

Catena-X

Cost down, compliance
and resiliency via radical
collaboration

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Head of Catena-X Industry Consortium

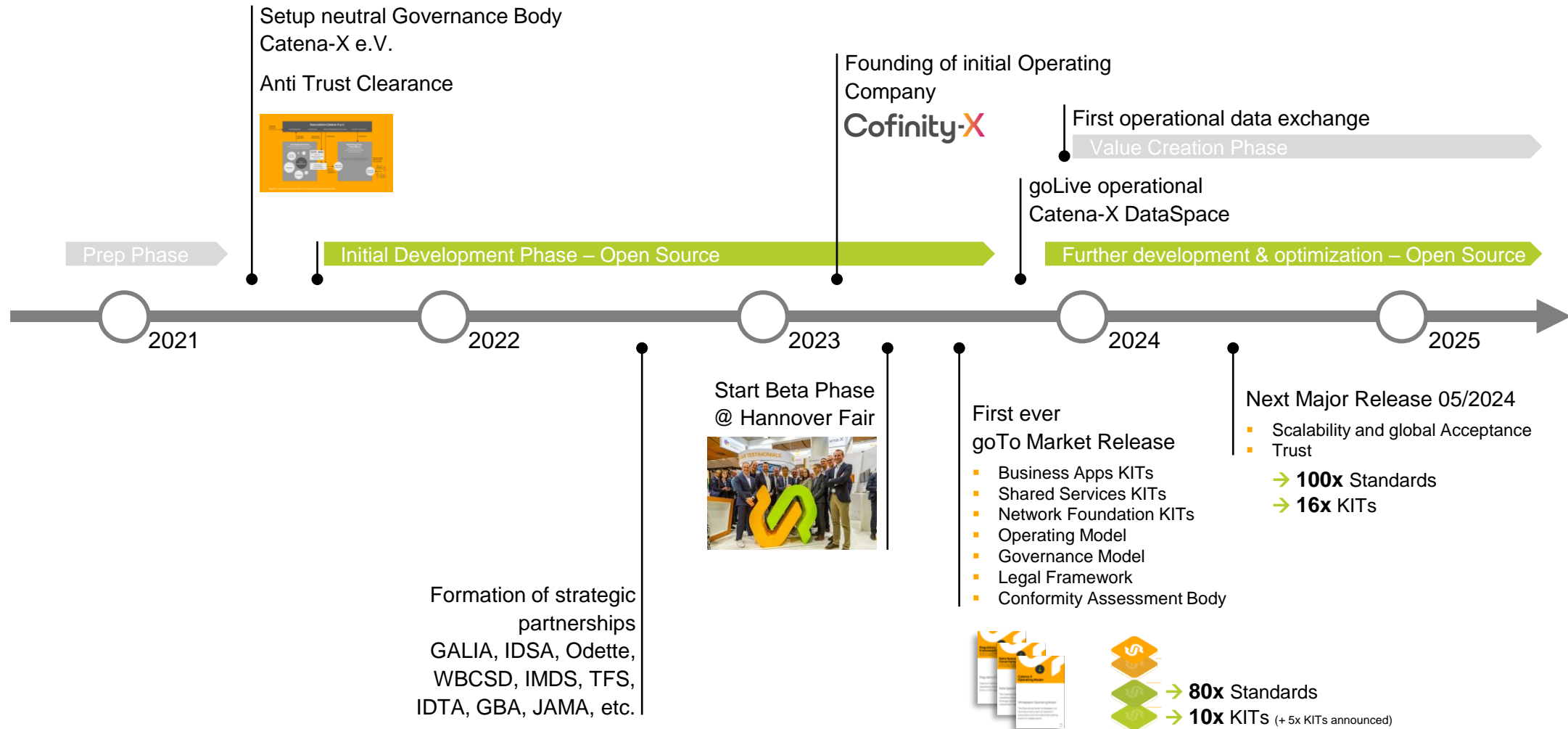
08.05.2024 | BAIDATA FORUM | BILBAO





Catena-X is moving fast to offer its participants...

... a cost-effective and scalable license to operate and grow!

