



# Sustainability + Security

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# Agenda

- Market Trend
- Why we are talking = Better Together
- Industry need – e.g.
- Mandates - Across Organization
- Microsoft Solutions
- Research – TerraPower



# Market Trend

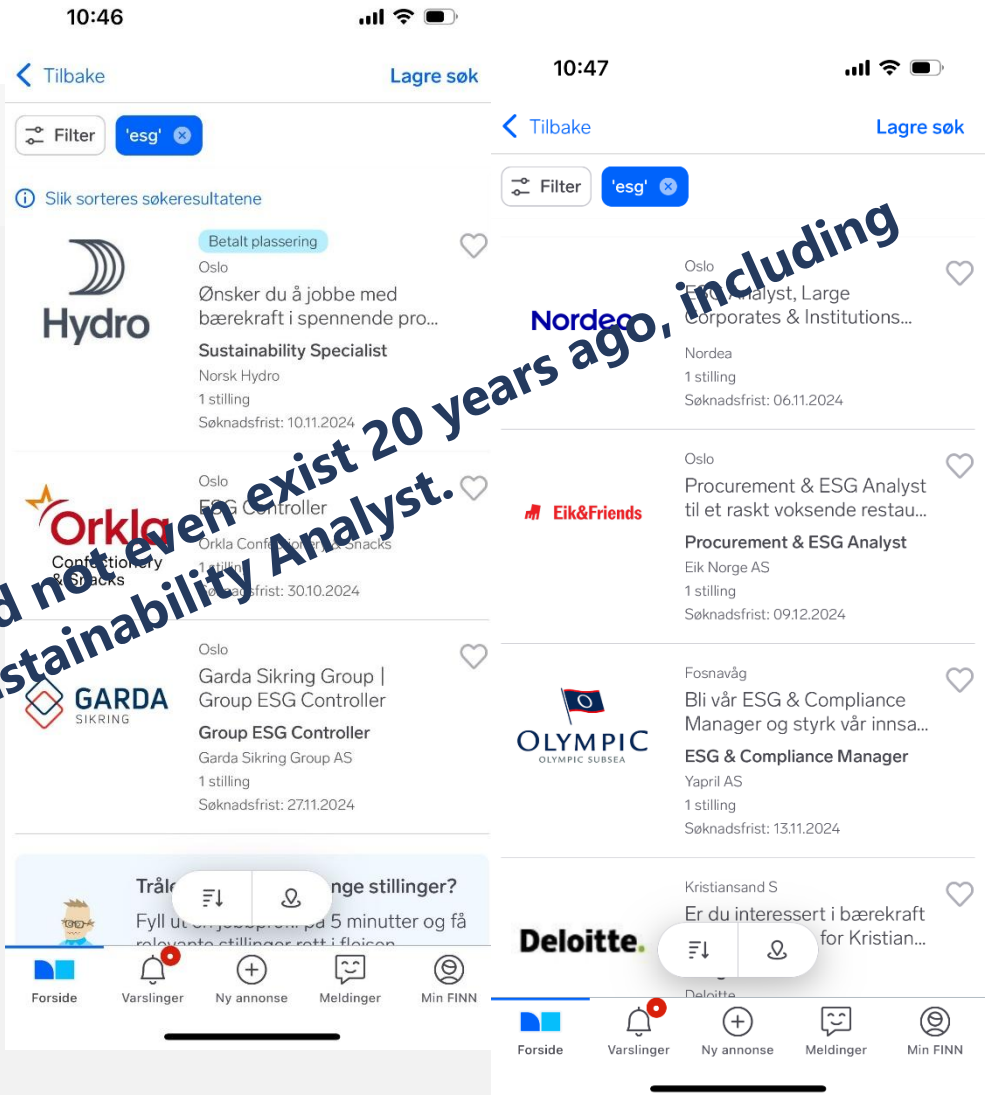
## Fastest growing

### Top 10 fastest growing jobs

1.	AI and Machine Learning Specialists
2.	Sustainability Specialists
3.	Business Intelligence Analysts
4.	Information Security Analysts
5.	Fintech Engineers
6.	Data Analysts and Scientists
7.	Robotics Engineers
8.	Electrotechnology Engineers
9.	Agricultural Equipment Operators
10.	Digital Transformation Specialists

Source  
World Economic Forum, Future of Jobs Report 2023

Incredibly, some 68% of the roles on the list did not even exist 20 years ago, including Environmental Health Safety Manager and Sustainability Analyst.







