

BearingPoint®

SAP CO₂ Software implementation



SAP's sustainability portfolio

This service package seamlessly integrates carbon management into your business processes through an ERP-centric approach. Leveraging your existing business data structures, it enables automated carbon footprint calculations and synchronizes carbon and financial data within a unified ledger.

Your benefits at a glance:

Feature #1

Trusted SAP sustainability partner

As a co-development partner for SAP Sustainability Footprint Management (SFM) and with over 15 years of experience in carbon accounting, we are one of the leading implementation partners for SAP's sustainability solutions.

Feature #2

Seamless system integration

Native connectivity between SAP S/4HANA, SFM, SDX, SCT, and Green Ledger ensures data consistency and minimal manual effort. With us, you benefit from pre-defined integration blueprints and proven best practices tailored to your SAP architecture.

Feature #3

ERP-native, future-proof architecture

Unlock sustainable transformation at scale – fully embedded in your existing SAP ecosystem, scalable and secure. We support you in designing an architecture that aligns with both IT strategy and sustainability goals – ready for tomorrow's requirements.

Feature #4

End-to-end carbon transparency

Capture emissions from Scope 1 to Scope 3 using actual, transaction-level data. Our experts help you translate complex data into actionable insights by leveraging our deep expertise in PCF and CCF modeling.

Feature #5

Automated compliance with CSRD; CBAM & more

The solutions are aligned with key regulatory frameworks such as GHG Protocol, ESRS, SBTi, and Catena-X.

Feature #6

Strategic guidance beyond implementation

We go beyond the technical setup: from climate maturity assessments to decarbonization pathways and methodology choices (e.g., SBTi), we help shape your long-term sustainability roadmap.

Our services for ERP-integrated carbon management include:

SAP Sustainability Footprint Management

We calculate both the product carbon footprint (PCF) from cradle to gate and the corporate carbon footprint (CCF) based on actual business data in full alignment with the GHG Protocol, enabling a comprehensive analysis of emission hotspots and reduction potentials.

[Learn more](#)

SAP Sustainability Data Exchange

We enable the exchange of actual Scope 3 carbon emissions data across your value chain with customers and partners, request primary data directly from suppliers, and ensure full alignment with global standards such as PACT 2 – including frameworks like Catena-X and Together for Sustainability (TfS).

[Learn more](#)

SAP Sustainability Control Tower

Consolidate your carbon data, set targets, and analyze required measures – all within one application for integrated steering and transparent reporting.

[Learn more](#)

SAP Green Ledger

Synchronize financial and carbon accounting by recording CO₂-equivalent costs transactionally — all within a unified ledger.

[Learn more](#)

SAP S/4HANA Design for Carbon Management

Understand the data requirements and align your S/4HANA processes to fully leverage SAP's integrated and automated carbon management solutions.

