

# The Future of Sustainability Strategy, Trends & Regulations

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# Agenda





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Sustainability Strategy

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02

Industry Trends

**Drivers & Challenges** 

03

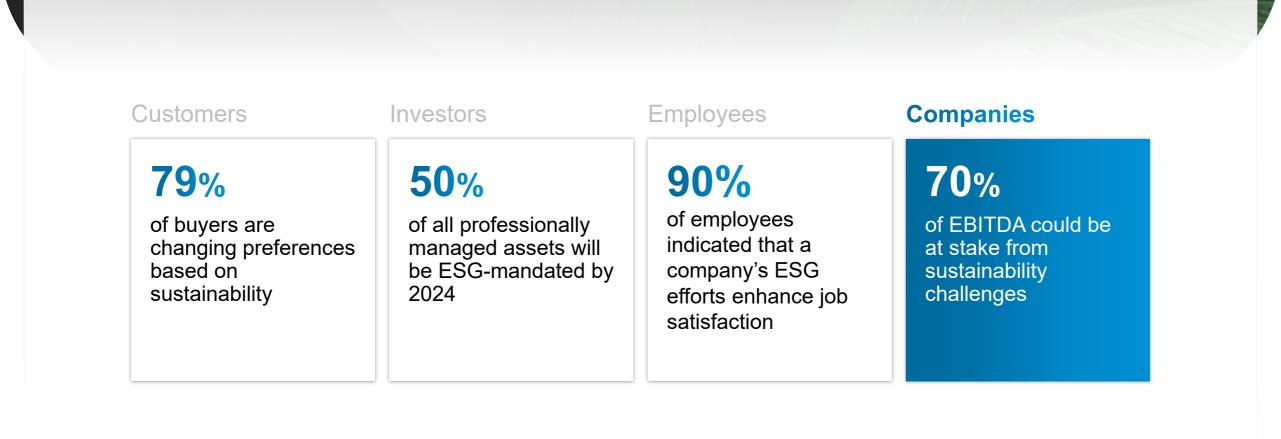
Regulatory & Voluntary

CBAM vs Green Products

# 01 Sustainability Strategy Overview



### Sustainability is more relevant than ever

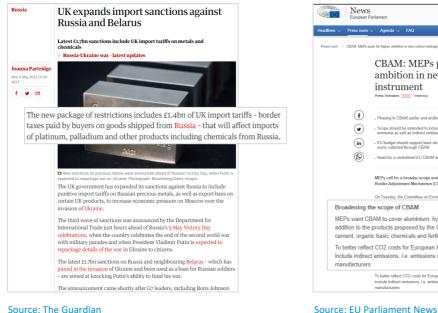


### Industry Context | Drivers for End-to-End Value Chain Transparency



# Ethical Sourcing, Reporting & Sanctions

Demand for commodities are increasing due to the Energy Transition, while geopolitics, sanctions & Regulations require more transparency





### Impact of Import Regulations

Global impact of Carbon Border Adjustment Mechanisms, as the first regulation to tax emissions embedded in products





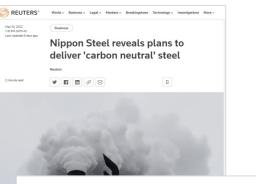
#### **Emerging Standards for** 'Product' Emissions

New standard is emerging for 'Product' emissions, based on primary data exchange between entities. This will also improve Scope 3 emissions methods



### Consumer Demand for Green Products

There is consumer demand for 'green' products, requiring full transparency from start of the chain



TOKYO, May 10 (Reuters) - Japan's biggest steelmaker Nippon Steel Corp (<u>5401.T)</u> plans to supply carbon neutral steel from the fiscal year starting 2024 it said on Tuesday.



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Source: Reuters

# Our purpose

Help the world run better and improve peoples' lives



### Our approach to drive Sustainability Impact

SAP's portfolio spans across all business areas to provide holistic Sustainability steering and reporting with actionable insights. A broad ecosystem provides flexibility with industry-specific innovation options.





