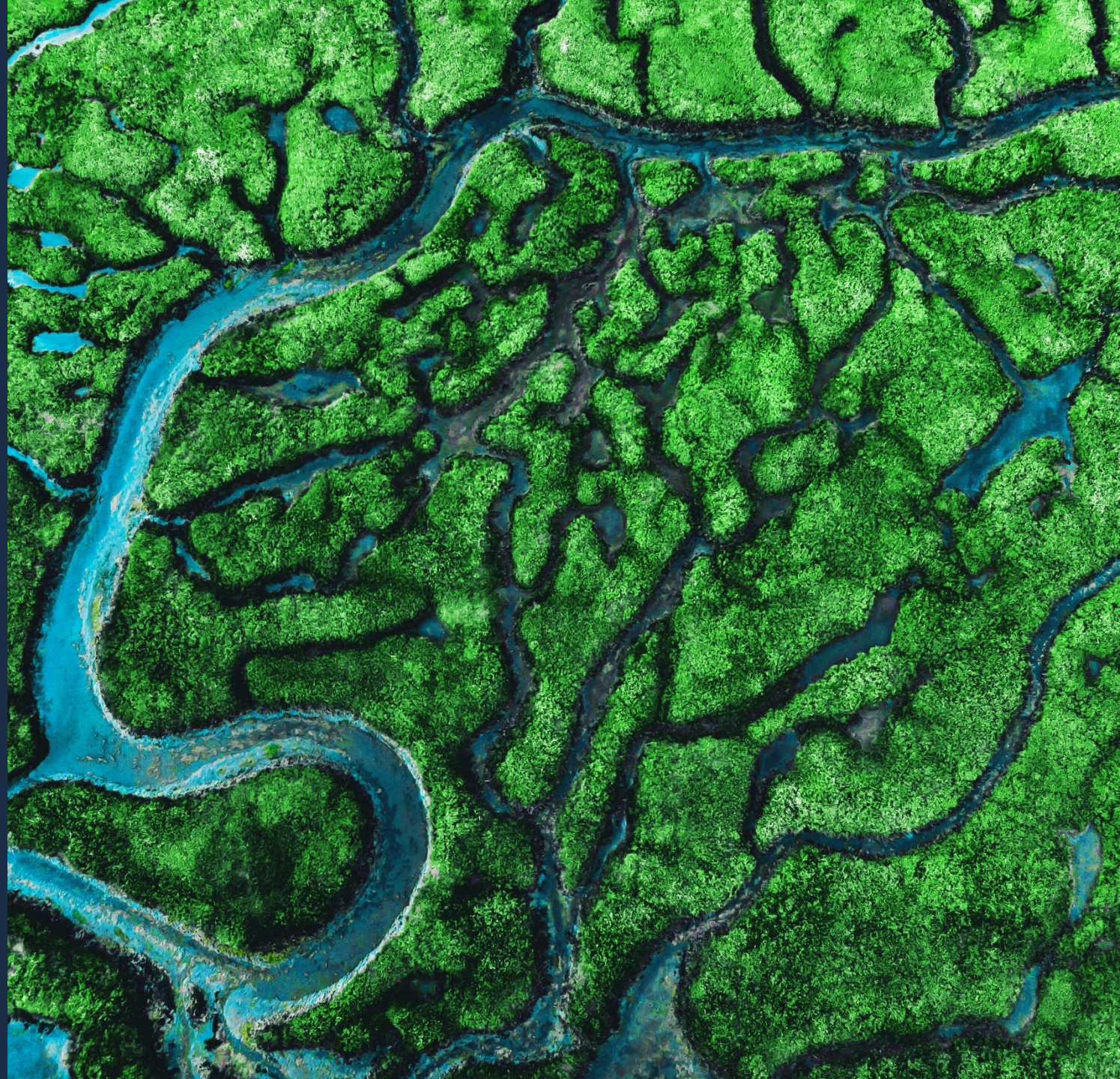
Agenda

1. Sustainability journey
2. Microsoft Cloud for Sustainability
3. Microsoft Sustainability Manager
4. Emissions Impact Dashboard
5. Next Steps

Microsoft Sustainability Journey



Decades of action

Our history 2009-2019

2009
First carbon emission reduction goal

2012
100% carbon neutral
Internal carbon fee instituted

2016
Zero-waste campus certification

2017
AI for Earth launch
LEED Gold certification for new datacenters

2018
Supplier carbon engagement in China launched
Net zero potable water
Silicon Valley campus groundbreaking

2019
Carbon fee raised to $15
Water replenishment goal set

Our commitments 2020-2050

2025
Operate with 100% renewable energy

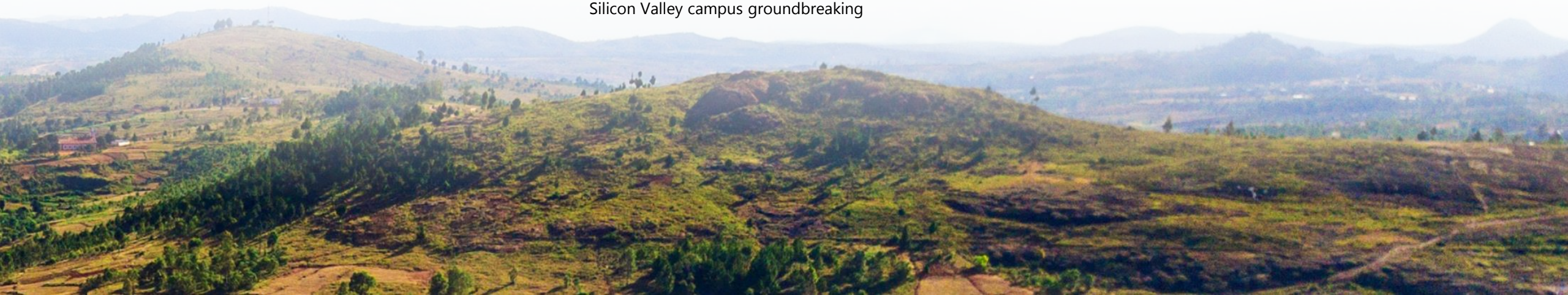
2025
Protect more land than Microsoft uses

