

Enhance Compliance & Sustainability in Your Supply Chain with CDX and Anthesis

Thomas Frühbuss, DXC
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Speaker Introduction



Thomas Frühbuss

DXC Technology - Account Business Executive



Thomas is the Account Business Executive for the International Material Data System (IMDS) and the Compliance Data eXchange (CDX) since 2012. His extensive experience ensures a deep understanding of regulatory compliance challenges and solutions.

Send Thomas an email at cdx-info@dxc.com



Wolfgang Wick

Anthesis - Director Information Solutions



Anthesis is the world's leading purpose driven, digitally enabled, science-based activator. Wolfgang brings a wealth of knowledge in integrating sustainable practices into corporate frameworks.

[Follow Wolfgang on LinkedIn](#)



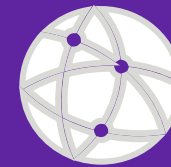
DXC Technology Corporate Overview

About DXC Technology

Who we are

DXC Technology is the world's leading independent, end-to-end IT services company. We lead clients on their **digital** transformation journeys, **multiply** their capabilities, and help them harness the power of innovation to **thrive on change**.

Why we are different



Technology independence

Working with our global partner network, we deliver the best, most proven solutions to de-risk technology investments.



World-class talent

We are investing to attract and upskill the talent who will lead global business tomorrow.



Confident guidance

We have met the challenges of innovation many times and have a clear and confident vision for leading clients on their digital transformation journeys.

DXC at a glance

\$14.4B

FY23 revenue

60+

years of innovation delivering mission-critical systems for customers

130,000+

employees worldwide

100+

countries

200+

partner ecosystem with best-of-breed partners

230

customers in the Fortune 500

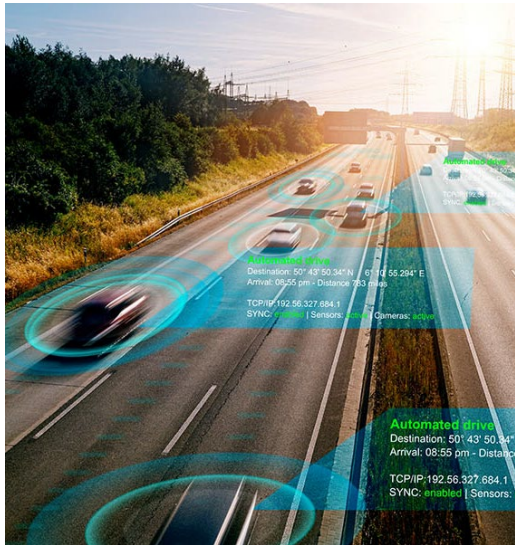
AA

rating from MSCI for outstanding ESG performance ([disclaimer](#))

#255

in the 2023 Fortune 500

Serving customers around the world in diverse industries



INSURANCE
HEALTHCARE
LIFE SCIENCES
TRAVEL
TRANSPORTATION
HOSPITALITY
BANKING
CAPITAL MARKETS
AEROSPACE
DEFENSE
CONSUMER
RETAIL
ENERGY
UTILITIES
OIL & GAS
MANUFACTURING
AUTOMOTIVE
PUBLIC SECTOR
TECHNOLOGY
MEDIA
TELECOM

