

# Catena-X

Cost down, compliance  
and resiliency via radical  
collaboration

**Oliver Ganser**

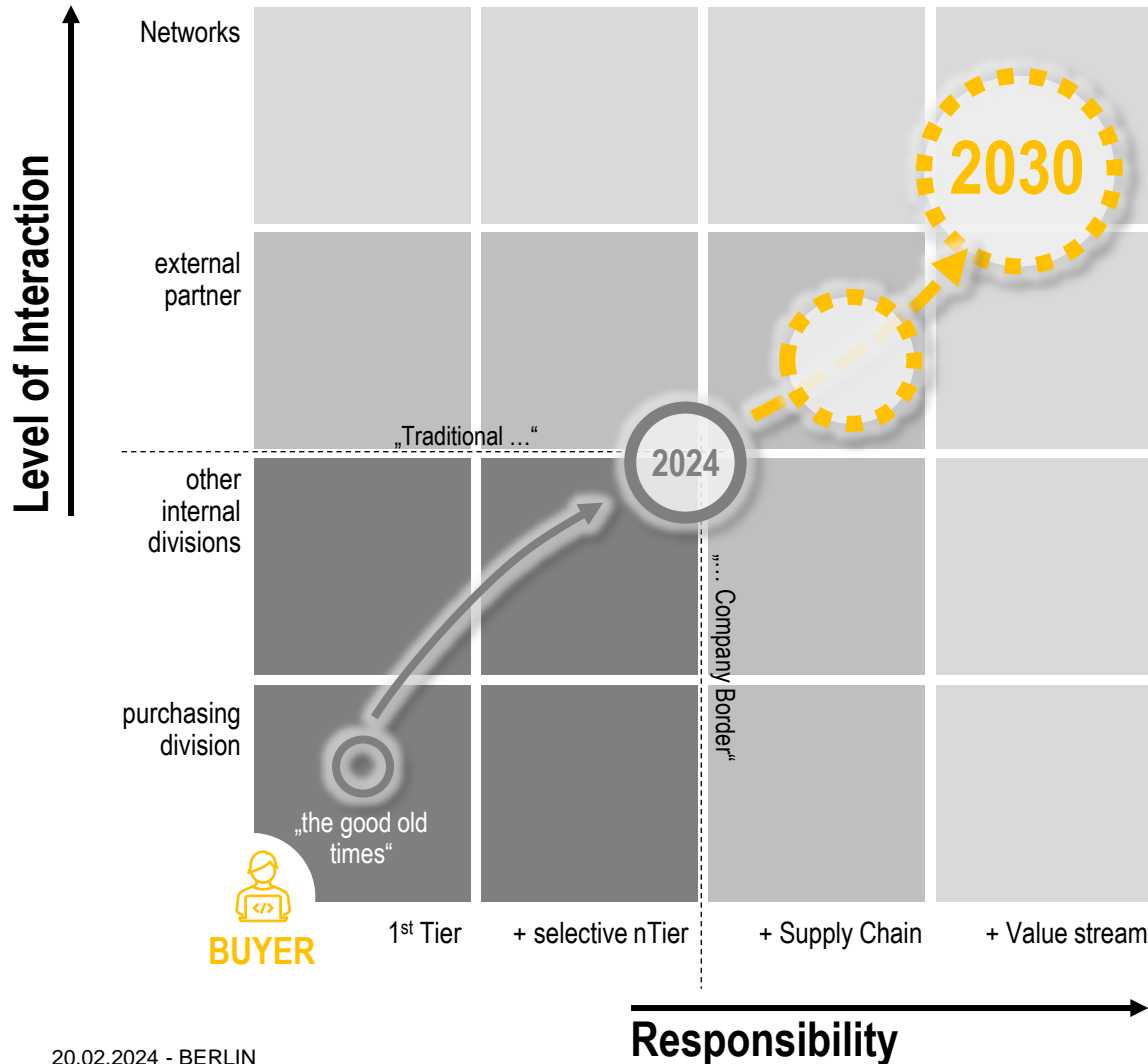
Chairman of the Board Catena-X Association  
Head of Catena-X Industry Consortium