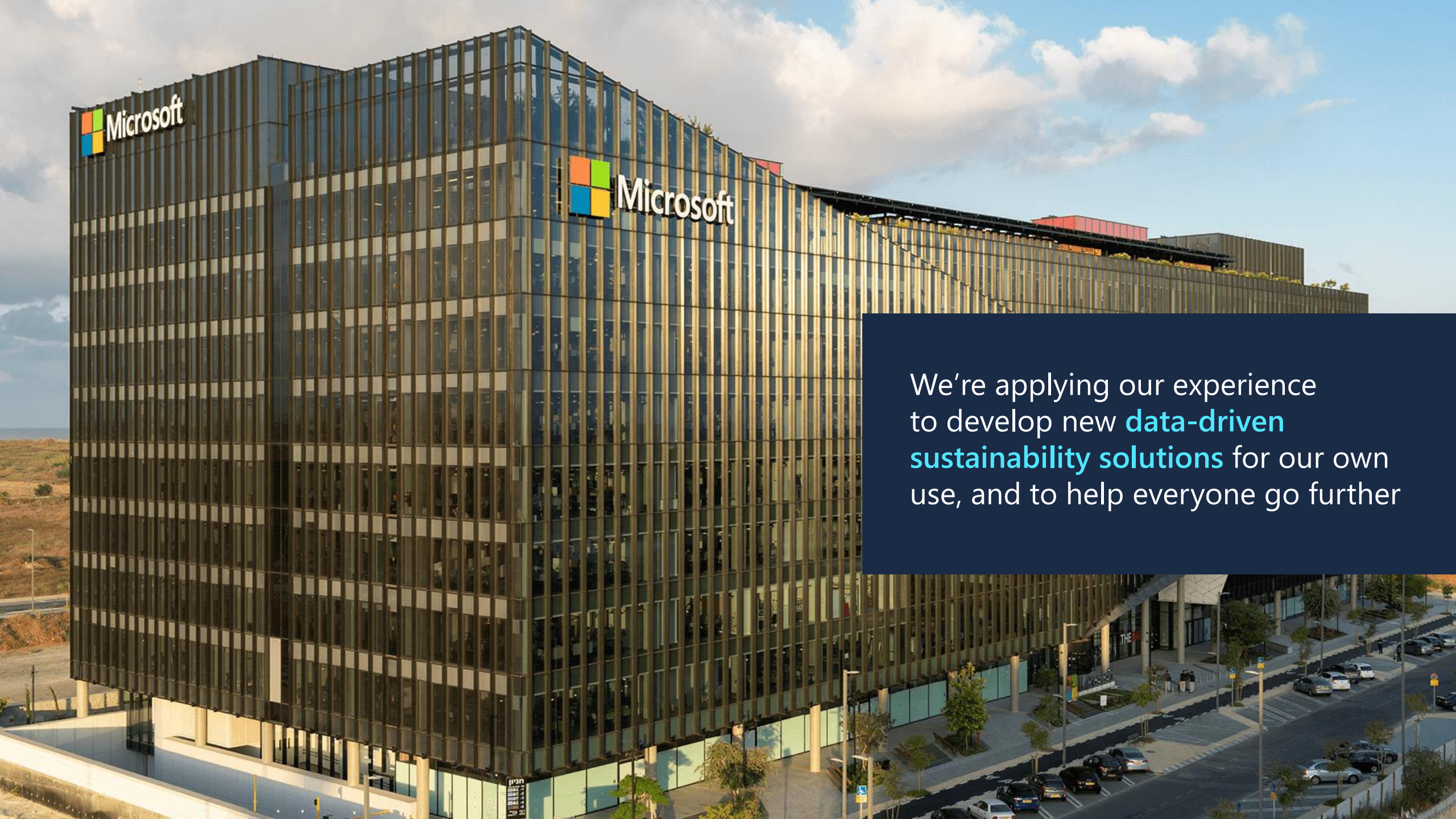
2030
Become carbon negative

2030
Become zero waste

2030
Become water positive

2050
Remove all historic emissions





We’re applying our experience to develop new **data-driven sustainability solutions** for our own use, and to help everyone go further

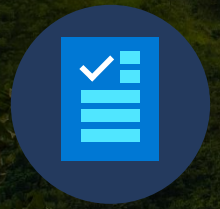
The Drivers, why now…

Consumer Demand

Consumers demanding more from their brands: 60% would pick a lower-impact brand given the choice.[1]

Investor Pressure

Institutional investors incorporating environmental considerations into their investment decisions: 71% agree that there must be increased actions to tackle climate change.[2]



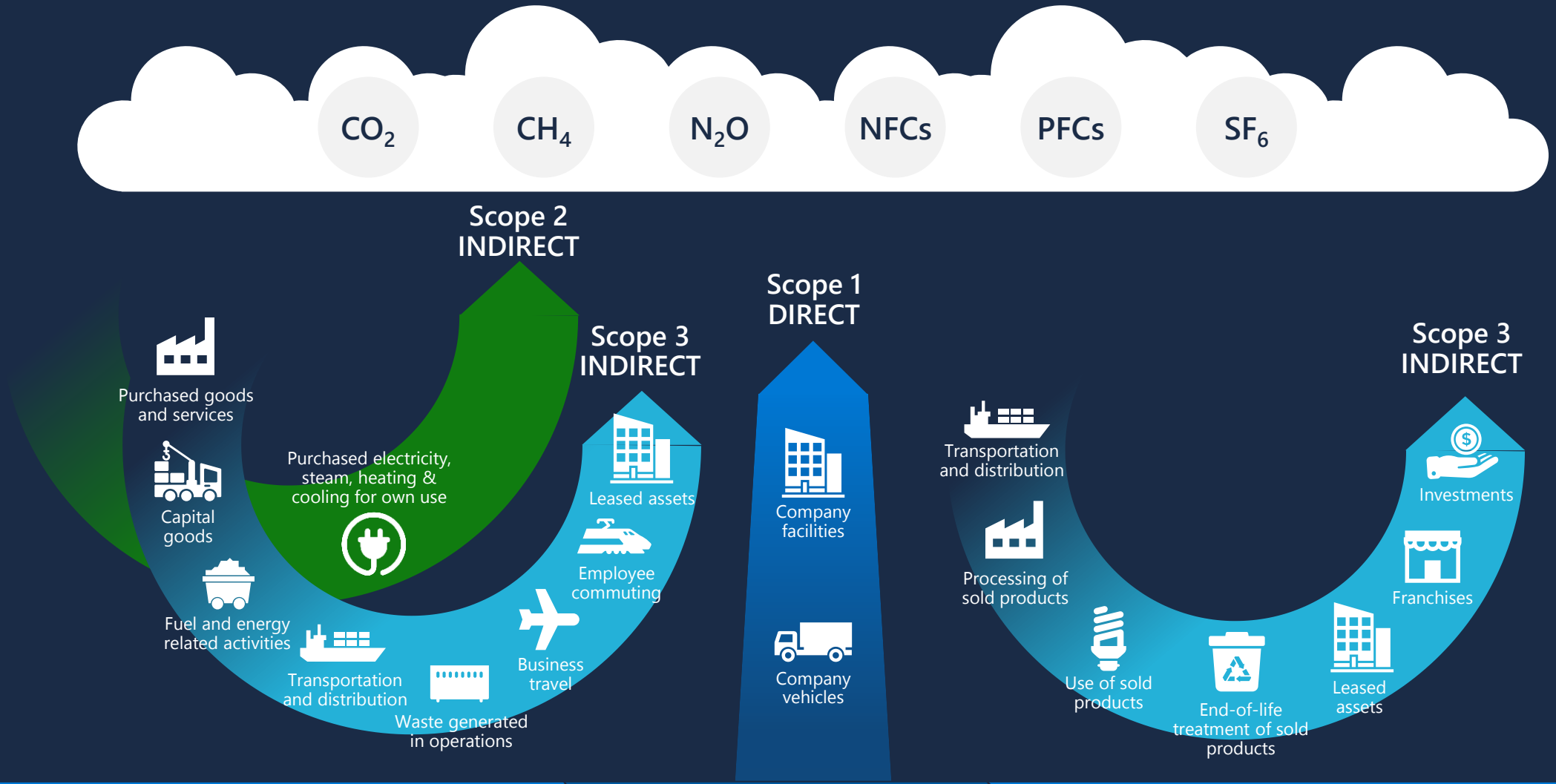
Regulation

New and proposed regulatory requirements drive a need to capture data on current emissions and reduce future environmental impact.

[1] PwC Tech Landscape: Sustainability Solutions
[2] Accenture COVID-19 SDG Impact Report

Targeted investments deliver greater value

Scopes and emissions across the value chain

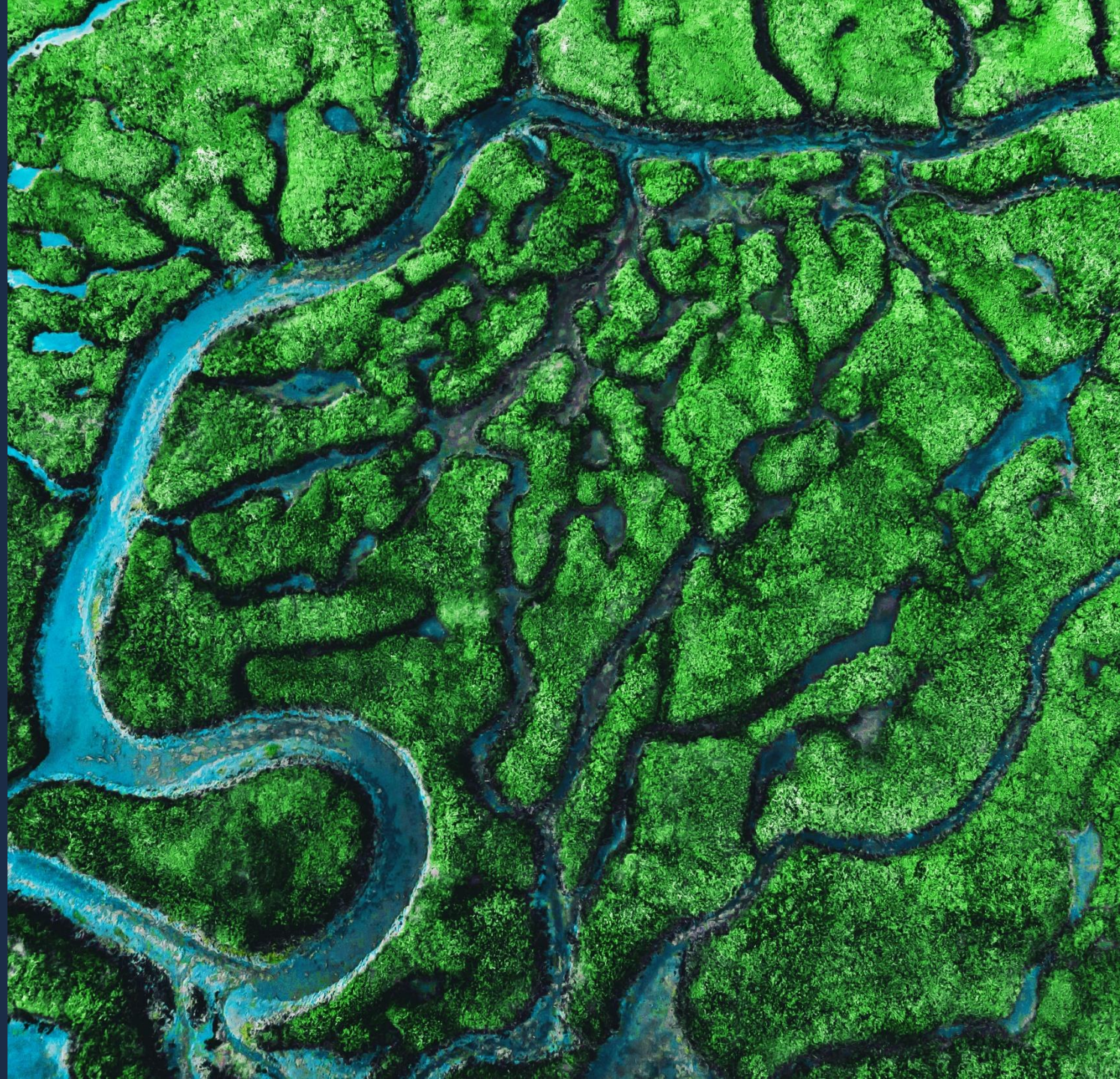


"Technical Guidance for Calculating Scope 3 Emissions," Greenhouse Gas Protocol

Sustainability challenges

- Lack of standards
- Slow manual processes
- Siloed data
- Value chain transparency
- Capital investment tradeoffs

