







ICV Controller Kongress 2023, May 15th



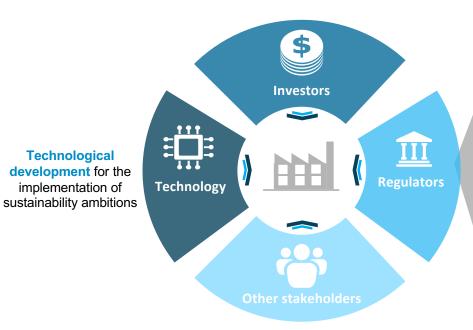
- Which are current and future REQUIREMENTS within ESG Reporting and Steering?
- What are the CHALLENGES with regard to data management and automation?
- How to BENEFIT from insights via Sustainability Analytics Excellence?
- How to SET UP a Sustainability Accounting System and implement CSRD, TCFD and EU Taxonomy requirements?



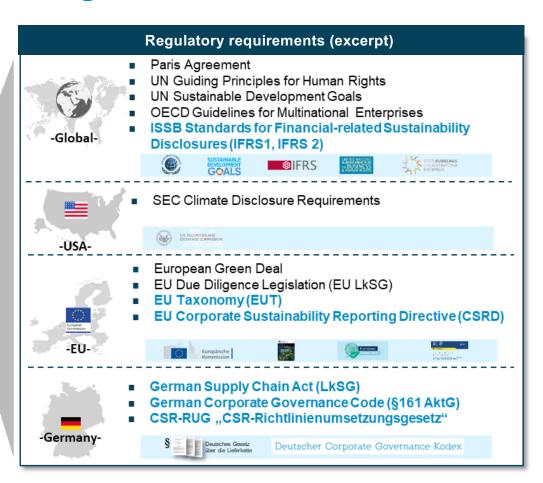
Which are **current and future requirements** within ESG Reporting and Steering?

New regulatory and capital market requirements are increasingly driving sustainability management and reporting

Sustainability ratings and information to enable better investment decisions



Increasing demand for sustainability (Purpose) by Customers and employees



The CSRD acts as a "catalyst": The beginning of a new "era" of (sustainability) reporting

Financial and non-financial information at eye level

Status quo: NFRD



- Focus on qualitative Information on concepts/ due diligence with regard to environmental, social and employee issues, respect for human rights, combating corruption and bribery
- Focus on retrospective information
- Limitation of materiality to the company
- **■o** Testing
- **手** Form
- No mandatory test
- Freedom of choice of representation
- No obligation to provide in digital format

In the future: CSRD

- Expansion of qualitative disclosures, but especially of quantitative disclosures within the framework of the EU taxonomy as well as the EU reporting standards (ESRS) in all ESG dimensions
- Additional forward-looking information
- Clarification of double materiality
- Mandatory testing ("limited assurance" in 1st step, "reasonable assurance" in 2nd step)
- Mandatory integration in the management report
- Obligation to provide in ESEF data format

Sustainability is a strategic CxO priority - but with a wide range in terms of the current state of expansion in the companies

Importance of sustainability for companies

The importance of sustainability as a strategic priority is steadily increasing



... of all CxOs see the integration of environmental sustainability into the corporate strategy as an important topic at



Ecological sustainability is continuously gaining importance and has been ranked 3rd place among the strategic priorities for 2022 (out of a total of 13)

So far, only 55% of all companies have developed a target for sustainability - the rest should act now, as stakeholders will successively increase their pressure

Status quo of the study participants



Starting point

There were still no steps undertaken regarding sustainability

Measuring

We already have transparency about the current status of sustainability in the company (e.g. is CO2 footprint known)

Target image

We have defined a clear target picture for ecological sustainability and for measures that contribute to achieving the target picture

Control

We actively steer our company in the direction of the defined target image

Integration

We have aligned our entire business and operating model with our goal of ecological sustainability

The CFO area is required to take an active role in the sustainability transformation