## Industry Innovation

Industry-specific solutions from across our Partner Ecosystem and Industry Cloud

We know your challenges across the Three Zeros

### **Complexity of voluntary & regulatory frameworks**



### **Holistic Steering and Reporting**

go from Averages to Actuals

#### Zero Emissions with Climate Action

Scope 1,2,3 transparency on company and product level

Harmonized, granular & regulatory **compliant calculation** logic

#### Zero Waste with Circular Economy

Data & insights on **material flow and** traceability

Data & insights on material recovery and reuse

#### Zero Inequality with Social Responsibility

Transparency on **supply chain risks** 

Workers safety data tracking & insights

### **Industry Innovation**

Extend and expand the access and visibility into sustainability metrics and underlying data beyond your own four walls with BTP, the SAP Partner Ecosystem and Industry solutions.

### Our offering – SAP Cloud for Sustainable Enterprises

Business Network for carbon data sharing **Industry Capabilities** to solve your specific challenges

#### **Partner Ecosystem** geared towards sustainability

### HOLISTIC STEERING AND REPORTING

Go from averages to actuals and record data on transactional level

### **Zero Emissions**

with Climate Action

**Decarbonize** your entire value chain (scope1-3) based on actual business transactions

### Zero Waste

with Circular Economy

Incorporate **circularity** into your supply chain & create sustainable business models

### Zero Inequality

with Social Responsibility

Understand the **impact of** your **business** on **people and the society** 

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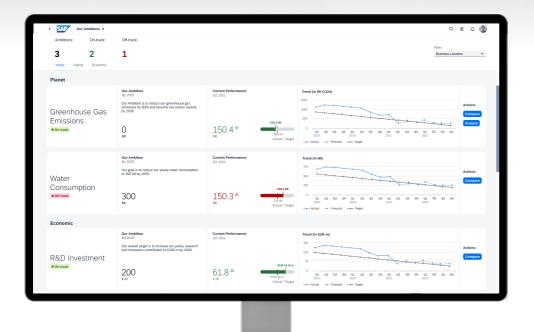


S/4HANA, CX, HXM, ISBN

**Business Technology Platform** 

### Holistic Steering & Reporting

Integrate ESG performance for strategic decision-making and comply with obligations & reporting



#### Standard semantic frameworks supported





#### **Record: Actuals instead of averages**

Measure ESG factors with out-of-the-box integration with SAP systems for faster time to value & granular data visibility based on actual data, not averages



#### **Report: Audit-ready ESG metrics**

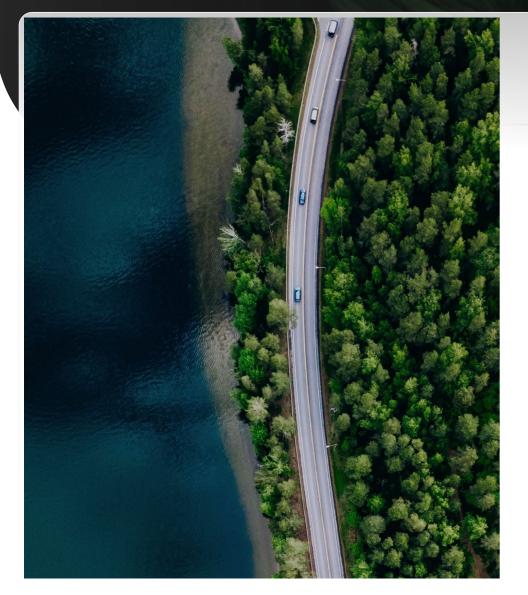
Report regulatory compliant ESG metrics covering common frameworks (e.g., GRI) based on an open & extensible solution with the largest ESG ecosystem



#### Act: ESG embedded business processes

Act by planning your future with actionable insights, forecasts and setting targets as well as tracking initiatives & changing business processes

### We are the right partner for your Sustainability Journey



### **SAP Cloud for Sustainable Enterprises**

Most comprehensive portfolio with holistic vision Embed sustainability into your business DNA with our extensive range of solutions while evolving towards a Green Ledger<sup>1</sup>