Microsoft Cloud for Sustainability



Microsoft Cloud for Financial Services

Microsoft Cloud for Healthcare

Microsoft Cloud for Manufacturing

Microsoft Cloud for Nonprofit

Microsoft Cloud for Retail

Microsoft Cloud for Sustainability

Microsoft Cloud

Modern work

Business applications

Infrastructure

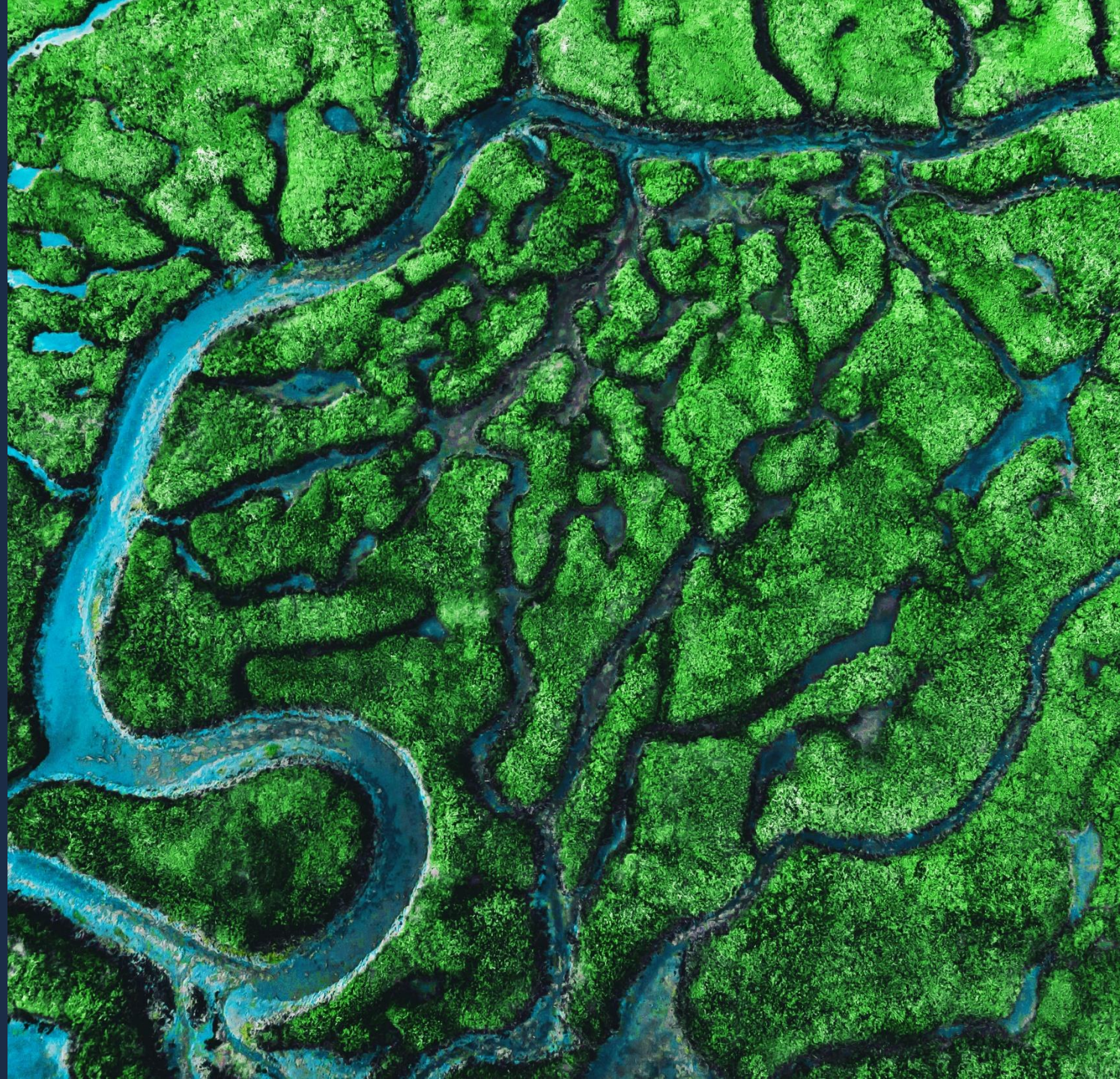
Digital and app innovation

Data & AI

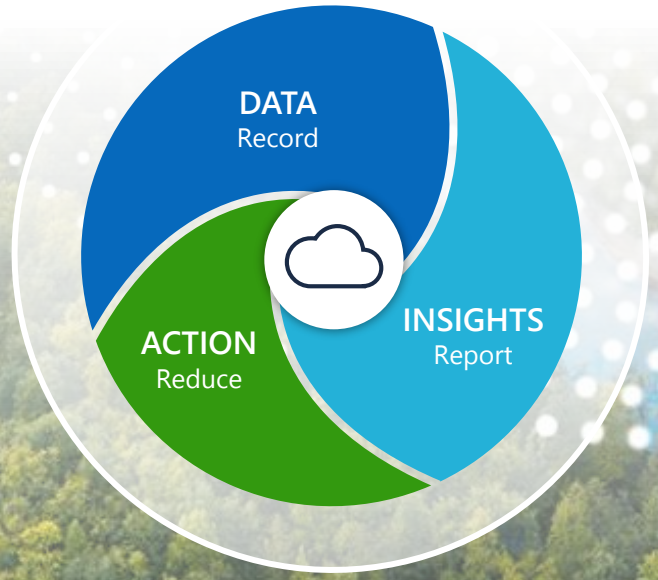
