

Microsoft Sustainability Manager

Module 2 – In a Day Training





Module 2: Microsoft
Sustainability Manager
Architecture and Technical
Components



- Microsoft Sustainability Manager Architecture
- Application Components, Data model and Ingestion
- Licensing
- Extensibility options and practices

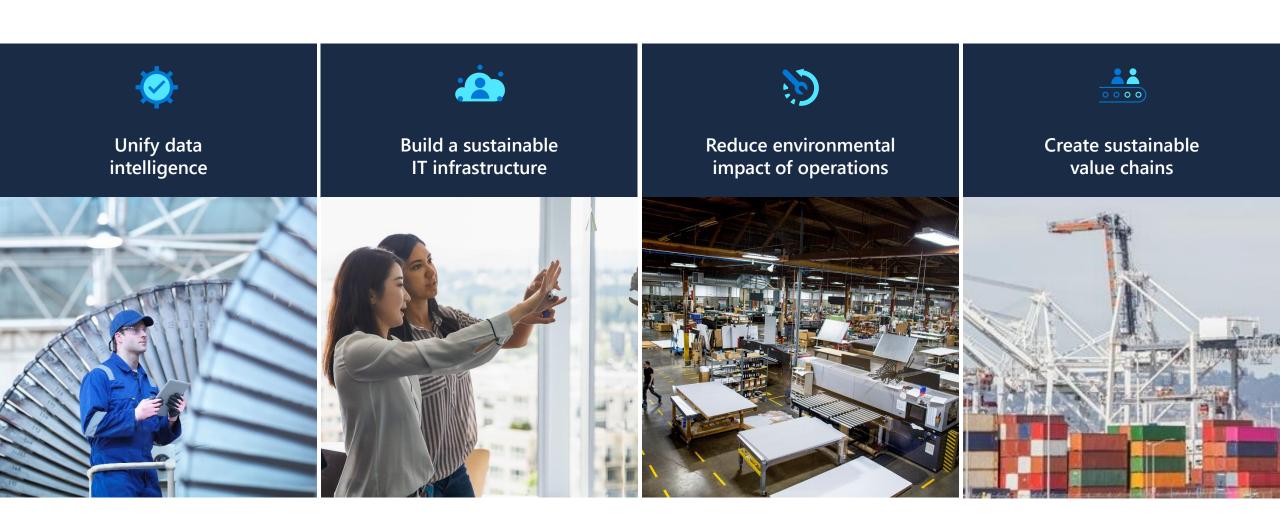


Session 1: Microsoft Sustainability Manager Architecture Walkthrough

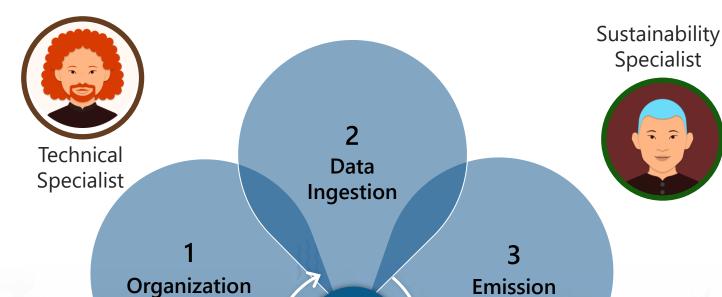


- Microsoft Cloud for Sustainability
 - Solution focus areas
 - Solution view

Microsoft Cloud for Sustainability accelerates sustainability progress and business growth



"I provide the requested data from my department to our sustainability team partners"



Solution

"I am responsible for all emissions reporting tasks at my company and help IT understand our emissions"

Microsoft
Sustainability
Manager
Solution
focus areas

Chief Sustainability Officer 5 Goals and Scorecard

Setup

4
Insights and reporting

Calculations



Emissions Analyst

"I analyze emissions data & send results of analyses to other stakeholders"

