



Improve Transparency, Compliance, and Agility with **SAP Sustainability Solutions and Services**

SAP Services Solutions for Sustainability

PUBLIC

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To rapidly achieve your business goals, please [visit us online](#) to learn more.

Build a Purpose-Driven, Sustainable Business with SAP

Sustainability is now a board-level strategic topic, having a fundamental impact on business results and the individual consumer choice. Brand reputation and values are driven by consumers, who are demanding more sustainable products and services from their supplier.

Employees are focusing their career choices on responsible employers. Governments are now mandating more sustainable business models. The post-pandemic economy will be driven by a green, lower-impact, innovation-driven outlooks beyond just financial results. CEOs need to be at the forefront of this shift by understanding the true reach and external impact from their organizations.

The SAP® Services and Support team can help you keep pace with these changing trends and take advantage of new opportunities while you drive positive economic, environmental, and social impact. Our sustainability service package includes advisory services, an assessment and roadmap, and access to trusted advisors to help you realize a more resource-sensitive enterprise. As an integral part of our sustainability solutions, this package enables you to:

- **Drive responsible design and production**, including sustainable packaging reporting, extended producer responsibility, and scenario modelling.
- **Reduce greenhouse gas emissions along the value chain** to minimize carbon footprint in manufacturing and other processes.
- **Enhance resource efficiency, tracking, and reuse**, building resilience and circularity principles into your supply chain, material flows, markets, and resource consumption.
- **Protect people, communities, and societies** for safer, more equitable, and compliant businesses within your company and across the value chain.
- **Support next-generation holistic sustainability reporting and steering** that maps your operational data to show impact and enable better decisions.

Delivering real customer outcomes

In the pages that follow, we will explore how some of our customers have partnered with SAP to demonstrate their leadership and create a sustainable future.

Global Manufacturer Mapping Supply Chain Sustainability with SAP® Product Carbon Footprint Analytics

Before: Challenges and Opportunities

- Achieve sustainability throughout the value chain
- Identify low-carbon opportunities such as buying raw materials with a smaller footprint, replacing energy-inefficient machines with more modern ones, or purchasing green energy instead of a conventional electricity mix
- Maintain adequate food supplies for generations to come through better data collection and analysis to find areas for improvement

Why SAP

- Digital platform based on SAP S/4HANA® and the SAP® Analytics Cloud solution
- Integration with the SAP Product Carbon Footprint Analytics application, providing tracking of product-specific carbon footprints through analysis across the value chain, including production, raw materials, energy use, and transport
- Co-innovation opportunities through the Climate 21 initiative

After: Value-Driven Results

- Increased transparency of the CO₂ footprint for individual products that supports decision-making where sustainability is a key factor
- Opportunity to balance economical, ecological, and social issues to achieve sustainability goals

“We’re on this journey together with SAP, our suppliers, and our customers. Through SAP’s sustainability initiative, Climate 21, we’re already **innovating together** to move away from a linear model to a more sustainable circular one.”

Head of Business Solutions Commercial, Global Food Ingredient Manufacturer

Global Food
Ingredient
Manufacturer

Industry
Chemicals,
Consumer
products

Products and Services
Natural food ingredients
and ingredient systems

Employees
7,000

Revenue
US\$1.97 billion

Featured Solutions
SAP Product Carbon Footprint
Analytics, SAP S/4HANA, and
SAP Analytics Cloud



Improving Transparency and Compliance with SAP® Product and REACH Compliance



Before: Challenges and Opportunities

- Industry leader with strict quality standards for producing more than 17 million water pumps annually
- Lack of insight into the compliance status of its products, necessary for local and global regulations including those for REACH, RoHS, and others, as well as the company's own compliance standards
- Need to improve collaboration with suppliers to gain insight into chemical compliance information

Why SAP

- SAP Product and REACH Compliance application to speed up and improve the end-to-end supplier collaboration process for receiving chemical compliance information
- Capabilities for monitoring the compliance status of materials and products available on one platform
- SAP Services and Support drawing from its deep solution expertise to provide implementation support

After: Value-Driven Results

- Gained the ability to quickly request compliance declarations from suppliers, import their response into the system, and automatically recalculate the impacted compliance status
- Enabled the immediate calculation of compliance check results after reviewing responses received through SAP Product and REACH Compliance
- Streamlined product development with comprehensive decision reports
- Digitalized processes to mitigate risk with real-time information

“SAP Product and REACH Compliance makes it easier for us to receive and **manage compliance insights** from our suppliers. In one central location, we can request the data and automatically import it into our system.”