Seamless E2E integration into business processes Leverage SAP systems<sup>2</sup> with embedded ESG solutions to gather the required data (scope 1-3) in good quality along your supply chain

#### Industry specific solutions & networks

Knowing your **industry specific challenges** we provide the right solution & **connect you with the largest network** 

### Our Approach: Embed Sustainability into your DNA

SAP's approach is to **embed sustainability** into all aspects of the business. Insights into end-to-end processes and throughout business networks can provide efficiency gains, social responsibility and compliance, while mitigating risk. A holistic approach to sustainability can open up new business models and new markets

**Create sustainable products, services & business models** Gain a holistic insight into data, processes, regulations and industry specific drivers and

differentiators across value chains to create new products, services and solutions that reach additional customers, markets and segments

### Make processes sustainable & gain efficiencies

End-to-end solution portfolio, embedded within your key processes, to address circular business models, assess and reduce carbon footprint, reduce waste, drive social responsibility across the entire value chain



creation

Sustainable value

#### Meet global obligations

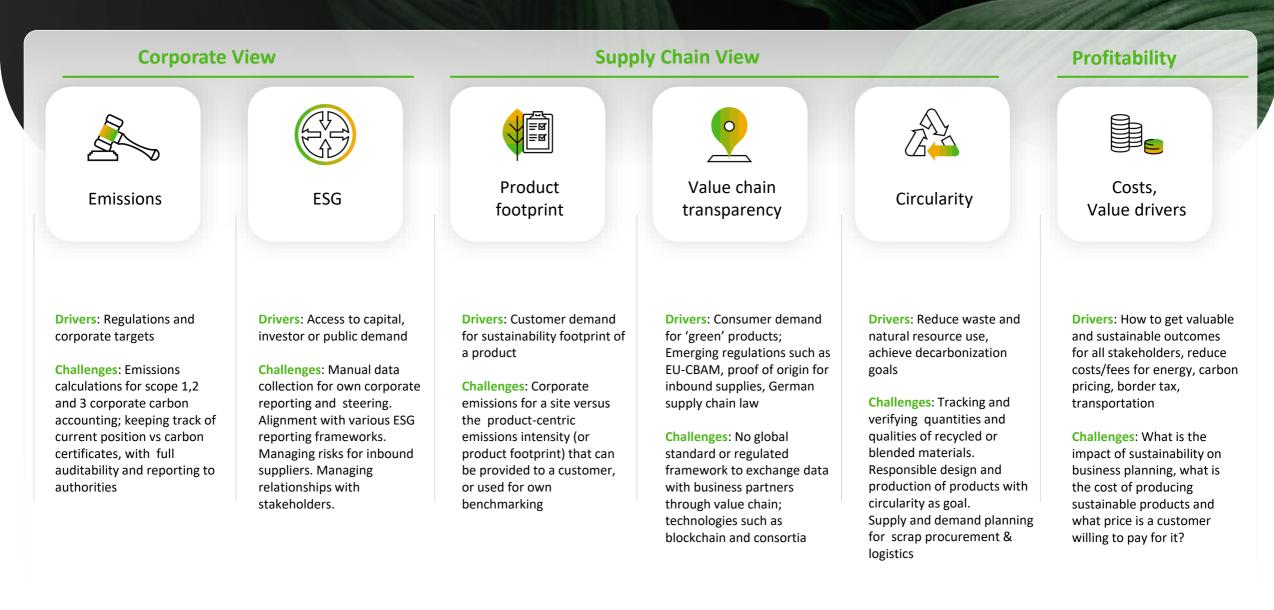
Deep transparency into financial & non-financial data will address regulations proactively and ensure full compliance along with integrated, auditable, and real-time reporting

The goal is clear. We are aiming for zero emissions, zero waste, and zero inequality to help the world run better and improve peoples lives.