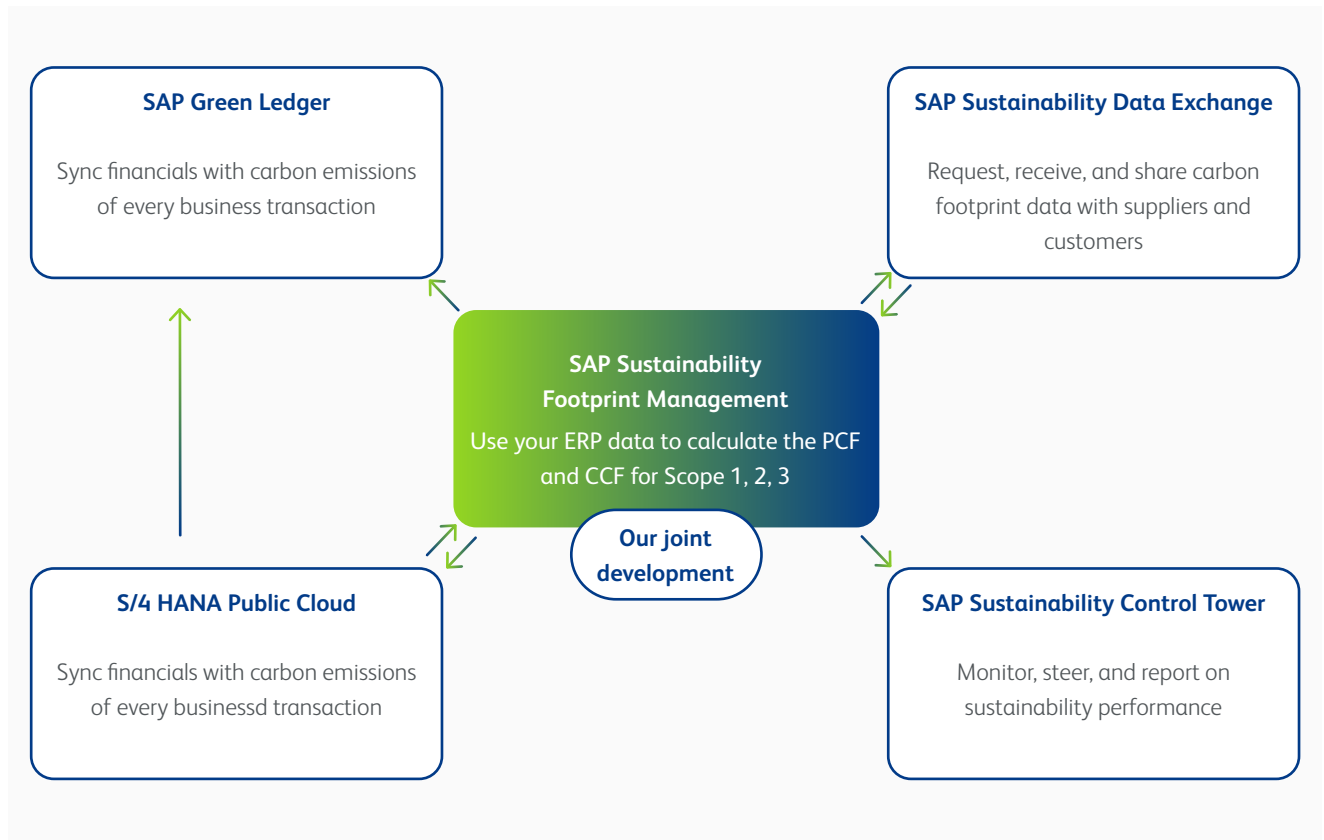
[Learn more](#)

Use cases:

SAP ERP-centric sustainability management

Our demo scenario shows how SAP's sustainability suite supports a chemical industry client producing epoxy paint across 8 global sites.

SAP's ERP-centric architecture enables seamless sustainability integration — from SAP S/4HANA to Green Ledger. Our demo shows end-to-end carbon steering, helping clients manage data, meet regulations, and act on emissions across the value chain.



Chemical industry: SAP sustainability essentials in practice

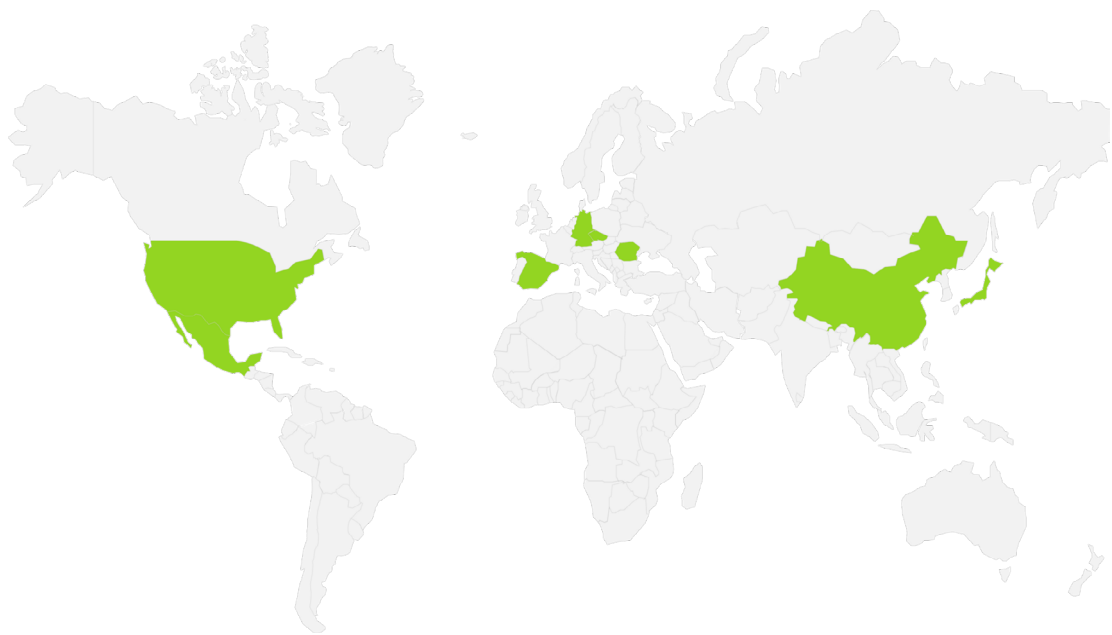
We supported a global chemical company producing epoxy coatings across 8 countries with a complete setup of SAP SDX, SFM, SCT, and Green Ledger.