Security

The most trusted and comprehensive cloud

Introducing Microsoft Sustainability Manager

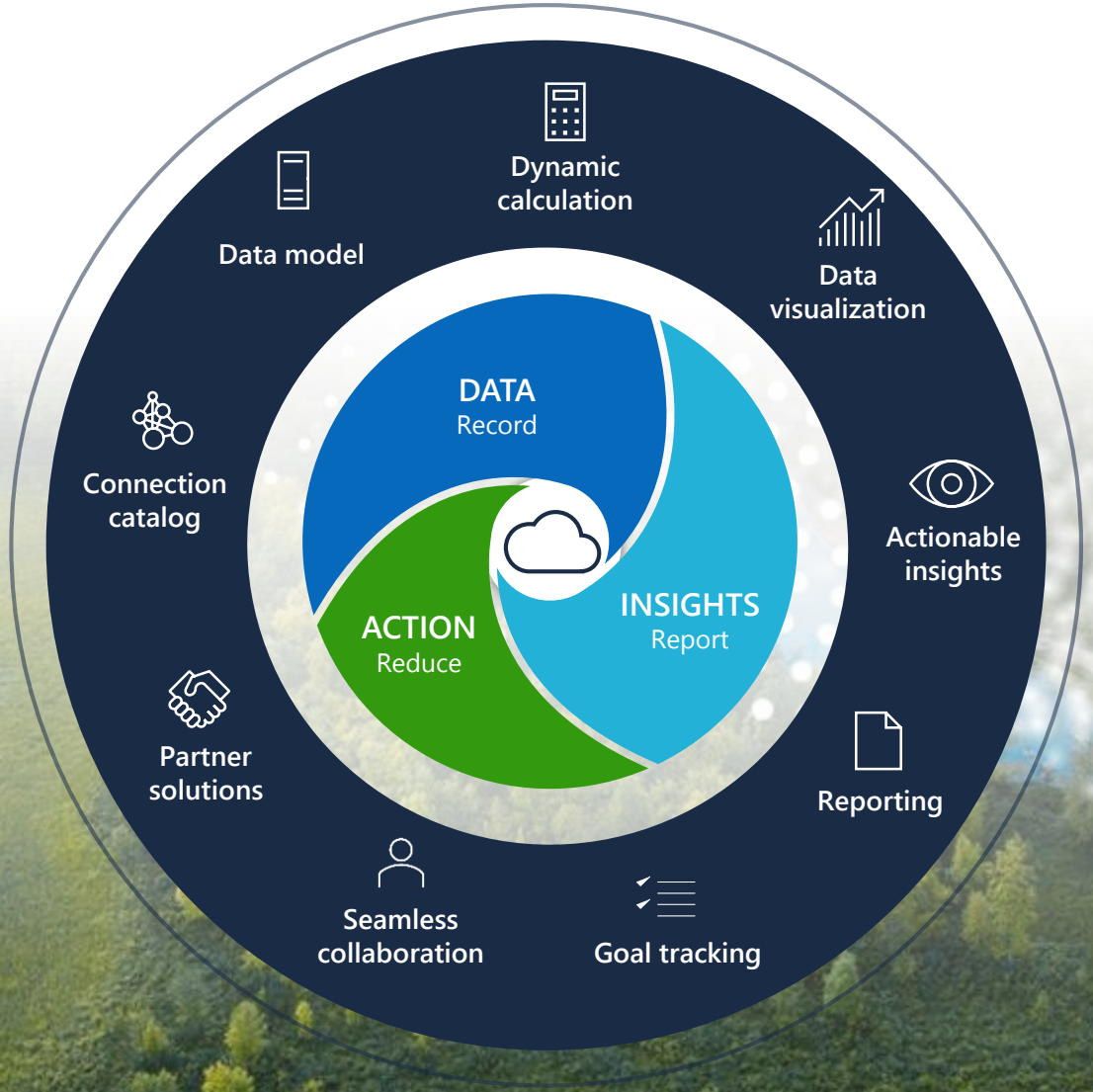


Record, Report and Reduce: Microsoft Sustainability Manager

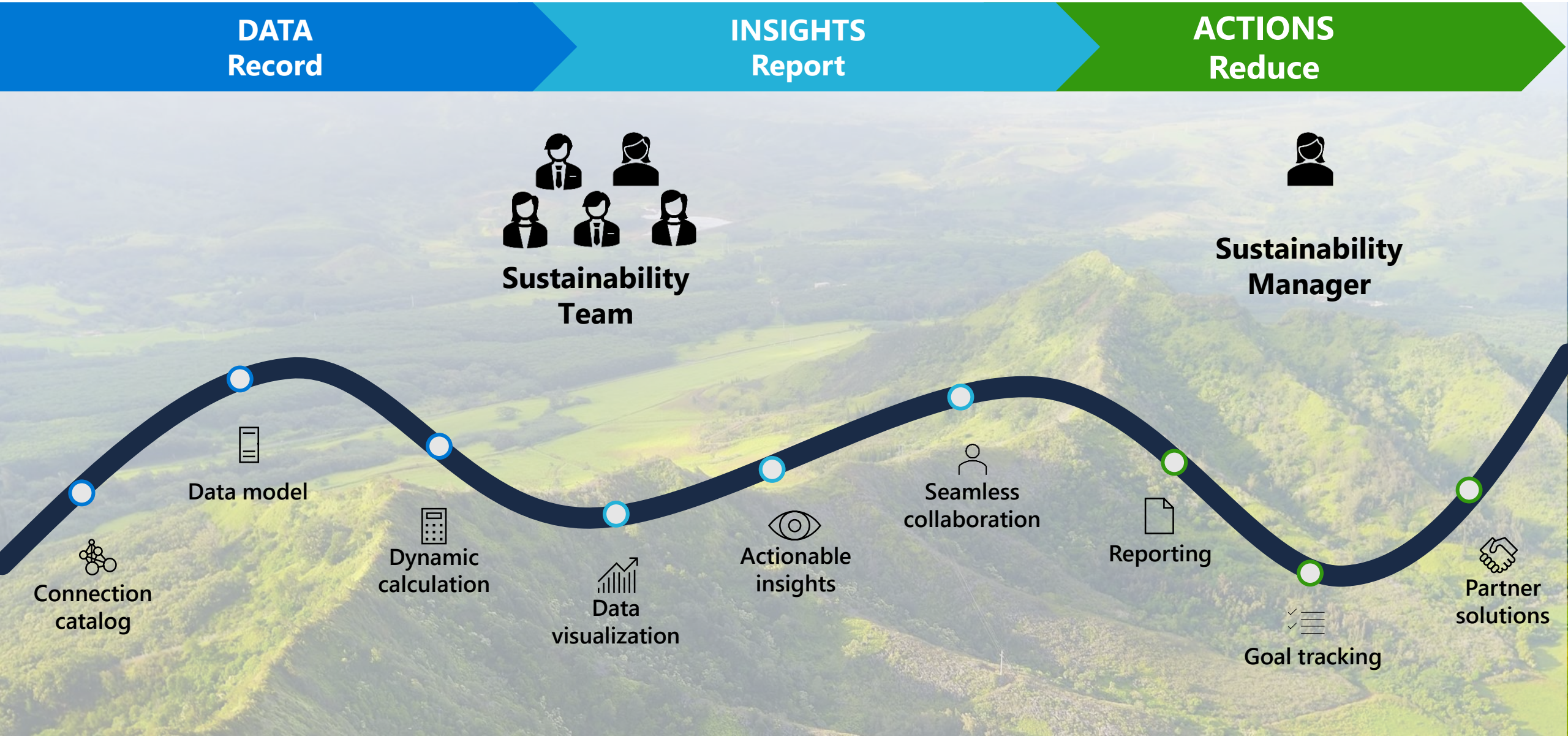


Using data to drive insights, results
—and transformation

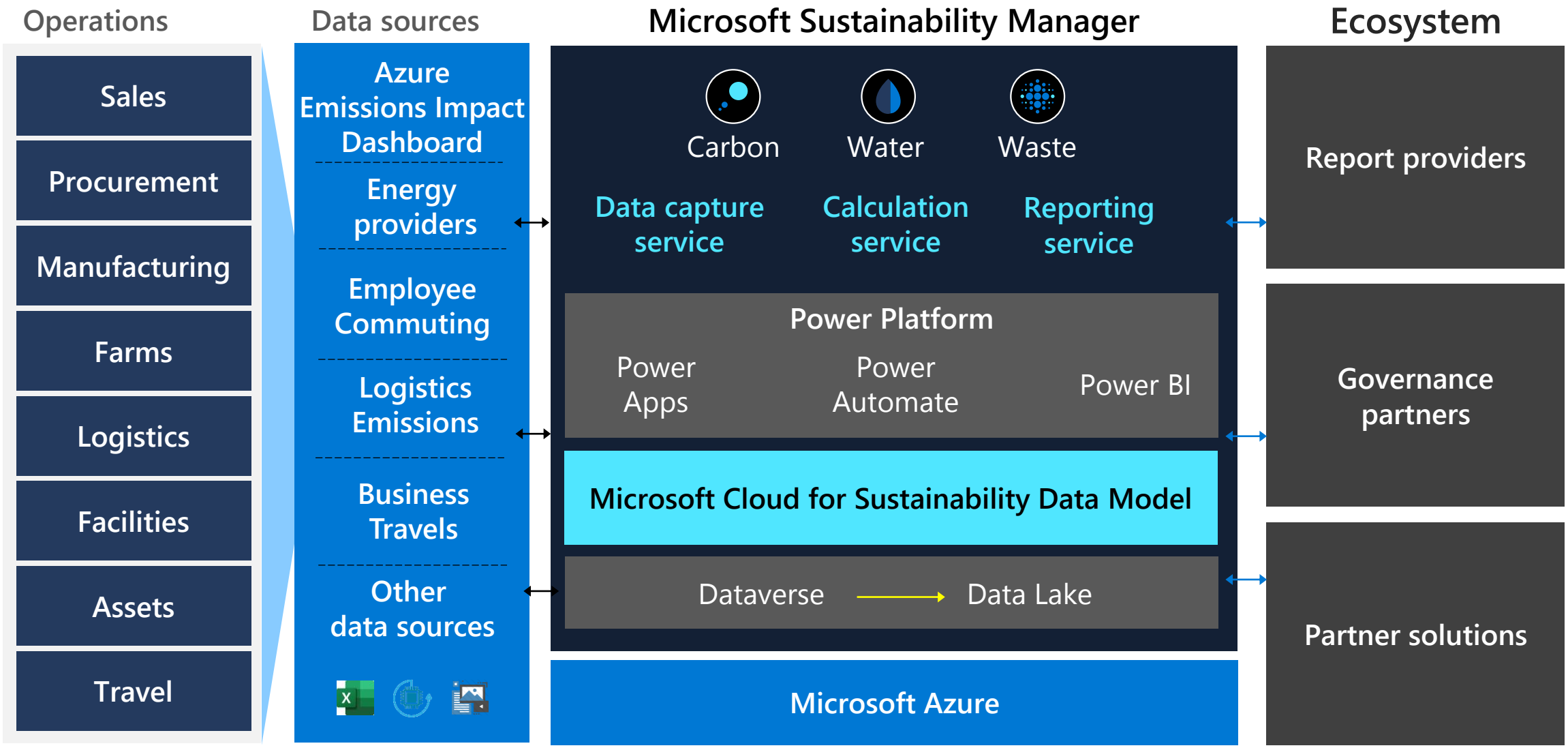
Microsoft Sustainability Manager main capabilities



