

SAP Industry Ecosystem Industry Innovation Partners

SAP for Process Industries & Natural Resources Conference

PUBLIC



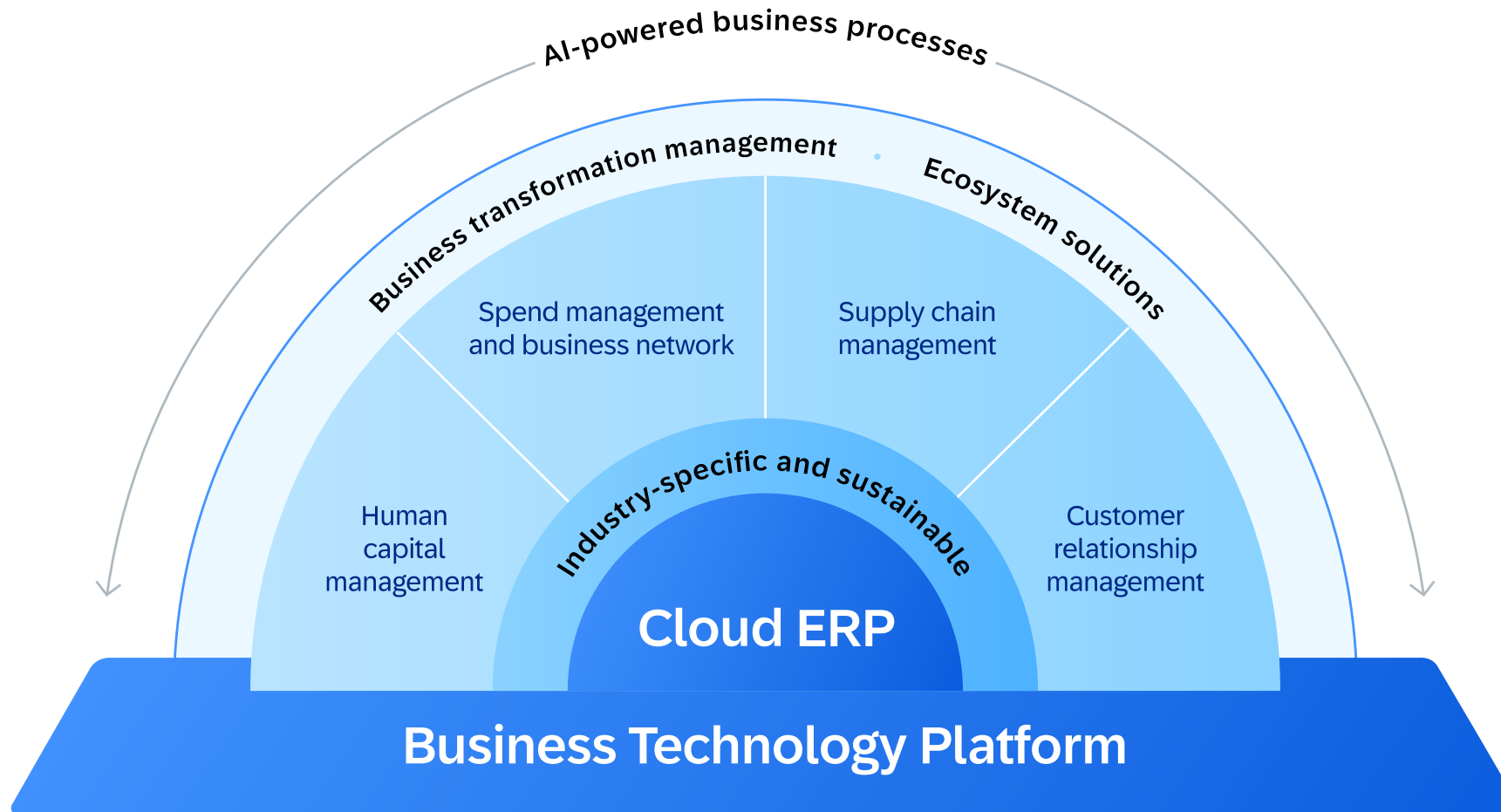
SAP for Process Industries and Natural Resources Conference

