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## **From Sustainability Strategy to Data-Based Implementation: Operationalizing CSRD Reporting**

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Sustainability Circle Roundtable Jan 2024

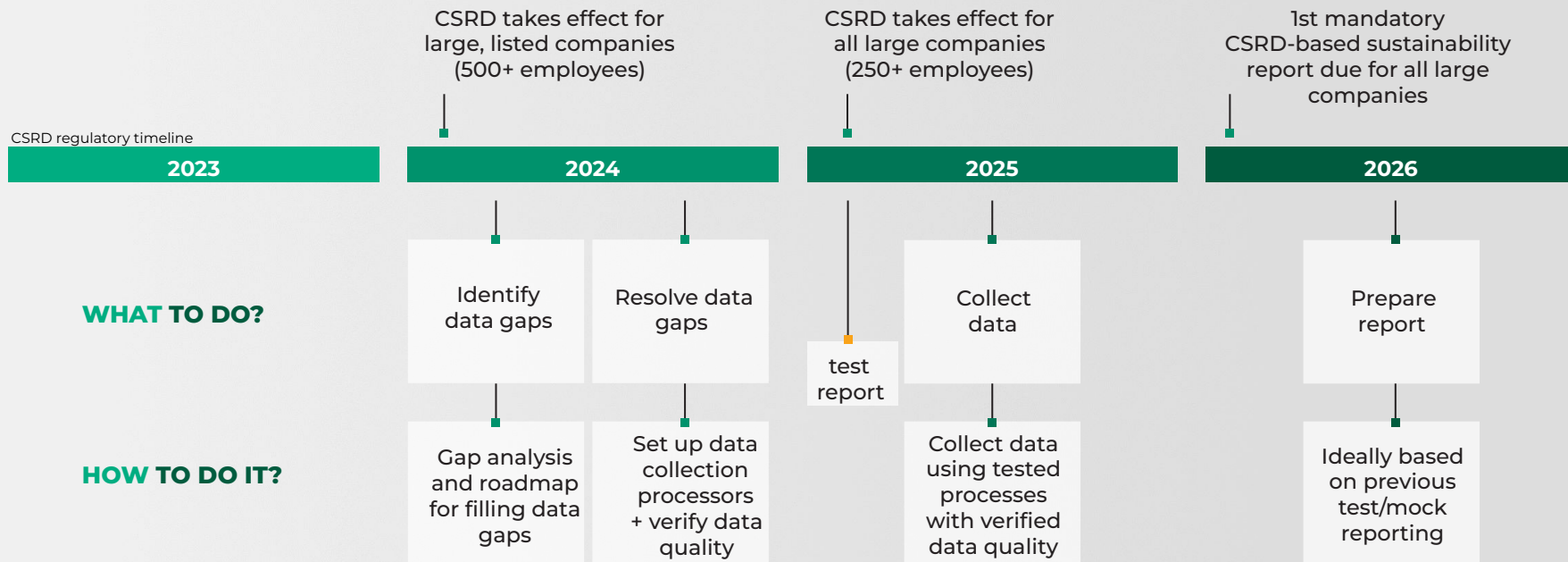


# Zühlke ESG IT-Tool Landscape



Supply Chain		Supply Chain Transparency	Sustainable Procurement								
E	Company	Carbon Management	Carbon Capturing & Offsetting	Energy Management	Water Management	Facility Management	Waste Management	Biodiversity Management	Sustainable Logistics	Critical Materials Management	
	Product		Product Lifecycle Management	Life-Cycle Assessment	Sustainable Packaging	Manage Returns & Circularity					
S	Employee	Employee Engagement	Mobility Management	Health & Safety	Whistleblowing						
	Society	Social Justice & Inclusion	Stakeholder Engagement								
G	Governance	Materiality, Goals & Strategy	Compliance Management	ESG Risk Management	ESG Regulatory Reporting	Climate Adaptation					
	Finance	Green Finance & Investment									

# A RETROPLANNING ON CSRD REPORTING, COMPANIES MUST START PREPARE EARLY 2024



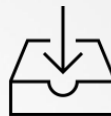
# PERFORM YOUR CSRD GAP ANALYSIS BY FLAGGING AVAILABLE AND MISSING DATA ACROSS YOUR SYSTEMS



