

Using product carbon footprint in Microsoft Sustainability Manager

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Ask me about...

- *Product carbon footprint*
- *Allocations*
- *ESG value chain solution*





Agenda

Context-setting

Roadmap

Demo

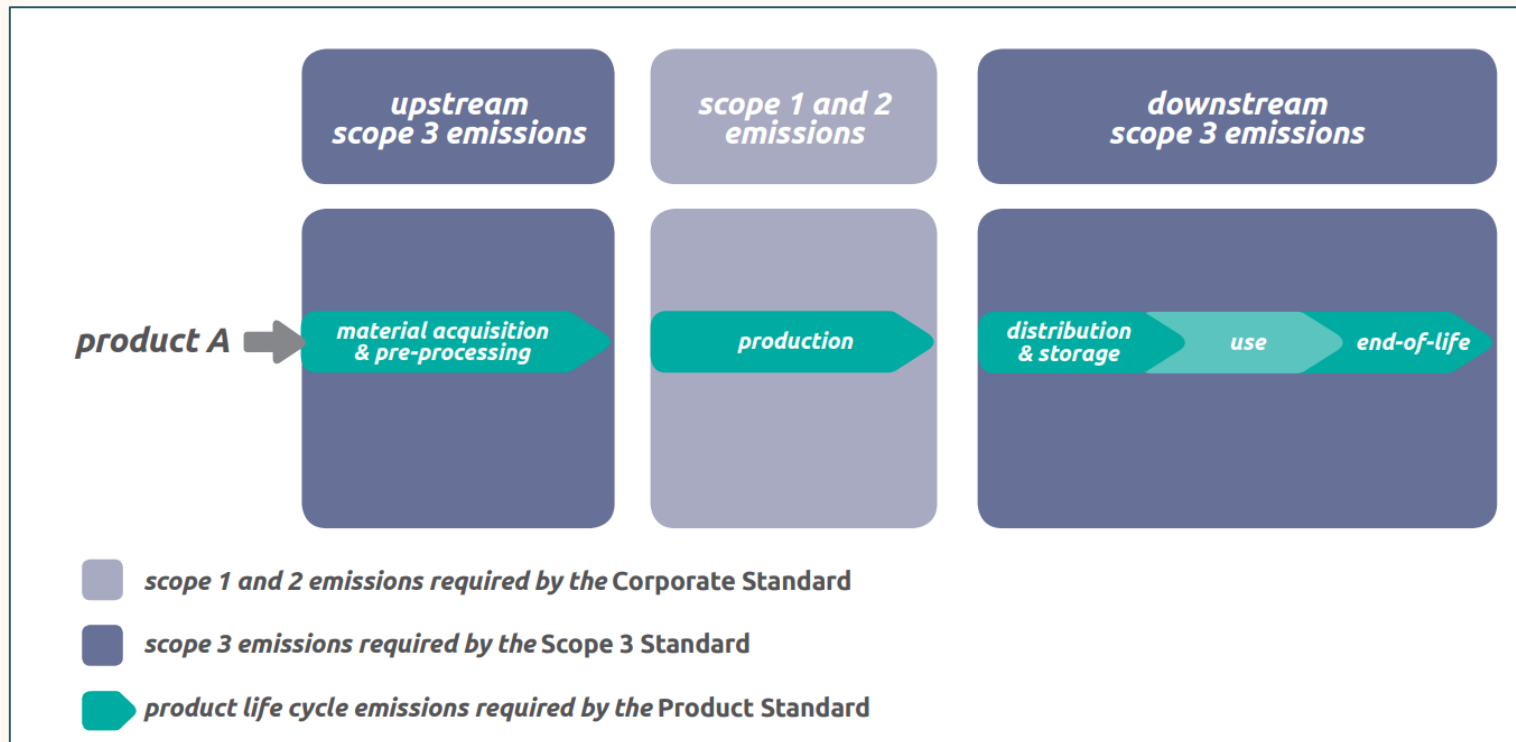
Q+A

Context setting

Understanding product carbon footprint

Corporate emissions: What's my overall footprint?

Product carbon footprint: What's the footprint of *this specific product*? Including footprint of inputs, production activities, transportation, etc.



Context setting

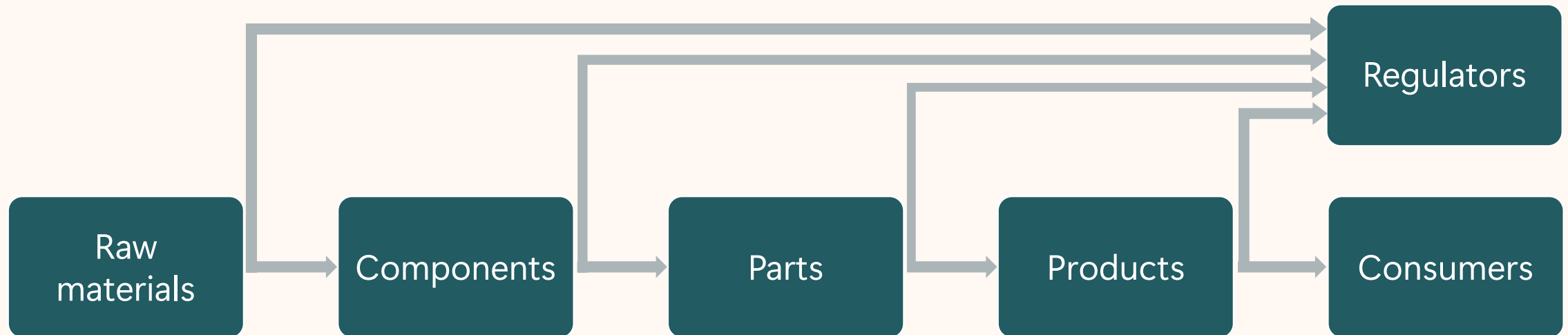
Understanding product carbon footprint

Customers can more accurately compute and mitigate value chain emissions

Organizations can more accurately account for and mitigate their Scope 3 footprint. For example, the relative impact of different suppliers.