18 - 20 June 2024 | Vienna, Austria

Designed for the building materials, chemicals,
metals, mining, packaging and paper industries

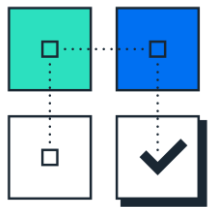
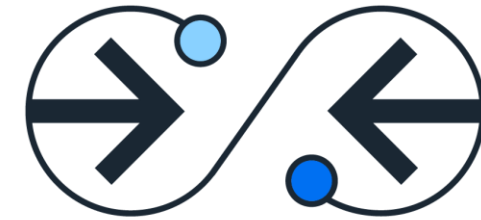


SAP's portfolio to increase focus & accelerate innovation



SAP's Industry Ecosystem

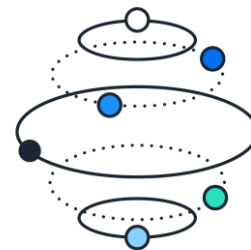
Accelerating innovation in the difference-making, competition-beating parts of what you do.



Extend SAP's Intelligent suite



Optimize, extend and transform core business processes



Business applications, not just technologies



Built by SAP and by its Partners



Interoperable and cloud native



Highlighted SAP Industry Innovation Partners



About NDC Group

NDCGroup



Trusted SAP partner.



Market leader in implementation of SAP Analytics Cloud solution.

Unprecedented expertise in the **Enterprise Performance Management solutions and Data Analytics** in the SAP environment with the focus on planning, simulation, reporting, and sales optimization

One of the most experienced SAC Planning + FP&A partners

100% success rate of SAC delivery

First SAC Planning EMEA implementation in 2016

Providing a unique combination of **business consultancy, data modelling and integration capabilities**, and **software engineering** excellence

Pioneering SAP Datasphere partner

SAP Services design authority for SAC

Authors of the original official SAC trainings and knowledge content

NDC Group solutions

NDCGroup



NDC FINANCIAL CONSOLIDATION

Significantly speed-up your closing cycles while meeting all financial reporting and legal requirements, including a complete audit trail.



NDC CONVERTER FOR BUSINESS OBJECTS

The automated migration path from SAP BusinessObjects to SAP Cloud Solutions. Up to 70% automation of the most time-consuming migration effort.



NDC PRODUCT CARBON FOOTPRINT

Gain production CO₂ footprint transparency and simulate the impact of your decarbonization strategies to your product carbon footprint and costs.



NDC DATA PRIVACY PROTECTION

Protection of company's data security in real-time. Monitoring and reporting access to sensitive data based on SAP Read Access Log functionality.



NDC WORKFORCE PLANNING

Plan demand for people and their allocation, determine costs and analyze the organizational setup. Cross-functional collaboration, multi-level analysis.



NDC PRODUCT COSTING

Analyze the cost forecasts through the levels of Bill of Materials and simulate alternative compositions or supplier setups.

NDC Group customers

NDCGroup



CLARIANT

 **Swiss Re**

Roche


ZURICH

Lonza

Gavi
The Vaccine Alliance

 **YAZAKI**


IOM • OIM

SEMPERIT

FUCHS

 **VIFOR
PHARMA**

OMVA


NOVARTIS

ABInBev

gorenje

JTi

hagler

Asahi

heubach
brighter colors - brighter life


**FRESENIUS
MEDICAL CARE**

 **Edwards Lifesciences**

PETROL

SAP

About Carbon Minds



Taking net-zero chemical value chains
from ambition to achievement



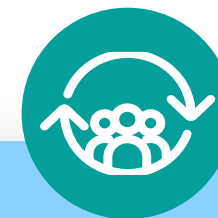
Data

Life Cycle Inventory database for
chemicals and plastics



Consulting

Environmental assessments and
reduction strategies



Training

LCA and PCF workshop, methodologies
& procedures

Carbon Minds solution



Carbon Footprint & LCA
Database



Coverage

100,000+ datasets covering 1,300+ chemicals and plastics



Specific

190 regions and multiple individual production routes



Compliant

Methodology in compliance
With ISO 14040/14044/14067, TfS and UEIL/ATIEL

Carbon Minds references



Driving Innovation Through The Use Of Consulting & Self-Implemented Software

We help organizations to make important steps in digitalization by using the most important technologies and a common stack of tools.