End-to-end Sustainability Journey



High Level Solution Overview



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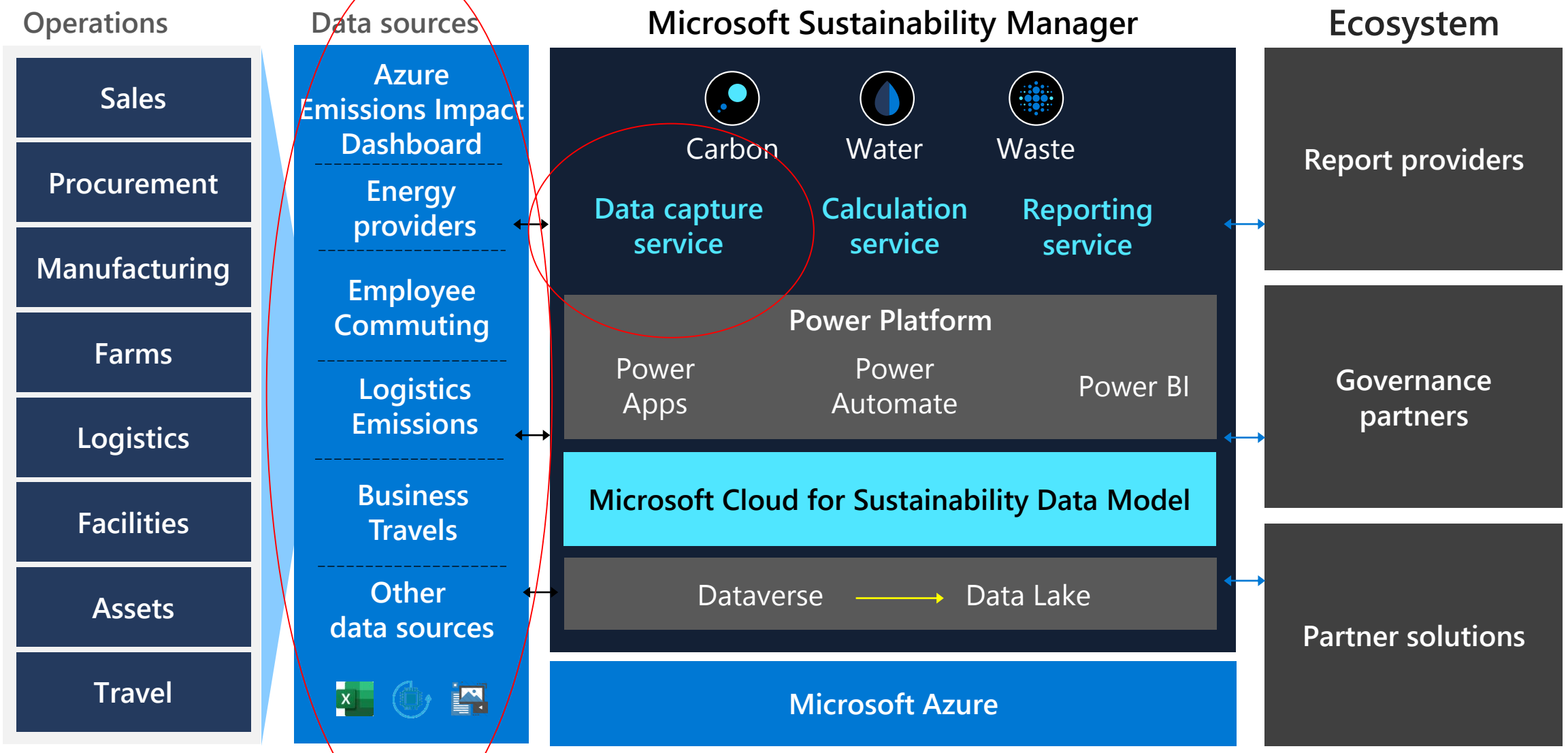

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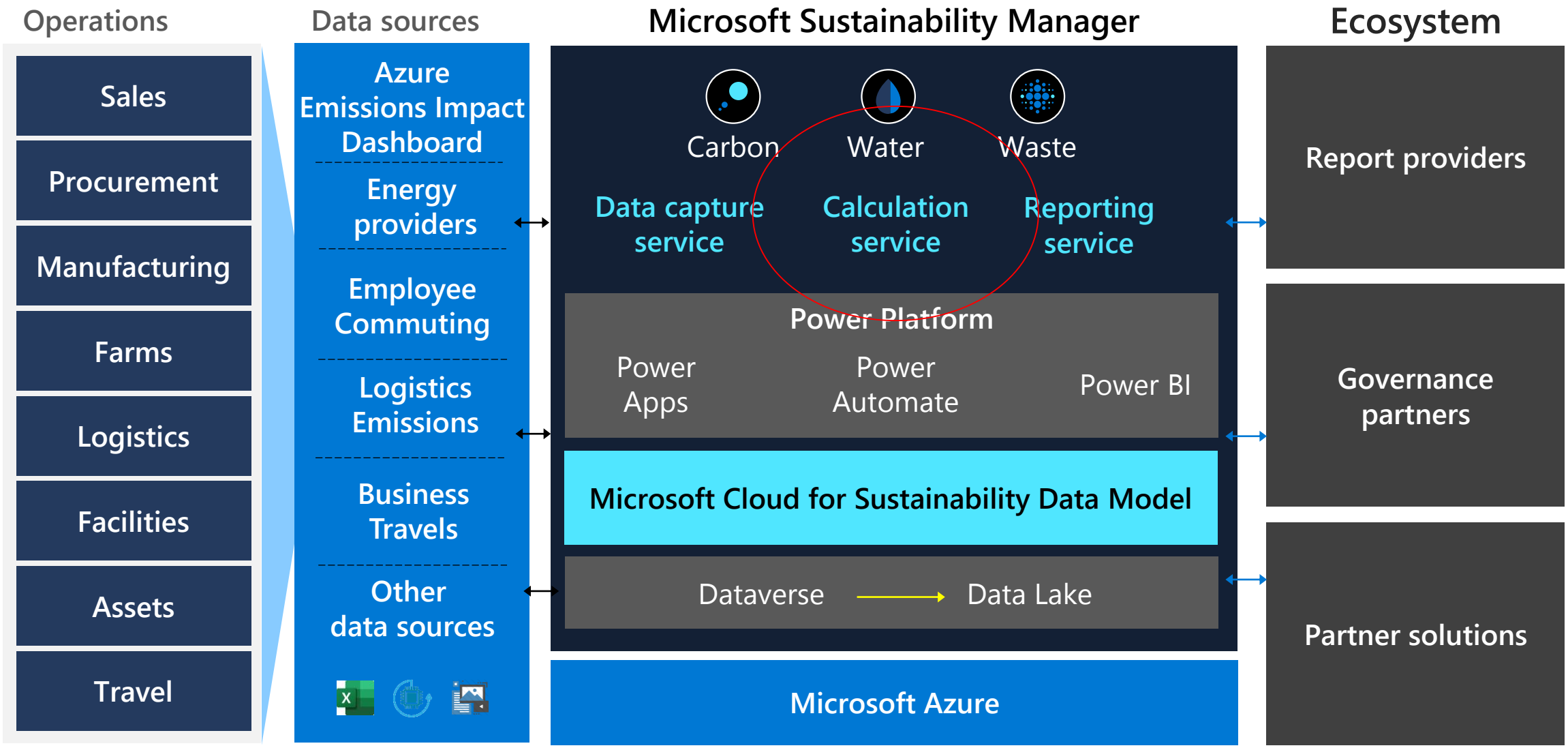