Customers can provide transparency to customers and regulators

Organizations need to report PCF to regulators and their own customers.



Context setting

Sustainability data solutions for Fabric

Data models for custom and advanced scenarios

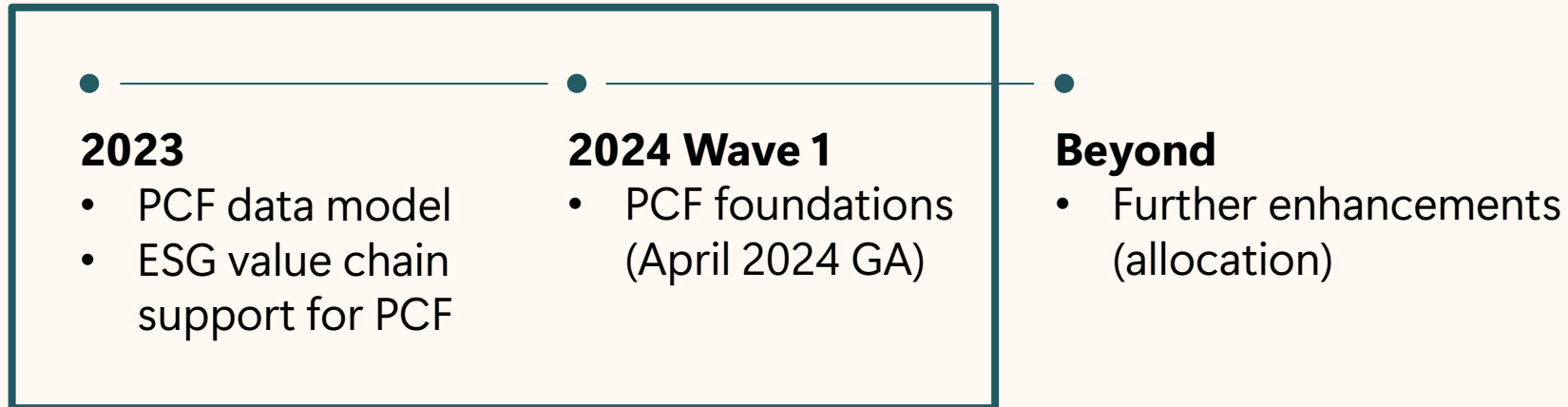
ESG value chain solution

Ingestion of product carbon footprint data from value chain partners

Microsoft Sustainability Manager

Use of PCF in calculations and reports

Product carbon footprint roadmap



PCF foundations

Microsoft Sustainability Manager

Overview

Ingest PCF data into MSM and use in scope 3 calculations. See reports by product.

Description

- Data model-based
- Ingestion of PCF data into MSM using Excel, Power Query, and ESG value chain solution
- Calculation of Scope 3 emissions with PCF as an input
- Reports include basic product information

The screenshot displays the Microsoft Sustainability Manager interface. The main area shows a flowchart for 'PCF-based Scope 3' calculations. The flow starts with a 'Source' box labeled 'Supplier specific purch...', which connects to a 'Calculate with PCF' box labeled 'Quantity x PCF'. This box then connects to a 'Report' box labeled 'Spend-based calculation'. A plus sign is visible below the report box, indicating further steps in the process.

On the right side, a 'Calculate with PCF details' panel is open, showing configuration options for the calculation. The panel includes fields for 'Category name' (set to 'Quantity x PCF'), 'Description' (set to 'Goods purchased * value chain EF'), 'Field' (set to 'Select a field'), 'Input unit' (set to 'Select unit'), 'Footprint value' (set to a dropdown), and 'Output variable name' (set to a dropdown). The panel also shows a 'Last updated' timestamp of '1/18/2022 6:59 PM' and 'Copy' and 'Save' buttons.

Business value

Understand overall emissions in terms of product and using ingested product footprint data

Demo



Ingestion

Using Microsoft Sustainability Manager and ESG value chain solution



Data model

Viewing data model within Microsoft Sustainability Manager reference data



Calculation

Computing Scope 3, Category 1 emissions, using ingested PCF data



Reporting

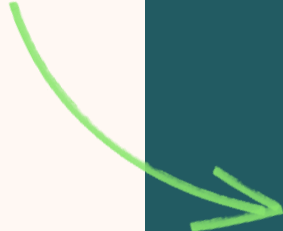
Viewing total emissions by product information

Related sessions

Session	Title	Abstract	Speaker	Date
SUS01T	Deploy and configure your ESG Value Chain solution	Elevate your Scope 3 accounting practices with the ESG Value Chain Solution. This instructive session will provide a detailed overview of the solution's capabilities and a step-by-step demonstration on how to effectively deploy and configure it, enabling you to harness its full potential for comprehensive sustainability analysis and reporting.	Laila Moretti	Tuesday, May 7



Thank you!



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aka.ms/MCfSTSFeedback

→ **Product documentation**
<https://learn.microsoft.com/industry/sustainability/>

→ **Join the Sustainability Community!**
aka.ms/MCfSCommunity

→ **Learning Resources**
aka.ms/CloudforSustainabilityLearnCollection



Q&A

Please type your questions **in the chat** and we will answer them during the Q&A session.