20.02.2024 | VDA Technischer Kongress





# What changed over the past years, where are we heading to?



## Selected additional tasks

- Access to critical material & resources (e.g. via circularity)
- Optimization of entire value chain processes (e.g. for circularity, compliance)
- Pro-active & targeted risk-mgt. (de-carbonization, supply performance, ESS, quality,..)
- Adopt to and comply with an upcoming global **regulatory tsunami**  
→ while maintaining control over your sensitive data (e.g. IP) and distinction

## Tasks and responsibilities increased over the past 20 yrs.

e.g. Purchasing department of a company

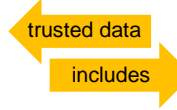
- Internationalization
- Sourcing: Local content & selective nTier relations
- Risk management & geopolitical changes
- Supply Chain Compliance
- ...

# Upcoming „Regulatory Tsunami“ and its impact Snapshot on Sustainability



## Corporate Sustainability Reporting Directive

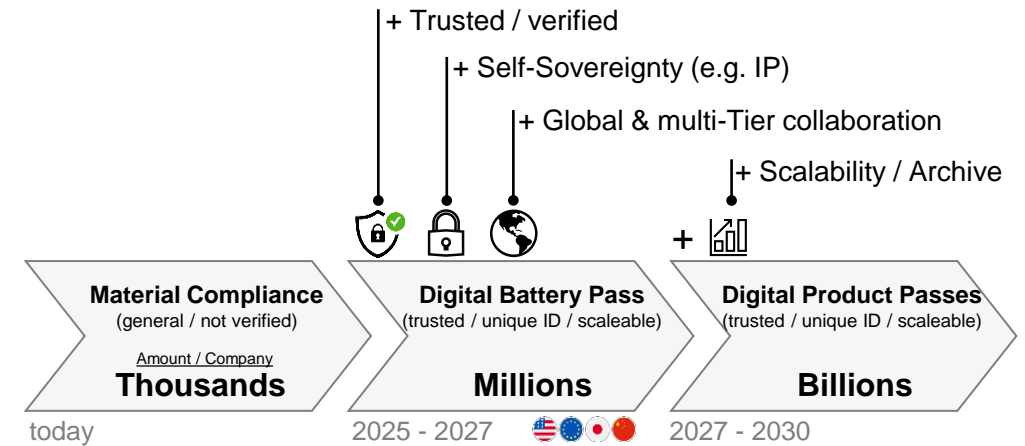
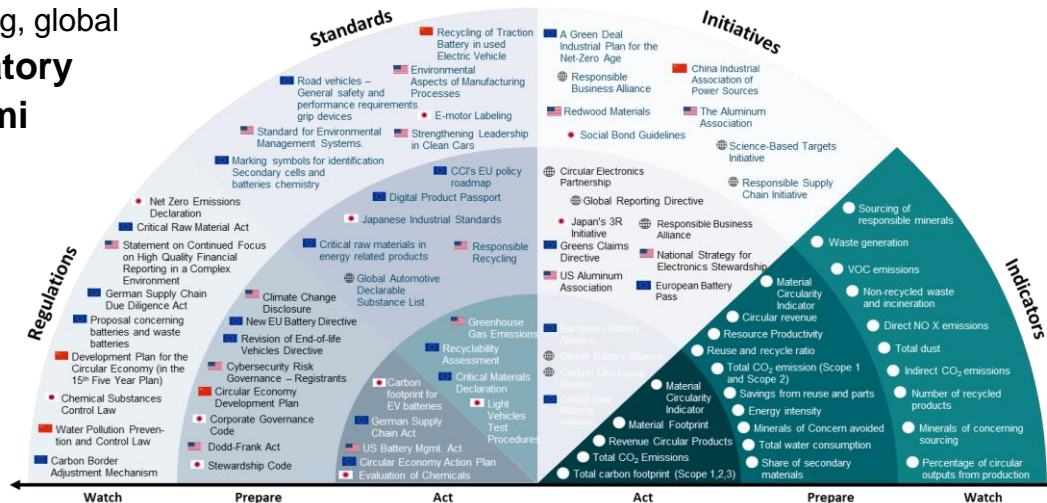
**1047** data points to report whereas **50%** are value chain performance