CDX – The Sustainability Platform

CDX = Compliance Data eXchange

Compliance Data Management

Company centric approach with CDX

Data Collection from
Supplier Companies

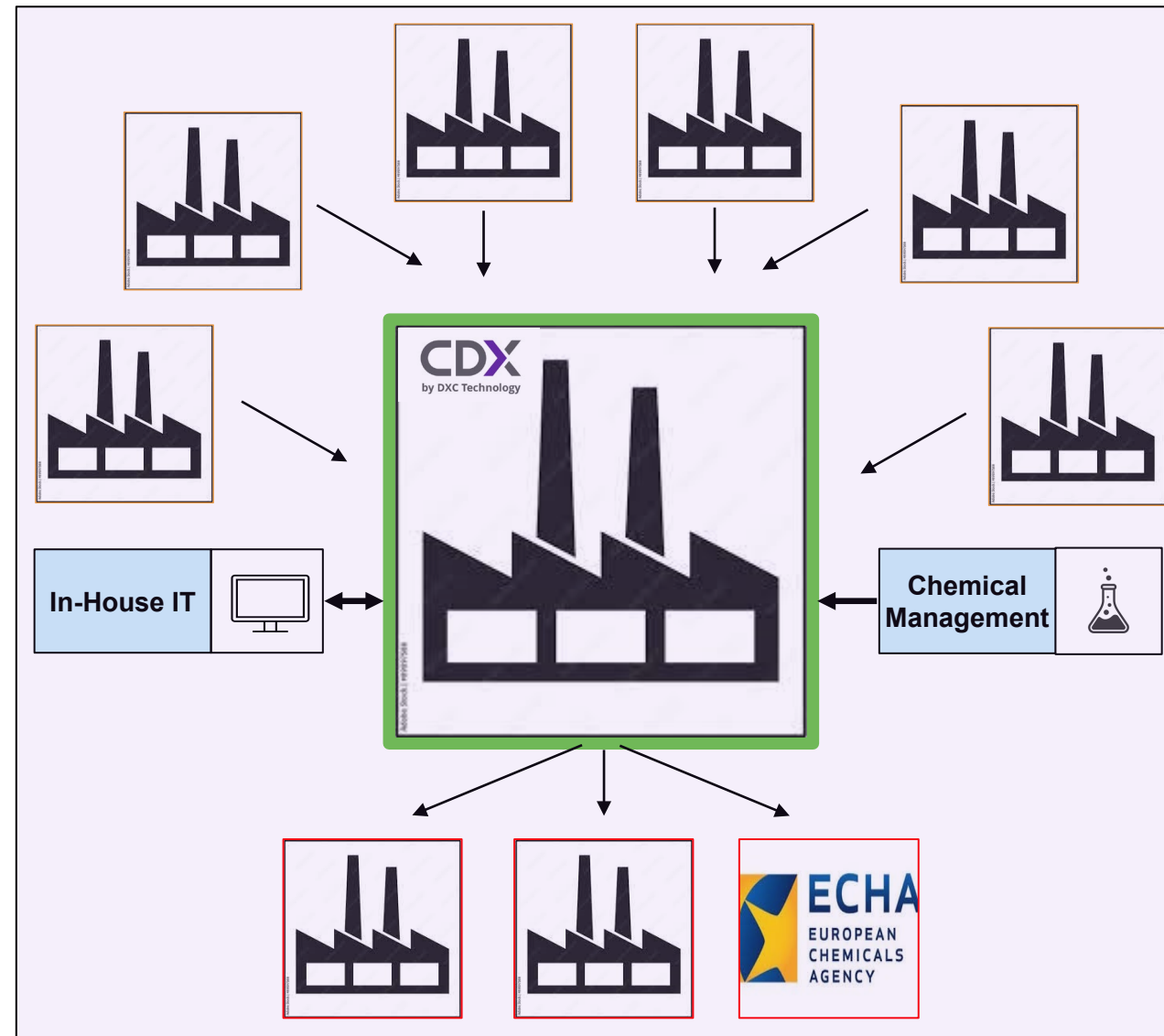
Material Data Analysis
against Regulations

Inhouse Integration

Reports & Certificates

Legal Reporting /SCIP

Customer Information



CDX helps to fulfil **Regulatory Requirements** and **Social Values** regarding **Product Compliance** and **Sustainability**:

- Improve environmental safety
- Reduce green-house emissions
- Align with social expectations
- Improve circularity.

CDX – Regulations in General



European Union

- REACH SVHC, SCIP
- REACH Annex XVII, Annex XIV
- EU POP
- RoHS, IPC 1752 Classes C&D



US

- TSCA Section:6, 6a, 6b,6f,6e,6h,
- TSCA Section 5 SNUR
- TSCA 12(b) PCB
- California Proposition 65



Industries DSL

- GADSL, ELV
- IAEG AD-DSL, RISL
- IEC62474,
- IPC 1754 Classes E,F,G



PFAS

- PFAS Declarable Substance List
- TSCA 8(a)(7)



Packaging and Batteries

- Support of type and build factor
- Threshold indicators
- Test report via attachments
- Exemption management

