

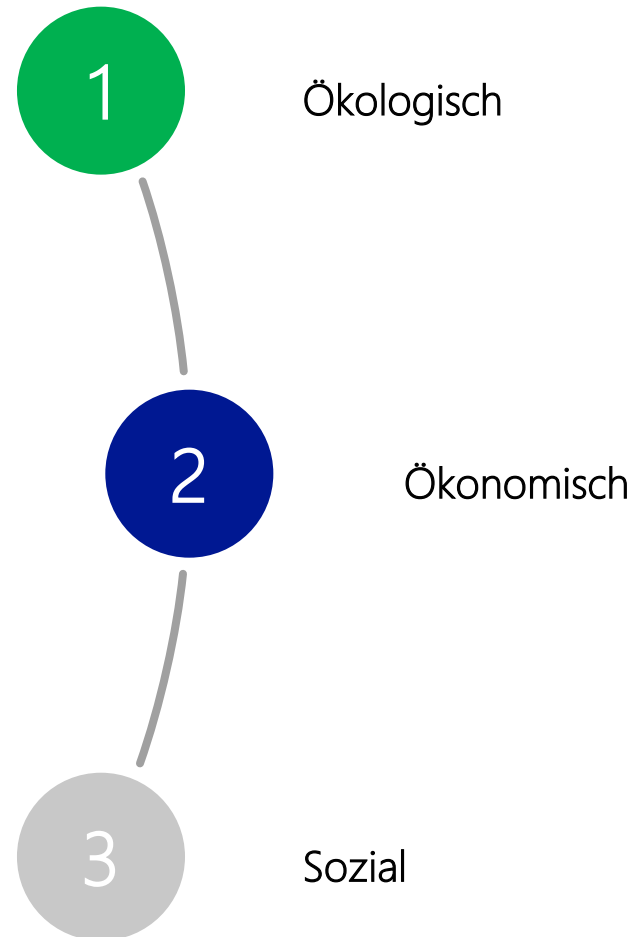
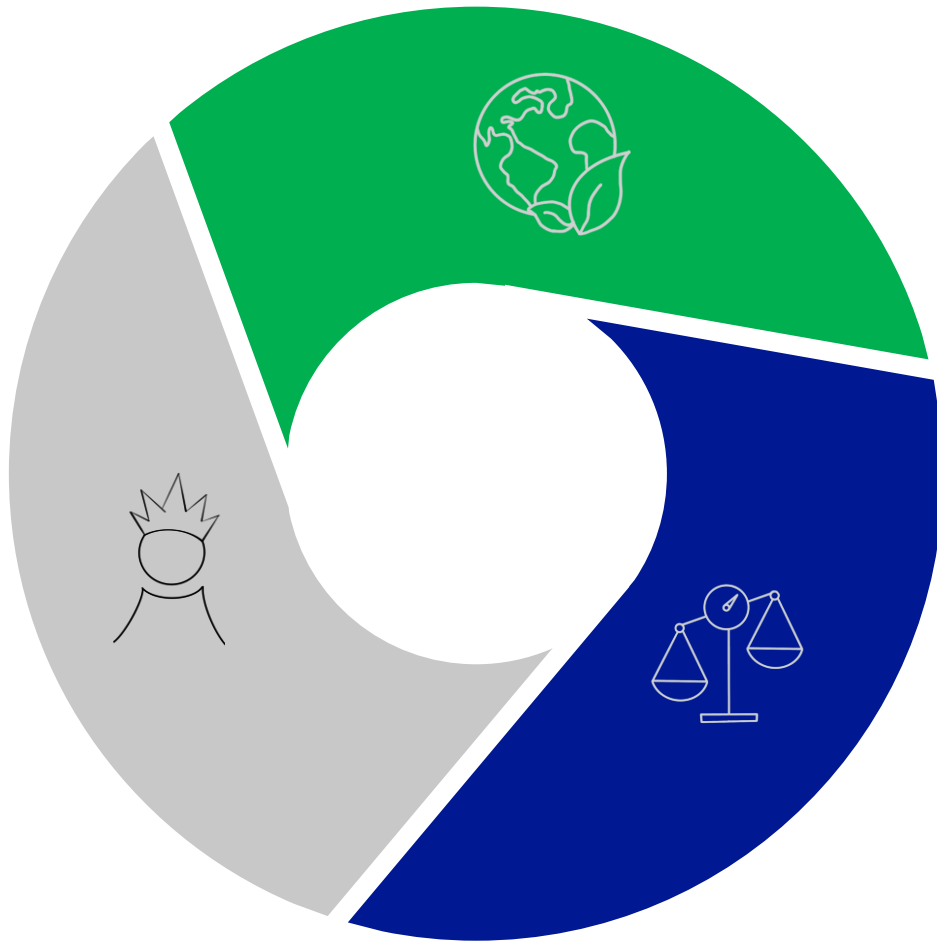
PRODUCT CARBON FOOTPRINT BERECHNEN

SELINA LANDLEITER, CONSULTANT,
ALL FOR ONE GROUP

28. NOV 2023
SUSTAINABILITY DAY:
**SUPPLY CHAIN &
PRODUKTION**

Agenda: www.all-for-one.com/susday2

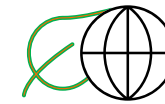
3 BEREICHE DER NACHHALTIGKEIT



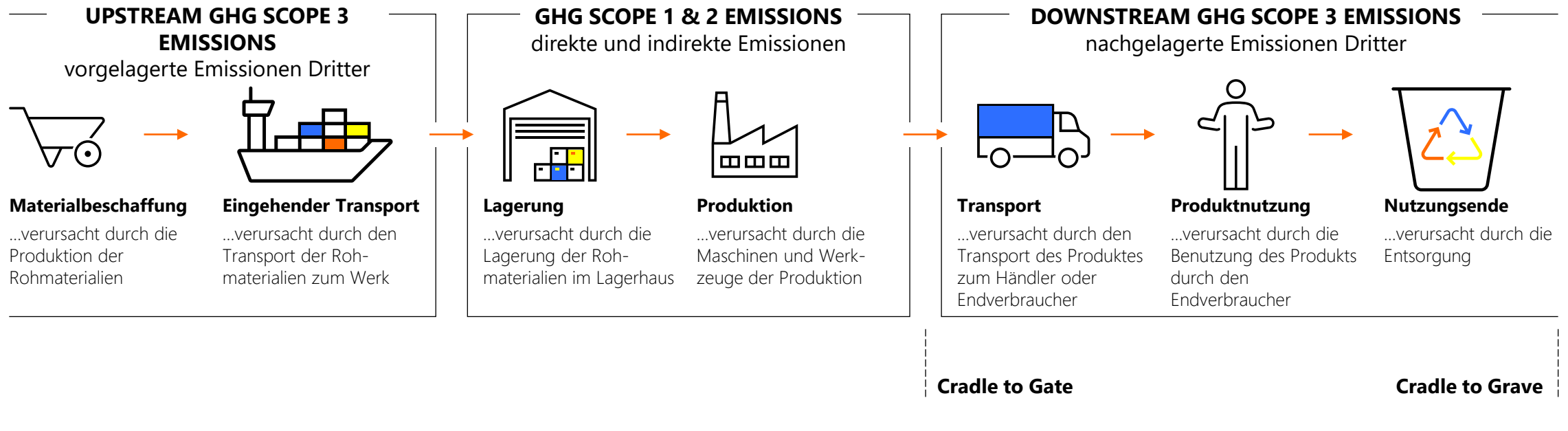
WAS IST DER PCF - PRODUCT CARBON FOOTPRINT?