Identify relevant data  
points and  
stakeholders



Gather data &  
documentation via  
relevant stakeholders



Fill in data points  
where possible



Outline what is  
missing and how to  
gather this data to  
meet requirements

DATA LIST + SCENARIO TESTING FOR YOUR ACTIVITIES

GAP ASSESSMENT



**POWERED BY GREENOMY ESG REPORTING & INPUT DATA MODEL**

Per topic: HR, Water, Waste, Energy, Financials, Carbon, Pollution, Company Structure

# CHALLENGES OF ESG DATA COLLECTING

## THE ESG DATA LIBRARY USE CASE

### ESG DATA CHALLENGES

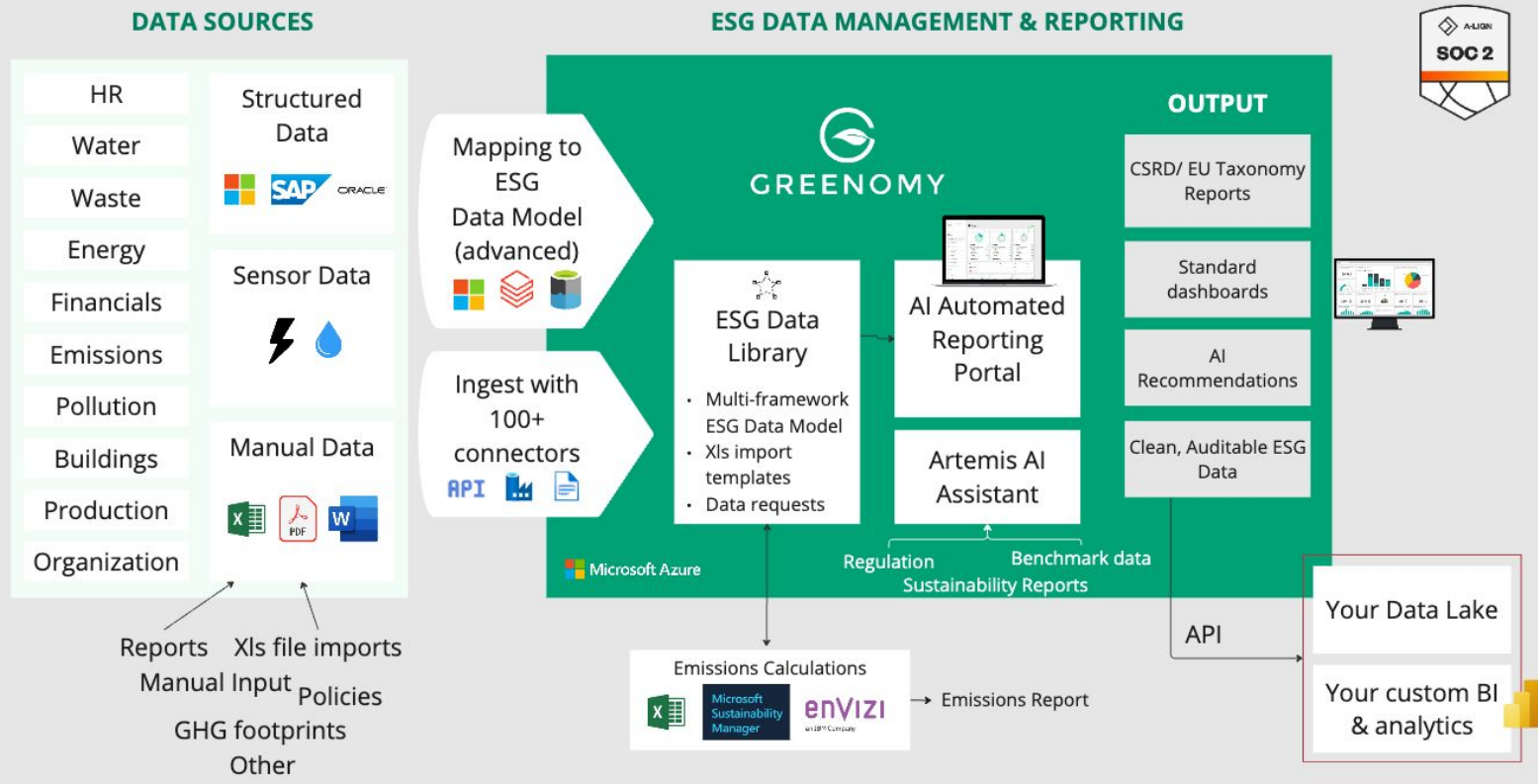
- ✗ **> 1000 data points** to report on and key figures (80+) required by ESRS
- ✗ Collect data **from different subsidiaries & departments**
- ✗ Harmonization of data in a **central data model**
- ✗ Sufficient Data granularity to **anticipate regulatory changes** and **steer activity**
- ✗ **Traceability** to allow **external audit**