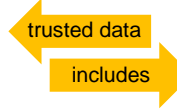


Upcoming „Regulatory Tsunami“ and its impact Snapshot on Sustainability



Corporate Sustainability Reporting Directive

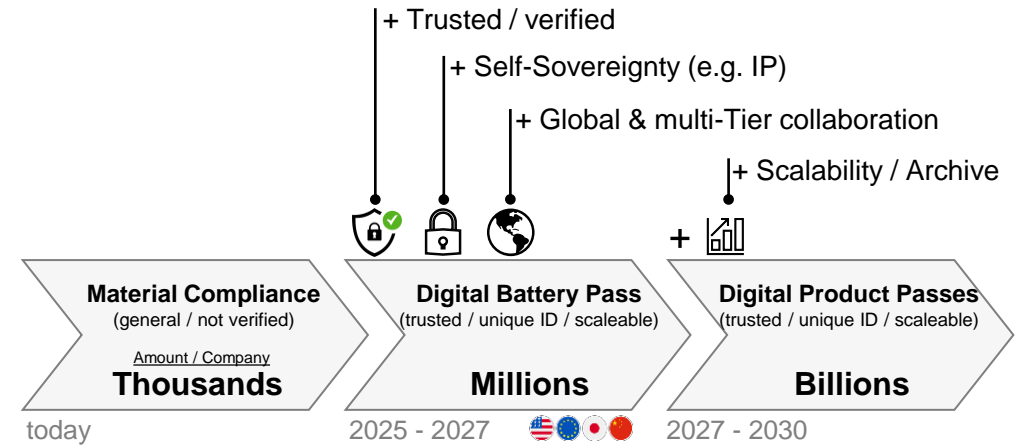
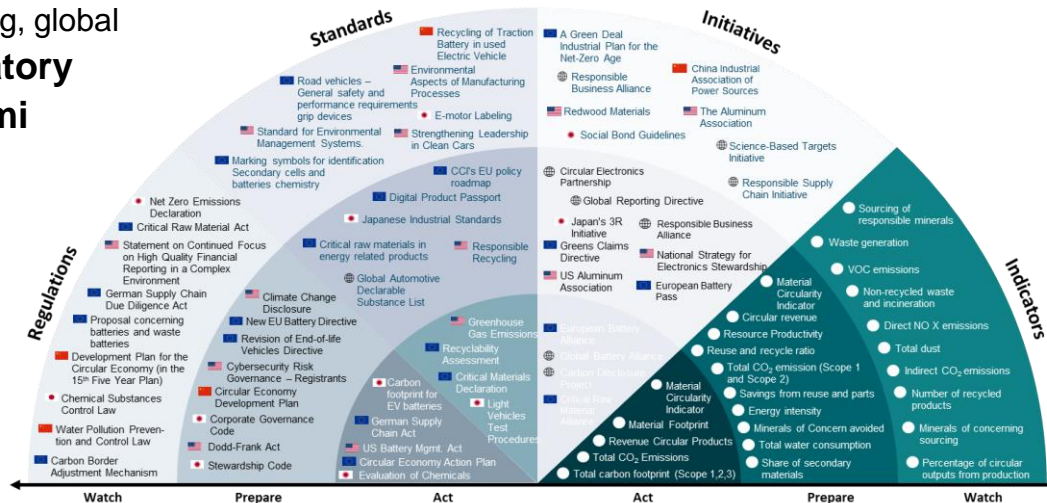
1047 data points to report whereas **50%** are value chain performance



Product Passes, e.g. Battery Pass

107 data points to report whereas **52** data points reflect primary data, including **sensitive** and **verified data**