Wie sind die **Umweltauswirkungen** eines Produktes über den **Produktlebenszyklus**?



Treibhauspotential
gemessen in kg CO₂-Äquivalenten
→ **Product Carbon Footprint**



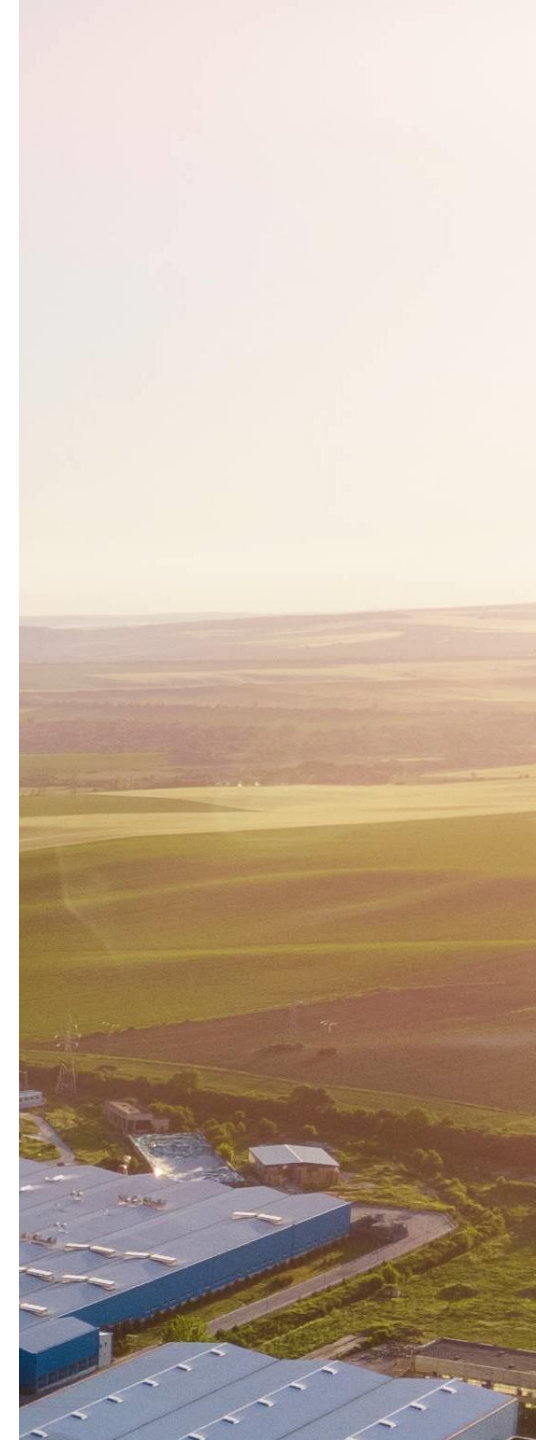
GREENHOUSE GAS PROTOCOL INITIATIVE - SCOPE 1, 2 & 3



UMFRAGE 1

WO STEHEN SIE BEIM THEMA PRODUCT CARBON FOOTPRINT (PCF)? [EINFACHAUSWAHL]

- „ganz am Anfang“
- Wir wollen den PCF berechnen, wissen aber noch nicht wie
- Wir berechnen den PCF mit klassischen Tools (Excel etc.)
- Wir berechnen den PCF automatisiert



PCF BERECHNEN UND BERICHTEN **TYPISCHE FRAGEN**



CO2-Reduzierungsmöglichkeiten?

Hauptfaktoren für CO2-Emissionen?

Alternativen zur CO2-Verringerung?

CO2-Auswirkungen des Produkts?

Erfüllung rechtlicher CO2-Anforderungen?

Chancen durch CO2-Reduzierung?

CO2-Minimierung in der Lieferkette?

Verbesserung der CO2-Transparenz?

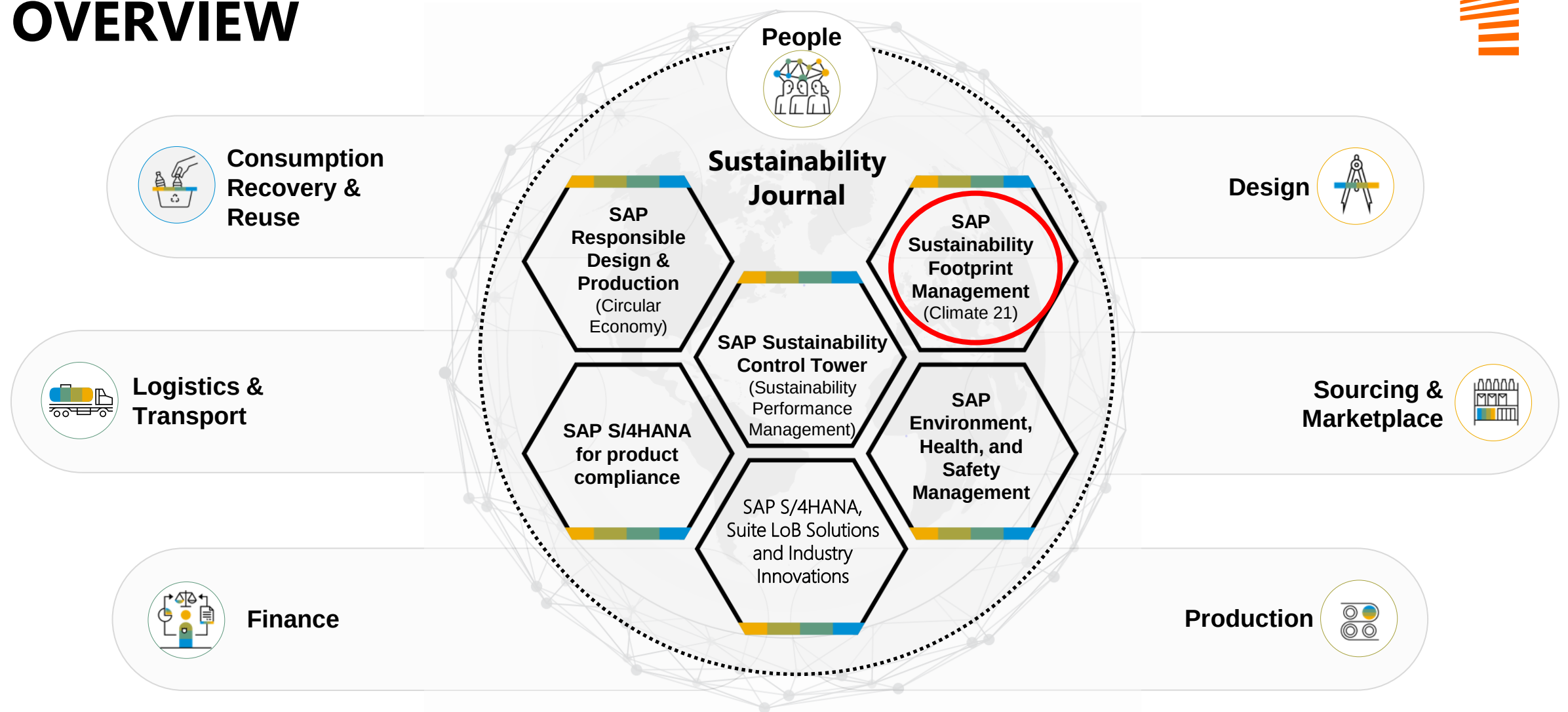
Sensibilisierung und Schulung zu CO2-Bilanzierung?