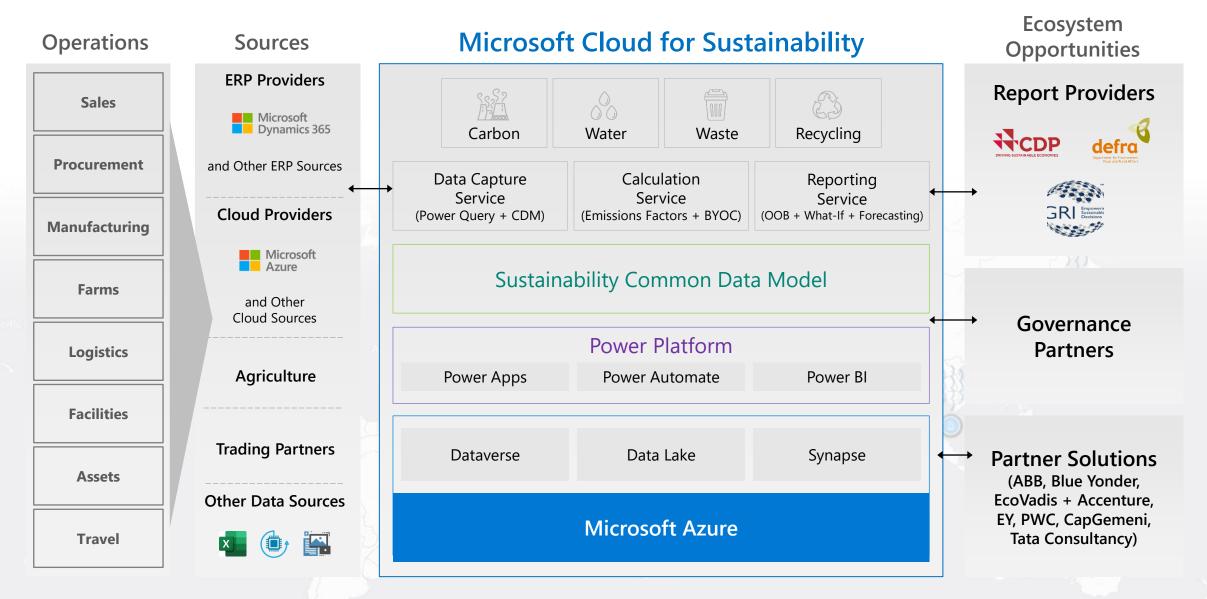


Compliance Report Writer

"I gather analyzed data from stakeholders and create the company's report for GHG compliance"

"I am responsible for an Organization's objectives and initiatives relating to sustainability"

Microsoft Cloud for Sustainability | Solution View





Session 2: Application components, Data model and Ingestion



- Process and Data flow, Application Components
- Data Model
- Ingestion

MSM Configuration Guide

Contextual, and actionable, in-app guidance and assets for every step of the configuration journey



Instruction

Step configuration Instructions



Docs

Access to Docs article in the context of the step



Glossary

Contextual definitions used at this step



Videos

Short clips demonstrating the step



Templates

Templates with schema details for easy import of data

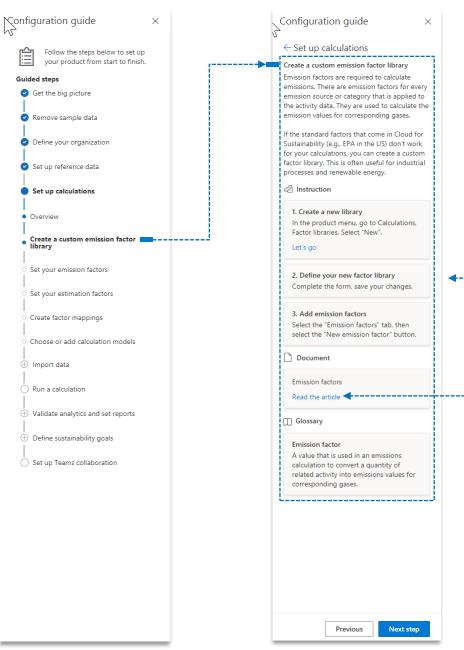


Actionable

Execution opening the contextual form or action to complete the step

Created as a **framework**

- Can be configurable
- Content can be localized.
- Can be expanded(partners) GA+
- Can be shared (across apps) GA+



The guide provides the recommended configuration path to secure success in the adoption and to bring value faster.

