Enabling Sustainability at the Core of Your Corporate Strategy SAP Cloud for Sustainable Enterprises

Jim Sullivan

PUBLIC

#sustaintech #sapcares #sap4good #lifeatsap #strongertogether

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Increasing Stakeholder Expectations

Demanding the CEO to Take Action

Employees

Responsible employers are #1 priority amongst job-seeking Millennial and Gen Z

Source

Investors

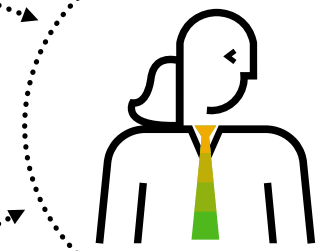
34% growth in global sustainable investments between 2016 and 2018

Source

Regulators

60+ carbon pricing initiatives in place or scheduled for implementation

Source



Consumers

7.1x faster growth of sustainable consumer packaged goods

Source

CEOs

48% of CEOs implement sustainability in their business operations

Source

Investment Needs

$90 trillion in investment for climate-smart infrastructure is required by 2030

Source

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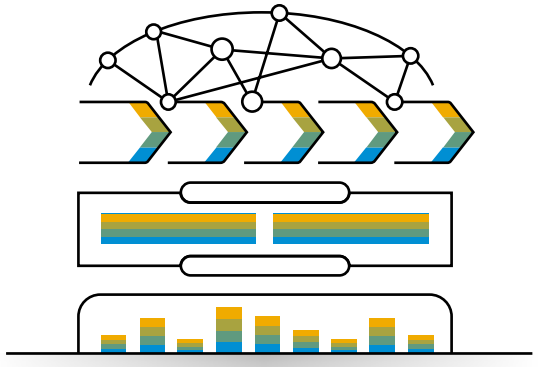
Our Vision Is Clear

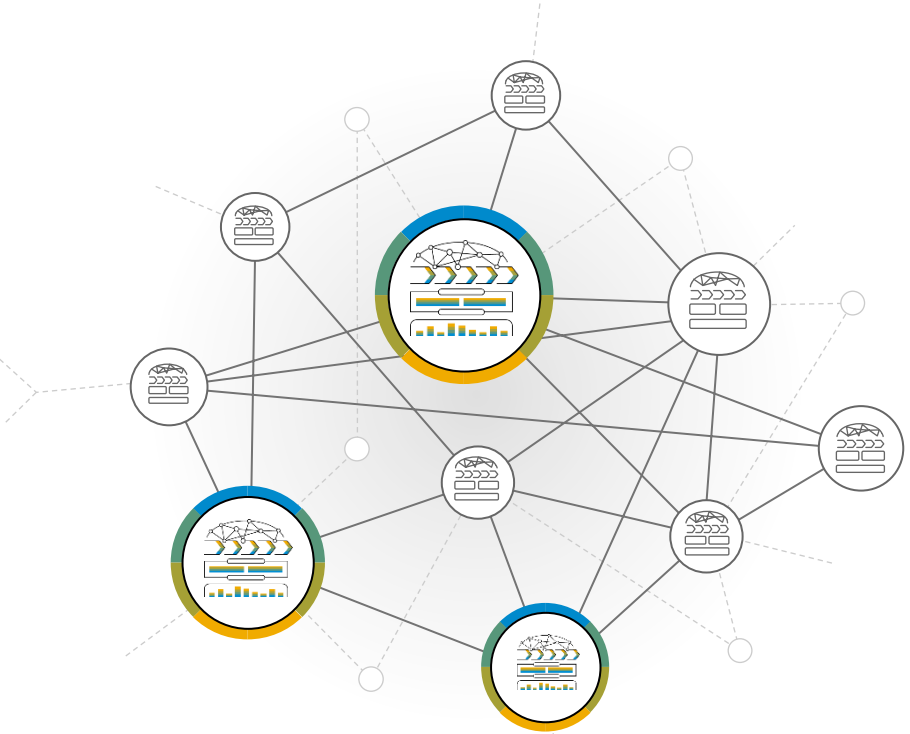
Embedding sustainability into business processes enabled by SAP Cloud for Sustainable Enterprises