Kundenbereitschaft für klimafreundlichere Produkte?



CSRD Reporting?

SUSTAINABILITY MANAGEMENT BY SAP OVERVIEW



Embedded in Business Process

With a Global Network Ecosystem

Impact at Scale with Partners



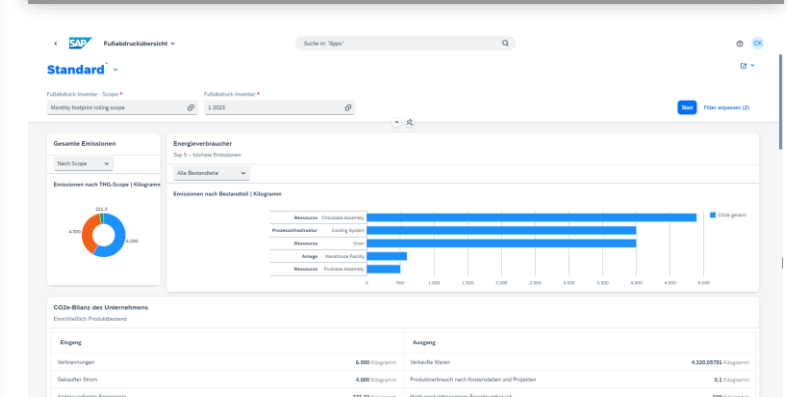
Herausforderung

- Datenkonsolidierung für Fußabdruckberechnung
- Emissionsfaktoren
- Fußabdruckberechnung

Funktion



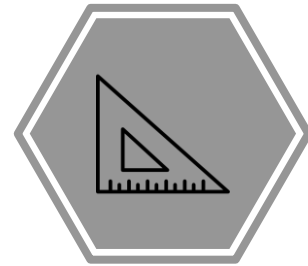
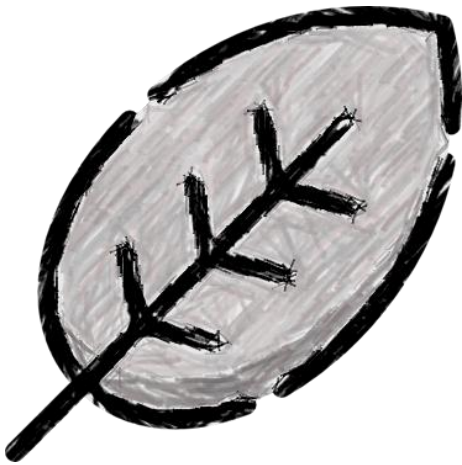
Insight



Kundensituation Elektronikgerätehersteller

- Früher: Manuelle Erfassung von CO2-Daten für Scope 1 und 2 sowie Online-Recherche für Scope 3 Upstream. Herunterbrechen in Excel auf Produktbasis.
- Heute: Automatische Erfassung und Zusammenführung von CO2-Daten. Integration recherchierter Werte für Scope 3 Upstream und Herunterbrechen auf Produktbasis mittels des Systems.

- Standardintegration nach SAP ERP und zurück
- Monatliche Routinekalkulation
- Weiternutzung von bestehenden Daten