Future role of the CFO area

74%

Future

The importance of sustainability for the CFO area will increase significantly

Three quarters of all CFOs believe that sustainability will be of great importance for their department in the future

The role of the CFO area will expand in the area of sustainability by taking an active role in shaping the sustainability transformation

	Possible roles for the CFO area	Active Design	Current Role (%)	Future Role (%)
	Sustainability avoiders No active participation in the design		9%	4%
	Sustainability Reporter Transparency and compliance with standards		41%	16%
0.00	Sustainability Controller Risk management and initiatives		31%	28%
	Sustainability Performance Manager Integration into Performance Management		8%	50%

21%



What are the **challenges** with regard to **data management** and **automation**?

Key challenge data availability and quality: companies often have significant gaps to fill for sustainability reporting and management

Data availability and quality in green controlling

Data availability is a key challenge for sustainability

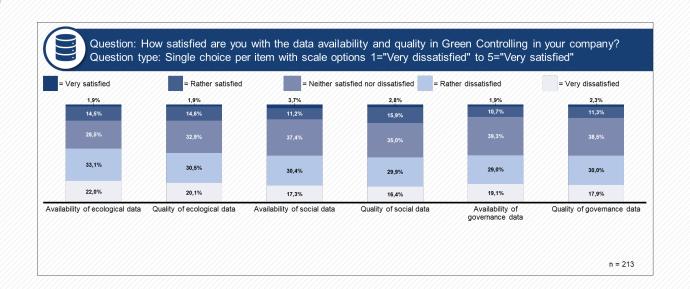
The lack of data availability and quality exists across all sustainability dimensions



... of respondents are currently dissatisfied with data availability and quality of sustainability information



In particular with regard to environmental information, the future need for action is assessed as particularly high



The current CSRD projects illustrate the enormous implementation effort and resource requirements for regular operation

First Experiences in the framework of the CSRD Implementation

Numerous reporting and control requirements in the future

Even well-positioned companies will have to invest a great deal of effort to ensure that the requirements are met in a timely manner



>600 qualitative and quantitative CSRD KPIs, >1000 data points



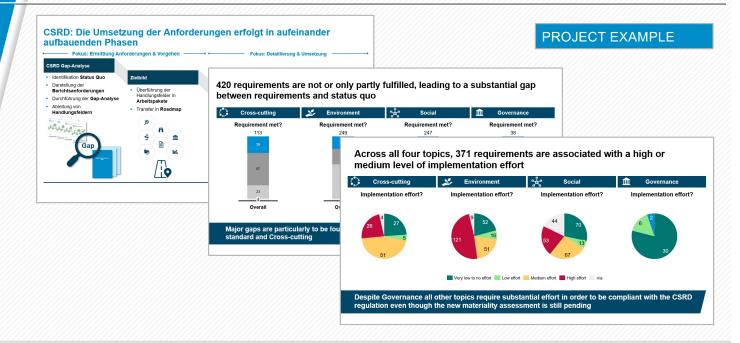
Linking retrospective and futureoriented data



Reconciliation of financial and non-financial KPIs



IT is a key success factor for efficient reporting and control

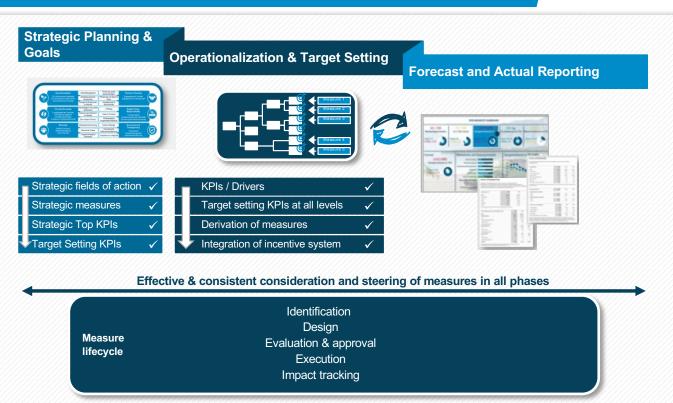


^{*} Based on own breakdown of disclosure obligations. Depending on individual materiality considerations by phase-in-period.