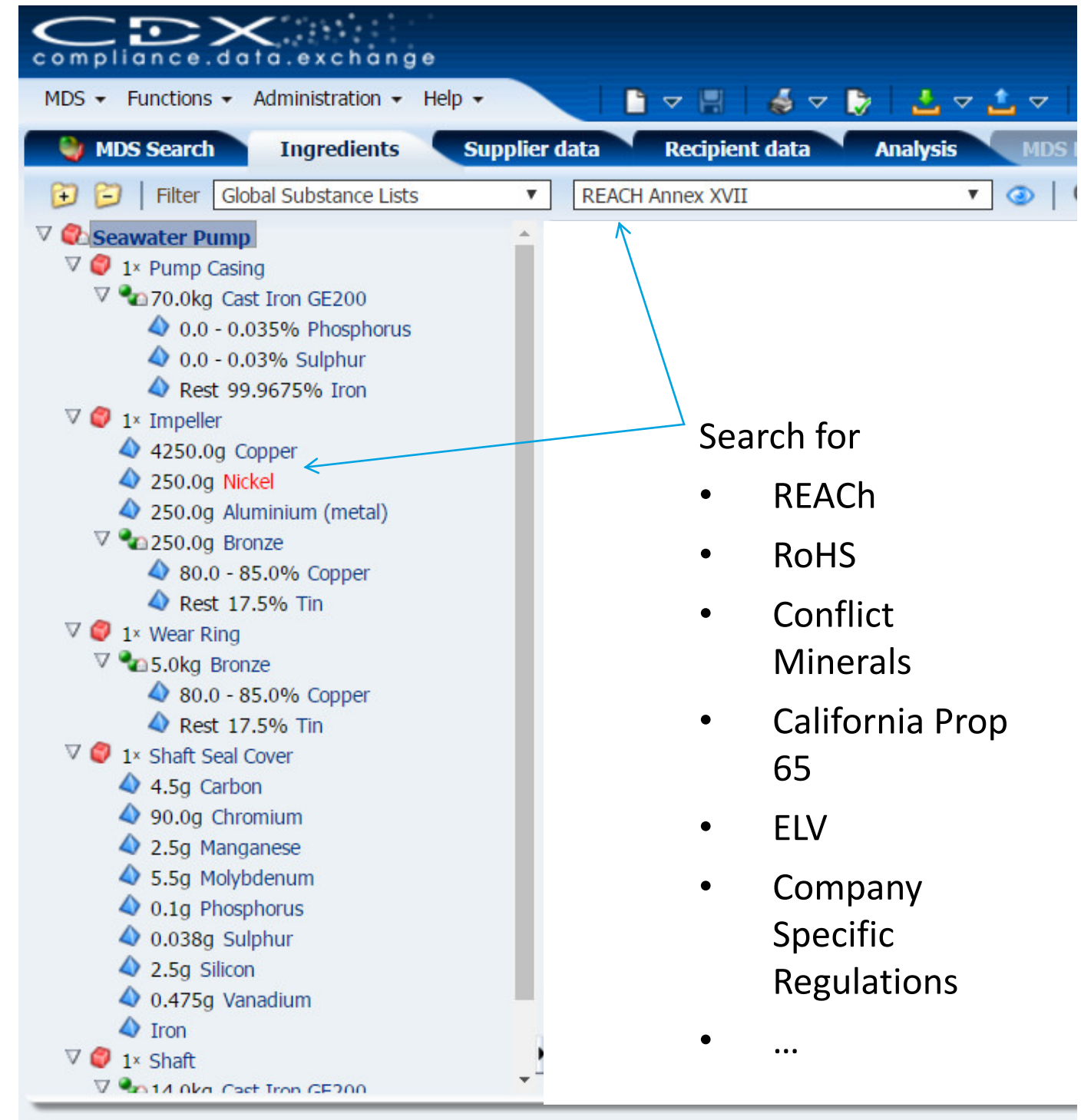


Other

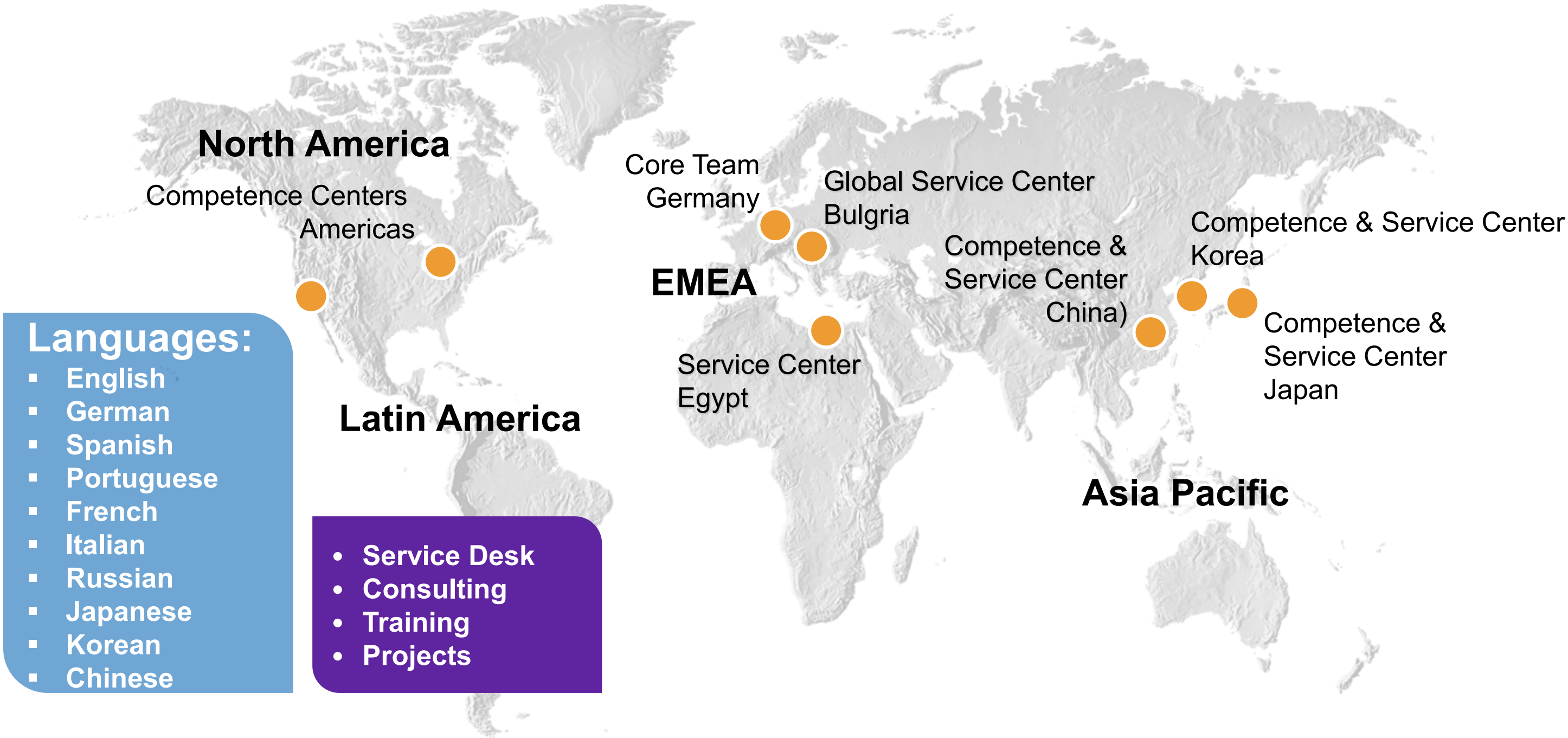
- EU SRR, IMO,
- Montreal Protocol
- CEPA schedule 1 Toxic Substances
- CEPA Chemical Management Plan
- UK REACH SVHC
- China RoHS, Korea RoHS