Record

- Datenzugang
- Datengenauigkeit



Report

- Auditfähigkeit
- Offenlegung des CO2 Fußabdrucks

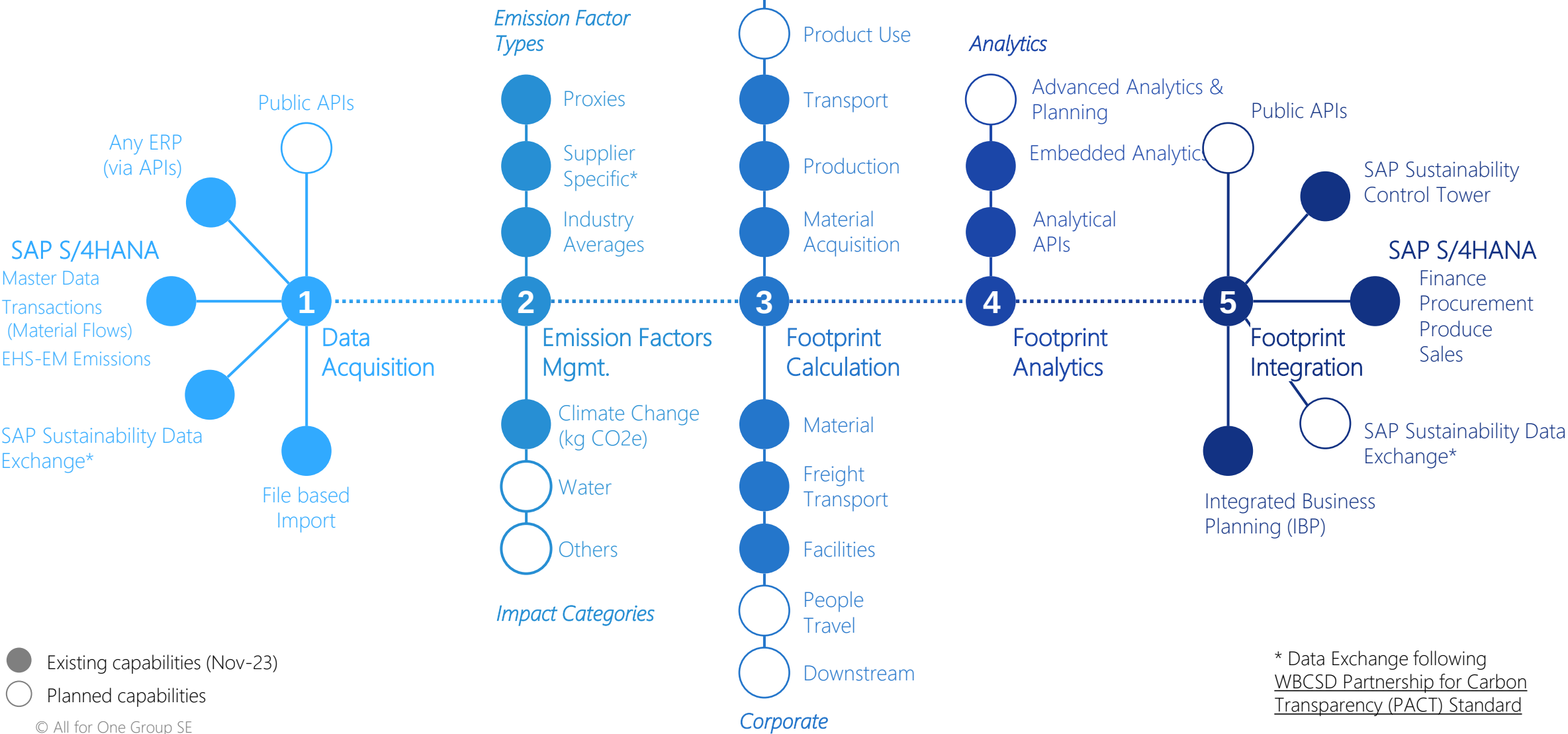


Act

- Dekarbonisierung umsetzen!

Product Capabilities

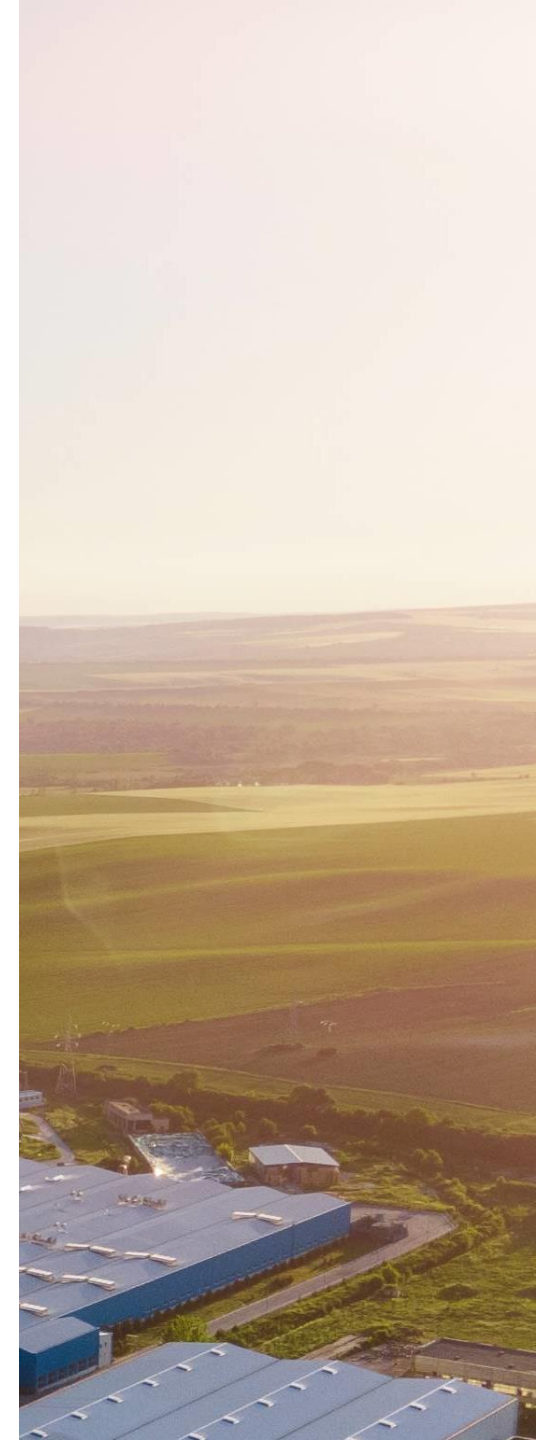
Overview



UMFRAGE 2

WANN WOLLEN SIE DAS THEMA PCF ANGEHEN? [EINFACHAUSWAHL]

- Sind schon dabei
- Sofort
- Im nächsten halben Jahr
- In den nächsten 1-2 Jahren
- Nicht relevant



Manage Source Data

Import Master Data

Manage Source Data

Import Master Data

Manage Footprint Inventory Scopes

Manage Emission Factors

Manage Mappings

Manage Purchased Product Footprints

Manage Supplier Footprints

Manage Units of Measure

Manage Planned Energy Consumption Rates

SAP

Import Master Data

Search in: "Apps"

MB

Standard

Master Data Object: Status: Consistency Status:

Go Adapt Filters

Master Data Imports (17)

Master Data Object	Status	Number of Reco...	Import Started	Import Finished
Activity	Completed Successfully	6	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:17:12 PM
Company	Completed Successfully	6	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 12:52:12 PM
Controlling Area	Completed Successfully	0	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Cost Center	Completed Successfully	5	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 12:56:12
Country/Region	Completed Successfully	253	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Currency	Completed Successfully	226	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Custom Unit of Measure	Completed Successfully	2	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Plant	Completed Successfully	3	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 12:54:12
Product	Completed Successfully	12	May 9, 2023, 12:04:11 PM	May 9, 2023, 12:04:11
Product Group	Completed Successfully	5	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:08:12
Product Type	Completed Successfully	0	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Production Document	Completed Successfully	23	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 12:57:12
Project	Completed Successfully	3	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:05:12
Region	Completed Successfully	1,728	Mar 7, 2023, 12:51:12 PM	Mar 7, 2023, 1:15:12
Resource	Completed Successfully	5	Mar 7, 2023, 12:51:12 PM	Aug 29, 2023, 10:39:40
Supplier	Completed Successfully	6	Apr 20, 2023, 12:21:31 PM	Apr 20, 2023, 12:21:32
Valuation Area	Not Started			

Product

Standard

Inconsistent (0) Consistent (12) All (12)

