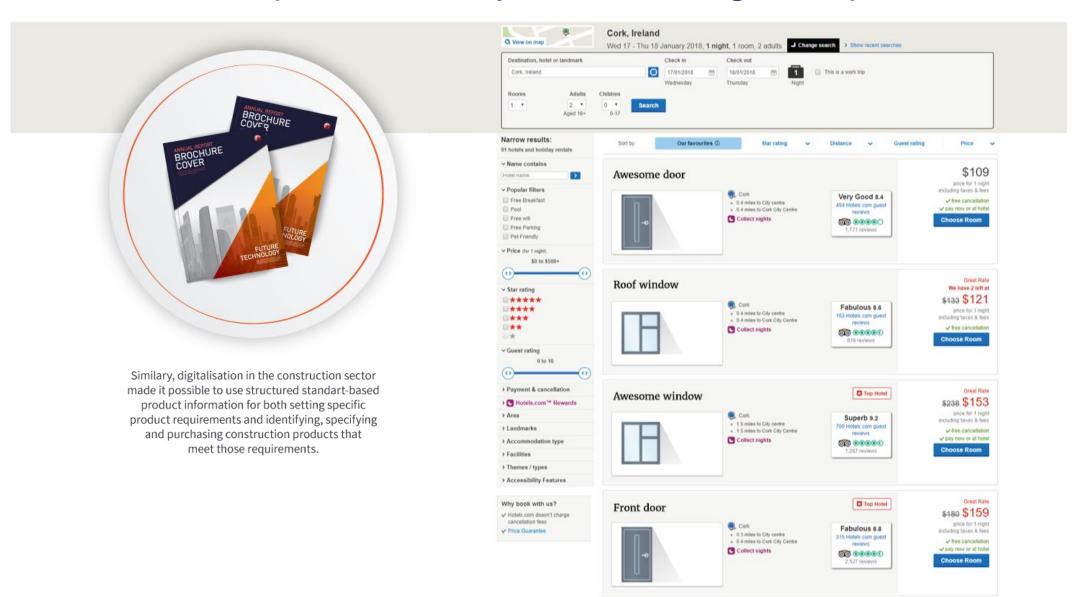


Withou "within CapCarb"



- Cost £ / € as now
- Embodied Carbon kg CO2e / unit etc
- Characteristics for future removal and reuse circular economy
- Digitally remember for decades how?

We can develop our industry – welcoming data platforms



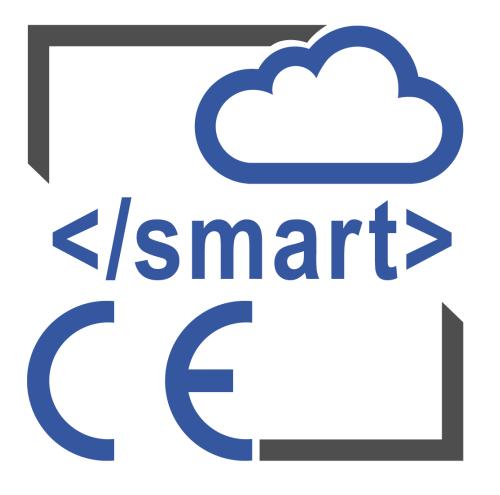


EN ISO 23386, prEN ISO 23387 & SmartCE

- what this means for manufacturers

Lars Chr. Fredenlund
CEO
Cobuilder









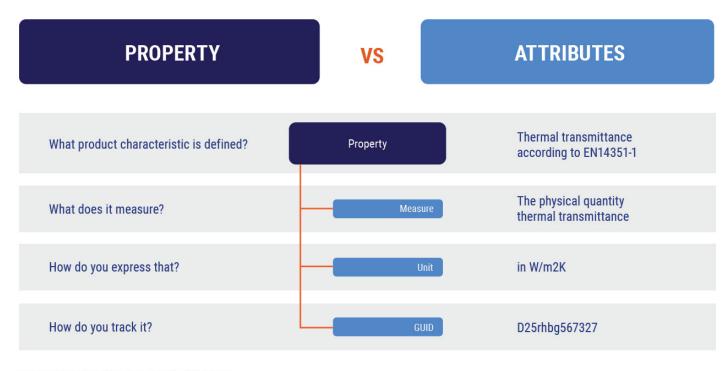






ISO 23386 - Building information modelling and other digital processes used in construction — Methodology to describe, author and maintain properties in interconnected data dictionaries





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ISO 23386 - Building information modelling and other digital processes used in construction — Methodology to describe, author and maintain properties in interconnected data dictionaries



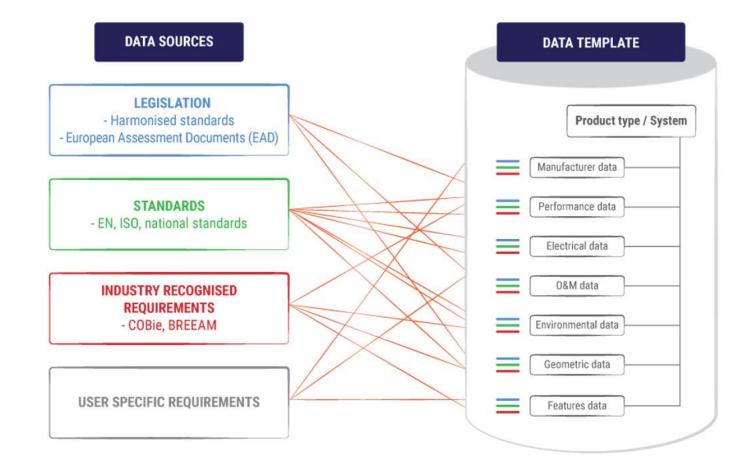
Properties for Systems & Products as per EN ISO 23386