CDX – Material Reporting Functionality

- **SDoC and/or other agreements as attachment**
 - Controlled repository according to product structure
 - Version management
- **Material declaration based on substance lists (partial declaration)**
 - Recipient provides substance list
 - Recipient defines grade of disclosure
- **FMD: Full Material Declaration *)**
 - Substance list according to CDX Chemical Service
 - Rules for jokers and confidential substances



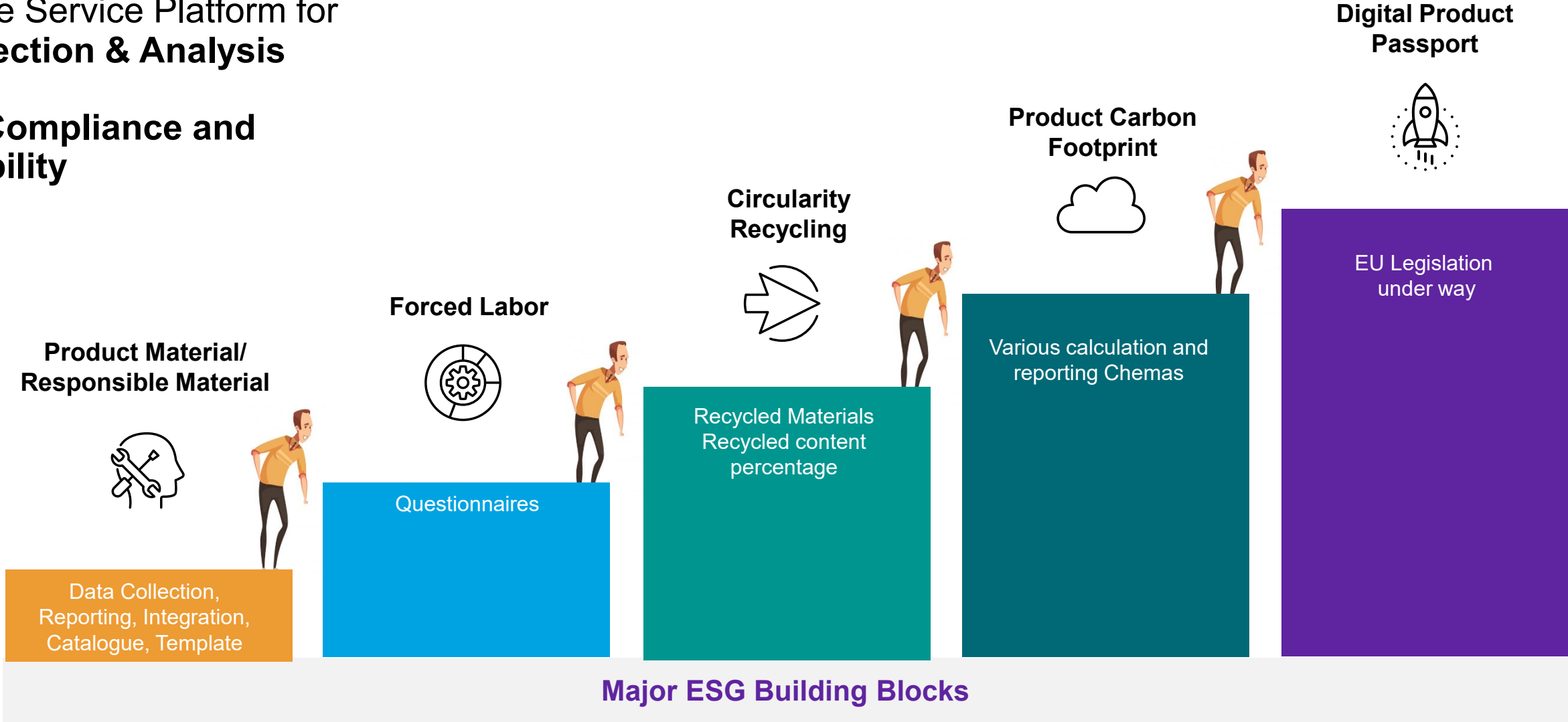
CDX as a Global Service



CDX Evolution to a Comprehensive Sustainability Solution

Fulfil Regulatory Requirements and Social Values for Product Sustainability

CDX – the Service Platform for
Data Collection & Analysis
for
Product Compliance and Sustainability





