Sustainability Intelligence Platform (SIP)

Uniting data and sustainability on one powerful platform

The better the question. The better the answer.
The better the world works.

Business drivers

Fragmented systems hinder effective sustainability management, prompting companies to seek integrated ESG solutions. CFOs and CIOs struggle with data management and reporting complexities, while CSOs struggle with data gaps that hinder strategic planning and impact. Additionally, businesses must:

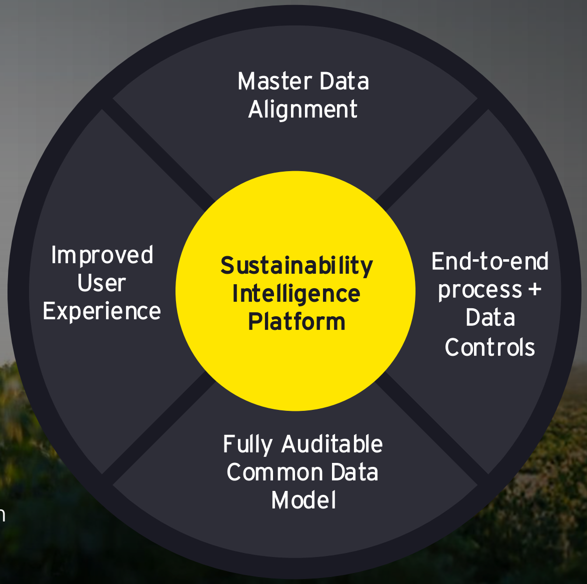
- Navigate intensifying market pressures.
- Streamline complex compliance reporting.
- Ensure transparent sustainability performance.
- Clarify cost impact visibility.

In response, many organizations are adopting a unified sustainability platform, which offers an integrated view of data and business processes, facilitating strategic decision-making and impactful change.

Solution overview

Sustainability Intelligence Platform (SIP) offers a single-platform approach driven by the need to manage and leverage increasing data volumes, supporting continuous data collection, stakeholder collaboration, and data-driven decision-making. Leveraging Microsoft advanced AI-native cloud technology, SIP consolidates organizational data to facilitate centralized, multichannel decision-making at scale, providing the following features:

- Centralized data management: Identify a unified data ecosystem, enhance cross-functional connectivity and help ensure end-to-end organizational visibility.
- Supply chain intelligence: Facilitate proactive supply chain management, pre-emptive risk mitigation, and strategic planning with forecasting and resource allocation.
- Comprehensive auditability and controls: Implement robust audit trails and control frameworks, minimize operational risks from data inconsistencies, and help empower confident, data-driven decision-making.
- Data-efficient compliance: Leverage data as a strategic asset, transform compliance into a strategic differentiator, and enable agile, responsive organizational governance.
- Supplier engagement: Streamline supplier engagement with digital solutions to help enhance data quality, proactively manage supplier risks and make sustainability-focused procurement decisions based on data.
- Investment optimization: Integrate financial and sustainability goals by tracking grants and incentives, fostering holistic investment strategies, and driving long-term value creation.



Solution benefits

- Single source of truth for ESG data, reporting, and compliance
- Unified multiregulatory compliance reporting platform with value chain optimization
- Low-code/no-code flexibility for rapid feature deployment
- Centralized environmental impact calculations for streamlined auditing
- Built-in data lineage and governance
- Simplified technology footprint reducing total cost of ownership
- AI-powered insights driving business decisions

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Solution differentiators

- Supports strategic planning, forecasting, and resource allocation.
- Helps enable confident, data-driven decision-making.
- Helps elevates data as a strategic asset.
- Convert compliance from a cost center to a strategic differentiator
- Proactively identify and mitigate supplier risks.
- Helps enable data-driven, sustainability-focused procurement decision
- Merge financial and sustainability objectives with collaboration and organization-wide visibility.
- Helps enable holistic, forward-looking investment strategies.

Joint value proposition

- Sustainability experience: 25+ years of working in sustainability serving large global companies across sectors.
- Sustainability network: global presence of 2,100 multidisciplinary sustainable practitioners.
- Access to product group: EY is the leading partner in extending and developing Microsoft CFS products and influencing product roadmaps.
- Early access: private preview and access to run pre-release pilot clients
- Time to value: EY has more than 30,000 professionals focused on Microsoft, utilizing scaled agile methodologies to rapidly deliver functional releases.

Case study

A multinational goods corporation optimizes and enhances its internal reporting procedures.

Client challenge

- Consolidate data from various source systems to comply with the Corporate Sustainability Reporting Directive (CSRD) under EU regulations.
- Create a unified Data Model from disparate data sources to streamline the reporting process.
- Build a Sustainability Reporting Hub rapidly within nine months, ingesting data from over 11 different sources.

Engagement summary

EY teams' approach combines Microsoft Cloud for Sustainability Solutions with a workshop-centric methodology. Key activities include:

- Conducted workshops to identify and finalize data mapping from multiple source systems into Microsoft Sustainability Manager (MSM)
- Utilized Sustainability Data Solutions in Fabric (SDSF) for data transformations to address challenges
- Leveraged Microsoft Environmental, Social, and Governance (ESG) data model to standardize data models for Environmental, Social, and Governance records, facilitating reporting through Power BI
- Engaged in workshops to map data objects from source systems to the ESG Data Model.
- Collaborated with the organization to implement data transformation principles and validation controls, maintaining a well-documented data dictionary for auditability
- Established organization hierarchy for reporting and finalized master data to align all source systems.
- Ingested data from source systems into MSM and Fabric Workspace using Data Flows and Power Queries
- Implemented SDSF Accelerator and utilized Microsoft Fabric Data Engineering capabilities to establish Medallion Architecture for processing 23 CSRD Metrics for the organization

Value provided

- Successfully launched a sustainability Reporting Hub within four months, serving as a centralized solution for all sustainability reporting needs, including CSRD compliance
- Identified data gaps in current source systems through EY teams' deliverables and findings, which are now being addressed by the internal teams
- Implemented strict access controls for the reporting hub, providing senior management with insights to track progress against organizational sustainability goals

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