Search

ID	Description	Procuremen...	Unit Of Measure	Unit of Measure Source	Product Group	Product Type	Last Import	Consistency Status
B50009	Butter (Cow Milk)	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		May 2, 2023, 10:46:12 AM	Consistent
B50011	Mango	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		May 9, 2023, 12:04:11 PM	Consistent
B50002	Wheat Flour Type 550	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		Apr 20, 2023, 11:47:51 AM	Consistent
B50001	Wheat Flour Type 405	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		Apr 20, 2023, 11:47:51 AM	Consistent
B50004	Dark Chocolate 60%	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		Apr 21, 2023, 11:04:56 AM	Consistent
B50007	Chocolate Cake	No	Kilogram (KGM)	ISO Codes (ISO)	Bakery Products (0212)		Apr 21, 2023, 11:04:56 AM	Consistent
B50006	Biscuit	No	Kilogram (KGM)	ISO Codes (ISO)	Bakery Products (0212)		Apr 21, 2023, 11:04:56 AM	Consistent
B50010	Beet Sugar	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		May 2, 2023, 10:46:12 AM	Consistent
B50003	Baking Mixture Biscuit	Yes	Kilogram (KGM)	ISO Codes (ISO)	Ingredients (0211)		Apr 21, 2023, 11:04:56 AM	Consistent
B50008	Strawberry Cake	No	Kilogram (KGM)	ISO Codes (ISO)	Bakery Products (0212)		Apr 21, 2023, 11:04:56 AM	Consistent

More

[10 / 12]

Manage Source Data

Manage Emission Factors

Manage Source Data

Import Master Data

Manage Footprint Inventory Scopes

Manage Emission Factors

Manage Mappings

Manage Purchased Product Footprints

Manage Supplier Footprints

Manage Units of Measure

Manage Planned Energy Consumption Rates

<

SAP

Emission Factor Dataset

>

Search In: "Apps"

?

MB

ecoinvent v3.9.1 / ecoinvent v3.9.1 (1.1) /

cocoa bean production, sun-dried

The product 'cocoa bean' is a seed. It is a perennial crop. This product is sun-dried.

Package Name: ecoinvent v3.9.1

Source ID: 5cea4df9-bea3-5c16-8bdd-6e320730246f_79b268ec-9d31-41d2-9bc0-fb12ae0d39fc

Validity Period: Jan 1, 2009 - Dec 31, 2023

Country/Region: Ghana (GH)

Dataset Version: ei-3.9.1-cutoff

Emission Factors

Classifications

Attributes

Qualities

Emission Factors (1)

Standard

Impact Category	Footprint Indicator	Footprint Calculation Method	Emission Factor
GHG	GWP 100a (CO2e)	IPCC 2021	15.737 KG

Classifications

Dataset Classifications (2)

Standard

Search

Classification Type	Classification Version	Classification Value	Classification Hierarchy
CPC	2.1	01640	Cocoa beans
HS	2017	180100	Cocoa beans; whole or broken, raw or roasted

Attributes

Dataset Attributes (1)

Attribute Name	Attribute Value	Unit Of Measure
reference product	cocoa bean	KG

Manage Source Data

Manage Mappings

Manage Source Data

Import Master Data

Manage Footprint Inventory Scopes

Manage Emission Factors

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Manage Purchased Product Footprints

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Manage Planned Energy Consumption Rates

SAP

Manage Mappings

Search In: "Apps"

MB

Map Purchased Products with Emission Factors

Download Template Upload Data Delete Data

Status: Data Available Changed On: Aug 8, 2023, 2:16:56 PM Changed By: moritz.bruestle@sap.com

All Mappings (15) Conflicts (0) Issues (0)

Add Row Edit Delete Search

	Rank	Validity Period	Product	Commodity Code	Product Group	Supplier	Supplier Country / Region	Plant	Plant Country / Region	Emission Factor
☐	1	Jan 1, 2000 - Mar 31, 9999	Baking Mixture Biscuit (B50003)	Any	Ingredients (0211)	Indonesia Baking (SD505)	Indonesia (ID)	Almika Bakery Munich (B5100)	Germany (DE)	0.84 KG / 1.00 KG
☐	2	Jan 1, 2000 - Mar 31, 9999	Baking Mixture Biscuit (B50003)	Any	Ingredients (0211)	World of Cakes (SD506)	Canada (CA)	Almika Bakery Munich (B5100)	Germany (DE)	0.70 KG / 1.00 KG
☐	3	Jan 1, 2000 - Jun 30, 2023	Dark Chocolate 60% (B50004)	Any	Ingredients (0211)	Cocoa World (SD503)	Ghana (GH)	Almika Bakery Munich (B5100)	Germany (DE)	33.00 KG / 1.00 KG
☐	4	Jan 1, 2000 - Jun 30, 2023	Dark Chocolate 60% (B50004)	Any	Ingredients (0211)	Finest Cocoa Corp (SD504)	Guatemala (GT)	Almika Bakery Munich (B5100)	Germany (DE)	35.00 KG / 1.00 KG
☐	5	Jan 1, 2000 - Jun 30, 2023	Strawberries (B50005)	Any	Ingredients (0211)	Mayer Foods (SD501)	Spain (ES)	Almika Bakery Munich (B5100)	Germany (DE)	2.10 KG / 1.00 KG
☐	6	Jan 1, 2000 - Jun 30, 2023	Strawberries (B50005)	Any	Ingredients (0211)	Malmer GmbH (SD502)	Germany (DE)	Almika Bakery Munich (B5100)	Germany (DE)	2.30 KG / 1.00 KG
☐	7	Jan 1, 2022 - Dec 31, 2023	Strawberries (B50005)	Any	Any	Any	Any	Any	Any	2.12 KG / 1.00 KG
☐	8	Jan 1, 2022 - Dec 31, 2023	Strawberries (B50005)	Any	Any	Any	Spain (ES)	Any	Any	0.37 KG / 1.00 KG
☐	9	Jan 1, 2022 - Dec 31, 2023	Any	081110	Any	Any	Any	Any	Any	4.52 KG / 1.00 KG
☐	10	Jan 1, 2022 - Dec 31, 2023	Dark Chocolate 60% (B50004)	Any	Ingredients (0211)	Any	Indonesia (ID)	Any	Any	41.02 KG / 1.00 KG
☐	11	Jan 1, 2022 - Dec 31, 2023	Beet Sugar (B50010)	Any	Any	Any	Any	Any	Any	0.47 KG / 1.00 KG
☐	12	Jan 1, 2022 - Dec 31, 2023	Any	170112	Ingredients (0211)	Any	Any	Any	Any	0.14 KG / 1.00 KG
☐	13	Jan 1, 2022 - Dec 31, 2023	Beet Sugar (B50010)	Any	Any	Any	Switzerland (CH)	Any	Any	0.31 KG / 1.00 KG
☐	14	Jan 1, 2022 - Dec 31, 2023	Butter (Cow Milk) (B50009)	Any	Any	Any	Any	Almika Bakery Munich (B5100)	Germany (DE)	8.54 KG / 1.00 KG
☐	15	Jan 1, 2022 - Dec 31, 2023	Any	040120	Ingredients (0211)	Any	Any	Any	Any	3.77 KG / 1.00 KG