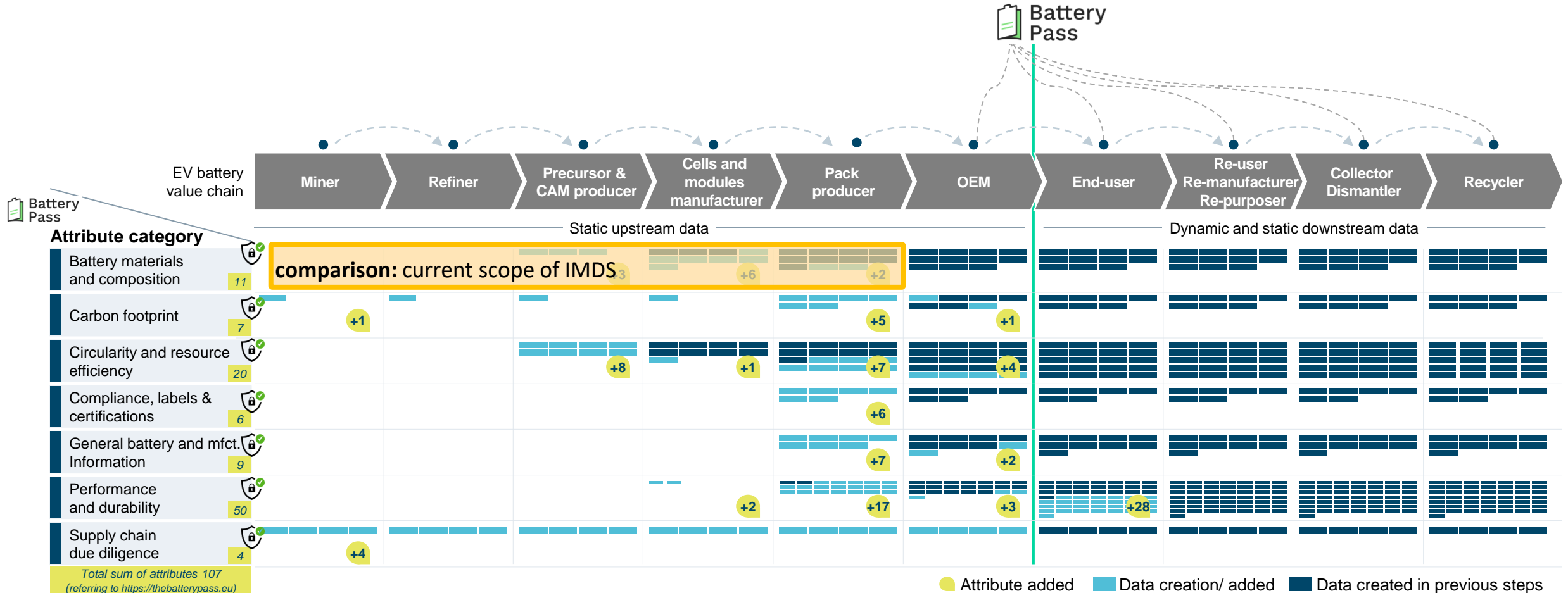
Just the beginning of an upcoming, global **Regulatory Tsunami**



Example: EU Battery Passport (simplified)



Update of our Industry Operating Model needed to allow multi-Tier exchange of sensitive, verified and massive amounts of data.





Formation of global alliances for a multi tier, data based business collaboration.

Our value chains are global & cross industry.

Trust has to scale and create business value.

We got to move faster as an industry and lower our entry barriers for SME and international partners.

(Technological, Legal and Organizational)



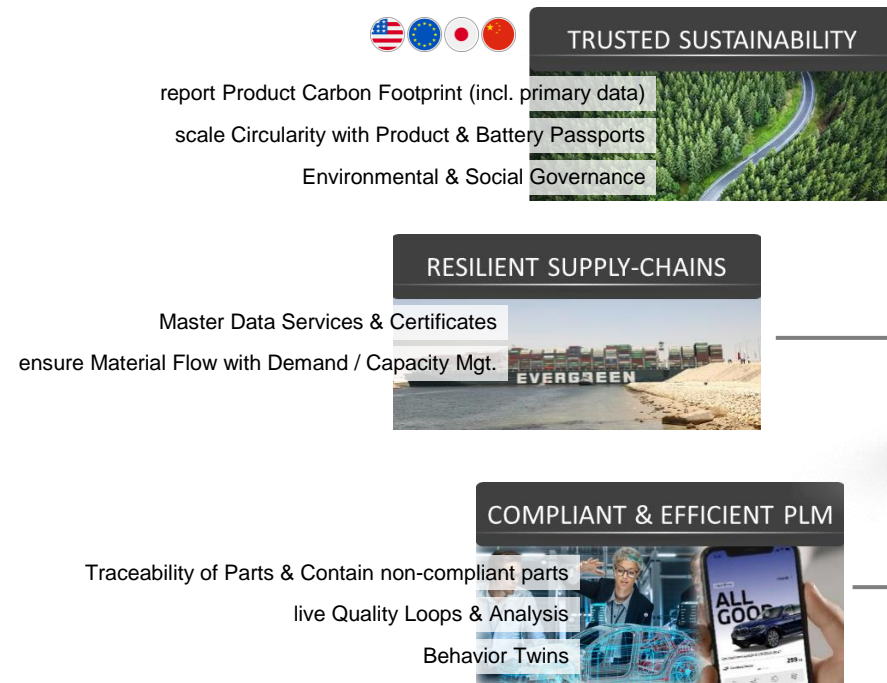
... plus 170 global Catena-X e.V. automotive industry participants



Sustainability is one, but not the only reason for a new operating model.

None of us
can solve these industry
challenges alone.