Consulting our clients on key technologies

Offering software that is ready to use

Digital Organization

Create a sustainable future for your organization and grow beyond your business

Digital Innovation

Use inter-disciplinary teams and empower your team to build digital success

Digital Interfaces

Create interfaces and define the future of interaction between humans and digital devices.

Artificial Intelligence

Use Artificial Intelligence to make your work smarter, faster and more successful.

Data Analytics

Data is the new oil - you just need to know how to find and mine it.

SAIFTY

Enhance your product safety for the process industry, logistics, warehousing and recycling

FREIRAUM

Automatically extract financial indicators from unstructured text to make better decisions

SEP

Use AI and Big Data to rethink controlling and processes in labs and technology parks

ROBOTS

Build automated processes, using trained AI

MOSAIK

Use AI and Big Data to rethink labs technology

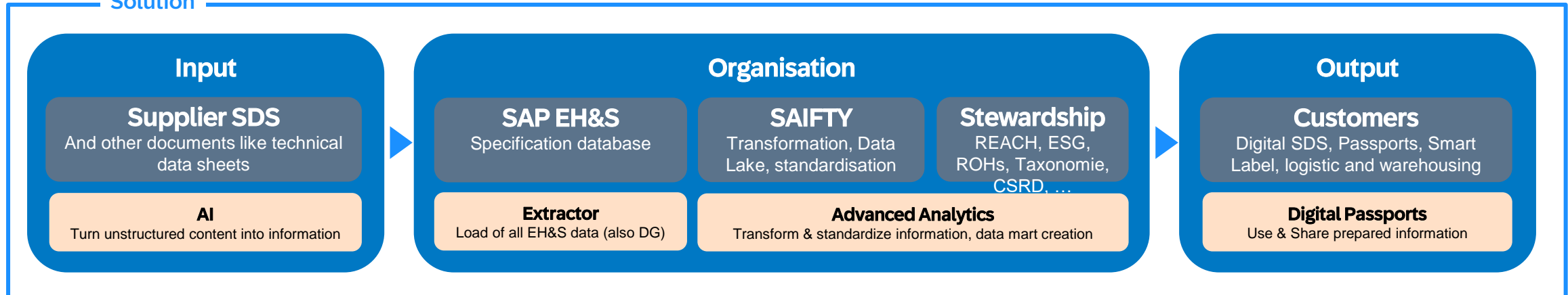
COAC solution: SAIFTY



Challenge

- Increasing regulatory requirements (CLP, REACH, ...)
- Availability of specialists (chemists, toxicologists, ...)
- Requirements from the field of sustainability, circularity (ESG: CSRD, EU taxonomy, ...)
- Specification related data demand from stakeholder of value chain

Solution



Benefits

Qualitative	SAIFTY reduces the effort required to capture SDS by ~70% .	Access to all SAP EH&S data can be reduced by ~80% .	SAIFTY reduces EH&S data reporting effort by ~60% .	SAIFTY reduces the effort to respond to customer requests by ~65% .
	Through the interaction between humans and AI, information is extracted more reliably and quickly.	SAIFTY enables access to all SAP EH&S data in one central location. Exports from SAP are no longer necessary.	SAIFTY provides an always up-to-date data room for SAP EH&S. Requirements such as REACH, ESG, ... Can thus be automated.	SAIFTY enables completely new customer experiences. These include self-service access and personalized information.

COAC outcomes



MATERIAL MANAGEMENT

Coac is helping industry to manage chemical information along the value chain faster and to get data intelligence installed

- ▶ 60% time saving
- ▶ 30% higher service quality
- ▶ Connected Industry

AI FOR REAL ESTATE INVESTMENTS

Coac invented freiraum to rethink the way institutional investors for real estate evaluate their opportunities

- ▶ 85% time saving
- ▶ 20% more investments
- ▶ Enabling internationalization

AI FOR LABORATORIES

Coac invented the MOSAIK smart plug to help organizations manage technical devices more efficiently and intelligently.

