

EY Decarbonization Management Platform

Connecting operations with the business

Current methodologies and solutions for tracking carbon outputs have been lacklustre

Key challenges:

- Multitude of disconnected data sources across the value chain
- Lack of global regulations and emissions standards
- Manual, time-consuming entry into spreadsheets
- Continued investment in outdated assets based on legacy processes and regulations
- Poor alignment of risk functions with de-carbonization strategic objectives

EY Decarbonization Management Platform benefits

- Provides an adaptable, scalable platform designed to seamlessly integrate with other systems and technologies easily
- Uses flexible configuration capabilities to easily adapt to client-specific needs without traditionally high customization costs
- Reduces implementation timelines from months to weeks and helps accelerate business value with a no-code/low-code development framework
- Provides an intuitive and user-friendly interface that allows for design flexibility
- Offers a cloud-based solution for system and workflow integration
- Supports automatic data feeds to minimize manual intervention and enhance efficiency
- Merges functionality from various systems into one simple solution

Adaptable, scalable and cloud-ready digital carbon management solution

The EY Decarbonization Management Platform (DCMP) connects operational, production, financial and reporting data providing business context to carbon management. Powered by the Microsoft Power Platform, Dynamics 365, Azure, and Office 365, EY DCMP provides an open platform that enhances innovation, supports better decision-making, improves efficiency, and reduces time and cost — helping businesses prepare for a transition to a clean and sustainable economy.

Provides multiple accelerators to optimize carbon management reporting, analysis and decision-making

EY DCMP is tailor-made to fit a client's requirement, and supports operational and managerial decision-making as well as scenario-based assessments. Leveraging Microsoft's Power platform at its core, EY DCMP offers a comprehensive digital carbon management solution as part of the platform service with multiple accelerators to help businesses reduce their carbon footprint and offset emissions.

EY DCMP Accelerators	Features
Carbon footprint	<ul style="list-style-type: none">• Aggregates greenhouse gas (GHG) emissions to calculate the entity's total carbon footprint
Carbon accounting	<ul style="list-style-type: none">• Builds upon the carbon footprint accelerator by enabling users to verify and report on GHG emissions
Carbon asset planning and forecasting	<ul style="list-style-type: none">• Models potential carbon control initiatives (e.g., technical equipment/different processes) against carbon assets to facilitate capital strategies
Climate-related risk management	<ul style="list-style-type: none">• Helps define, document and manage climate risks associated with specific assets
Sustainability disclosure reporting	<ul style="list-style-type: none">• Helps enable near real-time and time-phased reporting of carbon-related KPIs across various established frameworks, including:<ul style="list-style-type: none">• Task Force on Climate-related Financial Disclosures (TCFD)• Sustainability Accounting Standards Board (SASB)• World Economic Forum (WEF)



Developing Sustainability Certificate digital ecosystem for a large multinational chemical company

A large multinational chemical company which is also one of the world's largest plastics, chemicals and refining companies in the world has been exploring opportunities with EY teams to develop their Sustainability Certification initiative.

Client challenges

- Building the certification solution in Microsoft D365 CRM with a common data service as the underlying data model
- Providing a blockchain solution built in Microsoft D365, reducing the timeline and cost to a fully tokenized, public blockchain solution
- Developing a solution that is agile and works well within the client's complex IT infrastructure

Client benefits

- Improve reporting and forecasting capabilities
- Avoid manual entry of data between systems
- Enable selling, shipping and invoicing of certificates together with the certified materials
- Complete necessary calculations and showcase data integration across key applications
- Provide automation for the shipping office
- Automate generation of required intercompany and interdivisional sales

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Every day, throughout the world, businesses, governments, and capital markets rely on EY business ingenuity and the power of Microsoft technology to solve the most challenging global issues.

EY and Microsoft bring a compelling formula to spark the potential of the cloud and unlock the power of data. We solve our clients' most challenging issues by blending trusted industry expertise with innovative cloud technology. Our strategic relationship draws on decades of success developing visionary solutions that provide lasting value.

Together, we empower organizations to create exceptional experiences that help the world work better and achieve more.

For more information, visit: ey.com/Microsoft.

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