# Sustainability & Security Better Together





# Sustainability & Security Better Together

# Industry Needs



FSI



Power & Utility

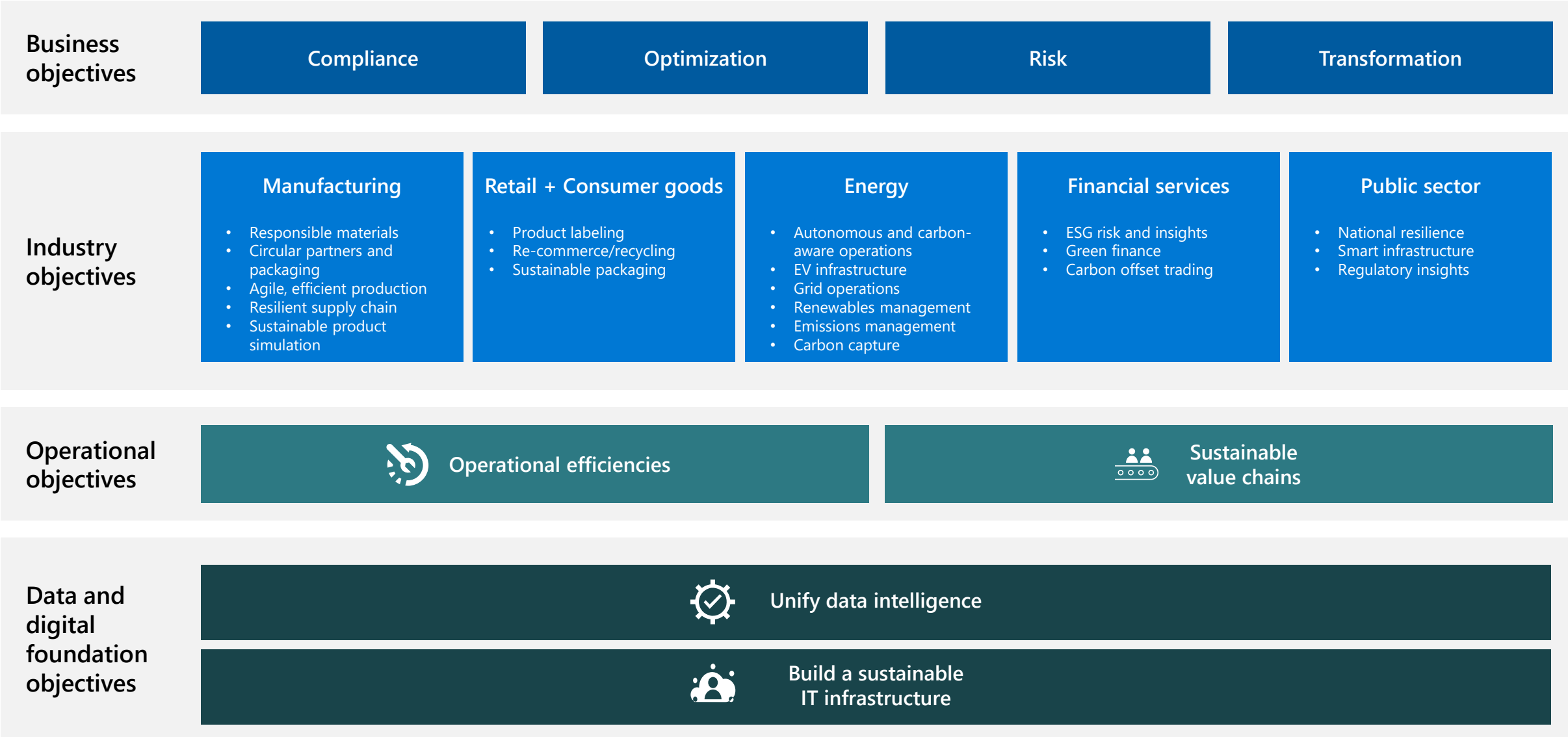


Oil & Gas



Tech & Inno

# Complex sustainability and industry objectives





# Mandates



CSRD



ESRD



EU Taxonomy



Carbon Credits

“ Opportunity – Performance Efficiency and Other Business Opportunities



# Microsoft Solutions



Microsoft Purview Compliance Manager

Defender for XDR

Sentinel

Network Security



Cloud for Sustainability API (preview)