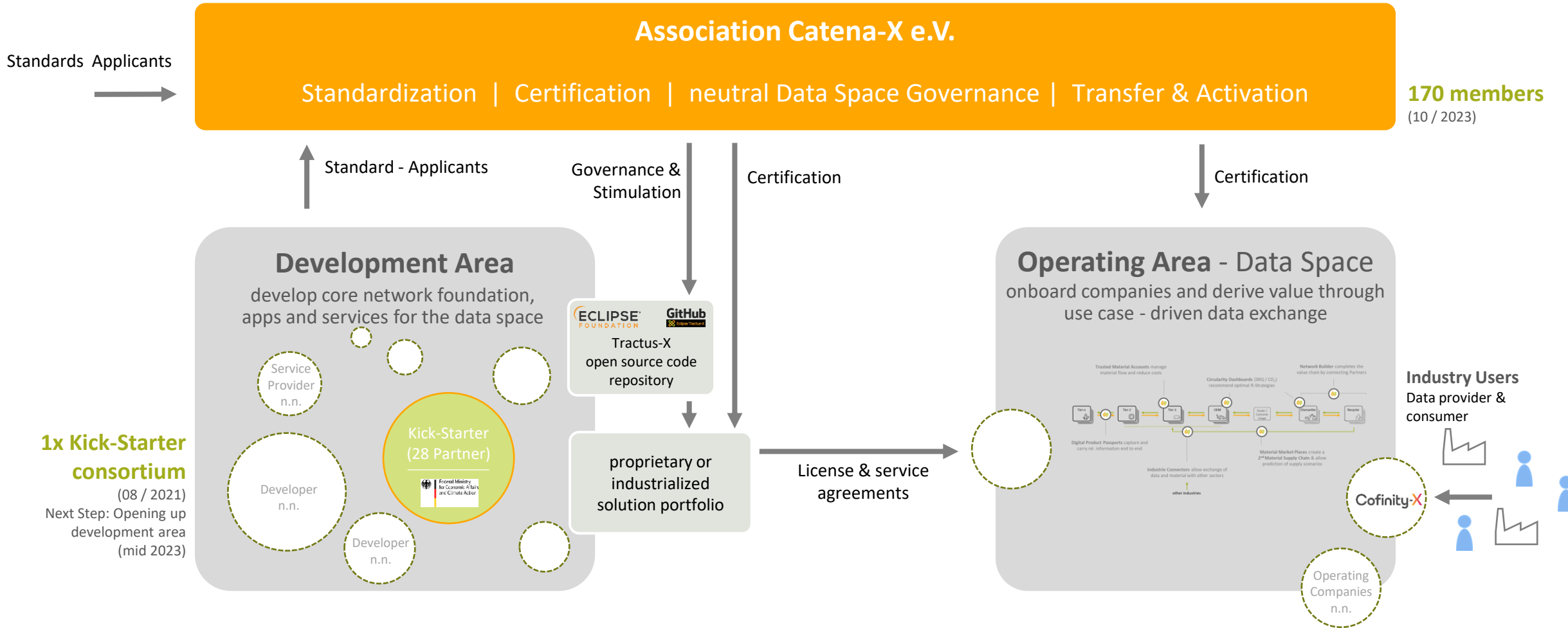
In order to succeed,
we all eventually have to
shift our activities into
an interoperable,
collaborative, trusted and
self-sovereign
business ecosystem.



Organizing the activities of Catena-X – compliance by design.






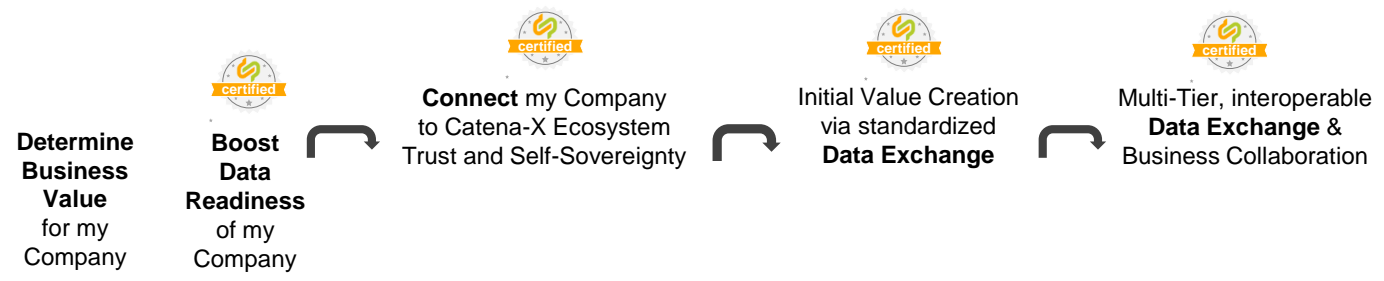
The art of „balancing power“ and „foster collaboration“.