Manage Source Data

Manage Purchased Product Footprints

Manage Source Data

Import Master Data

Manage Footprint Inventory Scopes

Manage Emission Factors

Manage Mappings

Manage Purchased Product Footprints

1

Pending Reviews

Manage Supplier Footprints

Manage Units of Measure

Manage Planned Energy Consumption Rates

SAP

Manage Purchased Product Footprints

Search In: "Apps"

Standard

Editing Status: All

Valid On: MMM d, y

Product:

Product Group:

Supplier:

Plant:

Go

Adapt Filters (1)

Purchased Product Footprints (14)

All Products without Footprints (17)

Goods Receipts without Footprints (0)

Product	Product Group	Supplier	Plant	Valid From	Valid To	CO2e	Product Quantity
☐ Dark Chocolate 60% (B50004)	Ingredients (0211)	Finest Cocoa Corp (SD504)	Almika Shop Munich (B5200)	Jul 1, 2023	Jul 1, 2026	26.65 Kilogram	1 Kilogram
☐ Strawberries (B50005)	Ingredients (0211)	Mayer Foods (SD501)	Almika Shop Munich (B5200)	Jul 1, 2023	Jul 1, 2026	2.84 Kilogram	1 Kilogram
☐ Strawberries (B50005)	Ingredients (0211)	Mayer Foods (SD501)	Almika Bakery Munich (B5100)	Jul 1, 2023	Jul 1, 2026	2.84 Kilogram	1 Kilogram
☐ Strawberries (B50005)	Ingredients (0211)	Malmer GmbH (SD502)	Almika Bakery Munich (B5100)	Jan 1, 1900	Jun 30, 2023	2.3 Kilogram	1 Kilogram

Strawberries

Estimation Level

Plant

Validity Period

CO2e

Product from Supplier

Almika Bakery Munich

From: Jul 1, 2023

CO2e: 2.84

To: Jul 1, 2026

Kilogram

General Information

Change History

Purchased Product Footprint Details

Administrative Details

Product: Strawberries (B50005)

Quantity Dimension: Product Unit Of Measure

Validity Period: Jul 1, 2023 - Jul 1, 2026

Created On: Aug 10, 2023, 11:15:34 AM

Changed On: Aug 22, 2023, 10:55:42 AM

Product Group: Ingredients (0211)

Product Quantity: 1

Notes: Footprint calculated using PACT methodology

Created By: moritz.bruestle@sap.com

Changed By: moritz.bruestle@sap.com

Plant: Almika Bakery Munich (B5100)

Product Quantity UoM: Kilogram

Supplier: Mayer Foods (SD501)

Total CO2e: 2.84 Kilogram

Manage Facilities

Model Energy Flows

Manage Facilities

Model Energy Flows

Manage Allocations



Energy Flow Model

Bakery Flow Model

Plant: Almika Bakery Munich

Validity Period: From: Jan 1, 2023 To: Dec 31, 9999

Lifecycle Status: Released

General Data Graphical Flow Modeler List-based Modeler Change History

Energy Source: Natural gas

Gas meter: Baking oven

Oven

Gas meter: Cooling

Cooling system

Fruitcake Assembly

Energy Source: Electricity

Electricity meter: Cooling

Chocolate Assembly

Electricity meter: Assembly

Warehouse facility

Electricity meter for Warehouse

Energy Flow Model

Bakery Flow Model

Plant: Almika Bakery Munich

Validity: From: Nov 1, 2022 To: Dec 31, 9999

Lifecycle Status: Released

General Data Graphical Flow Modeler List-based Modeler Change History

Energy Flow Model Nodes (12)

Energy F...	Type	Assigned Sender ...	Consistency Status	Supplied Energy Carrier
Electricit...	Meter	1	Consistent	Waterfall (electricity mix: Waterfall Europe Sale...
Electricit...	Meter	1	Consistent	Waterfall (electricity mix: Waterfall Europe Sale...
Chocolat...	Resource	2	Consistent	
Oven (50...	Resource	1	Consistent	
Gas met...	Meter	1	Consistent	Total quantity CO2e-equivalent (incl. upstream ...
Gas met...	Meter	1	Consistent	Total quantity CO2e-equivalent (incl. upstream ...
Energy S...	Energy Source	0	Consistent	Total quantity CO2e-equivalent (incl. upstream ...
Electricit...	Meter	1	Consistent	Waterfall (electricity mix: Waterfall Europe Sale...
Fruitcake...	Resource	2	Consistent	
Cooling s...	Process Infrastructure	2	Consistent	Cooling water for assembly lines (COOLING_W...
Warehou...	Facility	1	Consistent	
Energy S...	Energy Source	0	Consistent	Waterfall (electricity mix: Waterfall Europe Sale...

Manage Footprint Calculations

Import Business Transactions

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Standard

Footprint Inventory Scope: Status: Month:

Transactional Data Imports (7)

Footprint Inventory Scope	Imported Period	Status
Monthly rolling footprint scope (MONTHLY)	July 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	June 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	May 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	April 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	March 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	February 2023	Completed Successfully
Monthly rolling footprint scope (MONTHLY)	January 2023	Completed Successfully

Transactional Data Import

July 2023

Business Transactions

Standard In Scope (15) All (15)

Business Transaction Type	Status	Number of Reco...	Import Started	Import Finished
Customer Return	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Issue for Cost Center	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Issue for Customer	Completed Successfully	2	Aug 3, 2023, 10:30:45 AM	
Goods Issue for Production	Completed Successfully	15	Aug 3, 2023, 10:30:45 AM	
Goods Issue for Project	Completed Successfully	0	Aug 3, 2023, 10:30:46 AM	
Goods Issue without Reference	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Receipt from Production	Completed Successfully	10	Aug 3, 2023, 10:30:45 AM	
Goods Receipt from Supplier	Completed Successfully	6	Aug 3, 2023, 10:30:45 AM	
Goods Receipt without Reference	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Return from Cost Center	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Return from Project	Completed Successfully	0	Aug 3, 2023, 10:30:46 AM	
Goods Return to Supplier	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Goods Transfer	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	
Internal Service Confirmation	Completed Successfully	15	Aug 3, 2023, 10:30:46 AM	
Opening Stock	Completed Successfully	0	Aug 3, 2023, 10:30:45 AM	