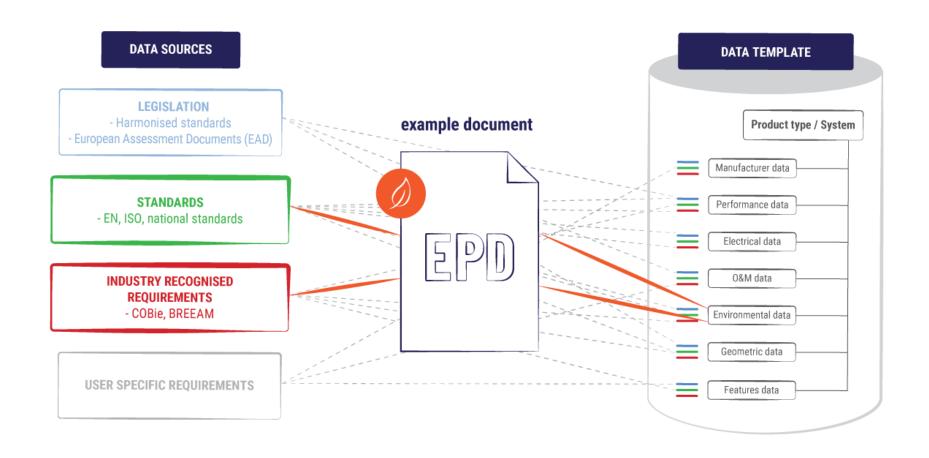
ISO 23387 - Data Templates for construction objects used in the life cycle of any built asset — Concepts and principles





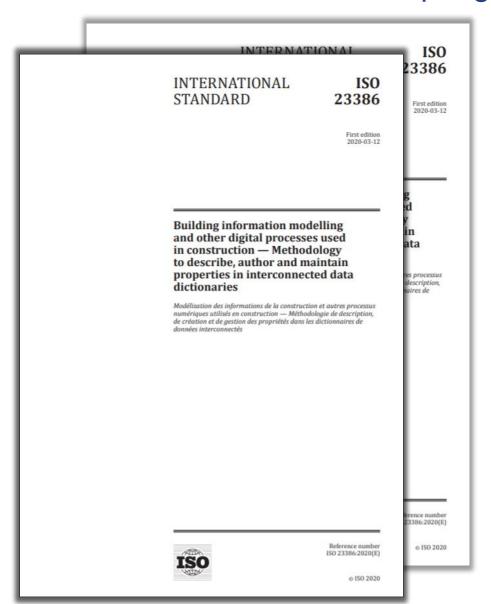


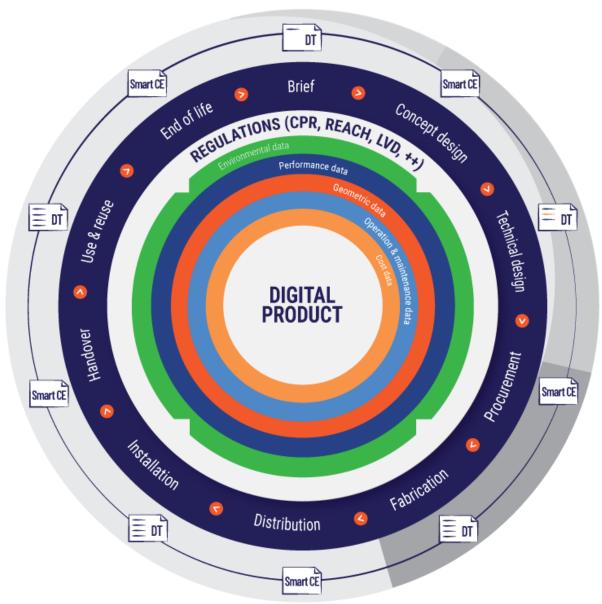
Data Templates – also a holder of Carbon data (EPD)





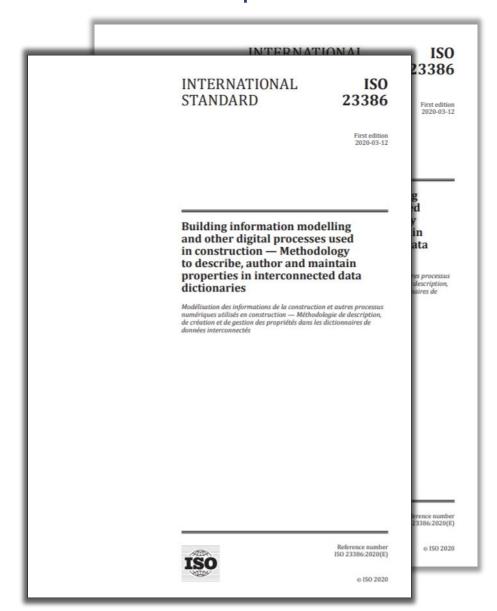
ISO 23387 & ISO 23387 – Standardisation of Properties and Data Templates guide Manufactures how to develop digital products







ISO 23387 & ISO 23387 – Data Governance for Global, European, National and Manufacturer specific data







The endgame – data is the new oil!