Business Process Operations for CDX

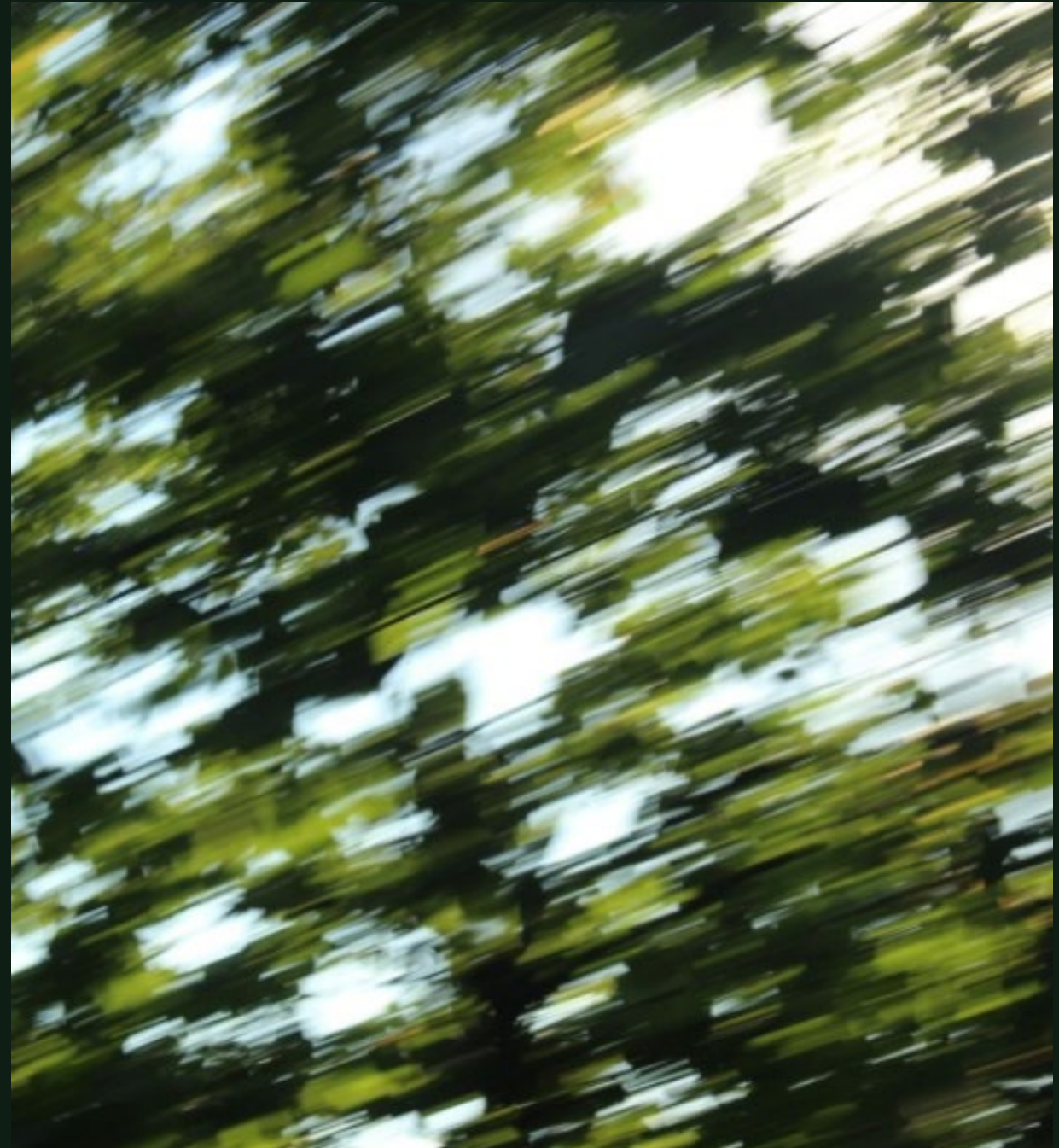
ES DELIVERING EXCELLENCE FOR OUR
G EXCELLENCE FOR OUR CUSTOMERS
UR CUSTOMERS AND COLLEAGUES D



Material Compliance

Business Process Operations

July 2024



Anthesis

The Sustainability Activator

For a more productive & resilient world.