From

Intelligent

Enterprises





… to a

Network

of Intelligent Enterprises

… to a

Sustainable World

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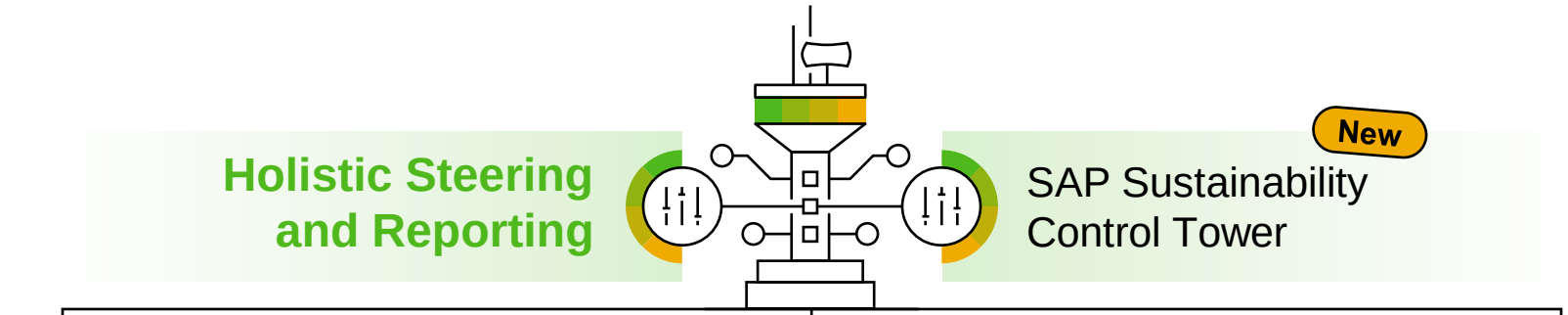
Focus Areas for SAP Cloud for Sustainable Enterprises

New generation of products. Evolution of existing ones.



Holistic Steering and Reporting

New

SAP Sustainability Control Tower

Zero Emissions with Climate Action

New

SAP Product Footprint Management

Zero Waste with Circular Economy

New

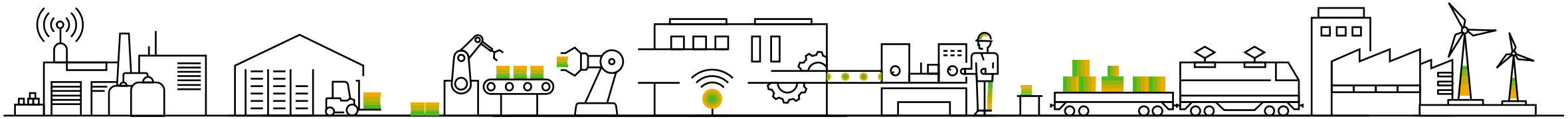
SAP Responsible Design and Production

Zero Inequality with Social Responsibility

Planned

Coverage of Suppy Chain Due Diligence (incl. LkSG)

Industry Relevance



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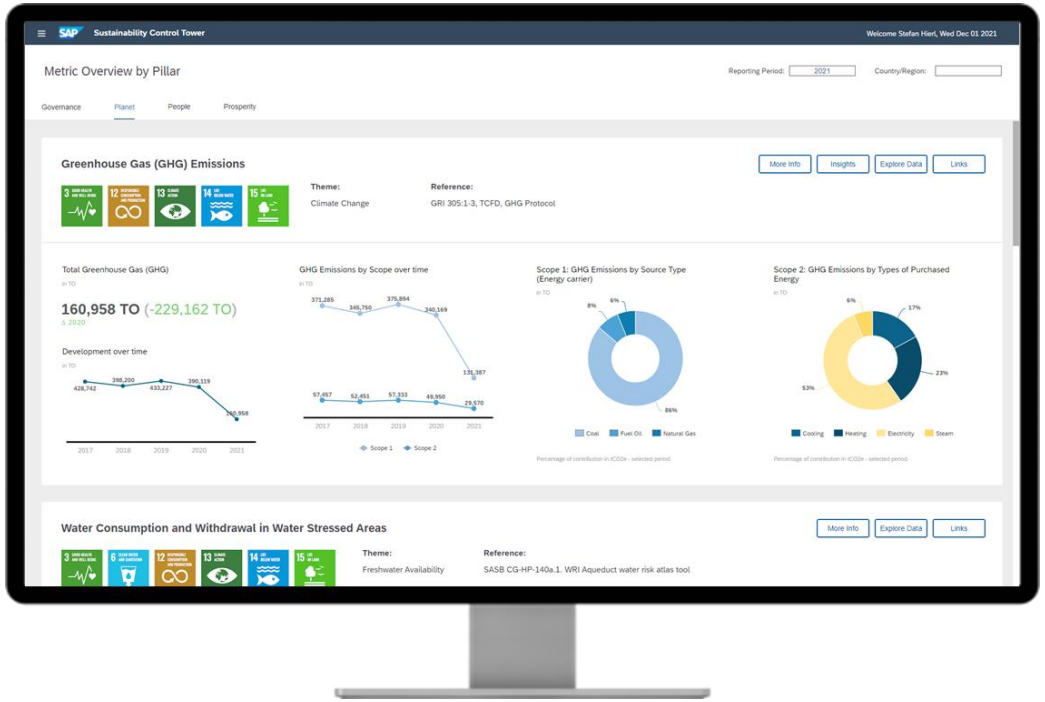
SAP® Sustainability Control Tower