Each step can provide

different type of guidance artifacts to provide and immersive experience.

Also, the guidance is actionable with links to forms in context, documentation, templates or documentation.

Types of data



Master data

System and master data that will support the continuous flow of activity data, allowing for near real-time emissions calculations

Transactional data

Activity and calculated emissions data; this data will be ingested periodically

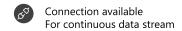
This is where **recording** happens

Data lake

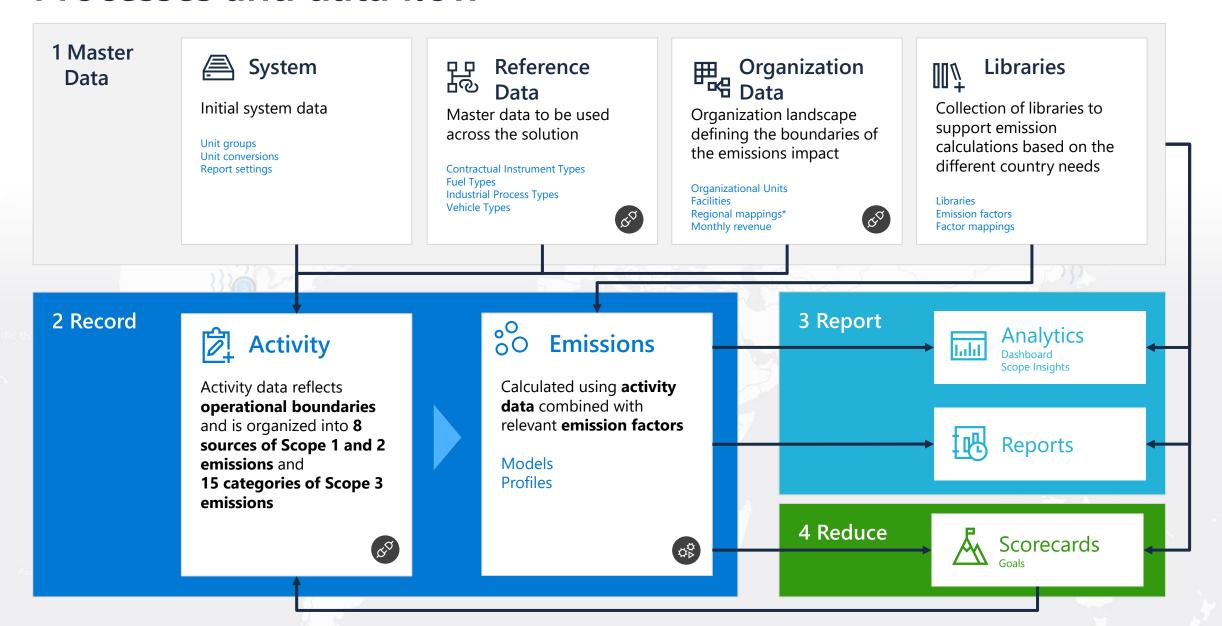
Analytical data

Data resulting from periodic calculations and combines master data; stored for optimal analytical purposes