## Product Passes, e.g. Battery Pass

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

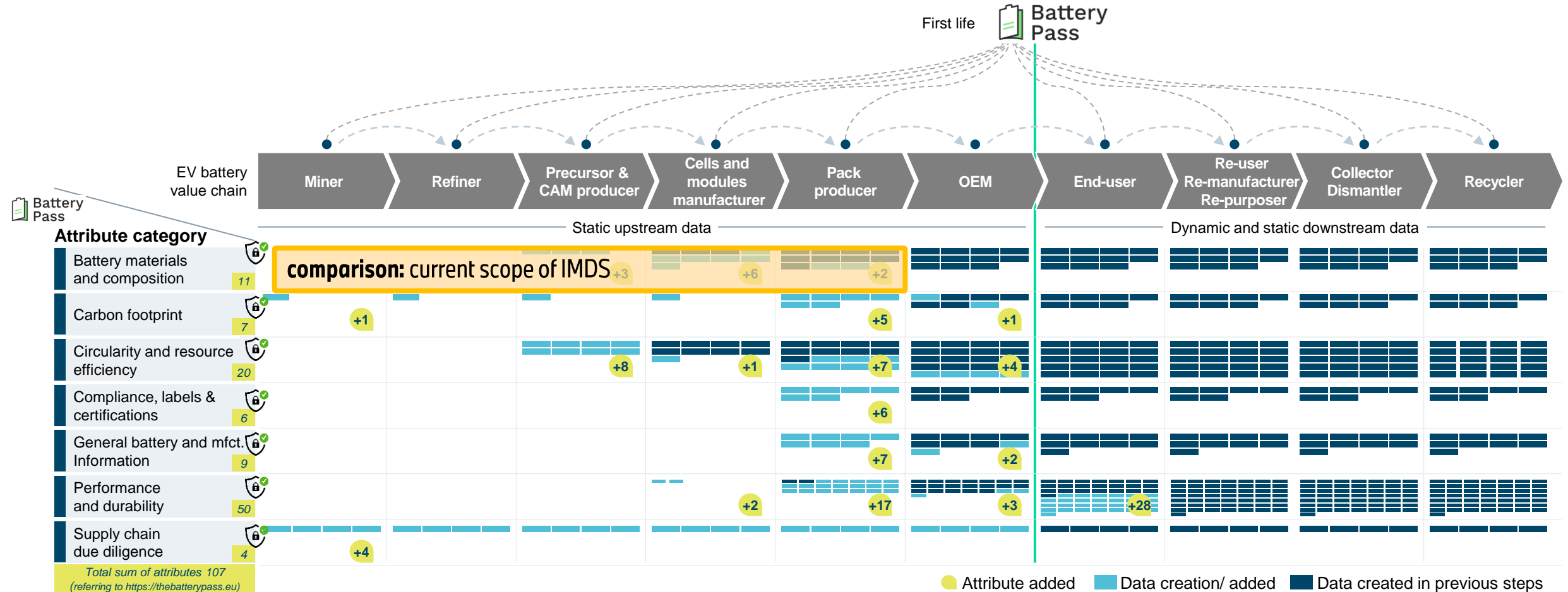
Just the beginning of an upcoming, global **Regulatory Tsunami**



Example: EU Battery Passport (simplified)



