

Sustainability Data Manager Simplified

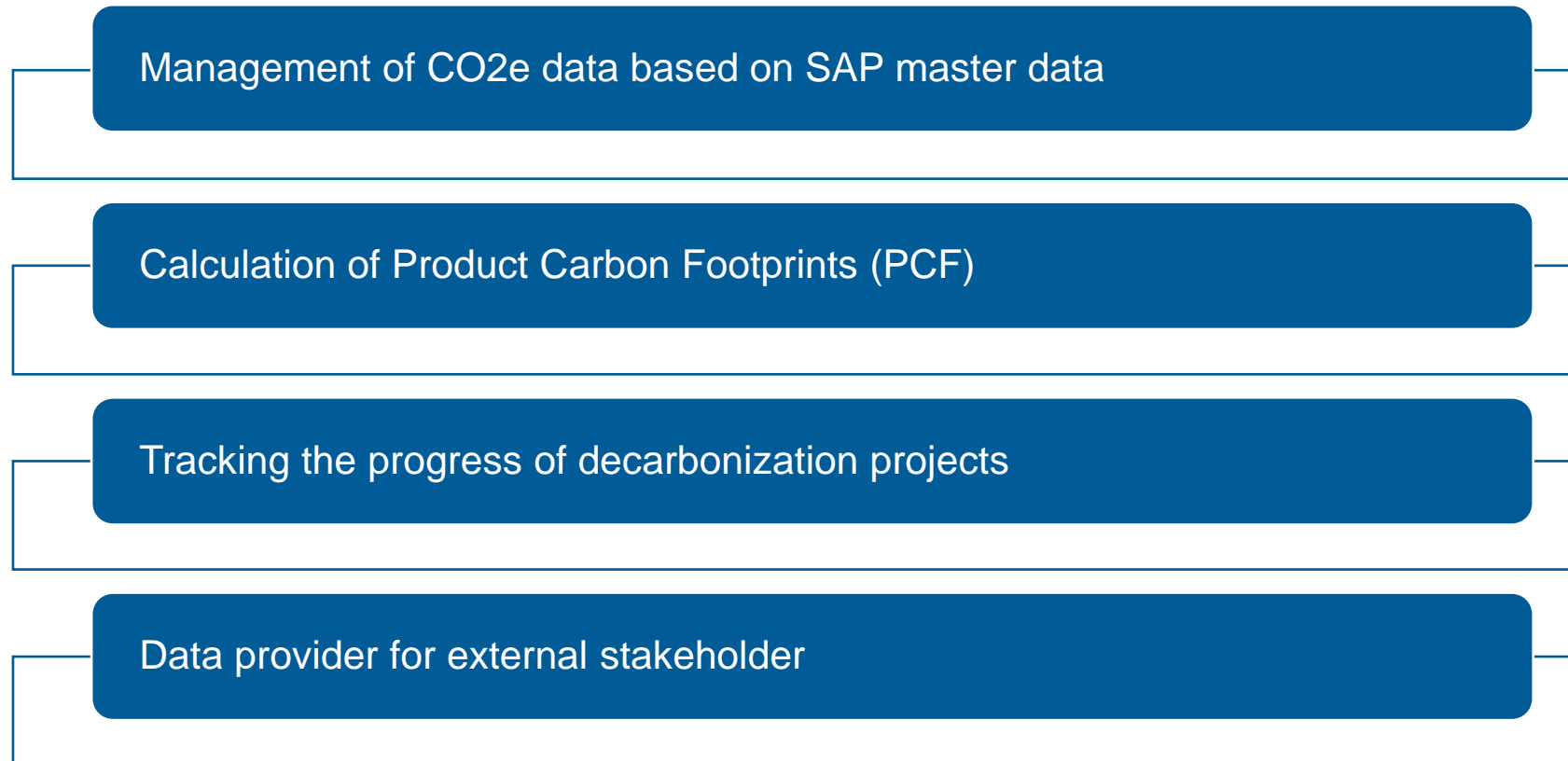
NTT Sustainability Conference



Sustainability Data Manager Simplified



SDMS enables our customers to capture climate data, analyze and report data, manage climate risks and monitor progress towards net zero targets across all business areas.



Project CV



- Focus: Management of sustainability data (CO2, recyclability, recycled content, ...) based on SAP material master data
- Compatibility to SAP ECC & S/4HANA

Management to three levels below the master material:

<u>Material</u>	<u>Layer 0</u>
» CO2	
» Attributes	Layer 1
» <u>Components</u>	
• CO2	
• Attributes	Layer 2
• <u>Ingredients</u>	
» CO2	Layer 3
» Attributes	

Management at attribute type level:

Attribute type

- Attribute FSC Certificate
 - » Attribute value yes or no
 - » Attribute unit *optional*

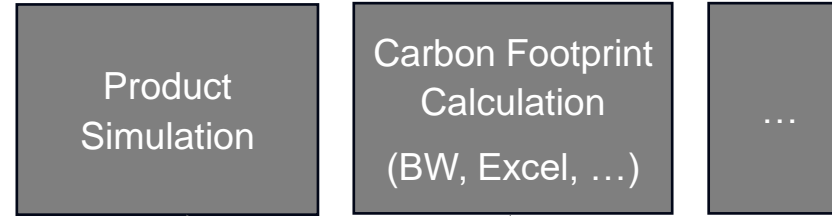
Data Structure



CO2 data processing:

- Calculation of the CO2 footprint in Excel, BW systems, SAP PFM, etc.)
- Simulation of product variants
- ...

Planned Features

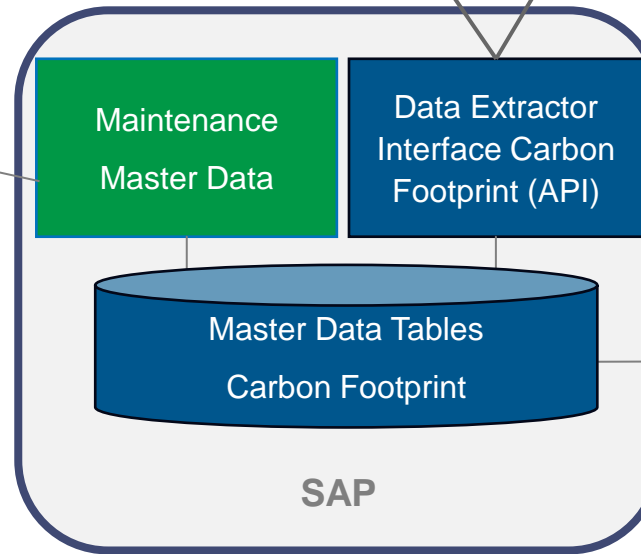


Daten
Export

Maintenance view:

Customer-specific maintenance view for mass maintenance of relevant data for CO2 calculation in SAP. The data is used for subsequent processing and distribution to surrounding calculation and analysis systems for the carbon footprint using the DATA extractor.

Current Features



Extractor:

The extractor provides an interface via a defined API to read out relevant master and transaction data for the calculation of the carbon footprint in related calculation tools.

Data Model:

The data model ensures the aggregation of relevant master data, which are necessary for the subsequent calculation of the carbon footprint.



Development of a material database for packaging materials

Management of sustainability-related material, component and ingredient attributes

Calculation of CO2e values per packaging

Planned Use Cases / Features



- CO2 calculations based on ingredient distribution and external emission factors
- CO2 calculations on BOM level
- CO2 calculations by adding machine data / dynamic data
- Simulations (product variants, exchanges, ...)
- Export API to collection points (report generation, digital product passports, ...)
- Plastic tax calculation (for packaging materials)





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