

WHY CHOOSING AN ERP-CENTRIC APPROACH TO ESG MAKES SENSE?

[Video link](#)



IBIS DATA BRIDGE

Unlocking sustainability reporting within your SAP landscape with IBIS as your key

60%

Effort reduction in
implementing SCT

90%

Automation degree of
quantitative data

5 weeks

To get SCT up and
running



- Over **30 years** SAP expertise, **4,000+** projects worldwide
- Standardized methodology & data lineage
- Fully traceable calculations down to transaction level
- Fully SAP SCT compliant – official extension
- Certified ABAP
- ISO 27001 compliant

Offering

Enables ERP-centric reporting within your SAP landscape

by ensuring source systems are well prepared and bridging data into SAP Sustainability Control Tower

- **Reliable data streams** for real-time ESG disclosure, steering and target monitoring per sustainability standards
- **Continuous optimization recommendations** to future-proof reporting
- **Audit-ready data backbone** strengthening end-to-end transparency and disclosure confidence within SCT

Business Value



Speed & Efficiency

Rapid deployment and time-to-value with lower costs via automation and minimal consultancy loops



Data Quality & Reliability

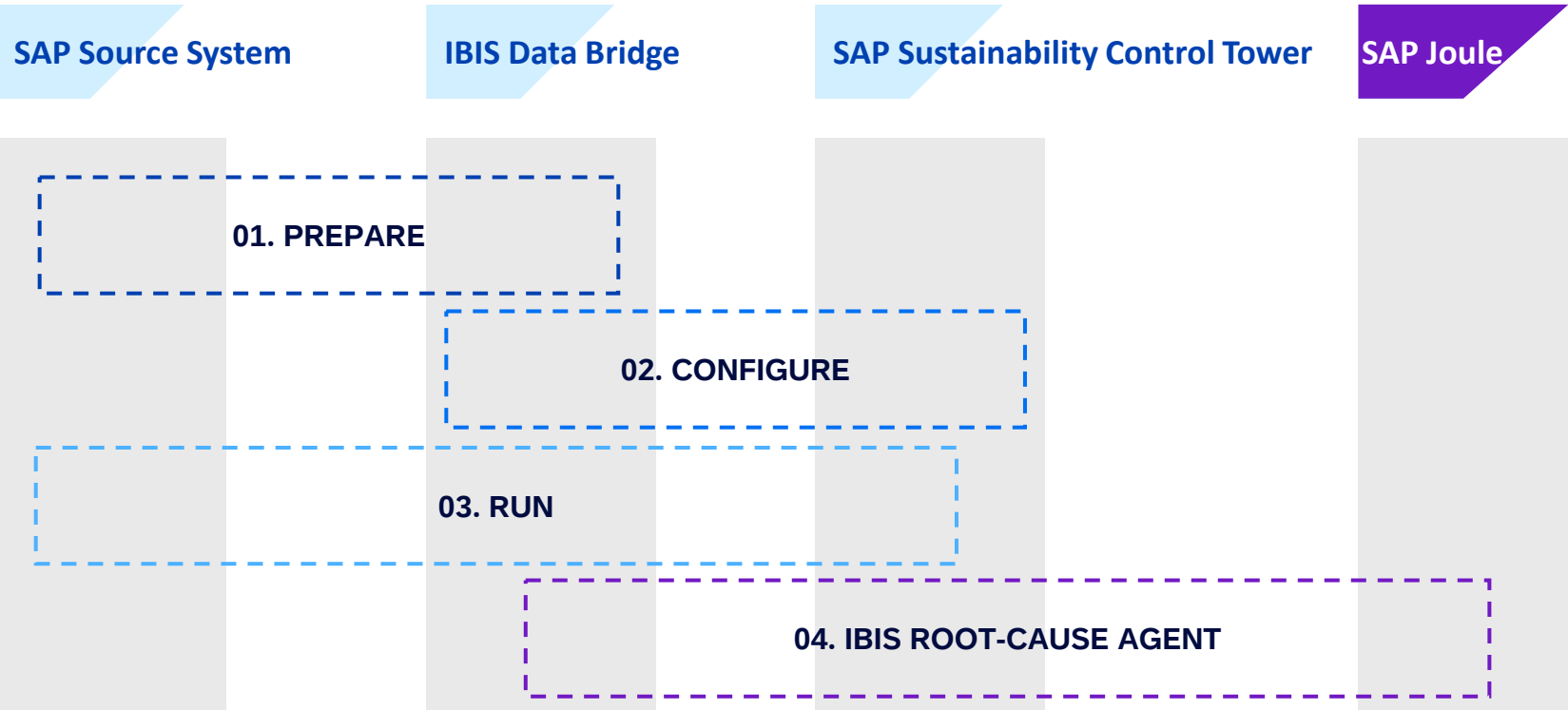
Enhanced transparency via automated primary data integration; consistent, traceable calculations for benchmarking and audit compliance



Business Empowerment

Transform ESG from a data collection exercise into strategic decision-making; scale reporting across geographically dispersed, multi-regulatory environments

Architecture



01. Ensure a successful implementation

Data Point Readiness will be checked upon different frameworks (ESRS or ISSB).