### UPLOAD YOUR RAW ESG DATA

- ✓ More **efficient**: no need to understand all KPI
- ✓ **Interoperability**: upload once and map to different frameworks
- ✓ Anticipate future legislative **changes**
- ✓ Potential to **customize and fully automate** data flow\* + integrate with other dashboarding tools (e.g. Power BI)
- ✓ Prepare an audit trail and prepare for **assurance** requirements

# DATA INTEGRATION OF ESG DATA STREAMS WITH THE DATA LIBRARY





## STEP 1

### EXTRACT DATA FROM YOUR SYSTEMS

## STEP 2

### MAP DATA TO OUR IMPORT TEMPLATE

Feed our multi-framework ESG data model with xls templates including optional and mandatory breakdowns (dimensions).



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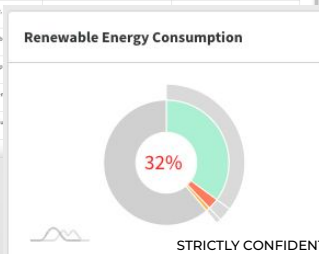
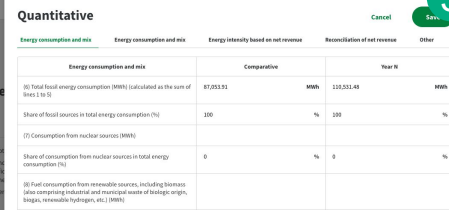
Kwartaal	Periode	InfrastructureCode	InfrastructureDescription	SortConsumption	Volume	
2017-Q1	201701	ID1	Vehicle1	Gasolie	28001	Liter
2017-Q1	201701	ID2	Vehicle2	Gasolie	17006	Liter
2017-Q1	201701	ID3	Vehicle3	Gasolie	3000	Liter
2017-Q1	201701	ID4	Vehicle4	Gasolie	1300	Liter
2017-Q1	201701	ID5	Building1	Water	4	m3
2017-Q1	201701	ID6	Building2	Water	1	m3
2017-Q1	201701	ID6	Building3	Gasolie	2432	kWh
2017-Q1	201701	ID6	Building3	Water	13	m3
2017-Q1	201701	ID9	Building4	Water	3	m3
2017-Q1	201701	ID9	Building4	Gasolie	5378	kWh
2017-Q1	201701	ID9	Building4	Water	0	m3
2017-Q1	201701	ID12	Building5	Water	26	m3
2017-Q1			Optional (for BI)	Mandatory (for CSRD reporting)		
2017-Q1	Countries	Legal Entity	Site	Component Name	Component Code	Energy Type
2017-Q1	Belgium	Company SA	Site1	Vehicle1	ID1	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Vehicle2	ID2	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Vehicle3	ID3	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Vehicle4	ID4	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building1	ID5	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building2	ID6	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building3	ID6	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building3	ID6	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building4	ID9	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building4	ID9	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building4	ID9	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building5	ID12	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building6	ID13	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building7	ID14	Natural gas
2017-Q1	Belgium	Company SA	Site1	Building7	ID14	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building8	ID16	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building8	ID16	Crude oil and petroleum products
2017-Q1	Belgium	Company SA	Site1	Building9	ID18	Crude oil and petroleum products

Belgium	Company SA	<b>G</b>	<b>GREENERY</b>	<b>Accounting</b>
Belgium	Company SA	ESRS 1 - General requirements		
Belgium	Company SA	ESRS 2 - General disclosures		
Belgium	Company SA	<b>Topical standards</b>		
Belgium	Company SA	ESRS 3 - Climate Change		
		ESRS 4 - Pollution		
		ESRS 5 - Water and Marine Resources		
		ESRS 6 - Biodiversity and Ecosystems		
		ESRS 7 - Resource Use and Circular Economy		
		ESRS 8 - Own workforce		
		ESRS 9 - Workers in the value chain		
		ESRS 10 - Affected communities		
		ESRS 14 - Consumers and end users		
		ESRS 15 - Business Conduct		
		<b>Help</b>		