Reach your sustainability ambitions with holistic, enterprise-wide sustainability performance management.



In a Nutshell

Support customers to automate their integrated reporting and performance management by enabling transparency across financial, operational, compliance, environmental and social key figures to understand their impact on environment, society and communities.

OBJECTIVE

- Gain trust by establishing a robust and auditable ESG reporting.
- Drive action by setting targets, monitor progress and gain actionably insights from granular, consistent and dependable sustainability data.

CAPABILITIES

- Source and integrate data from SAP and non-SAP applications into a central sustainability data warehouse
- Harmonize, allocate and calculate granular sustainability key figures along established structures from Finance HR, real estate and operations
- Analyze and report sustainability data according to established ESG Reporting Frameworks
- Drive targeted action by giving business areas a dedicated view on their sustainability performance

Supporting Applications

SAP Sustainability Control Tower

Benefits

Efficient Reporting:
Automated, timely and auditable ESG reporting against a variety of regulations and standards as well as ratings.

Actionable Insights:
Establish interrelationships between financial, operational and sustainability performance. Analyze data at a level of granularity that allows decision making and targeted actions for business units, departments and locations

Holistic Steering:
Realize a holistic understanding and performance management across social, environmental and financial indicators

More Information:

Christian Polivka (Solution Management)
christian.polivka@sap.com

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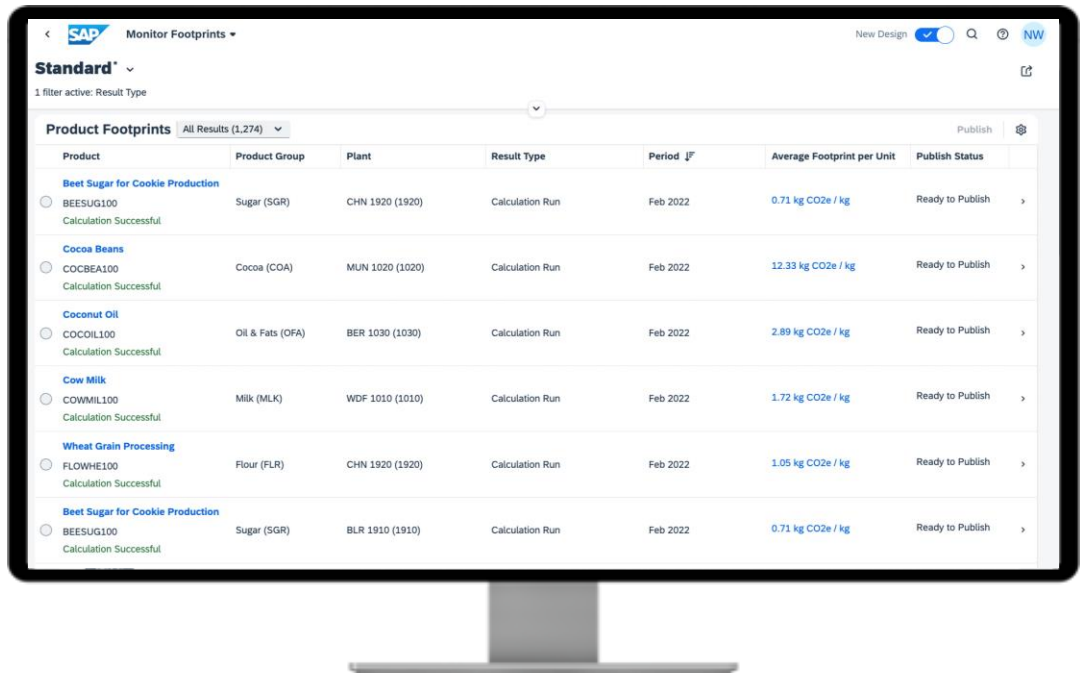
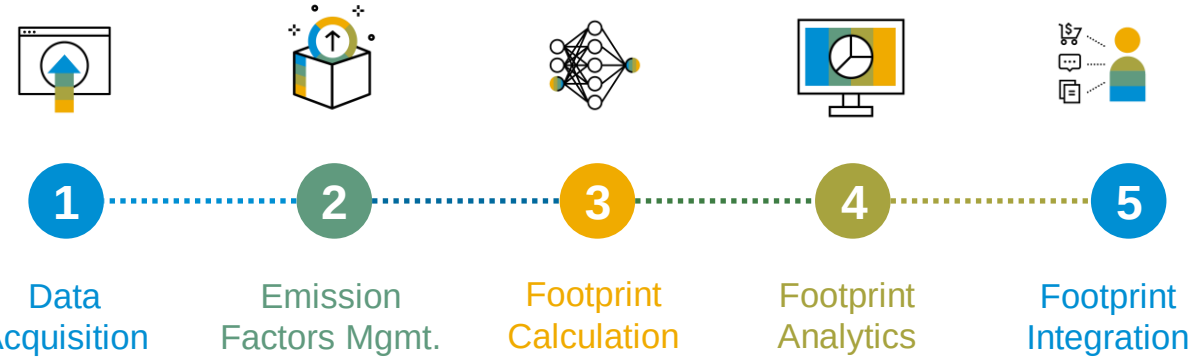
SAP Product Footprint Management