Industries served: Construction & Structural Maintenance, Automotive & Aerospace, Marine & Offshore, Chemical & Pharmaceutical, Food & Beverage, Art & Design

Requirements:

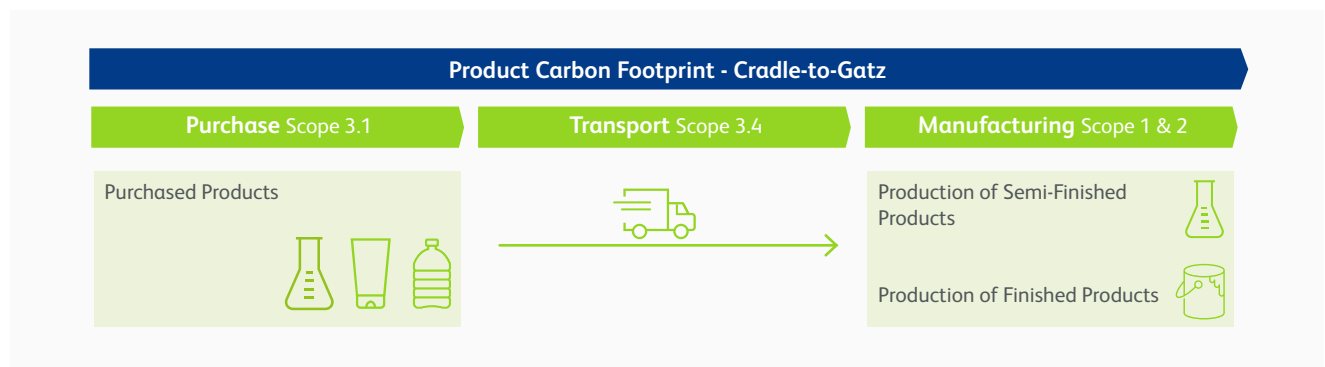
- Product carbon footprint (PCF) calculation & exchange
- Corporate carbon footprint (CCF) aligned to CSRD

[SDX – SFM – SCT – Green ledger demo for our chemical company](#)



PCF & CCF scope overview

Understand your emissions with a cradle-to-gate footprint calculation framework. We help define and manage scope 1, 2, and 3 emissions for both product-level and corporate-level sustainability insights.



About BearingPoint

BearingPoint is an independent management and technology consultancy with European roots and a global reach. The company operates in three business units: Consulting, Products, and Capital. Consulting covers the advisory business with a clear focus on selected business areas. Products provides IP-driven digital assets and managed services for business-critical processes. Capital delivers M&A and transaction services.

BearingPoint's clients include many of the world's leading companies and organizations. The firm has a global consulting network with more than 10,000 people and supports clients in over 70 countries, engaging with them to achieve measurable and sustainable success.

BearingPoint is a certified B Corporation, meeting high standards of social and environmental impact.

For more information, please visit:

Homepage: www.bearingpoint.com

LinkedIn: www.linkedin.com/company/bearingpoint

Ready to scale your carbon management?

Talk to our experts and start building a clear, compliant, and measurable sustainability strategy.



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