- ▶ ~20% cost savings
- ▶ ~30% more efficiency
- ▶ Enabling sharing economy

PANDEMIC PREDICTION

Coac is working together with DLR and HZI to predict calculations of main frame computers using classic AI and infrastructure

- ▶ No main frame computer required
- ▶ Complex insights faster

DIGITAL PLATFORM FOR HYDROGEN

BMW supports the work of coac, TH Köln, HyCologne, Climate-Kic, Provadis Hochschule and many more on the design of a digital platform to drive the hydrogen ecosystem

- ▶ 20 new contacts in one minute
- ▶ 90% time saving on offerings
- ▶ 40% time saving on project val.

AI FOR WIND ENERGY PRODUCTION

Coac helped RWE to become the best in class for offshore wind farm design by using AI to generate ideal layouts.

- ▶ 92% time saving
- ▶ 5% better wind farm design
- ▶ 400% faster evaluations

EQUIPMENT MANAGEMENT

Coac is helping brown field industry digitalizing their plant documentation & manage master data to reduce maintenance and project cost.

- ▶ 2%-12% cost saving
- ▶ Rapid transformation
- ▶ Digital Twin ready

QUALITY MANAGEMENT

Coac helped a chemical & pharmaceutical blue-chip company to rethink their quality management process using historic data.

- ▶ 17% time saving
- ▶ higher service quality
- ▶ 40% faster reaction time

About LiveEO and TradeAware

LiveEO was founded in 2018 with a simple vision: to apply Earth Observation data from satellites to improve the way we do business, and live our lives.

The European Union Deforestation Regulation (EUDR), is the first of what will become a wave of regulations turning voluntary industry efforts into compulsory requirements.

Exporters and traders of cattle, cocoa, coffee, palm oil, rubber, soya and timber, and certain derivatives will have until 31 December 2024 to meet these high data and evidence requirements. EUDR potential fines will be 4% of annual global turnover resulting in millions or even billions of euros of revenue lost.

TradeAware is the end-to-end solution for EUDR compliance, minimizes business impact



The essential solution for EUDR compliance.