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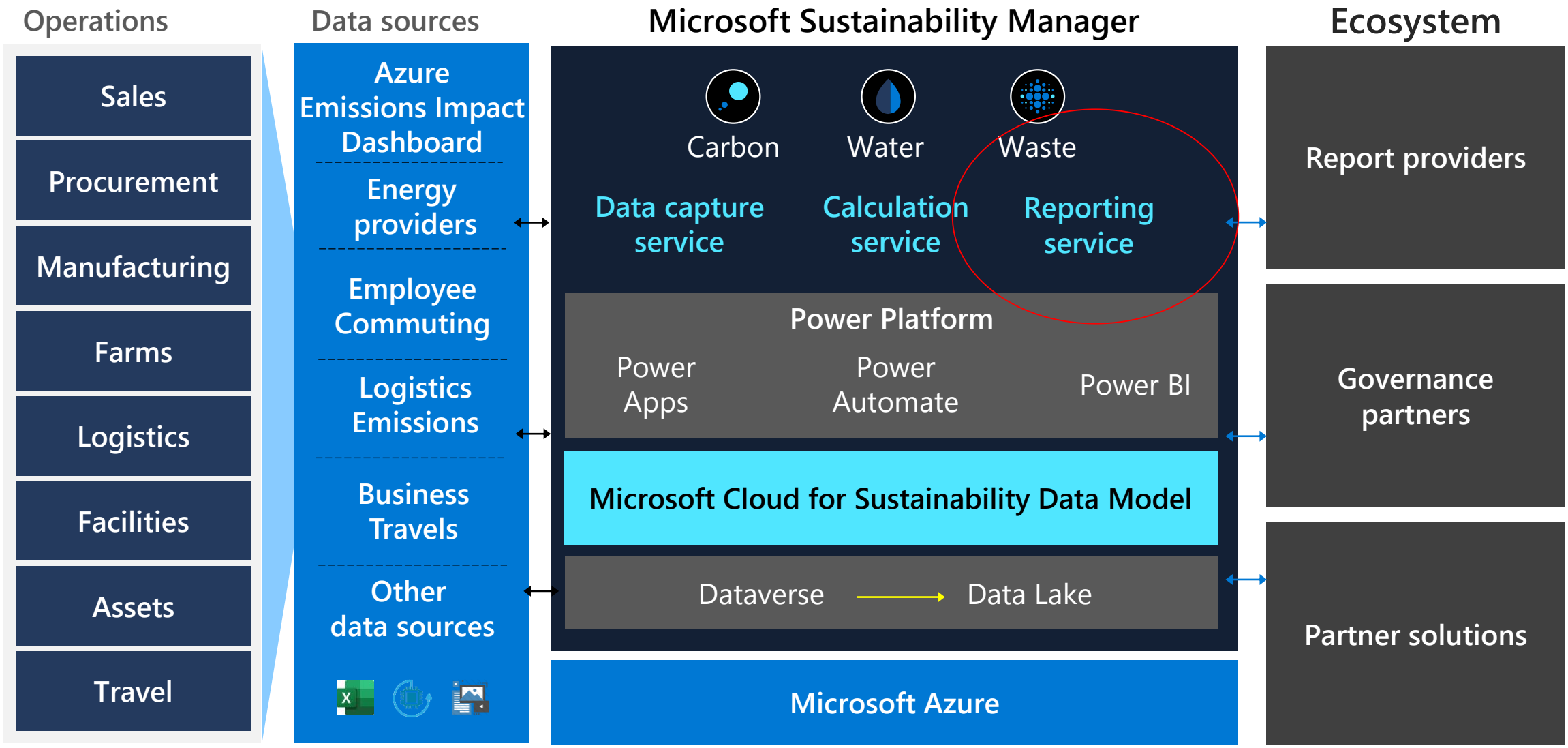
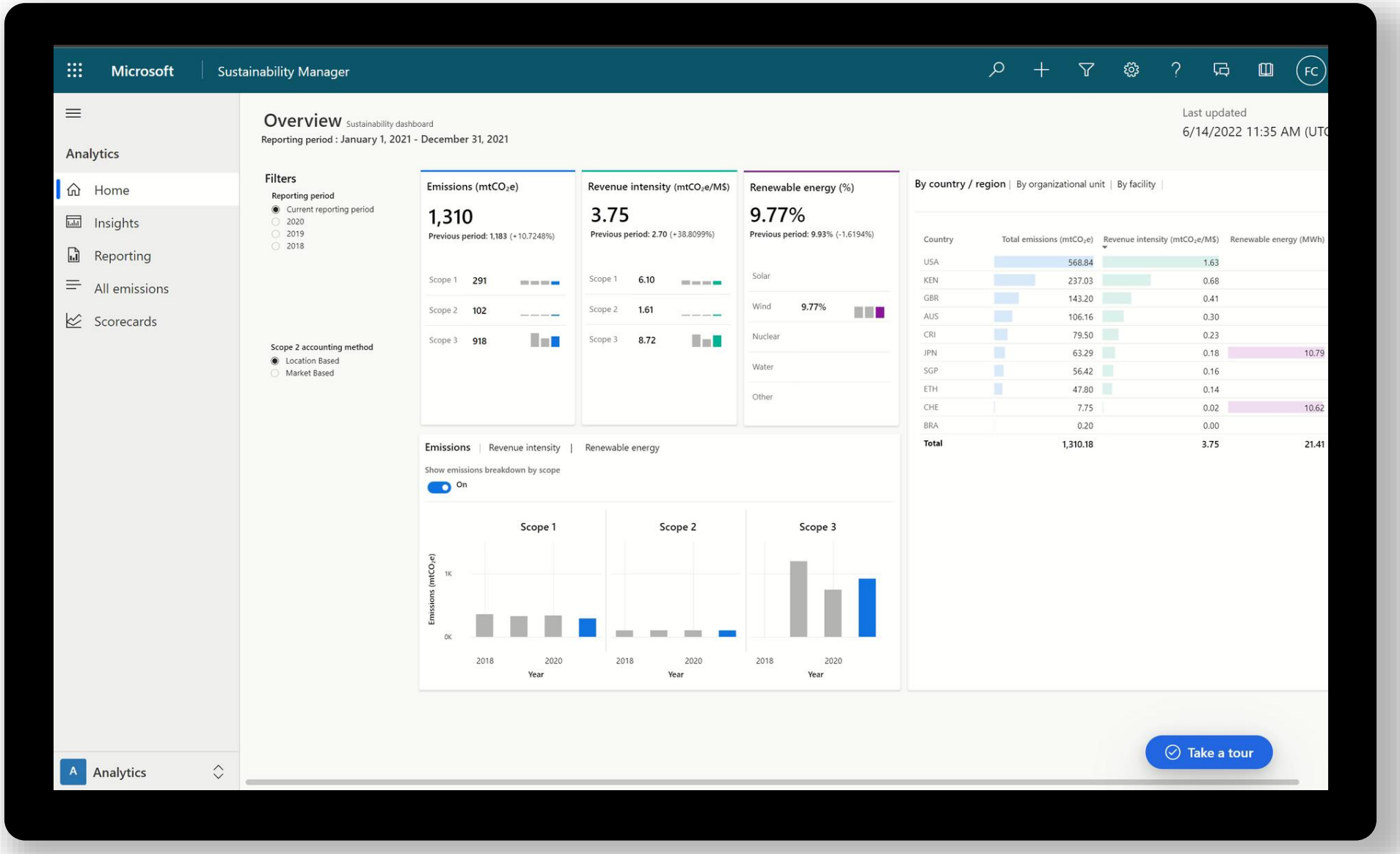
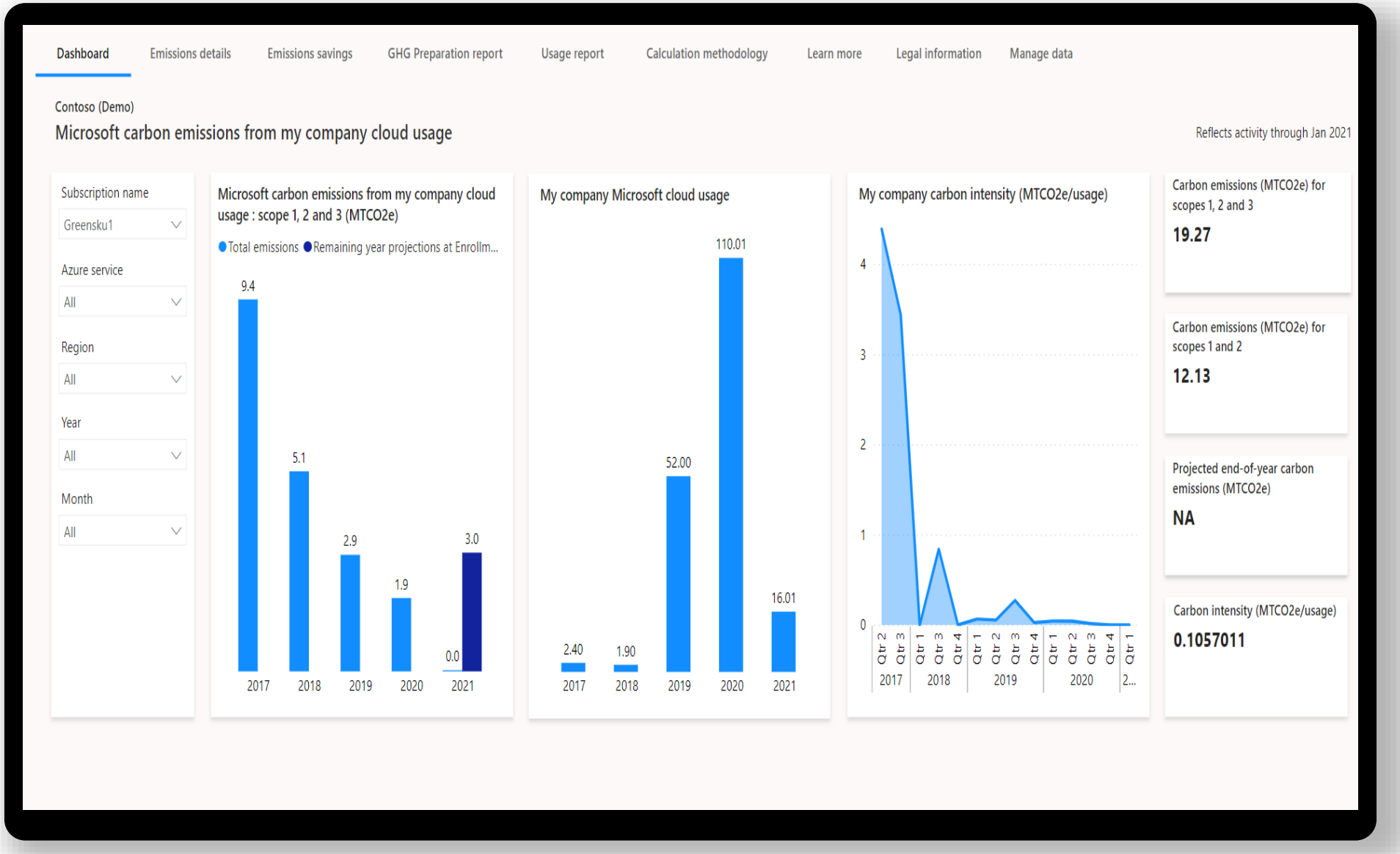