Tine Seeberg Hansen, Senior Manager of Materials and Environment, Product Compliance, Grundfos Holding A/S

4,000

Chemical substances now with greater transparency

One

Complete platform for insight into the compliance status of materials

Grundfos Holding A/S
Bjerringbro, Denmark
www.grundfos.com

Industry
Industrial machinery and components

Products and Services
Water pumps, pump motors, and electronic components for pump controls

Employees
20,000

Revenue
€3.4 billion

Featured Solution
SAP Product and REACH Compliance and SAP Services and Support



Streamlining Product Compliance Reporting with SAP® Product and REACH Compliance



Before: Challenges and Opportunities

- Support product compliance in an increasingly complex regulatory environment
- Streamline workflows for tracking and declaring substances used in the manufacture of medical instruments
- Improve the transparency of product compliance processes across the organization

Why SAP

- Digitalization and automation of product compliance processes using the SAP® Product and REACH Compliance application
- Connection of compliance workflows with other product management processes through straightforward integration with the SAP Product Lifecycle Management (SAP PLM) application
- Smooth implementation in a highly regulated environment within six months, with help and guidance from SAP Services and Support

After: Value-Driven Results

- Efficient management of reporting on materials specifications in compliance with multiple global regulations
- Simplification of auditing activities due to full traceability of material specifications across the supply chain
- Less time taken to collate product compliance reports, freeing up staff to focus on higher-value tasks
- Ability to respond effectively to meet the requirements of new regulations as they are introduced

“With SAP Product and REACH Compliance, we can maintain high compliance standards while **simplifying the task of reporting** on materials used in the manufacture of our products.”

Georg Löwisch, Expert Material Compatibility, REACH and RoHS Representative, Richard Wolf GmbH

>3,000

Products with materials traceability managed using SAP Product and REACH Compliance

5

Industry regulations requiring detailed materials specification reporting

Richard Wolf GmbH
Knittlingen, Germany
www.richard-wolf.com

Industry
Life sciences

Products and Services
Endoscopy equipment

Employees
1,222

Revenue
€167 million

Featured Solutions and Services
SAP Product and REACH Compliance,
SAP PLM, and SAP Services and Support



Harmonizing Processes to Help **Ensure Material and Product Compliance** for a Growing Number of Products and Requirements



Before: Challenges and Opportunities

- Disparate systems that led to inconsistent data quality and required high manual effort in data maintenance to ensure material conformity
- Inability to manage an increasing number of standards, regulations, and directives with rising complexity

Why SAP

- Integrated and comprehensive solution to meet product compliance requirements related to regulatory and stakeholder requirements, including the Registration, Evaluation, Authorization, and Restriction of Chemicals (REACH) regulation, the Restriction of Hazardous Substances (RoHS) directive, and the SCIP database*
- Comprehensive functionalities to analyze the compliance status of a product
- Lean processes to meet and track supplier requests
- Extensive knowledge from SAP® Services and Support in implementing the solution

After: Value-Driven Results

- Enable a single source of truth for material data, allowing visibility across the organization
- Efficiently meet RoHS, SCIP, and REACH regulations and reporting requirements to help ensure material and product compliance, using the SAP Product and REACH Compliance application
- Manage additional regulatory, industry, and customer requirements for product compliance on one platform, enabling time and cost savings of 20% to 30%

“Introducing SAP Product and REACH Compliance allowed us to harmonize and ease product compliance processes. The major benefit is that we can now **reuse data more easily for upcoming new requirements** and quickly react if there are changes to hazardous substances bans.”

Michael Keller, R&D – Head of Product Compliance, Metabowerke GmbH

~45,000

Materials managed by the system

80%

Of products captured in the system, which eases workload and allows significant time savings

***SCIP** is the database for information on Substances of Concern In articles as such or in complex objects (Products) established under the Waste Framework Directive.

Metabowerke GmbH
Nürtingen, Germany
www.metabo.com

Industry
Industrial machinery and components

Products and Services
Professional power tool solutions

Employees
2,000

Revenue
~€500 billion

Featured Solutions
SAP Product and REACH Compliance and SAP Services and Support

THE BEST RUN

Supporting Hazard Communication and Compliance with Automated Steps in SAP S/4HANA® for Product Compliance



Before: Challenges and Opportunities

- Industry leader with strict product stewardship policies
- Need to manage a growing number of compliance requirements and frequent regulatory updates while producing and shipping hazardous materials, as well as ensure product compliance in a large number of shipments and destination countries

Why SAP

- SAP S/4HANA® solution for product compliance to support hazard communication and compliance processes integrated into many business processes such as sales, production and purchasing

After: Value-Driven Results

- Accelerated product classification, creation, and distribution of thousands of safety data sheets and labels per year
- Streamlined hazard communication for 100 locations
- Supported product compliance verification with automated steps such as order blocks for a huge number of sales transactions and sales order checks for required certification at customer receiving locations
- Centralized global label management used by all business areas
- Included substance volume tracking in sales to help ensure that allowed quantities are not exceeded
- Integrated dangerous goods information in transportation management and on labels
- Enabled central management of all compliance data for increased data accuracy and the ability to quickly assess required changes after a regulatory change

“With SAP S/4HANA for product compliance, we can manage **ever-increasing regulatory complexity.**”

Susan Scates-Ferguson, Hazard Communication Manager, Olin Corporation

Thousands **100**

Of safety data sheet shipments per year

Countries provided with streamlined hazard communication

Olin Corporation
Clayton, Missouri
www.olin.com

Industry
Chemicals

Products and Services
Chloralkaline products and vinyl, epoxy products, and ammunition

Employees
8.000

Revenue
US\$6.1 billion

Featured Solutions and Services
SAP S/4HANA for product compliance



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