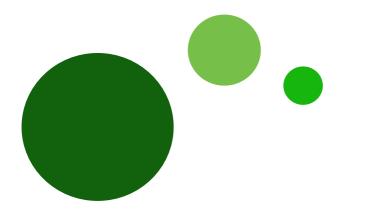
# 02 Industry Trends Drivers and Challenges



### Sustainability & Climate Action - Industry Drivers and Challenges



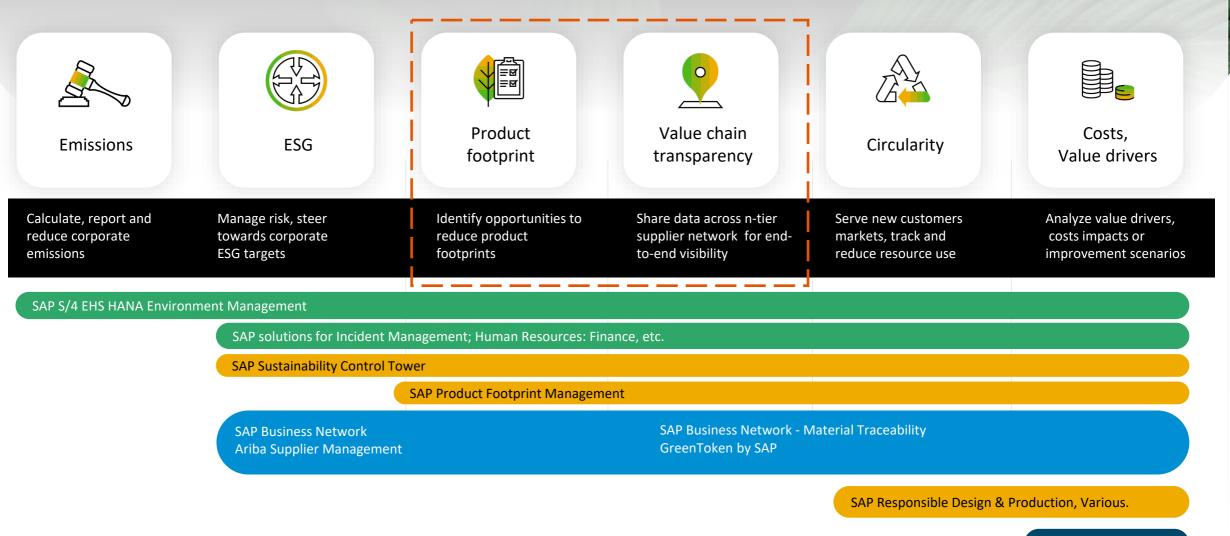
## What is your current focus? What are your long-term goals?





### Sustainability & Decarbonisation - SAP Solutions as Foundation

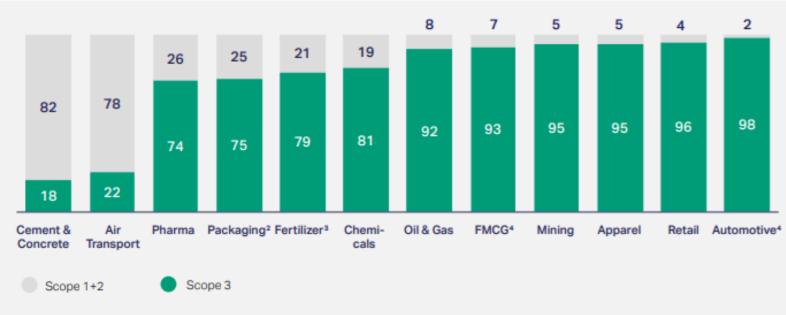
Building blocks toward a corporate roadmap for sustainability



Examples

### Industries with highest scope 3 | Highly motivated to influence value chains

#### Figure 1: Percent of total Scope 1 to 3 emissions, 2019, based on self-reported CDP data<sup>6</sup>



1 GreenGauge, CDP, McKinsey & Company. 2 Printing and packaging business. 3 Includes agricultural chemicals. 4 Fast Moving Consumer Goods.