Microsoft Sustainability Manager

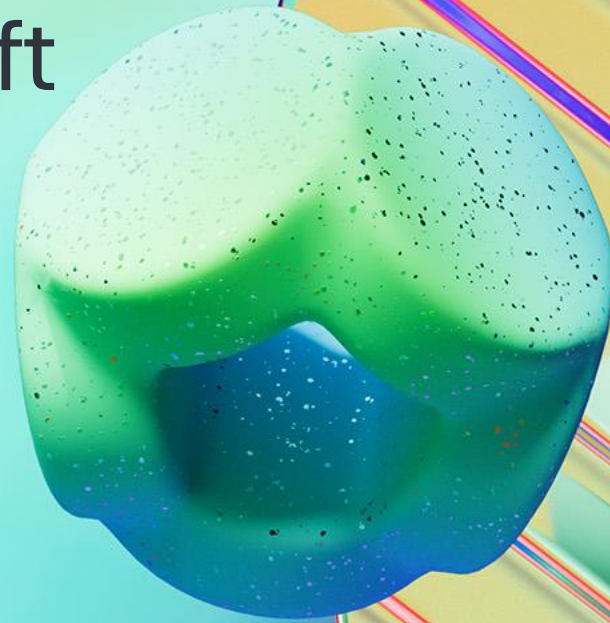
Sustainability Data Solution in Fabric

Microsoft Circular Centers

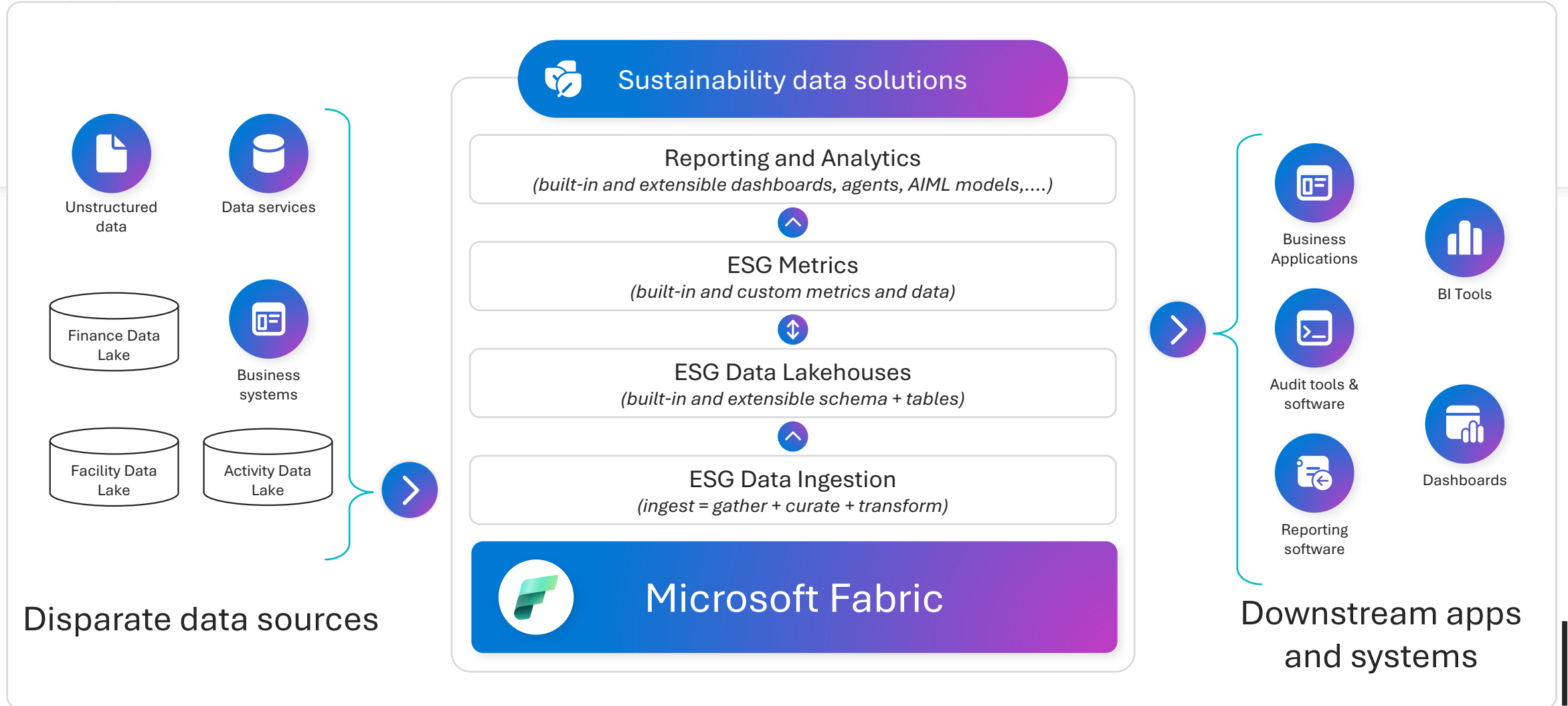
CSRD template in Microsoft Purview  
Compliance Manager (Preview)