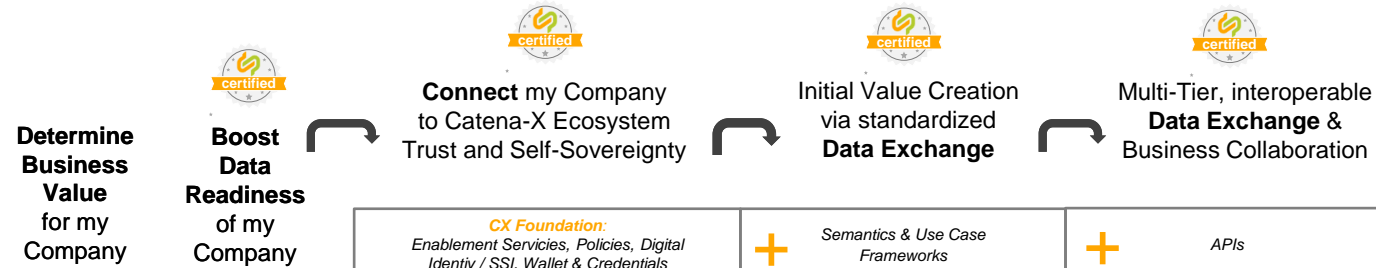
Catena-X Solution Portfolio

04/2024

available today 
 certification possible 
 Connector included 



Business Solutions	Sustainability PCF – Calc. and Reporting Circularity – Product Pass ESS Incident Management	
	PLM, Quality and Resiliency Map Field- / Production Data / FMEA	
	Supply Performance Demand & Capacity Mgmt.	
	Others Engineering Twin	
Shared Industry Services	Value Added Services Country Risk Certificate Management	
Data Space infrastructure	Core Services	
	Enablement Services	
	Onboarding Services	



CX Foundation:
Enablement Services, Policies, Digital Identity / SSI, Wallet & Credentials

+ Semantics & Use Case Frameworks

+ APIs

KITs Developer Resources **+** **Normative documents**

Business Solutions	Sustainability PCF – Calc. and Reporting Circularity – Product Pass ESS Incident Management	CX Qualified Advisors 	Open for business						Pre-defined Use Case Frameworks - Access & Usage Policies
	PLM, Quality and Resiliency Map Field- / Production Data / FMEA		Open for business						
	Supply Performance Demand & Capacity Mgmt.		Open for business						
	Others Engineering Twin		Open for business	Open for business	Open for business	Open for business			
Shared Industry Services	Value Added Services Country Risk Certificate Management		Open for business		Open for business				
Data Space infrastructure	Core Services			Cofinity-X					
	Enablement Services								
	Onboarding Services				+1 Service Provider in Q3	Coming Soon...			Operating Model



nTier Business Process Collaboration with Catena-X

And it works... (simplified example)

Catena-X
Your Automotive Network
Neutral Governance → Association:
www.catena-x.net

Foundation for Self-Sovereignty & Interoperability

3 Business Apps

- Semantic
- Logic
- Policy

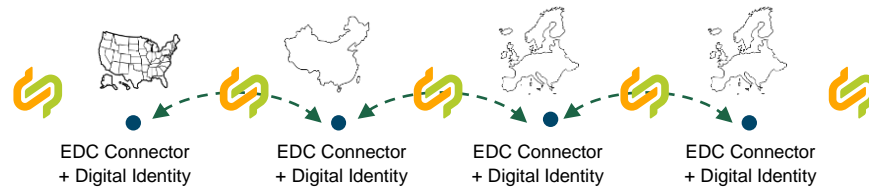
2 Shared Services

- ...

1 Network

- Trust
- Identity
- Connector

KITs / Standards



Optional:
helps me to navigate
through my options and
opportunities

Advisory Partner

Grants network access
and issues a verified
digital identity (→ TRUST)

onBoarding Partner

e.g **Cofinity-X**
www.cofinity-x.com

chooses a certified
interoperable application /
services from...

Marketplace



implements and performs
conformity assessment



Catena-X is based on radical collaboration.

To ensure, that your company and data is protected, but ready to scale your business.