+250 companies use TradeAware

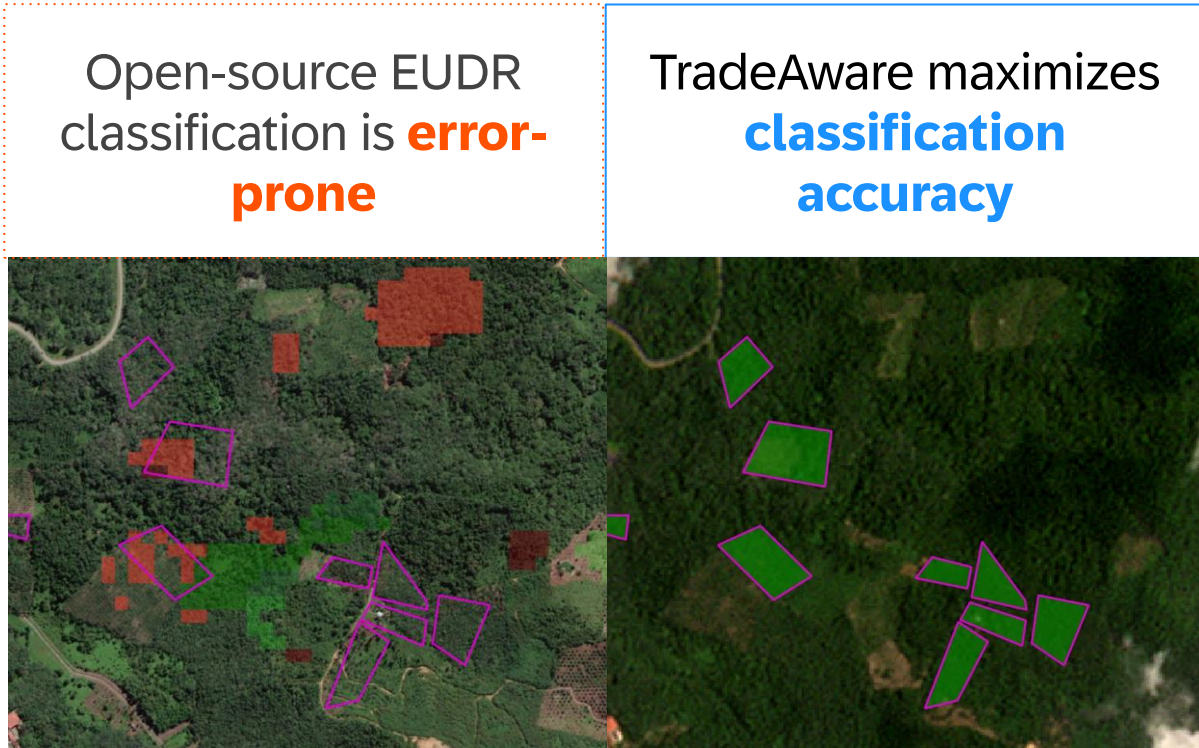


Customers in 16 countries, every continent



Goals: enable EUDR compliance, ensure deforestation-free supply chains, avoid negative business consequences

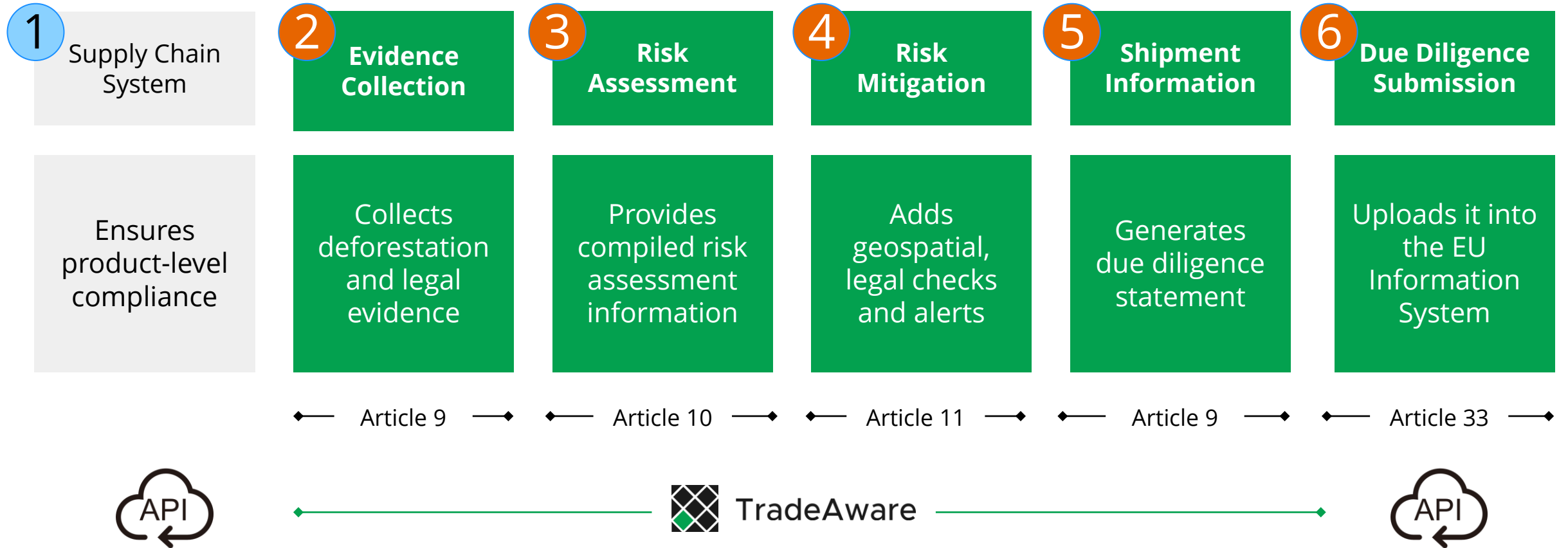
Poor deforestation detection analytics exposes you to several risks