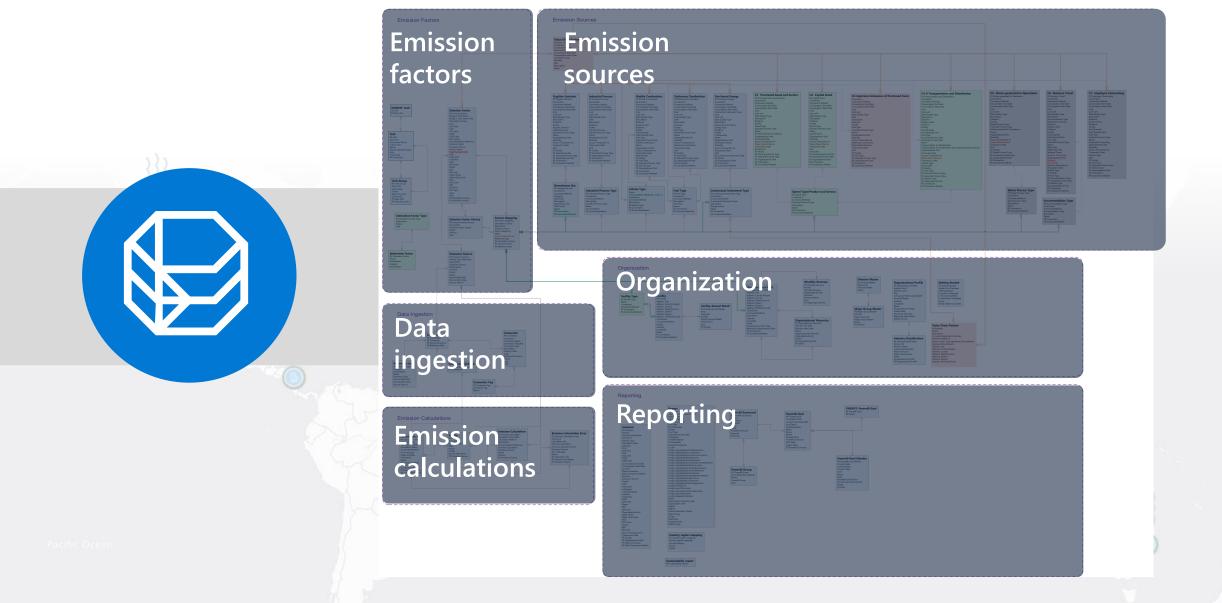
Reporting and **reduction** goals are use this data