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External Reporting as starting point - Integration in performance management via KPIs and sustainability measures crucial

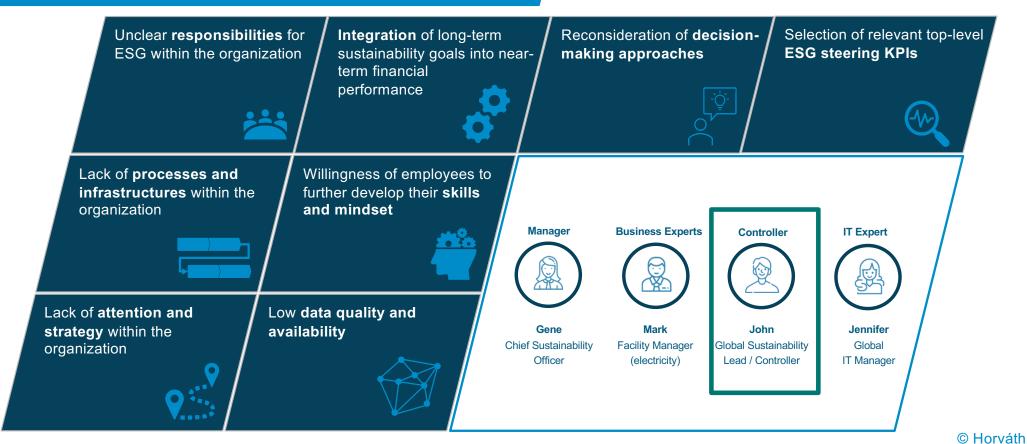
Processes - Integration into planning, target Setting and reporting



- Tracking ESG performance needs the right KPI set and effective measure tracking (as KPIs might lack steering relevance, e.g. due to delay of measure impact)
- ESG action fields and the corresponding initiatives are already part of the strategic planning process
- These should then be further operationalized; concrete targets need to be assigned and their achievement anchored in incentive systems
- Functional responsibility (e.g., procurement, operations,...) should be clearly assigned
- Implementation status of measures as well as respective KPIs need to be integrated into management review meetings
- Degree of integration in the steering processes (Price, Score, Rules, Fines) must be defined

Sustainability performance management brings major challenges with it and requires innovations in company-wide processes

Challenges for sustainability performance management



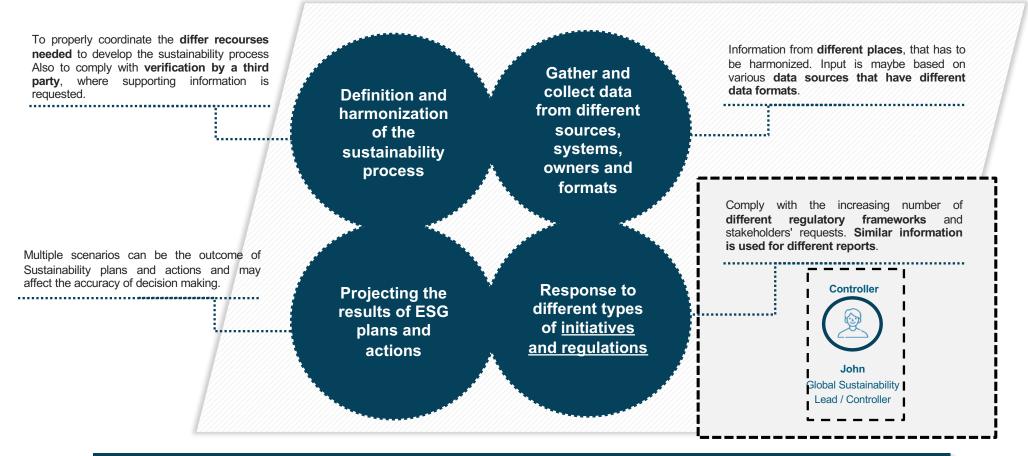


How to **benefit** from insights via **Sustainability Analytics Excellence**?