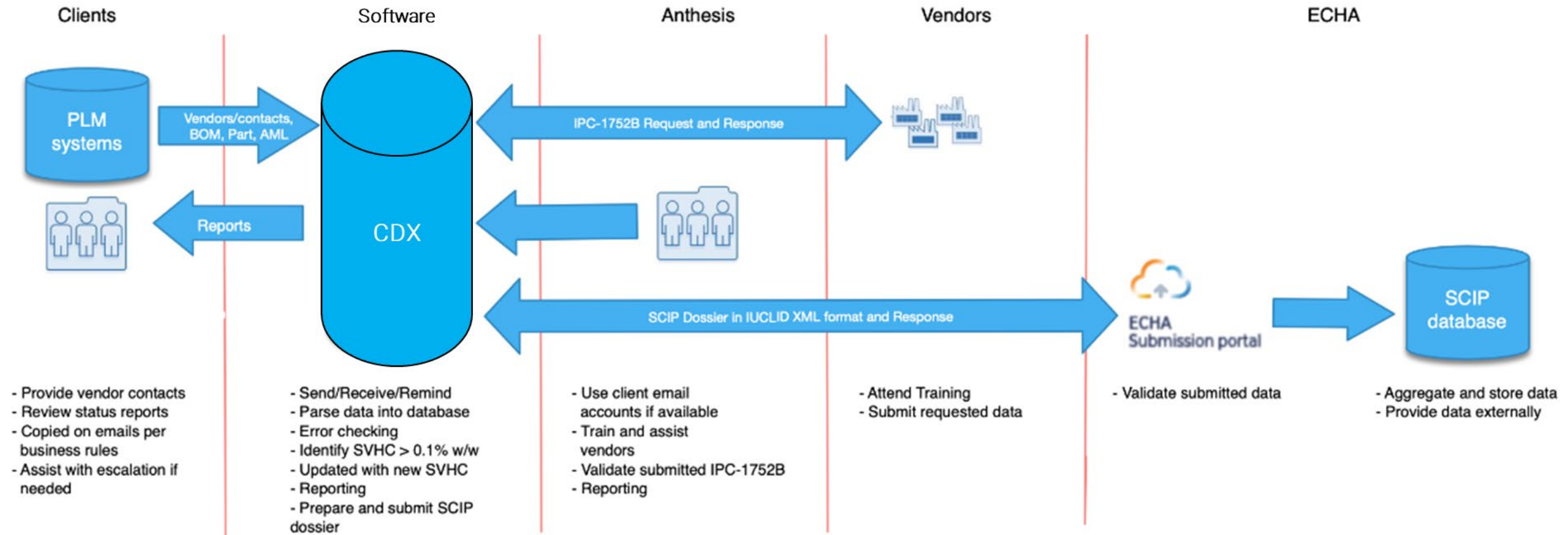
- 1,300+ sustainability and ESG experts, largest dedicated group in the world
- 4,000+ clients in 42 countries
- Design and deploy integrated sustainability solutions that drive performance

We support clients in diverse sectors:

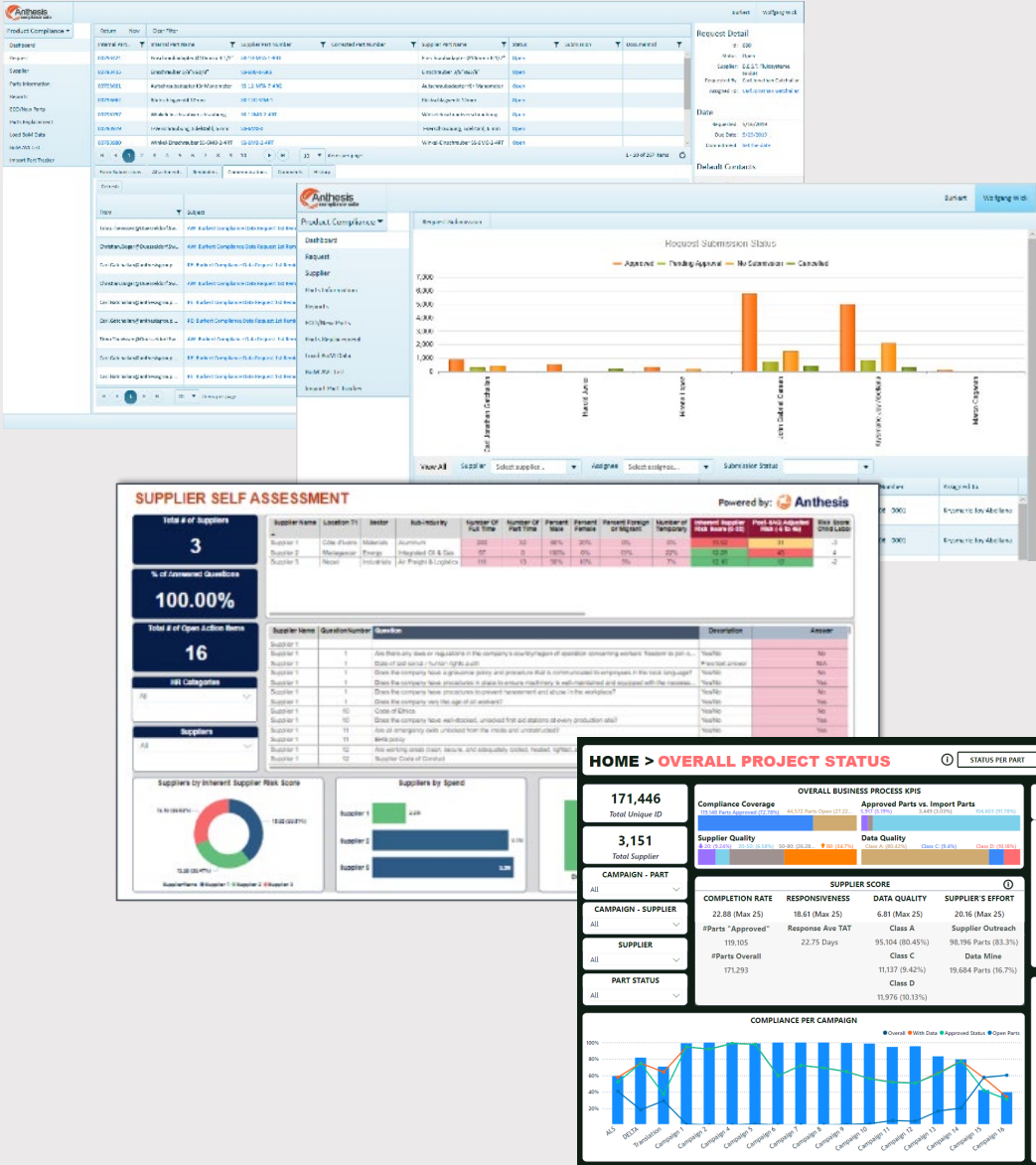


Software-Enabled Business Process



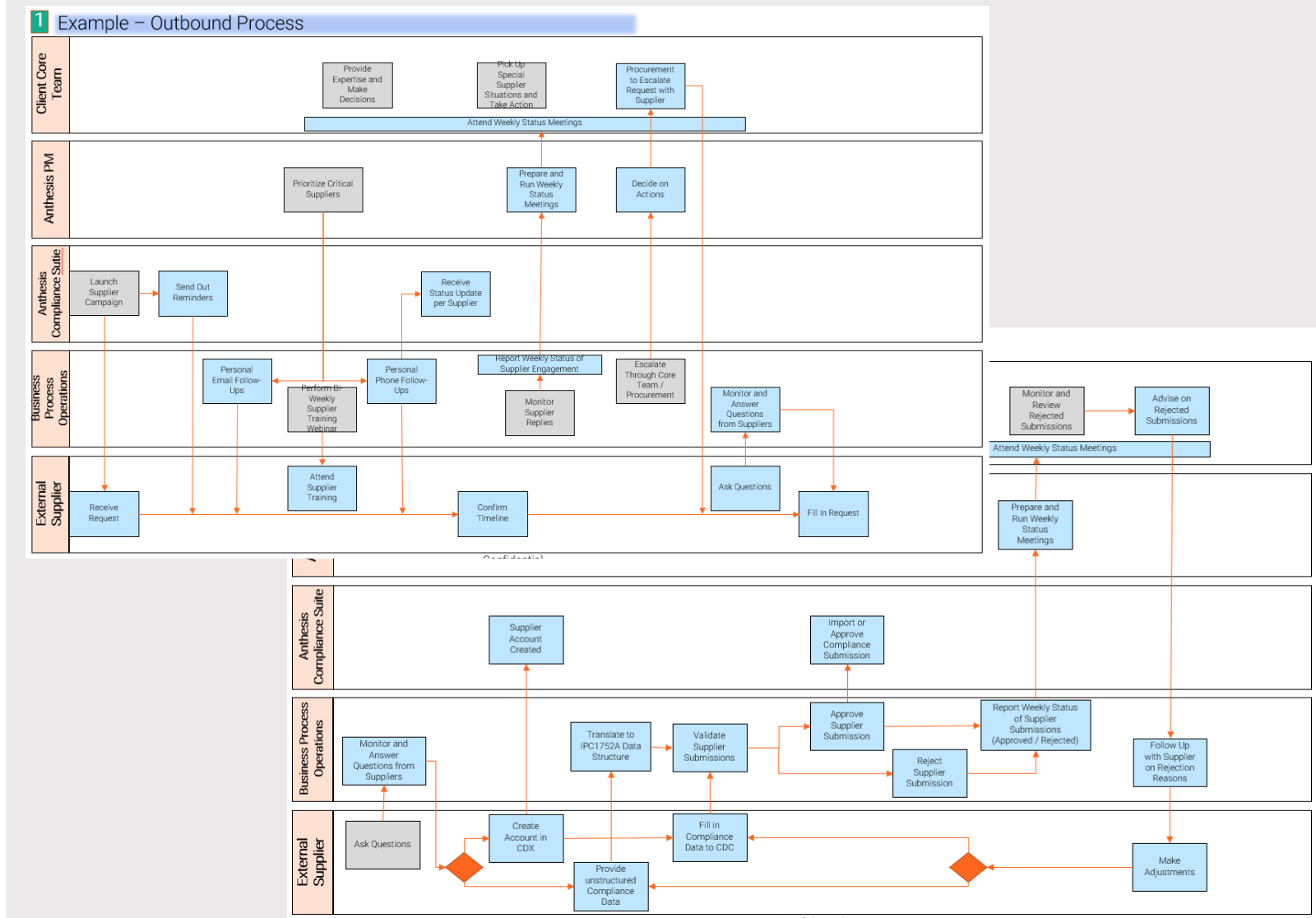
Data Preparation and Key Performance Metrics