Calculate product footprints **at scale** considering the **entire product lifecycle**

for **disclosure** and internal **product & process optimization**

Product Capabilities



Key Benefits

- Vast reuse of existing business data and structures from SAP systems
- Vast reuse of business logic
- Monthly calculation of all products in the system
- Inbuilt integration back to SAP S/4HANA systems
- Emission factor management to help customers to upload sustainability content

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SAP Responsible Design and Production

Holistically manage packaging and regulatory risk across global markets and support transition to sustainable portfolio

In a Nutshell

SAP Responsible Design and Production helps producers manage their EPR obligations and plastic taxes so they can control and eliminate the costs of the downstream waste system and make design changes to eliminate waste.

OBJECTIVE

Provide tailored intelligence that will enable businesses to keep pace with EPR regulations and plastic taxes, embed circularity principles into core business processes and optimize design for regenerative business.

CAPABILITIES

- Manage EPR declarations and Materials Taxes in line with latest regulations
- Maintain a global view of progress and support circular design processes.
- Provide transparency and reporting to third party NGOs on Voluntary Agreements.

INTEGRATION

- S/4 HANA
- PLM
- ECC 6 (requires ABAP plug in)
- CSV/Excel Import

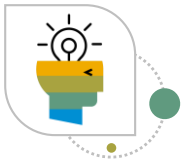
BENEFITS

Reduced Costs

Calculate fees and taxes accurately and implement measures to reduce regulatory exposure.

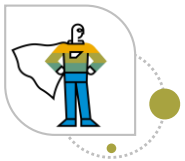
Deliver Commitments

Identify the right trade-offs and enable the strategic portfolio decision making process.



Empowered Consumers

Transition to a circular product portfolio and increase consumer engagement through authentic delivery of zero waste commitments.



More Information:

SAP Responsible Design and Production – Help Portal

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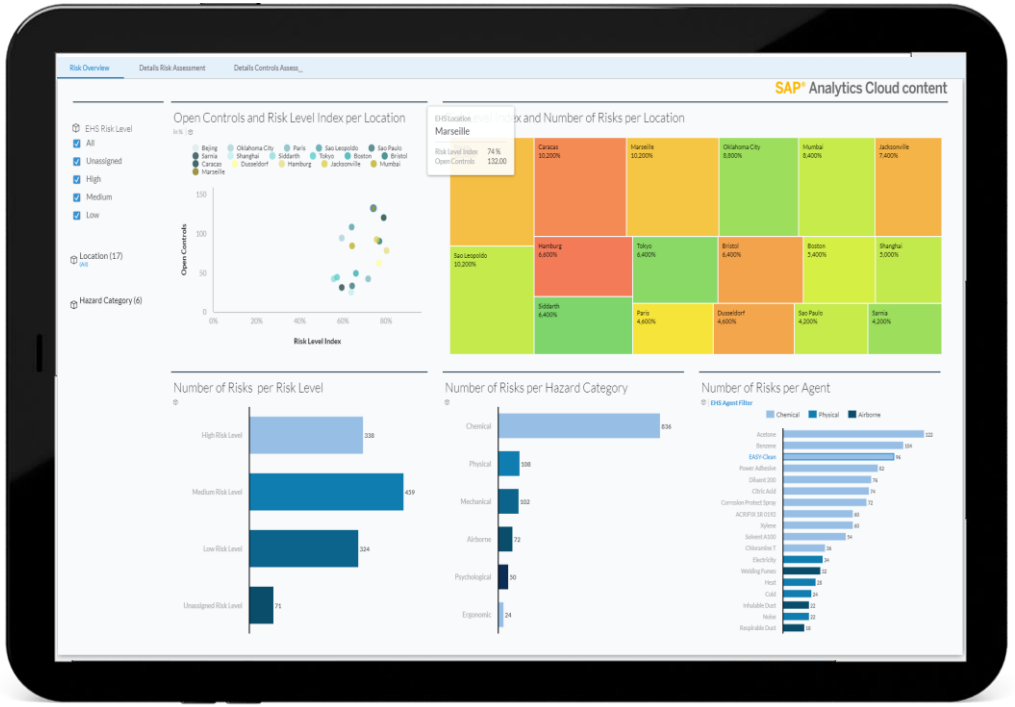
SAP® Environment, Health, and Safety

Proactively manage operational risks to protect people and the environment for own operations and plants



In a Nutshell

SAP Environment, Health, and Safety enables companies to monitor, track and control emissions incl. waste as well as the entire end-to-end incident and health and safety processes.

OBJECTIVE

- While you need to reduce environment, health and safety risks to foster safe operations you need to keep your business running. At the same time it's getting increasingly important to minimize your company's impact on the environment.
- By doing so you gather automatically relevant data along your operations.

CAPABILITIES

- Proactively identify, analyse, and mitigate environment, health, and safety risks.
- Detect and resolve safety issues and learn from incidents.
- Measure, track, monotor, and report air, water, and waste emissions.
- Manage operational changes with systematic reviews, risk mitigation, and approvals.

Software Requirements

- Integrated in SAP S/4HANA onPremise, Private Cloud, Public Cloud and SAP ECC
- Direct process integration with SAP Asset Management, SAP Human Resource Management and Material Management.

Benefits

Operational continuity:
Safeguard by preventing production loss due to downtime.

Safer operations:
Act on hazards before they impact safety through real-time analysis.

Optimized compliance:
Increase regulatory compliance, gain transparency and reduce associated costs.

More Information
SAP EHS - Product Landing Page
SAP EHS - Jam Page
SAP EHS - SAP Help Portal

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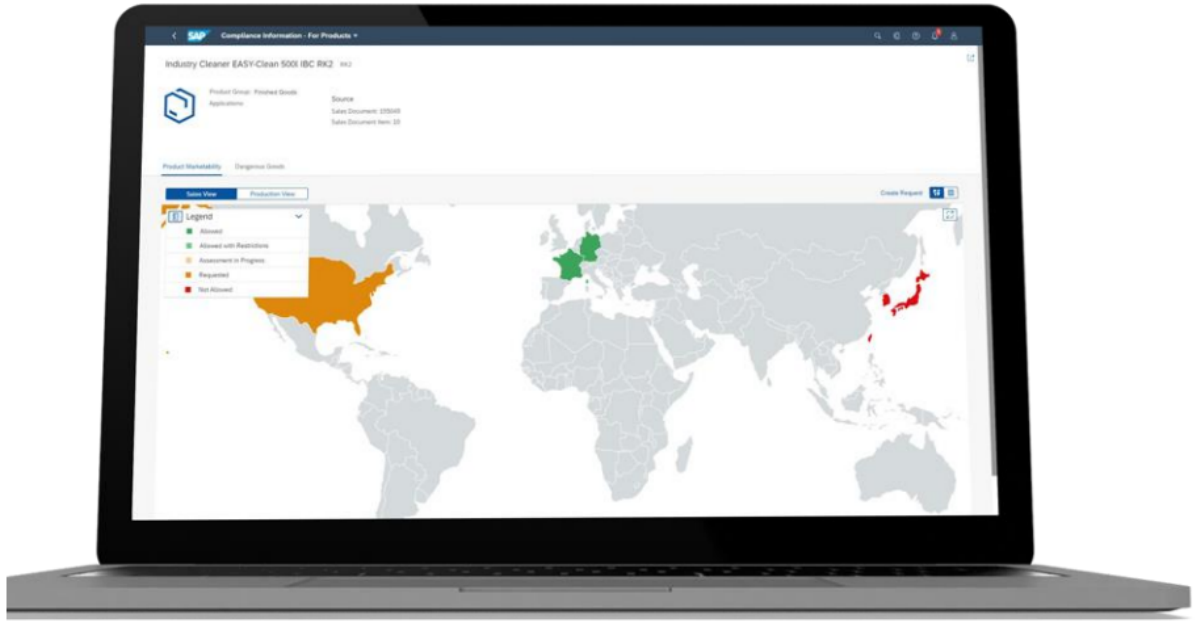
SAP® S/4HANA for Product Compliance