Emissions Impact Dashboard

# Introducing Sustainability data solutions in Microsoft Fabric



# Introducing Sustainability data solutions in MS Fabric





# Enables close collaboration

For user personas across data and sustainability



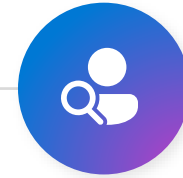
## Data engineers

Sustainability data lake with standardized and unified sustainability data.



## Sustainability practitioners

Sustainability metrics for regulatory compliance, reduce emissions, and many more.



## Data scientists

Actionable custom insights for introspection and predictive/forecasting needs.



# Sustainability data solutions

## in Microsoft Fabric



### Environmental data and insights

Build environmental footprint for carbon, water, waste, etc. from data of 3P/1P systems like MSM.



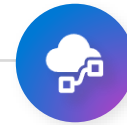
### Social and governance insights

Build social and governance insights from data of business systems like HRM, training, etc.



### Environmental, Social, and Governance Metrics

Compute, visualize, and analyze ESG metrics for regulatory standards like EU CSRD.



### Microsoft Azure emissions insights

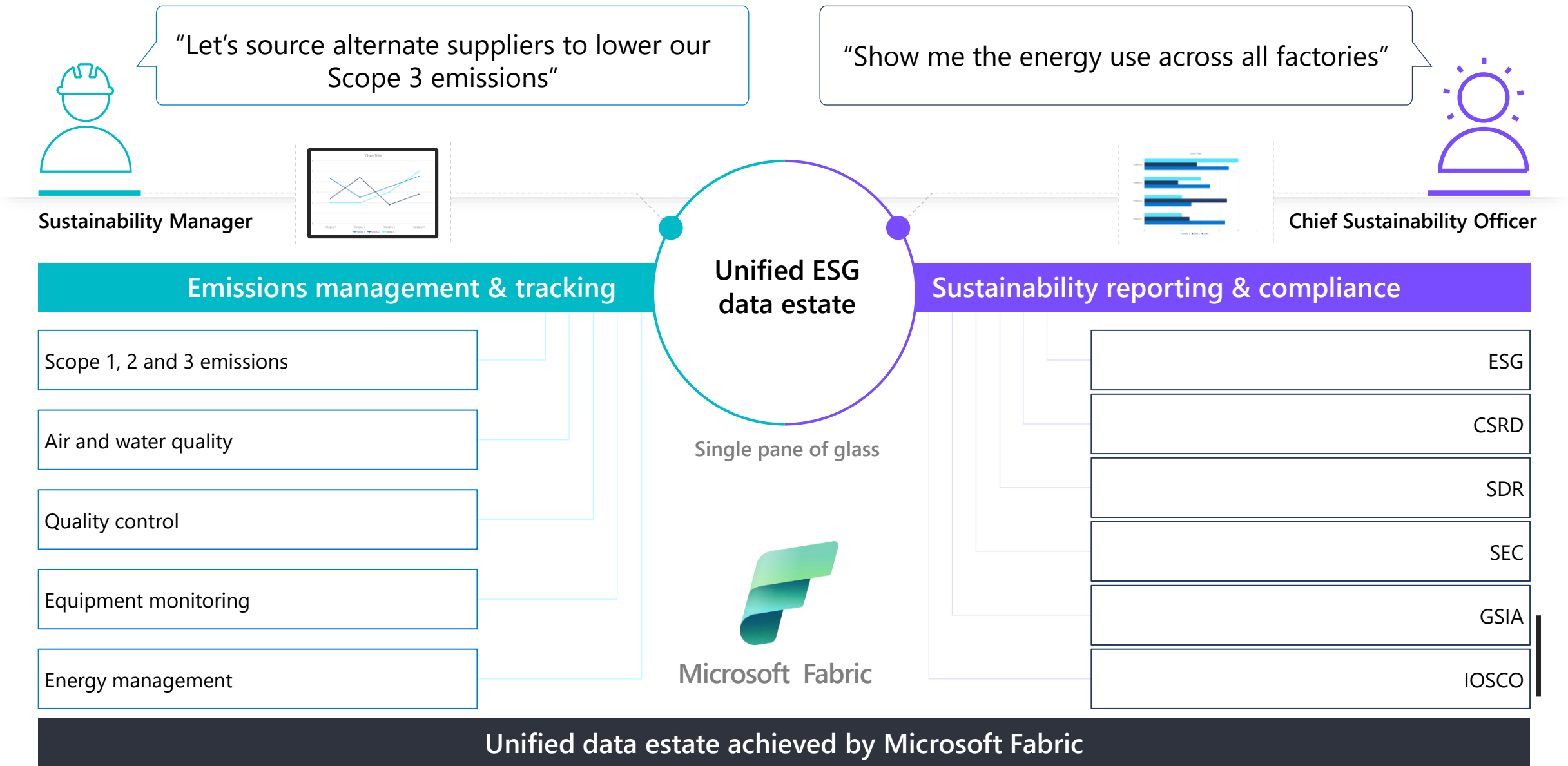