Main Corporate Challenges

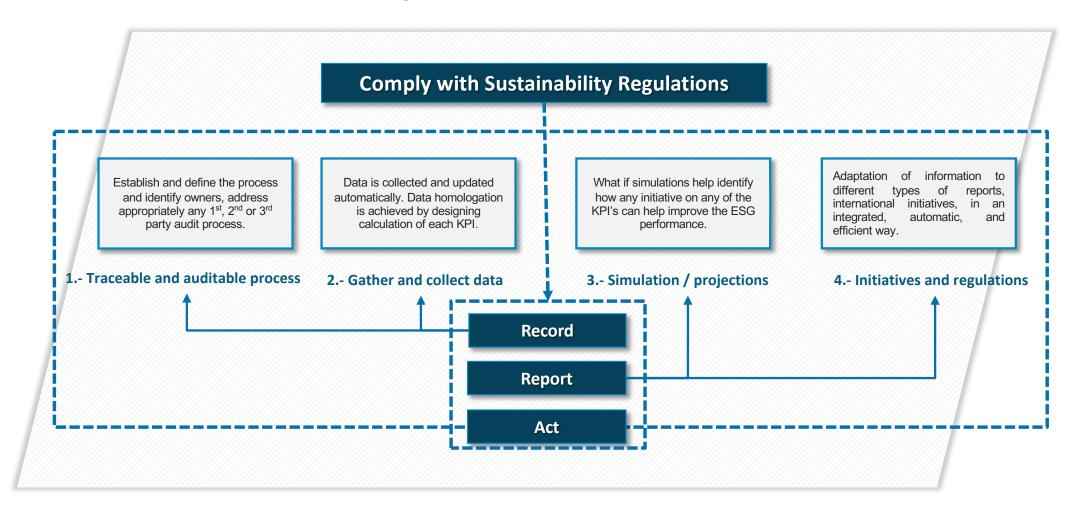


COMPLY WITH REGULATIONS is one of the most important activities of the Sustainability Process. The use of technology is ESENCIAL for this task.





Add value to the Sustainability process





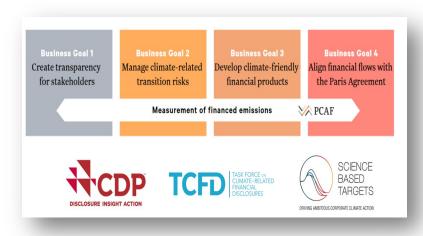
How to **set up** a **Sustainability Accounting System** and implement CSRD, TCFD and EU
Taxonomy requirements?





Controller

Sustainability accounting system (compliance and beyond)





SAP

- Obtain corporate reports automatically.
- The same data is used to adjust to the requirements of different reports.
- Match the reporting needs of mayor stakeholders.
- Customize the reporting interface with corporate information such as targets, goals and ambitions.
- Increase the validation and evaluation of ESG performance by generating the reports in shorter periods.
- Support all mayor GHG Protocol KPI's linked to Scopes 1,2 and 3.







Sustainability accounting system (compliance and beyond)

Emission and other ESG components Calculation

Framework Assessment

Framework Screening Results

Collect and Prepare Data

Transactional data

- Journal Entries
- Production data
- Purchase data
- Activity data
- Sales data
- Logistics data
- Project data

User-defined Mapping Tables

- Account Group Mapping
- Organizational dimensions and Economic Activity Mapping

Specific framework Screening data

- Screening Criteria data
- Input data for environment objectives and activities

- Upstream: using Purchase data to calculate upstream specific metrics and data.
- Operation: Use Activity data and Emission Factors to calculate emissions during operations
- Downstream: using Sales data to calculate downstream emissions, specific metrics and data.
- Allocate metrics from the entire value chain to products