Sustainability Manager – Report & Reduce



Emissions Impact Dashboards

Carbon Emission from my company's cloud usage



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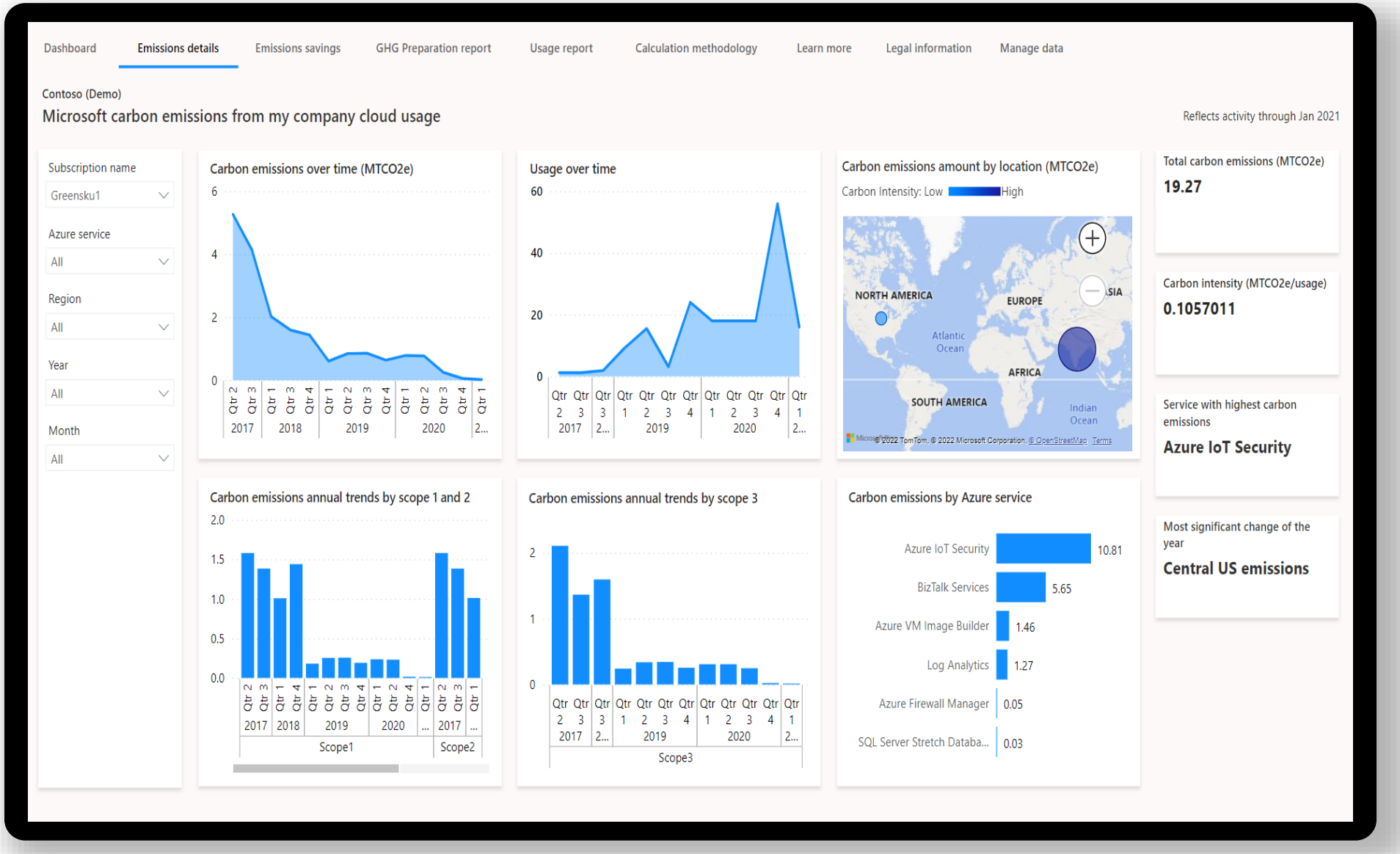