Ensure Product Safety and Compliance Throughout the Entire Product Lifecycle



Objective

- End-to-end support of product marketability and component compliance, and safety data sheet and label management, as well as dangerous goods management.

Capabilities

- Centralized management of substance, regulatory, compliance and dangerous goods information in line with legal and customer requirements
- Up-to-date provisioning of the latest regulatory content and automatic verification of products for different compliance requirements
- Automated creation and provisioning of safety data sheets, certificates, labels, and dangerous goods documents

Supporting Applications

- On SAP S/4HANA®: SAP S/4HANA for product compliance
- On SAP ECC: SAP Product Safety, SAP Product and REACH Compliance

Benefits

Cost-effective Compliance: Streamlined and efficient end-to-end compliance processes

On-time Delivery: Automated dangerous goods checks and document creation

Increased Revenues: Comprehensive compliance support enables accelerated product development and introduction

In a Nutshell

SAP Product Compliance applications offers complete end-to-end support across all relevant processes: from product development, purchasing and production to sales and distribution. Deploying automated compliance assessment and reporting, customers can mitigate reputational risk, while accelerating time to market.

Community

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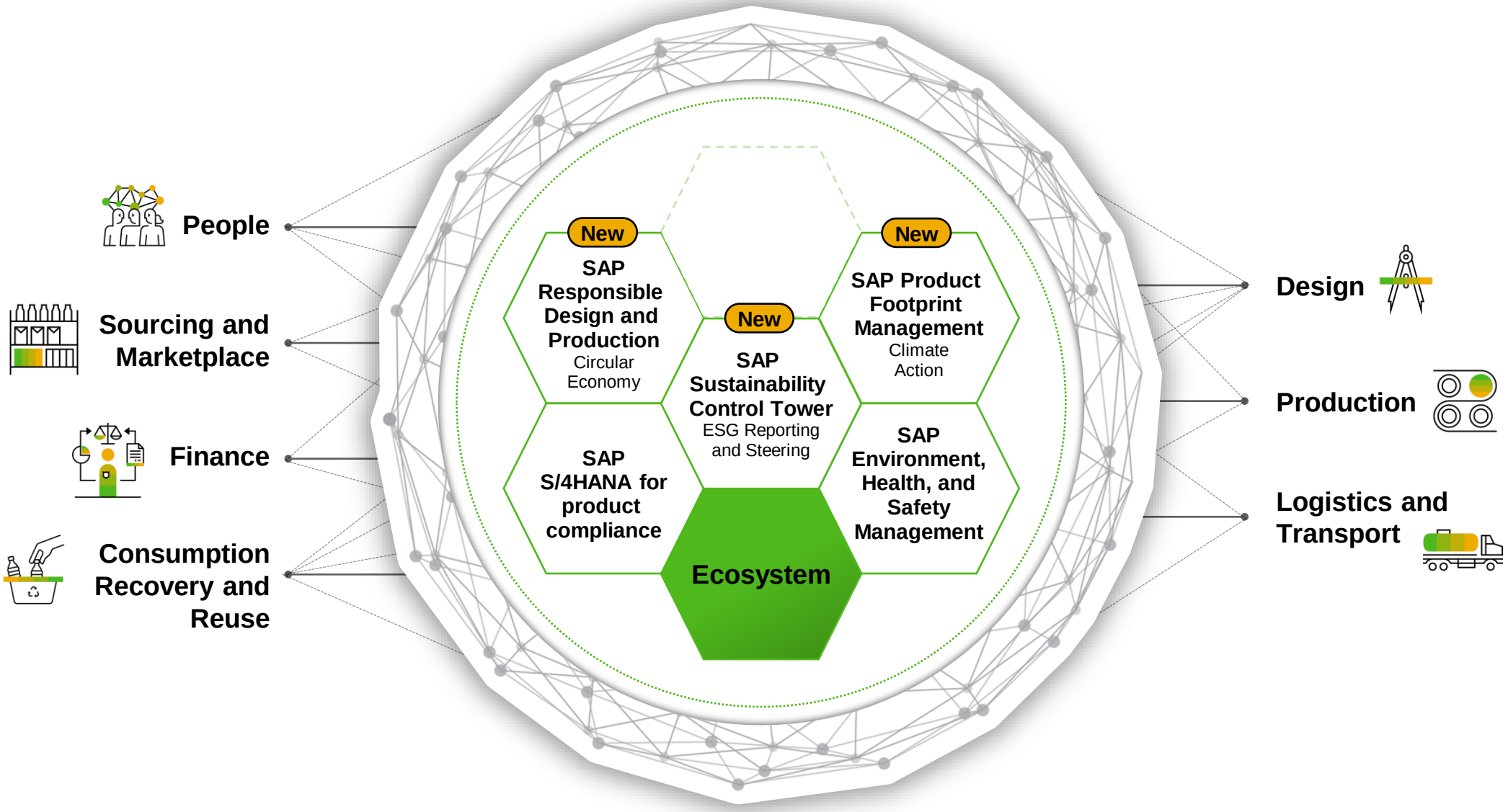
Enabling the “Green Line” with SAP Cloud for Sustainable Enterprises