- Consolidate transactional data
- Allocation of financials across economic activities
- Perform financial classification (CapEx, OpEx, Turnover) if necesary
- Enrich consolidated data with user-defined mapping tables
- Identify environmental, social and governance for eligibility
- Perform technical screening

- Calculate framework comply and alignment KPIs
- Prepare different reports
- Prepare CapEx, OpEx and turnover reporting is necessary
- Report granularity
- √ Scenario (Actual/Planned)
- ✓ Company
- ✓ Profit Center
- ✓ Plant
- ✓ Industry
- ✓ Project/WBS elements
- ✓ Asset
- ✓ Material
- ✓ Economic Activity























Framework alignment





Sustainability accounting system / Sustainability Control Tower

Automated, auditable, compliant reporting with actual data & insights to embed sustainability into business processes



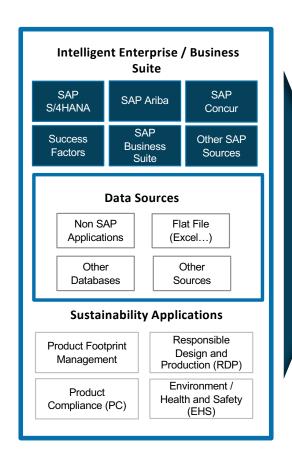


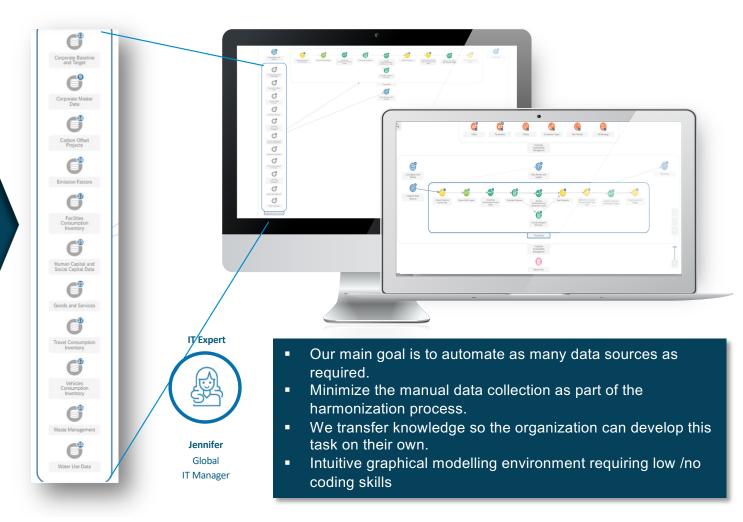






Sustainability accounting system / Sustainability Control Tower

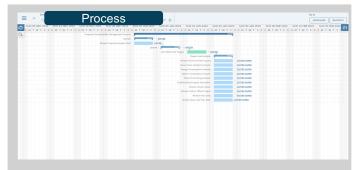






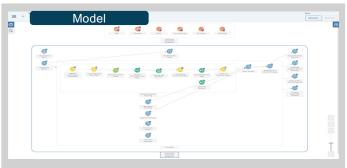


Sustainability accounting system / SCT accelerators



Predefined End-User Processes

- Process activities & workflows to guide end-users through the whole sustainability process
- Four-Eyes principle to structure data input and review



Predefined Data and Calculation Model

- Corporate, value chain, product, and portfolio sustainability ESG calculations and assessments based on sample data
- Quarterly updates on premise
- Content available on Public and Private Cloud
- Standard-compliant result views



Predefined End-User Reporting and Simulation

- Supports GRI, WEF Stakeholder Capitalism Metrics, TCFD, GHG Protocol, PCAF Standard, EU Taxonomy, SFDR PAI, SBTi
- Powerful simulation capabilities to analyze different scenarios

Sustainability Contents Corporate Sustainability Management Energy Transition Management towards Net-Zero

EU Taxonomy Management Financing and Investment Sustainability Management

Production Quality and Sustainability Management

Sustainability Impact Measurement and Valuation

Value Chain Sustainability Management



Questions and answers?

Thank you very much for your attention!



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