-  reduce errors up to 35 times
-  protect thousands of farmers' jobs
-  save millions in supply chain disruption
-  avoid 4% of your revenue in fines

Side-by-side comparison of deforestation monitoring of the same farms in Thailand

TradeAware: Bridging the gap between your system and EUDR requirements



About S1Seven



S1Seven was founded in 2019, and is based in Vienna, Austria. S1Seven operates a decentralized software platform intended to provide digital quality certificates-as-a-service for steel, metal, and plastics.



The Digital Material Passport from S1SEVEN provides evidence of material origin and sustainability. It is available in the SAP® Store and can be integrated into SAP S/4HANA.

The Digital Material Passport enables the automation and shared use of auditable quality and sustainability data for steel, metal and plastics.

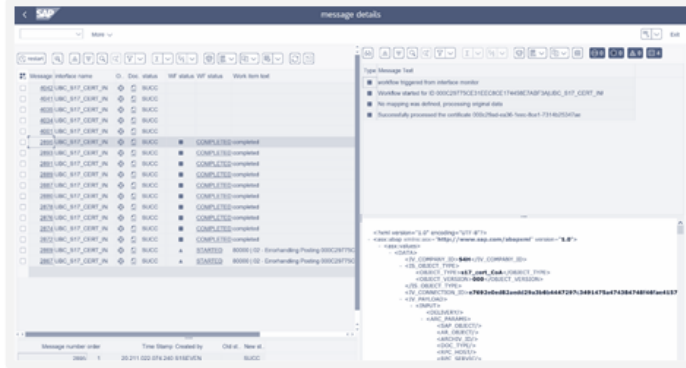


Workflow and rollout:

Snap-in integration, supporting existing enterprise software

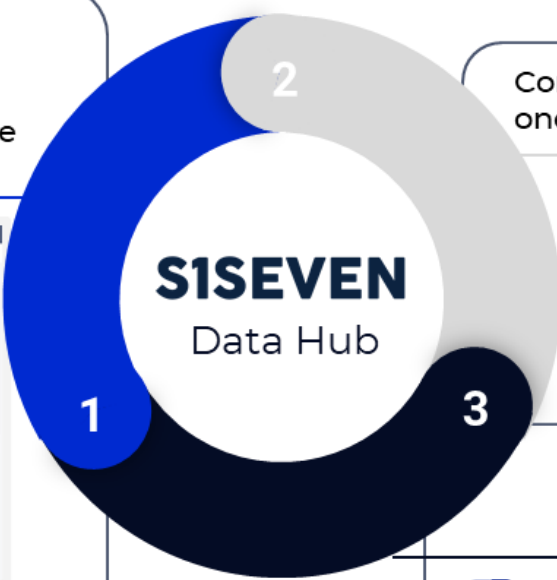
Material Providers

One unified approach to declare, share and evidence material compliance for the diverse needs of all customers



Compose
Orchestrate data sources and create a DMP from your existing enterprise software.

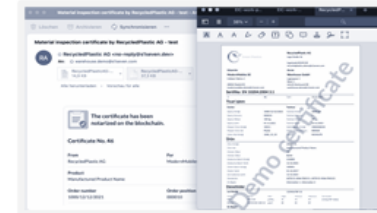
Notarize
Provide immutable credentials to the DMP and its content, secured on the Blockchain



Connect all customers with one single set-up

Unregistered Users

As email and PDF maintain supported, a Material Providers migrate all its customers at once, as the just receive one additional attachment.



Subscribed Users

Connect
Simply integrate DMP data with digital workflows, regulatory registries and industry data ecosystems just one single set-up

Verify
Check data integrity and the identity of its originator anywhere in the value chain online or via API for free



S1Seven outcomes

Immediate savings:

Save time, reduce risk and drive efficiency in an increasing number of use cases, ROI from day one



Thank you

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