02. SCT Configuration:

Operational setup includes master data transport. For example, standard organization structures.

03. Run sustainability as a process with **regular and automated data transfers**. Consistent reporting - predictable and stable.

Data extracted from the source system is validated for quality and restructured into the format (actuals/CO2 values) required by SCT's DPs. SCT Metrics then interpret this data - transmitted via the DPs - to deliver actionable insights for decision-making and disclosure.

04. IBIS Root-Cause Agent

The agent reviews numerous layers of data and provides well-founded explanations for key metrics, even when the reasons behind them are complex and diverse. This enables audit questions to be answered effectively.

Dev Preview

Relevant Aspects



SCT Export Structure

Master Data

4

Business Locations
out of 4 Business Locations can be integrated from SAP

2

Legal Entities
2 legal entities available from SAP

13.14K

G/L Accounts
13,138 G/L accounts identified from SAP

1

Asset Classes
1 asset classes available from SAP

Emissions

2.65K

Scope 2 Emissions
tons Scope 2 emissions available

1.01K

Scope 3 Emissions
tons Scope 3 emissions available

0

Scope 1 Emissions
tons Scope 1 emissions available

Ressources

Energy

Energy DPI
3,132 MWh procured energy.

Resource Use

Resource Use DPI
(V2)

Waste

Waste DPI
(V2)

Social

People

People DPI

Injury

Injury DPI
(V2)

Scope 2 GHG emissions location-based

Total Result

1,402

Tons of CO2 emissions

Status

Change data point status by selecting the option.

Verified

Data available

No data available

Not Material

Send to Sustainability Control Tower

Start Import Run

Validate in SCT

Publish in SCT

Calculation Factors

Scope 2 GHG emissions location-based

Search

MEASURE_VALUE_C...	ID_SOURCE	ID_MEASURE	MEASURE_UNIT	PERIOD_TYPE	PERIOD_YEAR	PERIOD_MONTH	PERIOD_QUARTER	FISCAL_PERIOD	CORRECTION_YEAR	CORRECTION_MONTH	CORRECTION_QUARTER	CORRECTION_FISCAL_PERIOD	ID_GAS_TYPE	ID_BUSINESS_LOCATION	ID_ORG_UNIT	ID_COMPANY_CODE	ID_SCOPE
1,379.19	S4H/502	EMS_QU...	t	M	2025	5	2						CO2	P1000		1000	2
22.37	S4H/502	EMS_QU...	t	M	2025	3	1						CO2	P1000		1000	2

SAP Data Manual Data

Procured Energy - Transactional data

Promote to Task

Quantity of procured energy

3,132.0000

MWh

Move to manual

Costs on energy relevant cost ...

Promote to Task

Value per company code in Euro

9,244 // Accuneers AG Würzburg (1000)

Procured Energy - Transactional data

Promote to Task

Logistic invoices with energy

2

Documents

Move to manual

Administrative data of Extract

Promote to Task

Analysed Client

502

Client

Knauf x IBIS – ESG POC

Prove that ESG reporting works on a scalable ERP-based data architecture,
validated with real data and ESG expert review

Start

- // There is a need for an **ERP-centric approach** in order to reduce manual effort and the risk of errors and to enable global scalability
- // Determine whether **ESG reporting** is also possible within the **SAP ecosystem**: Assess whether the SAP SCT functionalities are comprehensive and mature
- // **Proof of concept** to quickly determine, using our own data, whether the project is technically feasible and has stakeholder support

Scope & Setup

- // Up to **5 ESG KPI's** across 3-5 locations
- // Combining **SAP data** with **data from the existing reporting tool** to quickly generate **comprehensive test data for the SCT**
- // **4–6 weeks** until **visible results**

What IBIS built

- // **ESG-relevant data** derived from SAP documents using the **IBIS Data Bridge**
- // **Enrichment of supplementary data** within the system context (CO₂ equivalents)
- // **Modeling the data** for the interface in **SAP SCT**, including master data

What IBIS proved

- // **It works** and is scalable for concert-wide global ESG reporting
- // The **SCT maturity level** has reached a **high standard**, and its features are **valuable**
- // **Automated, high-quality, and traceable data streams** are possible

Contact



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