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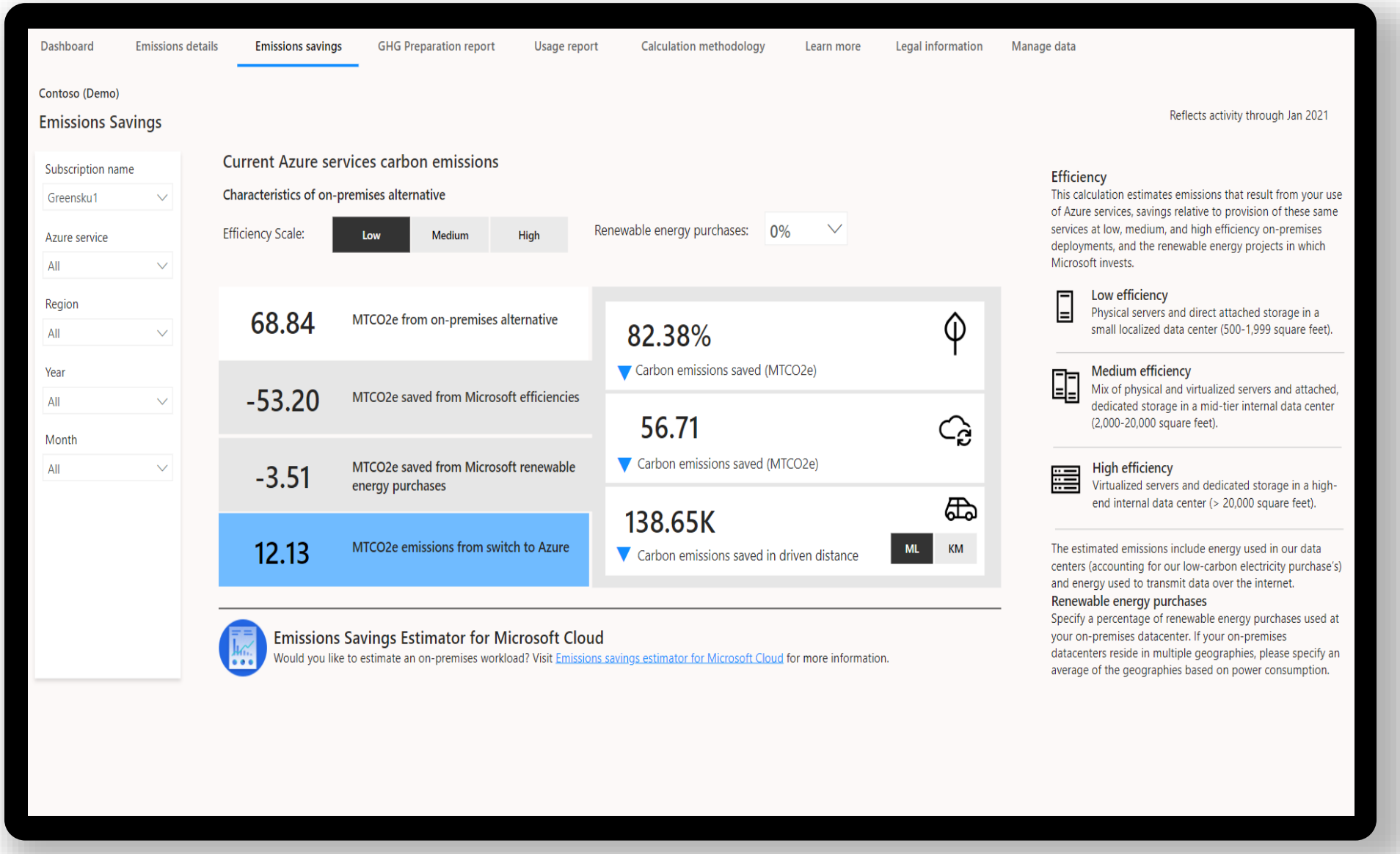
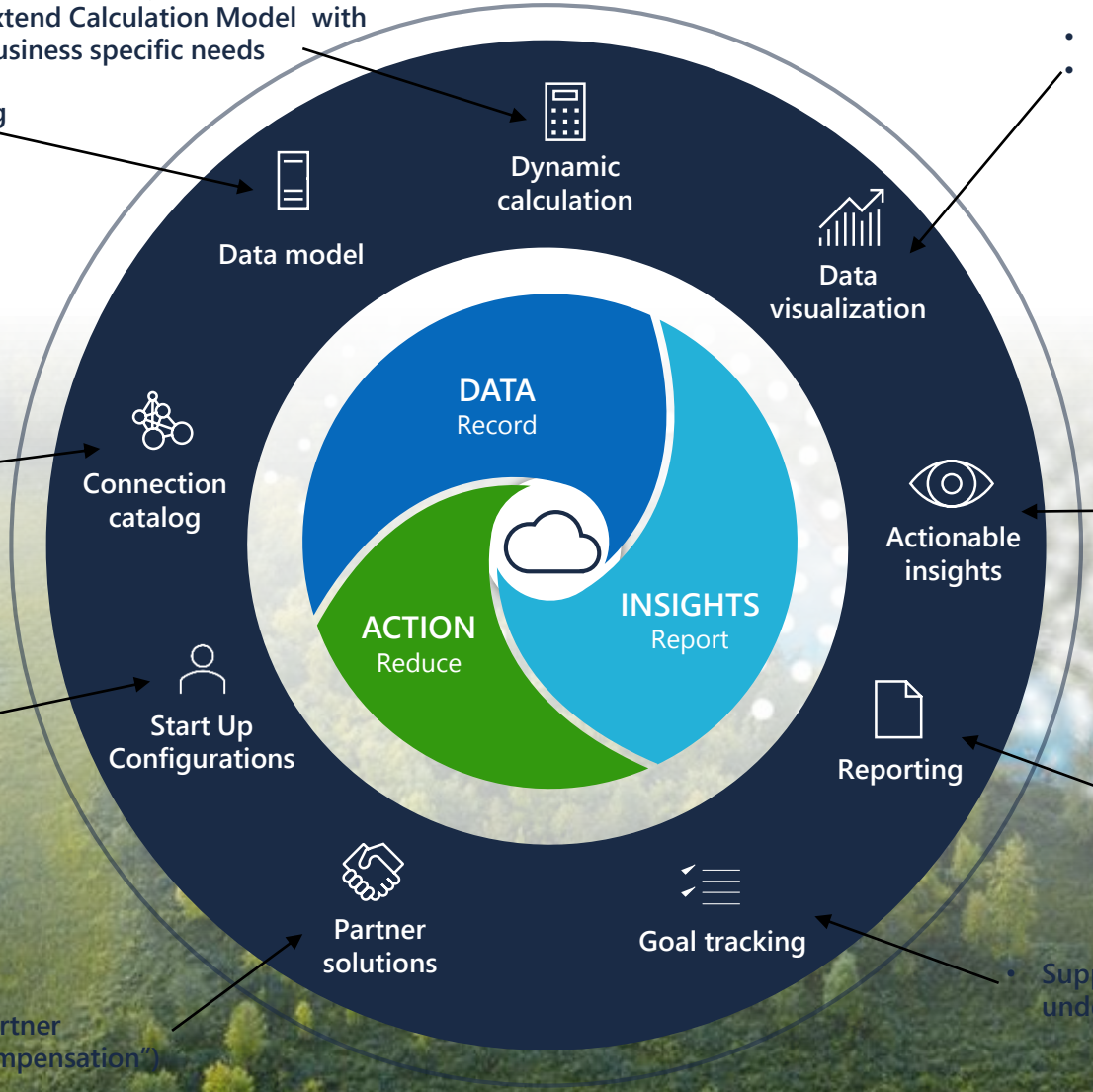


Next Steps

Microsoft Sustainability Manager : Cluster Reply Offering



- Support Calculation Model understanding
- Extend Calculation Model with business specific needs

- Support Data Model understanding
- Extend data model with business specific needs

- Support Standard BI understanding
- Extend BI Reporting with business specific needs

- Work on clearly define Data Sources
- Extend data sources\connections catalog

- Suggest Customers with new Insights driven by other on field experiences

- Work on clearly define C4S Objectives
- Support Customer to install the solutions and perform base configurations

- Support Report understanding
- Extend Operational Reporting with business specific needs

- Support Emission Goals and KPI understanding

- Extend MS Solution with Partner Solutions (i.e. "Emission Compensation")

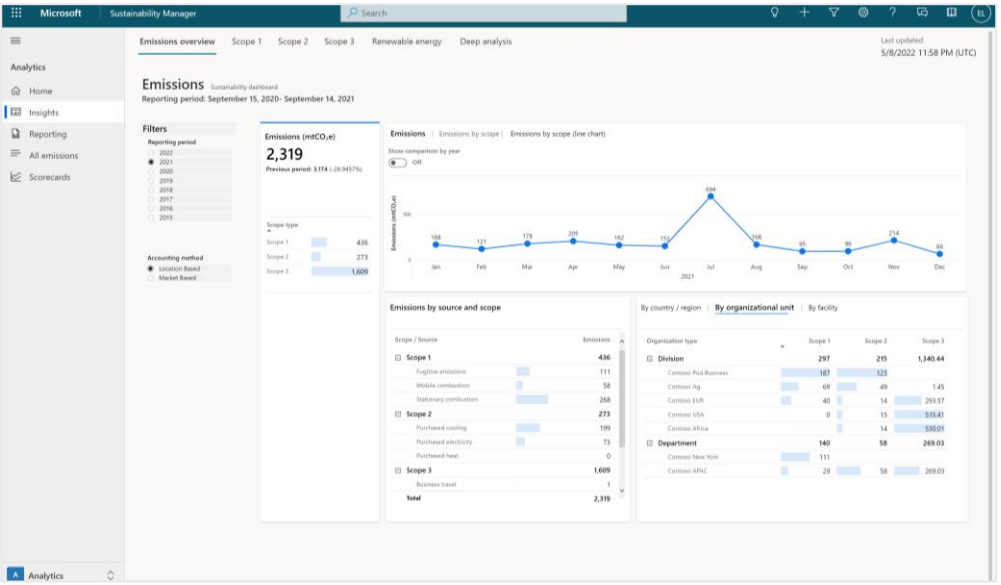
Possible Adoption Path

Steps to adopt Microsoft Sustainability Manager

- POC Approach:
  - Install (with Cluster Reply support if needed) Trial Version
  - Try to envisioning possible data sources and implement someone
  - Work with Cluster Reply to understand better need and capabilities on Record, Report and Reduce areas.
- Receive from Cluster Reply a rough esteem on professional services needed (hopefully analyzed during work shops)
- Acquire MS License & Professional Services
- Starting Adoption

Customer One: Microsoft

Operationalizing our sustainability reporting on Microsoft Sustainability Manager



In the 10+ years of sustainability work at Microsoft, we have learned the importance of setting bold ambitions, driving a culture of success, and measuring progress in a transparent, data driven way.

From our internal carbon tax to our sustainability data infrastructure, we are pioneering **new data collection**, **calculation**, and **reporting** across our enterprise and into our supply chain. Now, **these learnings, solutions, and experiences are driving capabilities within Microsoft Sustainability Manager**.

Microsoft

Data governance

Our need for data stewardship, provenance, governance, and accountability is informing our solution roadmap

Data models

Common data models across carbon are tested against Microsoft's reporting data to ensure quality and accuracy

Reliable data foundation

We use Data Lakes and Synapse to collect, cleanse, and connect data across Scope 1 and 2, with plans to include Scope 3

Microsoft

Thank you.

Microsoft.com/sustainability