## Raw energy data

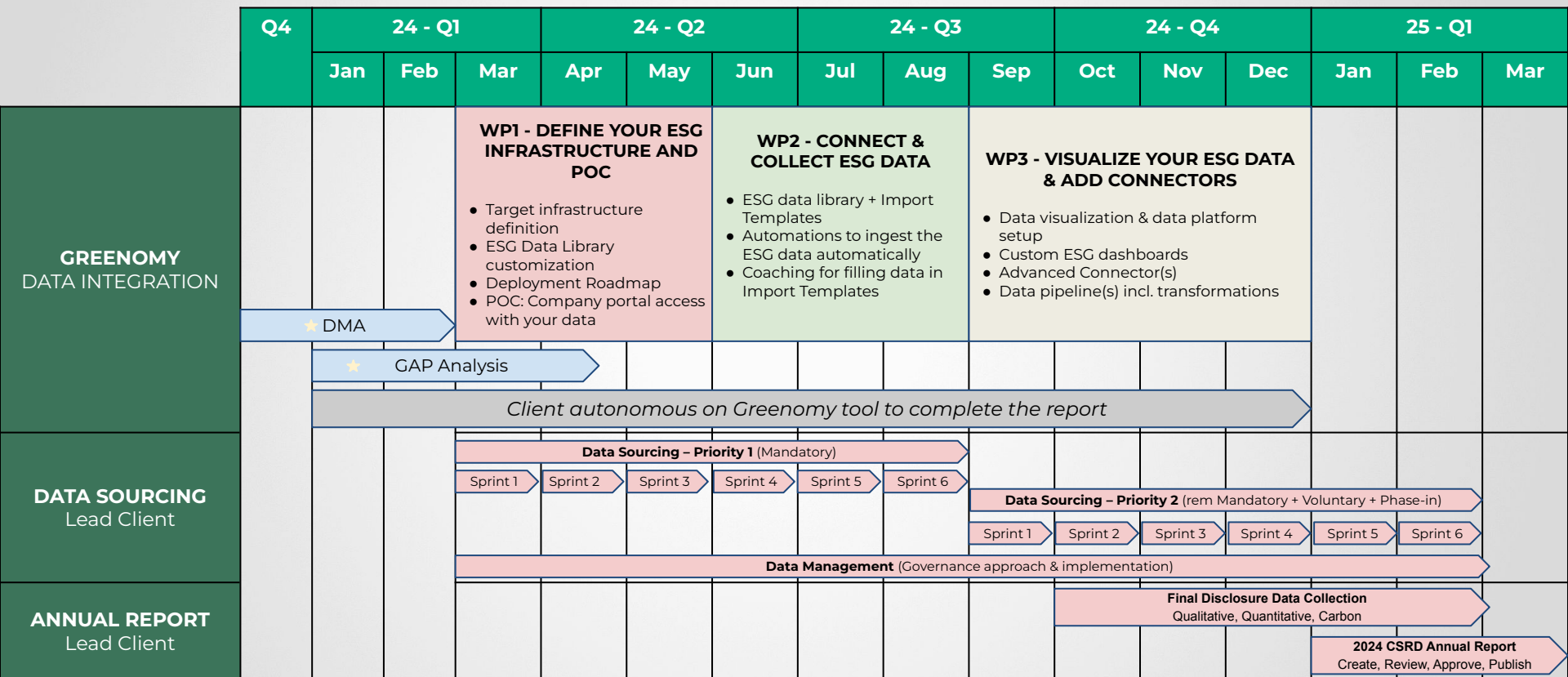
## Standardized energy data

## Reporting & Analytics



STRICTLY CONFIDENTIAL

# TYPICAL PROJECT ROADMAP







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Partnerships & French Market

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**WWW.GREENOMY.IO**



## HOW TO GET STARTED?

Book a 30min diagnostic call with a Greenomy advisor or sign up for a trial:

<https://greenomy.io/book-a-demo>

# GREENOMY CREDENTIALS



**Part of Euroclear, one of the world's leading financial market infrastructures, with 6.000+ employees and €2.7bn operating income in FY 2022**



## 200+

Users including large & mid-cap corporates, top-tier banks, asset managers and advisory firms.



## 2,500+

Users on the Greenomy Academy since its launch in February 2023.



## 10,000+

LinkedIn followers



## 70+

Highly skilled sustainability and tech experts.



## 50+

Consultancy and tech partners assisting clients in their ESG reporting journey with the Greenomy solutions.

## CUSTOMERS PRODUCING THEIR ESG REPORT WITH GREENOMY



## PARTNERS OFFERING GREENOMY TO THEIR CLIENTS



## ADVOCACY ORGANISATIONS WE ARE PART OF