# multi-Tier exchange of sensitive, verified and massive amounts of data sets a new baseline to re-think the status quo.

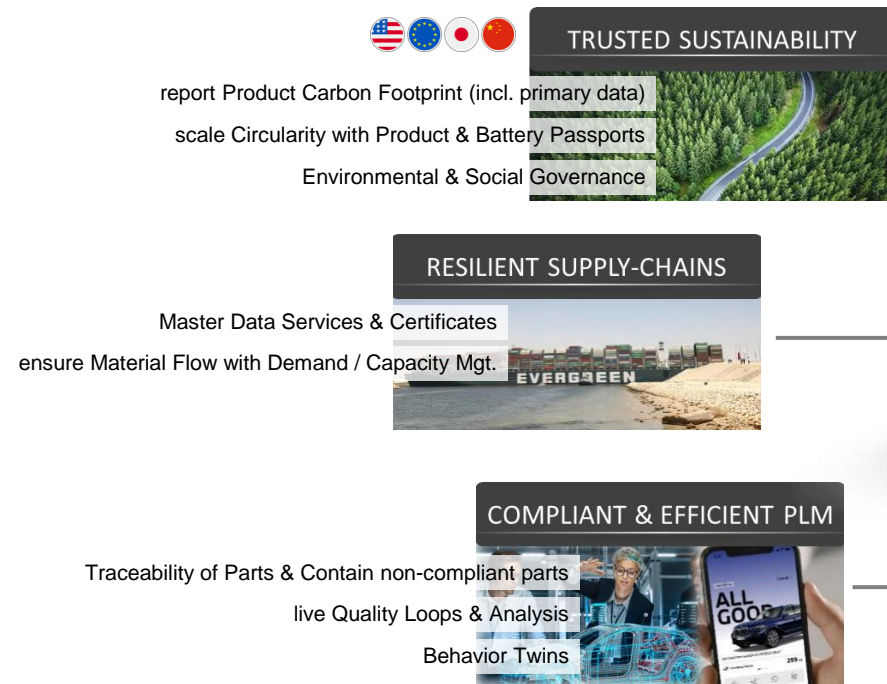




# Sustainability is one, but not the only reason for a new operating model.

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.





# 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.

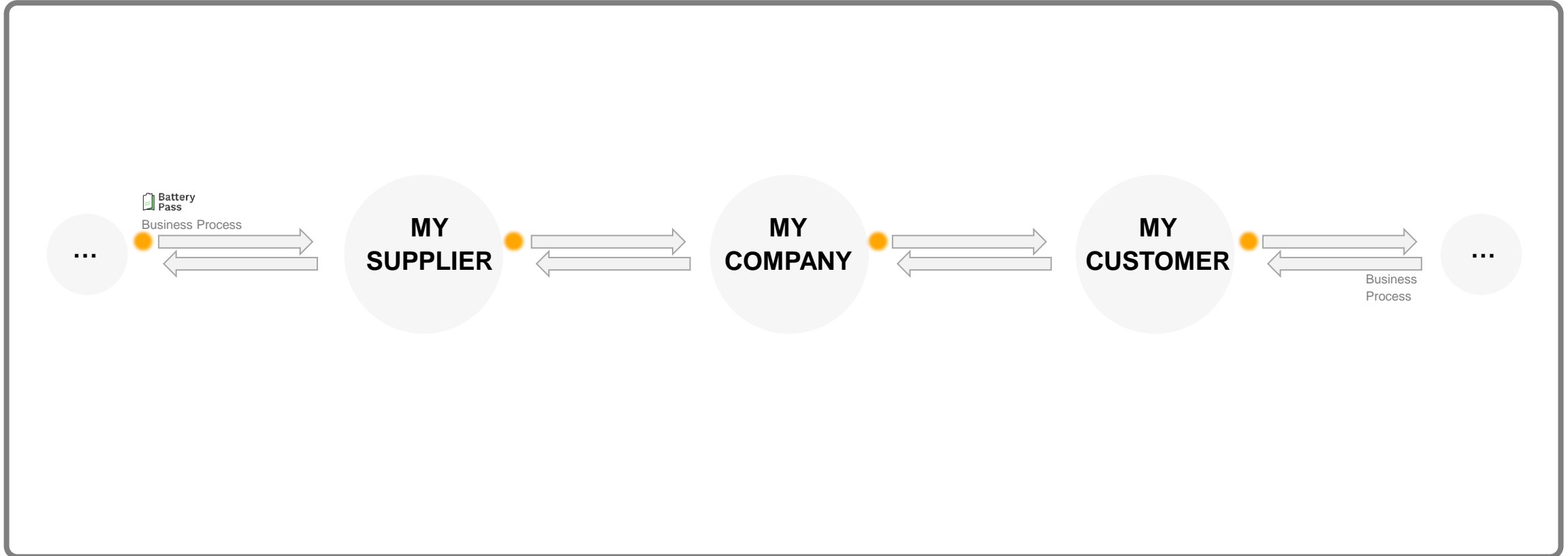
(Technological, Legal and Organizational)