Manage Footprint Calculations

Calculate Footprints (1/2)

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Standard

Editing Status: All

ID:

Description:

Footprint Inventory Scope:

Valid On: MMM d, y

Go

Adapt Filters (1)

Organizational Footprint Inventories (7)Product Footprint Inventories (1)

ID	Description	Calculation Status	Release Status	Footprint Inventory Scope
Apr 2023	Cakes Apr 2023	Calculated Successfully	Not Released	Monthly rolling footprint scope (MONTHLY)
Feb 2023	Cakes Feb 2023			
Jan 2023	Cakes Jan 2023			
Jul 2023	Cakes Jul 2023			
Jun 2023	Cakes Jun 2023			
Mar 2023	Cakes Mar 2023			
May 2023	Cakes May 2023			

Cakes Apr 2023

Monthly rolling footprint scope

Period: Apr 2023

Transaction Data Import: Completed Successfully

Data Recording Completion:

Calculation Status:

Release Status:

General Data

Energy Bills

Meter Readings

Manual Emissions

Change History

Energy Bills (2)Standard

Energy Source	Status	Plant	Consumed Quantity	CO2e Per Unit	Total CO2e
Plant (Energy Bills / Plant): Almika Bakery Munich (B5100)					
Energy Source: Natural gas (BAKERY_GAS)	Completed	Almika Bakery Munich (B5100)	2,400 Cubic meter (m3)	0.000248 Ton (t)	0.5952 Ton (t)
Energy Source: Electricity (BAKERY_ELECTRICITY)	Completed	Almika Bakery Munich (B5100)	400 Kilowatt hour (kWh)	0.002 Ton (t)	0.8 Ton (t)

Manage Footprint Calculations

Calculate Footprints (2/2)

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Calculate Footprints

Standard

Organizational Footprint Inventories (3)

Product Footprint Calculations (1)

ID	Description	Calculation Status	Footprint Inventory Scope	Valid From	Valid To	
Strawberry Cake Ad-hoc Apr-23	Strawberry Cake Ad-hoc Apr-23	Calculated Successfully	Monthly rolling footprint scope (MONTHLY)	Apr 1, 2023	Apr 30, 2023	4 2023

Strawberry Cake Ad-hoc Apr-23

Monthly rolling footprint scope

Period

Transaction Data Import

Calculation Status

April 2023

Completed Successfully

Calculated Successfully

General Data

Change History

Footprint Inventory Details

Administrative Details

Settings (1)

Plant

Aimika Bakery Munich (B5100)

Manage Footprint Calculations

Monitor Business Logs

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Monitor Business Logs

Search In: "Apps"

AK

Message

ID: d5accbda-20c9-4d5b-aa28-a162c3fbc843

Created On: Feb 10, 2023, 9:21:40 AM

Created By: varun.rao@sap.com

Retention Period (Days): 365

Valid Configuration: Yes

Error

Warning

Information

Success

3

0

0

0

Send Email

Save as Tile

Message Details

Record Details

Object: com.sap.pfm.mdm

Object Text: Masterdata Manager Business Logs

Business Object ID: 675c33c3-8dac-4389-95b4-dff9ca2836a9

Business Object Item ID: -

Business Object Type: product

Correlation ID: da75ba3f-085d-4082-4e33-786c83344b26

Subobject: Push

Subobject Text: Business logs for push scenario

External ID: 6faf9b28-9257-40cc-a949-e9b3973503ec

Record Details

Records (3)

Standard

Search

Sequence	Severity	Created On	Text
1	Error	Feb 10, 2023, 9:21:40 AM	The product with the ID 000000000000005192 could not be imported.
2	Error	Feb 10, 2023, 9:21:40 AM	Could not convert the unit of measure for the entity 'Product' with the ID 000000000000005192. The unit of measure for the fields Weight unit and Volume unit, called and , respectively, is not defined in the tables 'Unit of Measure' and 'Unit of Measure Dimension'.
3	Error	Feb 10, 2023, 9:21:40 AM	Import the required unit of measure and unit of measure dimension from your source system.

Manage Footprint Calculations

Manage Footprint Results (1/2)

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Manage Footprint Results

Search In: "Apps"

Standard

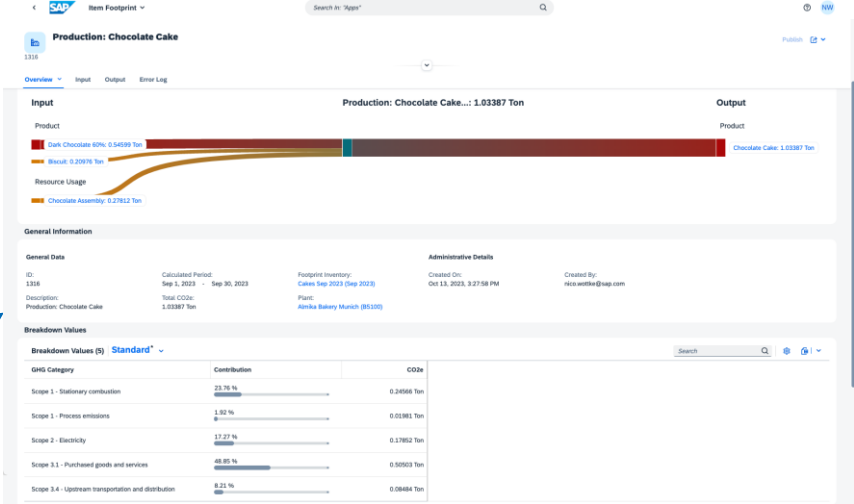
Item Type: Footprint Item: Description: Plant: Valid On: MMM d, y

Go Adapt Filters

Organizational Footprints (304)

Product Footprints (8)

Footprint Item	Description	Status	Item Type	Total CO2e
Footprint Inventory: Cakes Apr 2023 (Apr 2023)				
1291	Production: Biscuit	Successful	Production	0.18376 Ton
1301	Production: Strawberry Cake	Successful	Production	0.42521 Ton
1302	Production: Chocolate Cake	Successful	Production	0.6326 Ton
1303	Production: Chocolate Cake	Successful	Production	1.0272 Ton
1309	Production: Biscuit	Successful	Production	0.15043 Ton
1310	Production: Biscuit	Successful	Production	0.14483 Ton
1311	Production: Biscuit	Successful	Production	0.14371 Ton
1314	Production: Biscuit	Successful	Production	0.12752 Ton



Manage Footprint Calculations

Manage Footprint Results (2/2)

Manage Footprint Calculations

Import Business Transactions

Calculate Footprints

Monitor Business Logs

Manage Footprint Results



Item Footprint

Search In: "Apps"

Production: Chocolate Cake

1306

Item Type

Plant

Period

Status

Total CO2e

Production

Almika Bakery Munich

February 2023

Successful

3.04234 Ton

Overview

Input

Output

Error Log

Energy

Standard

Input Item

Status

Item Type

Energy Carrier

CO2e

No items available.