- A significant % of the total comes from scope 3 emissions
- Industries are highly motivated to get greater transparency in their value chains
- Actuals rather than estimates are needed to drive change

# 03 Regulatory vs Voluntary CBAM vs Green Products



## CBAM threatens margins and adds considerable business risks...

#### CBAM cost increase<sup>1</sup> for steel imports ( $\notin$ /ton)



 Based on 100€/metric ton of CO<sub>2</sub> and 2019 steel trade values © 2022 SAP SE or an SAP affiliate company. All rights reserved. | INTERNAL - SAP and Customers on



Reduced margin | E.g., poor tariff engineering adds duty cost to customer, reduces EBIT

Reduced market share E.g., import tariff costs make exported product less competitive

Lost Sales | E.g., inability to deliver at previously agreed

X

 $\times$ 

Failed M&A | E.g., DD reveals export controls liability, makes Target transaction non-viable

time/price leads customer to competitor

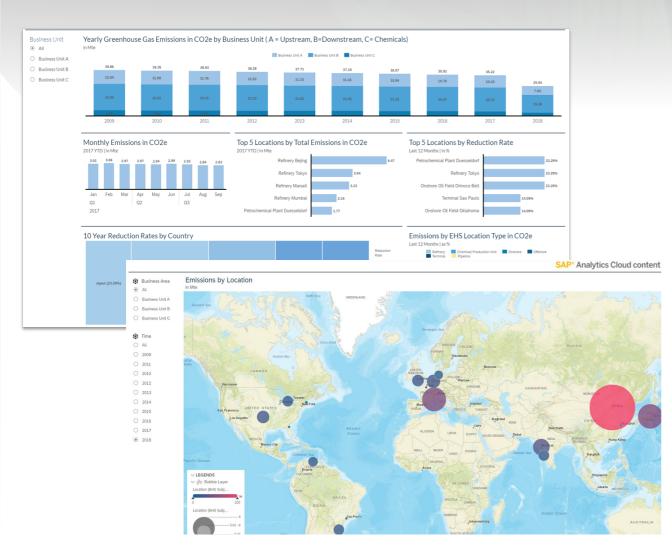


Higher SG&A | E.g., drawn-out legal advisory and customs compliance costs



**Higher working capital** [E.g., failure to mitigate tariffs results in excess inventory

## ... but could offer a lasting competitive advantage for early adopters





Quantify emissions and determine problem areas early



Simulate scenarios for supply chain emission improvements



Gain a cost advantage by implementing changes before 2026

Differentiate from the competition as a sustainability leader

**Ensure reporting compliance** at product level to avoid border delays

### Looking to the Future

What is the

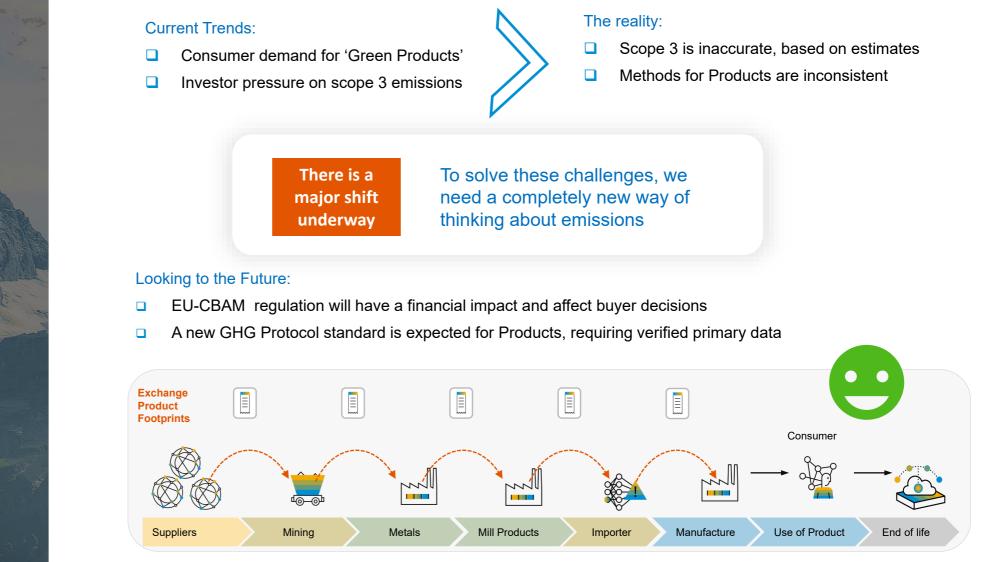
**Emissions in** 

Future for

the Value

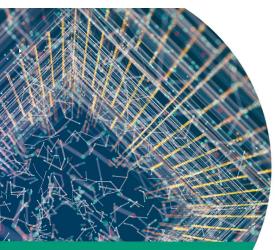
Chain?

### How Industry is impacted by new Regulations and Standards



## Call to Action | Get involved in Emerging Standard for Product Emissions

## 😻 wbcsd



Value Chain Carbon Transparency Pathfinder Enabling decarbonization through Scope 3 emissions transparency