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

Today's industry approach

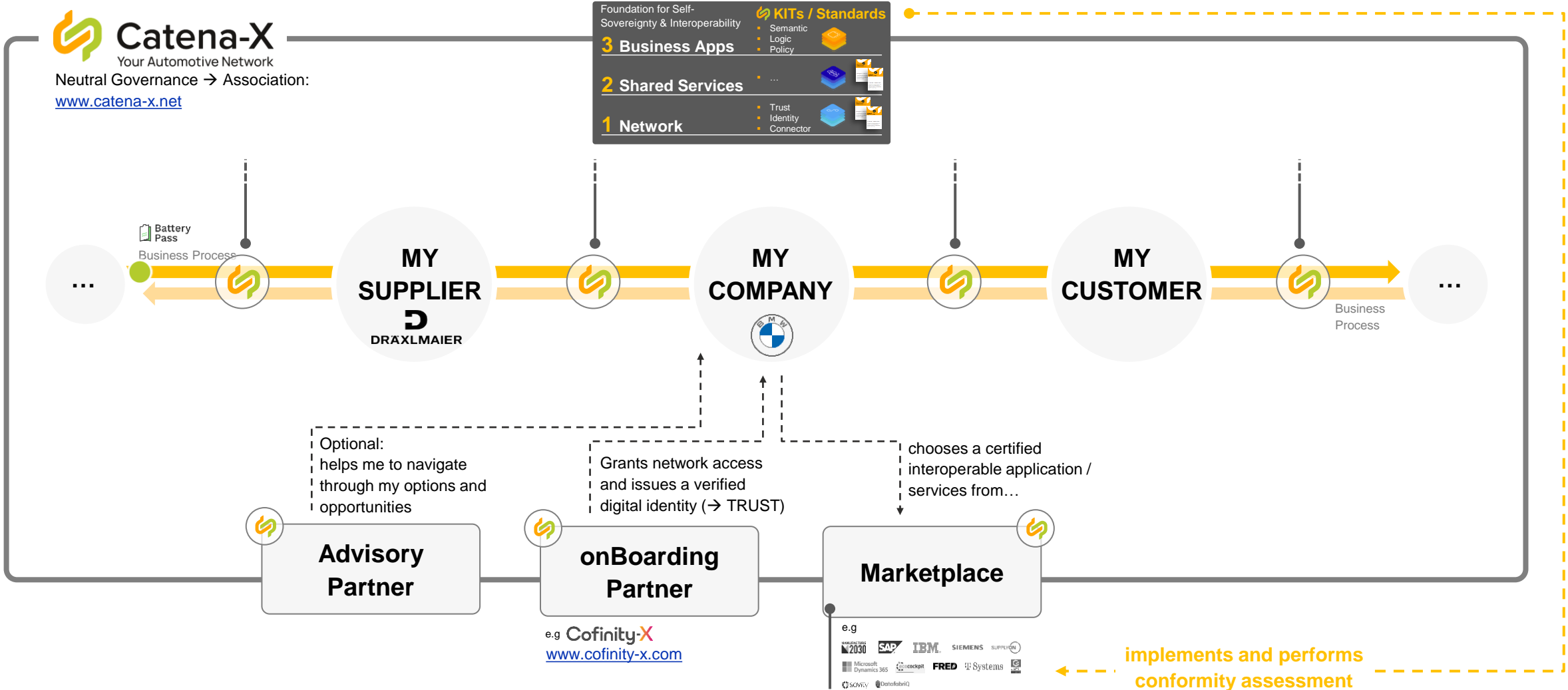
# Limited trust, no multi tier collaboration and vendor lock-in