- 1. Submission Rate:** Workflows are carefully balanced between automation and targeted human interaction. This focus significantly increases the submission rates of suppliers in comparison to a purely hands-off/system-driven process
- 2. Data Quality:** Our team ensures that all data submitted is complete, accurate and ready for further digital processing and calculations
- 3. Data Protection:** Procedures fully adhere to data protection rules and standards. In particular, communications within the supply chain need careful management from a privacy perspective



Services Scope and Business Process Operations

- Full Campaign Management:** Launch of supplier requests, follow-ups, one-on-one helpdesk interactions, monitoring and progress tracking
- Inbound Data Validation:** Assessment of inbound submissions, approval/rejection procedures, error reporting and support for suppliers, digitization of unstructured data
- Data Analysis:** Review and monitoring of specific data points
- Supplier Training and Support:** Covering all time zones and multiple languages. Ongoing webinar series
- Escalation Management:** Handling of non-responsive suppliers, quality issues and delays
- Bi-Weekly Management Reporting:** Regular interaction with the client project team to present metrics against key performance indicators (KPIs) and strategy alignment



Pricing Aspects

- 1. Number of Suppliers / Parts:**
Determines the estimated effort, along with the chosen service level
- 2. Effort Reduction:** Once the process is established and reaches a steady-state, the effort estimation can be optimized
- 3. Project Management and Reporting:**
Campaign status and progress is managed by a local project lead and reported on a bi-weekly basis to the client team
- 4. Service Level and Upscaling:** Has a direct impact on KPIs like submission rate and data quality and can be upgraded at any time

Anthesis Services – Service Proposal Options

Option 1: System-Driven Supplier Campaign

Anthesis Infrastructure:

- Anthesis to operate campaign out of CDX
- Local project manager, language is German and English
- Knowledge of CDX functions and supplier campaign management
- Analytical dashboard to report on campaign and part compliance status

Anthesis Services Scope:

- Preparation of master data
- Launch of supplier requests for CDX onboarding
- Launch of supplier requests for MDS submissions
- Supplier training as live webinar, supporting Asia, Europe and Americas timezones
- Supplier 1:1 support, upon reply and request
- Continuous monitoring of supplier requests
- Continuous tracking and analysis of supplier requests and campaign performance
- Bi-weekly PM meeting to report on campaign status

Option 2: Actively Managed Supplier Campaign

Anthesis Infrastructure:

- 1 Analyst handles 150-250 suppliers
- Local project manager, language is German and English
- Knowledge of CDX functions and supplier campaign management
- Analytical dashboard to report on campaign and part compliance status

Anthesis Services Scope:

- Direct communication channel to Anthesis analysts
 - Personal follow up on CDX onboarding request
 - Personal summary email on MDS request
 - Personal follow-up and reminder emails
 - Phone call campaign for non-responsive suppliers
- Coordination of supplier requests within Client organization
- Escalation of non-responsive suppliers to Client procurement
- All items from Option 1

Option 3: Supplier and Part-Level Management

Anthesis Infrastructure:

- 1 Analyst handles 1,500-2,500 supplier parts
- Local project manager, language is German and English
- Knowledge of CDX functions, supplier campaign management, expertise on material/ chemical/ electrical engineering for material compliance
- Analytical dashboard to report on campaign and part compliance status

Anthesis Services Scope:

- Assessment of received supplier submissions
- Handling of unstructured compliance data (e.g. PDF, Safety Data Sheets, Lab Reports etc.)
 - Review and assessment of data accuracy
 - Rejection process for insufficient datasets
 - Digitization of data and import into CDX
 - Adherence to IPC1752 data and assessment standards
- Data-Mining of OEM parts and homogenous materials
- Extended focus on Full Material Disclosure
- All items from Option 1 and 2

Upgrade of Service Level is possible at any time



Client Engagement Scenarios

„...We are receiving a few responses and they are of rather poor data quality. The initial phase of the process requires more resources to follow up, escalate and train suppliers. Once we achieve a steady state process, the effort should decrease and we may be able to operate it with our own resources...”

„...I have a few in-house resources but they cannot handle the entire process in addition to their main job duties. Some suppliers and parts will be handled internally. A significant portion will be handled by Anthesis...”

„...It is not our core business to collect data and validate supply chain data. We have people who can set strategy and make decisions based on comprehensive and validated data, but we prefer not to support the heavy lifting around supply chain engagement. We also plan to extend the process and add more sustainability data points over time ...”

Process Ramp-Up

Short to Mid-term approach (12-24 months), 2-4 Analysts

300-1000 suppliers

Purpose: Establish business process, onboarding of a large number of suppliers, training suppliers on data submissions. Long-term plan is take over the process with internal resources, once the process stabilizes

Hybrid Outsource

Long-term approach

Purpose: Support the process long-term for regular updates of part-level declarations and support additional compliance requirements. A limited number of internal resources are available, and not enough capacity to cover all suppliers and parts

Full Outsource

Long-term approach

Purpose: Support the process long-term for regular updates of part-level declarations and support additional compliance requirements





For further information email:

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