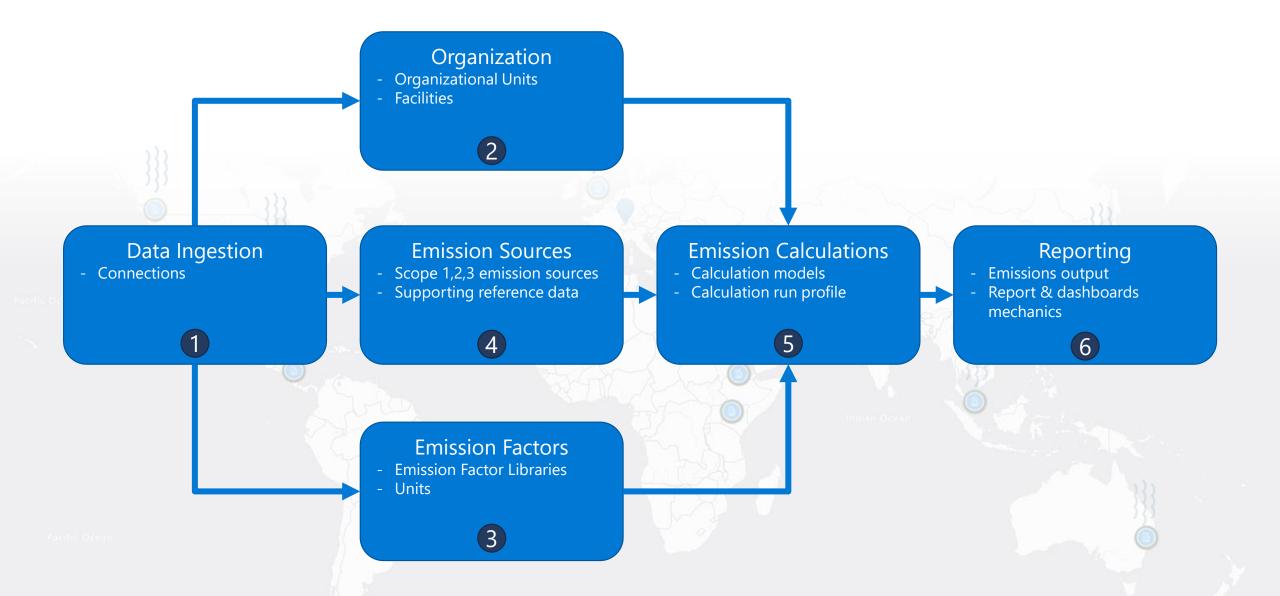
Processes and data flow



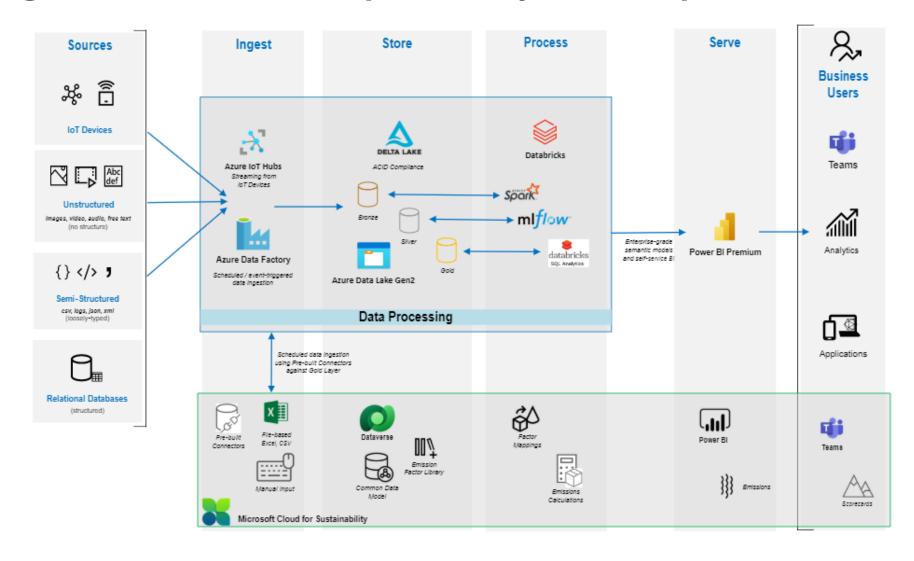
Sustainability Data Model



Data Model Functional Shape



Data Ingestion and Interoperability - Example





Session 3: Licensing and Geoavailability



- Licensing Tenant based and cost
- Geo-availability
- Partner Sandbox



Pricing



Microsoft Sustainability Manager pricing

Microsoft Sustainability Manager

USD4,000 per tenant, per month^{1, 2}



Microsoft Sustainability Manager solution



Dedicated customer support³



Microsoft Cloud for Sustainability data model

Key capabilities at general availability (GA), June 1, 2022

Record

- Increasingly automated data collection with prebuilt connectors
- Centralized emissions data from disparate sources
- Prebuilt methodologies to calculate GHG emissions across Scopes 1, 2, and 3⁴

Report

- Data analytics, visualization, and dashboards
- Actionable insights and performance tracking
- Configurable preparatory reports

Reduce

- Scorecards and goal setting
- Seamless collaboration with Microsoft Teams⁵
- Integrated sustainability insights

³ Technical support: Get a response to your most critical cases within one hour and unlimited access to technical resources.



Languages and Geo-availability



Localization and regional availability as of June 1, 2022

Languages

Basque | Bulgarian | Croatian | Czech | Danish | Dutch | English | Estonian | Finnish | French | German | Greek | Hungarian | Italian | Japanese | Latvian | Latvian Romanian | Lithuanian | Norwegian | Polish | Portuguese | Romanian | Russian | Serbian | Slovak | Slovenian | Spanish | Traditional Chinese | Turkish | Ukrainian

Deployable from North America and Europe

- ¹ Above pricing includes capabilities launched for GA; additional post-GA features may be subject to additional charge.
- ² License includes Dataverse entitlement capped at: Database (10GB/month), File (20GB/month); Log (2GB/month). Additional usage will require purchase of
- ⁴ Microsoft Sustainability Manager has the ability to store and report on emissions across Scopes 1, 2, and 3. The solution includes prebuilt calculation methodologies for Scopes 1 and 2 and several categories of Scope 3 at GA. Prebuilt calculation methodologies will be added in future updates for remaining Scope 3 categories. For more information, please visit Legal information page.
- ⁵ Microsoft Teams collaboration and chat is currently a preview feature. Collaboration capability requires Microsoft Teams license.



Microsoft

Microsoft Sustainability Manager pricing



- Contact your Microsoft account team or Microsoft Cloud Solution Provider to determine your unique licensing needs.
- Get started with Microsoft Sustainability Manager today
- Find more information in the Microsoft Sustainability Manager documentation.
- For additional information about Microsoft Cloud for Sustainability, visit http://aka.ms/cloudforsustainability.