#### Source: WBCSD, Version 1

#### Why do you need to know about Pathfinder and PACT - Partnership for Carbon Transparency?

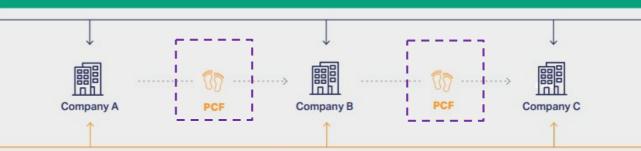
#### GUIDELINES FOR ACCOUNTING OF PCF

#### Relating to existing product standards and methods

- Hierarchy of application
- Unification of relevant approaches

#### Additional elements

- Hierarchy of data types, with prioritization logic for use of primary data
- Approach to secondary data sources
- Calculation process for determination of primary data share in PCFs



#### **GUIDELINES FOR EXCHANGE OF PCF**

- · Minimum required data elements for exchange
- Data quality requirements for PCF data
- Scope and process for verification of PCF data

#### GUIDELINES FOR TECH-ENABLED EXCHANGE OF PCF

- Facilitated verification process
- Data semantics and standards
- Additional elements tbc

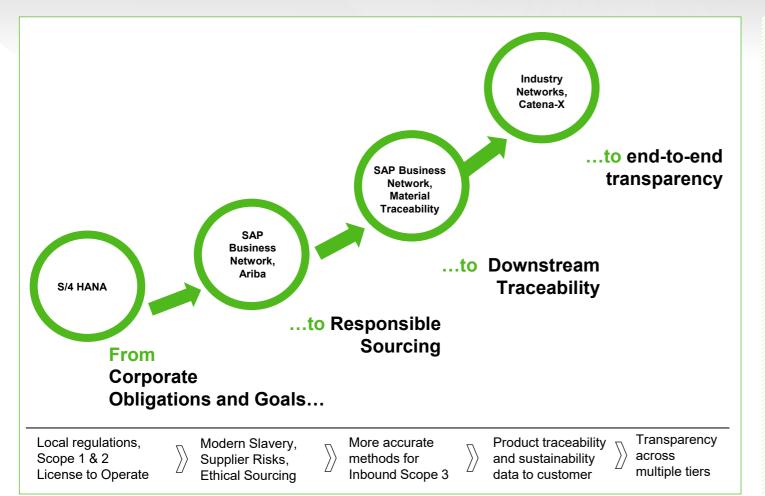
### SAP

SAP's role is to contribute as a technology partner



### The Future of Sustainability is Build On Networks

Networks are needed to exchange sustainability data, not only 1:1 but across multiple tiers



#### Why Networks are Essential:

- There is a clear current need for trusted sustainability data transfer between
  Suppliers to Buyers, with Networks at the core of their businesses
- Emerging Regulations and Standards will require verified Product footprint data to be shared via a networked approach
- Industry Business Networks such as Catena-X is the next evolution of collaboration and multi-tier transparency that will allow producers to show proof of sustainable products

# Our vision



Enable every enterprise to become an intelligent, sustainable enterprise Bring enterprises together into a global business network Create a sustainable world together



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