Product (3)

Standard

Input Item

Status

Plant

Business Transaction Type

CO2e

Dark Chocolate 60% (B50004/B5100)

Successful

Almika Bakery Munich (B5100)

Goods Issue For Production

0.0125 Ton

Biscuit (B50006/B5100)

Successful

Almika Bakery Munich (B5100)

Goods Issue For Production

1.00884 Ton

Strawberries (B50005/B5100)

Successful

Almika Bakery Munich (B5100)

Goods Issue For Production

0.021 Ton

Resource Usage (1)

Standard

Input Item

Status

Resource Quantity

CO2e

Chocolate Assembly (5003)

Successful

1.6666666666666667 Hours

2 Ton

Allocation

Standard

Input Item

Status

Plant

Allocation Rule

CO2e

No items available.

Product

Search In: "Apps"

Production: Chocolate Cake / Biscuit

B50006/B5100

Item Type

Status

CO2e

CO2e Per Unit

Product

Successful

1.00884 Ton

50.442 Kilogram / 1 Kilogram

Overview

Item Data

Business Transaction Type

Utilized Footprint Item

Valuation

Input Item: Biscuit (B50006/B5100)

Business Transaction Type: Goods Issue For Production

Utilized Footprint Item: Biscuit (B50006/B5100)

Valuation based on: Portion of Utilized Footprint Item

Plant: Almika Bakery Munich (B5100)

Product Quantity: 20 Kilogram

Consumer Footprint Item: Production: Chocolate Cake (1306)

Valuation Formula: CO2e = Utilized Footprint Item~CO2e * Portion Factor

Calculation: 1.00884 Ton = 1.00884 Ton * 1

Utilized Footprint Item~CO2e = 1.00884 Ton

Portion Factor = 1

Valuation

Valuation based on: Portion of Utilized Footprint Item

Valuation Formula: CO2e = Utilized Footprint Item~CO2e * Portion Factor

Calculation: 1.00884 Ton = 1.00884 Ton * 1

Utilized Footprint Item~CO2e = 1.00884 Ton

Portion Factor = 1

Analyzing Footprints

Footprint Overview

Analyze Footprints

Footprint Overview



Purchased Products



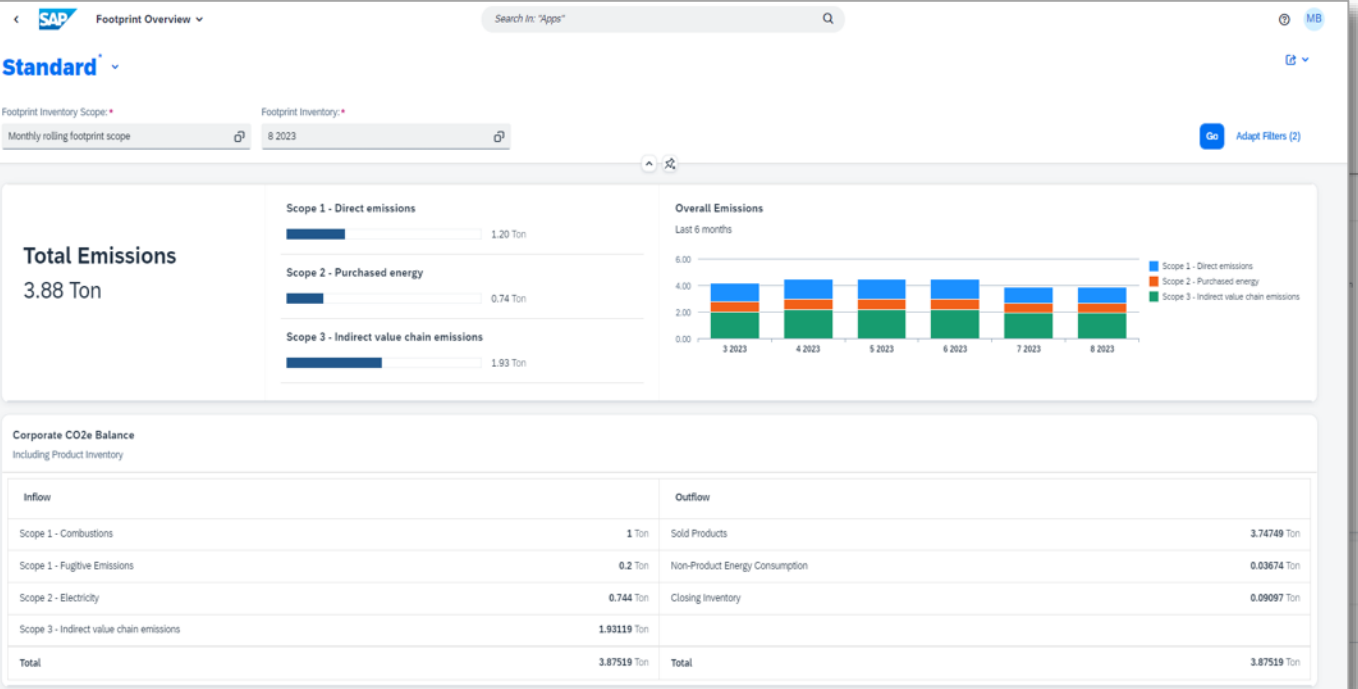
Sold Products



Energy Consumers



Corporate Balance



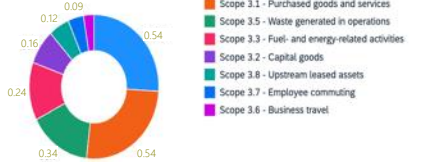
Scope 2 - Purchased energy

Emissions by GHG Category | Ton



Scope 3 - Indirect value chain emissions

Emissions by GHG Category | Ton

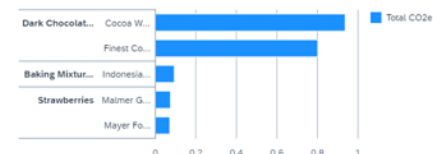


Purchased Products

Top 5 - Highest Emissions

Overall

CO2e for Purchased Goods | Ton

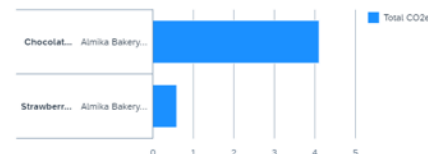


Sold Products

Top 5 - Highest Emissions

Overall

CO2e for Sold Goods | Ton





KONTAKT

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