Report and analyze Azure emissions by collecting and processing the emissions data.



### ESG Data Estate

One sustainability data lake with standardized and unified sustainability data.

# A unified digital foundation for accelerated ESG performance





# Sustainable IT in Action: Case Studies



Microsoft lays foundation for green building materials of tomorrow



How Microsoft's new datacenter region in Sweden incorporates the company's sustainability commitments



Surplus datacenter heat will be repurposed to heat homes in country



In Ireland, Smarter Wind Turbines for a Cleaner Energy Future



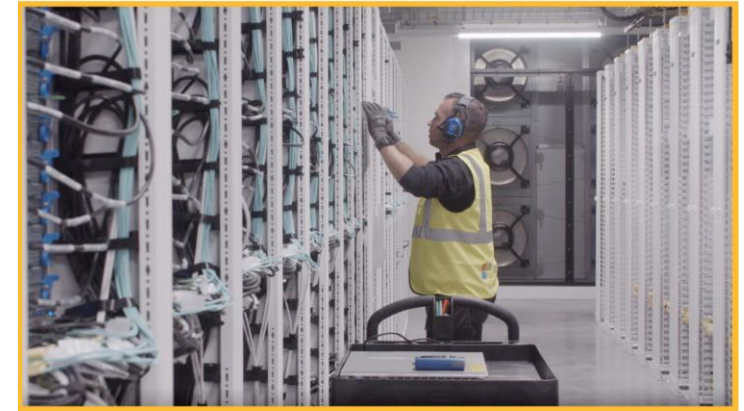
## How Microsoft's new datacenter region in Sweden incorporates the company's sustainability commitments



Free cooling



Rainwater harvesting



Circular Centers



# TerraPower Research





# Summary

Know your industry mandates

We are better together

Secure first and then build

Microsoft studied

Business opportunity for Customer

Case studies



# Thank you!

# Club



[Green Software Foundation Oslo - November Meetup \[In-Person\], Mon, Nov 25, 2024, 5:00 PM | Meetup](#)