Embedded in business processes. Into networks.



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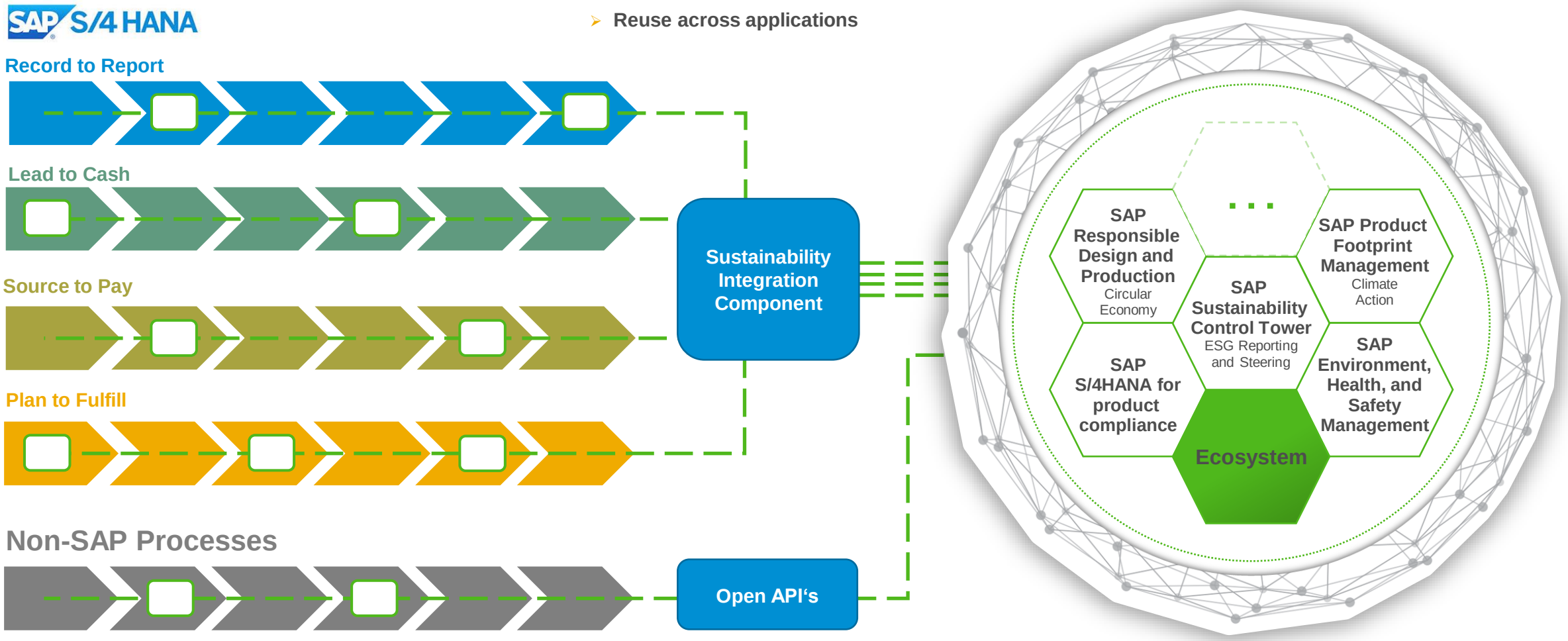
Embedding Sustainability across our End-End Business Processes