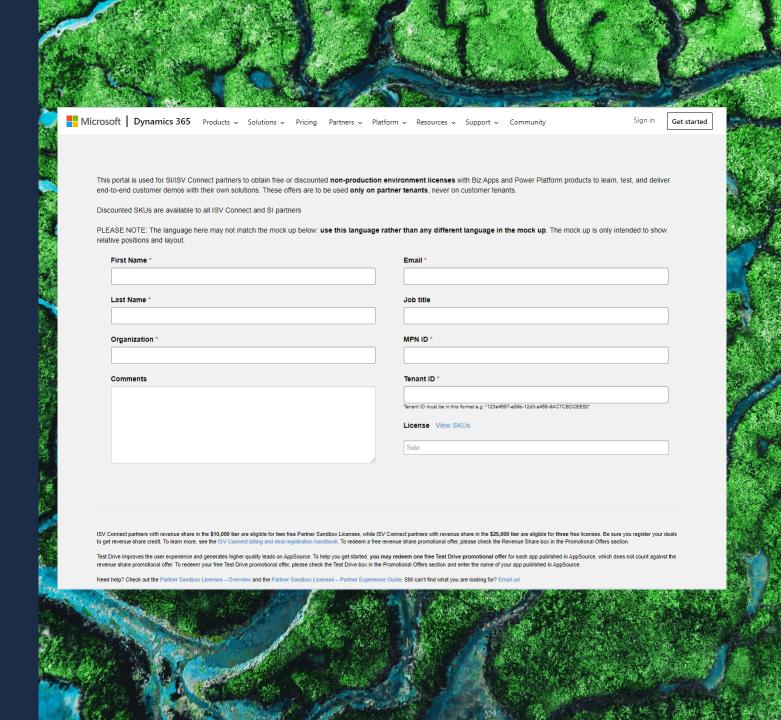


Partner Sandbox:

FREE! Does Not Expire!

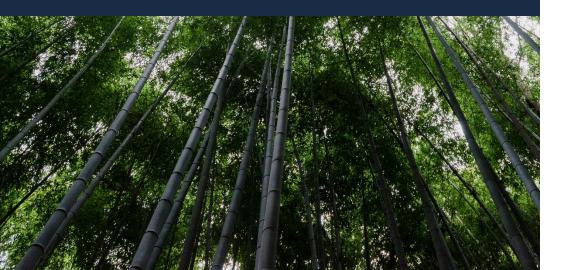
https://experience.dynamics.com/requestlicense

*Requires a credit card to activate





Session 4: Microsoft Sustainability Manager - Extensibility



Microsoft Sustainability Manager – Extensibility options

Extensibility options and practices



✓	Possible extension	×	Not supported
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Area	Options and Practices
Across MSM Application	✓ Can perform general Power Platform extensibility, such as AI Builder integration*, Power Automate Flows and RPA*, new plugins, and Canvas apps. *With appropriate licensing
Organization Setup	× Reference data does not support scheduled refreshes for connections
Data Ingestion	 ✓ Can add custom tables ✓ Can add custom fields to existing tables ✓ Partners can create custom connectors to be deployed in customer environments. X Activity data fields are not customizable X MSM strictly adheres to the GHG protocols, so you cannot add new Scope 1,2,3 Emission Sources
Emission Calculations	 Calculation of same Activity data with two or more Calculation methods is not supported
Insights and Reporting	 ✓ Can Create Custom PBI Reports ✓ Can export data from MC4S into platforms, such as an ERP system, Tableau, Azure Stream Analytics, Databricks, and Snowflake × Reports automatically refresh every 30 minutes, and the timing cannot be adjusted.
Goals / Scorecard / Collaboration	 ✓ Reduction data, such as scorecards, goals, and check-ins can be exported into other platforms ✓ MS Teams collaboration message view can be customized to show fields relevant to an organization × Automatic goal check ins occur once every 24 hours, and the timing cannot be adjusted.



Thank you and over to Hands on Labs