WiP

PFM: SAP Product Footprint Management | SCT: SAP Sustainability Control Tower | EHS: SAP S/4HANA for Environment, Health, & Safety | RDP: SAP Responsible Design and Production | PC: SAP S/4HANA for product compliance

Embedding Sustainability as a „Green Line“ Across Business Processes

- Out-of-the-box support for SAP S/4HANA
- Bi-directional data integration
- Reuse across applications



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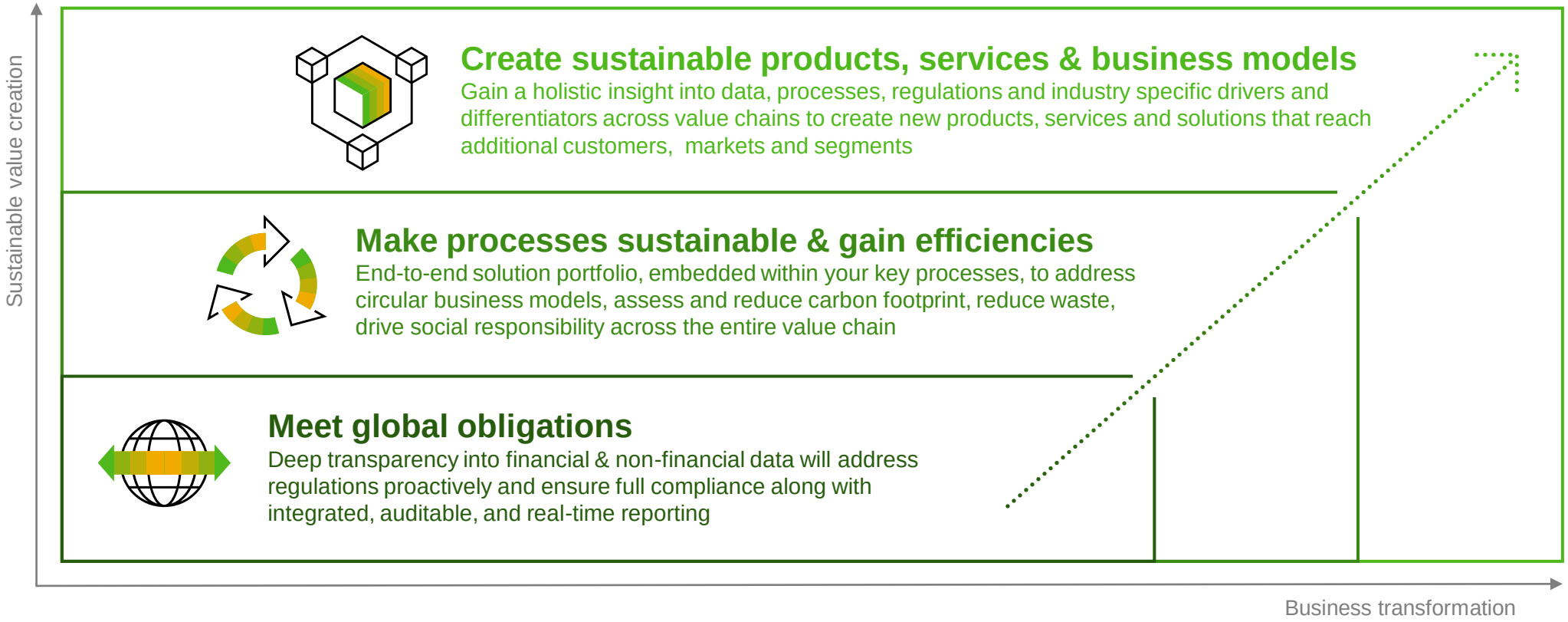
Embed Sustainability into your Business DNA

Place sustainability front and center. Embed sustainability insights into end-to-end processes extended throughout your business network. This will ensure efficiency gains, social responsibility and compliance, while mitigating risk.



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Jim Sullivan

E: j.sullivan@@sap.com
T: +1 202-631-8324