# nTier Business Process Collaboration with Catena-X

## How it works (simplified example)

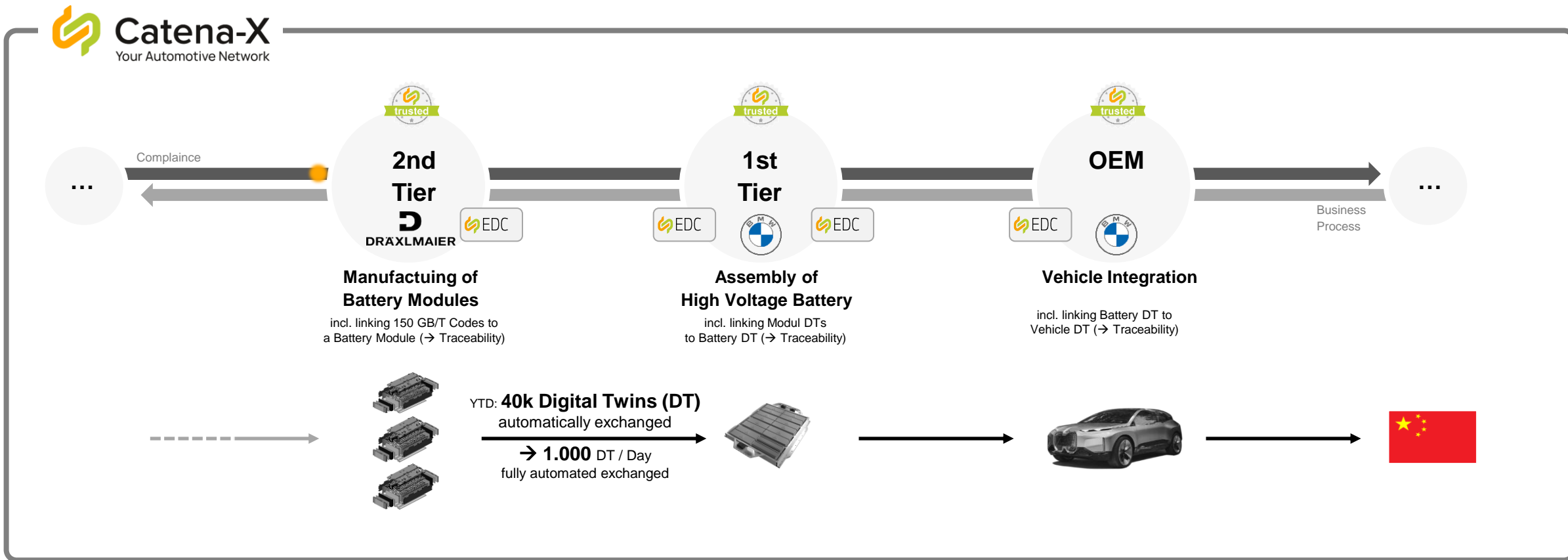




Catena-X example - in operations since 15.12.2023.



# Tracing parts incl. GB/T codes for CN homologation



Mit der Umstellung auf Catena-X können wir die aufgebaute Schnittstelle für zahlreiche weitere Use Cases verwenden. Damit sparen wir Ressourcen und steigern die Flexibilität.

– **Dr. Alexander Salinas Segura**,  
Specialist Digital Business



Wir in der IT nutzen die technischen Möglichkeiten, die uns Catena-X bietet, um gesetzesrelevante Batterieinformationen skalierbar auszutauschen.

– **Michael Scholz**,  
Head of Software Technology & Architecture

Wir haben partnerschaftlich mit der Firma Dräxlmaier den ersten Catena-X Rollout zum automatisierten Austausch produktiver Daten vorbereitet und fristgerecht den goLive umgesetzt.

– **Matthias Pengel**,  
IT Delivery Manager Catena-X



Wir setzen auf Catena-X, um den weiteren Datenaustausch von Batterieinformationen mit unseren Zulieferern zu standardisieren.

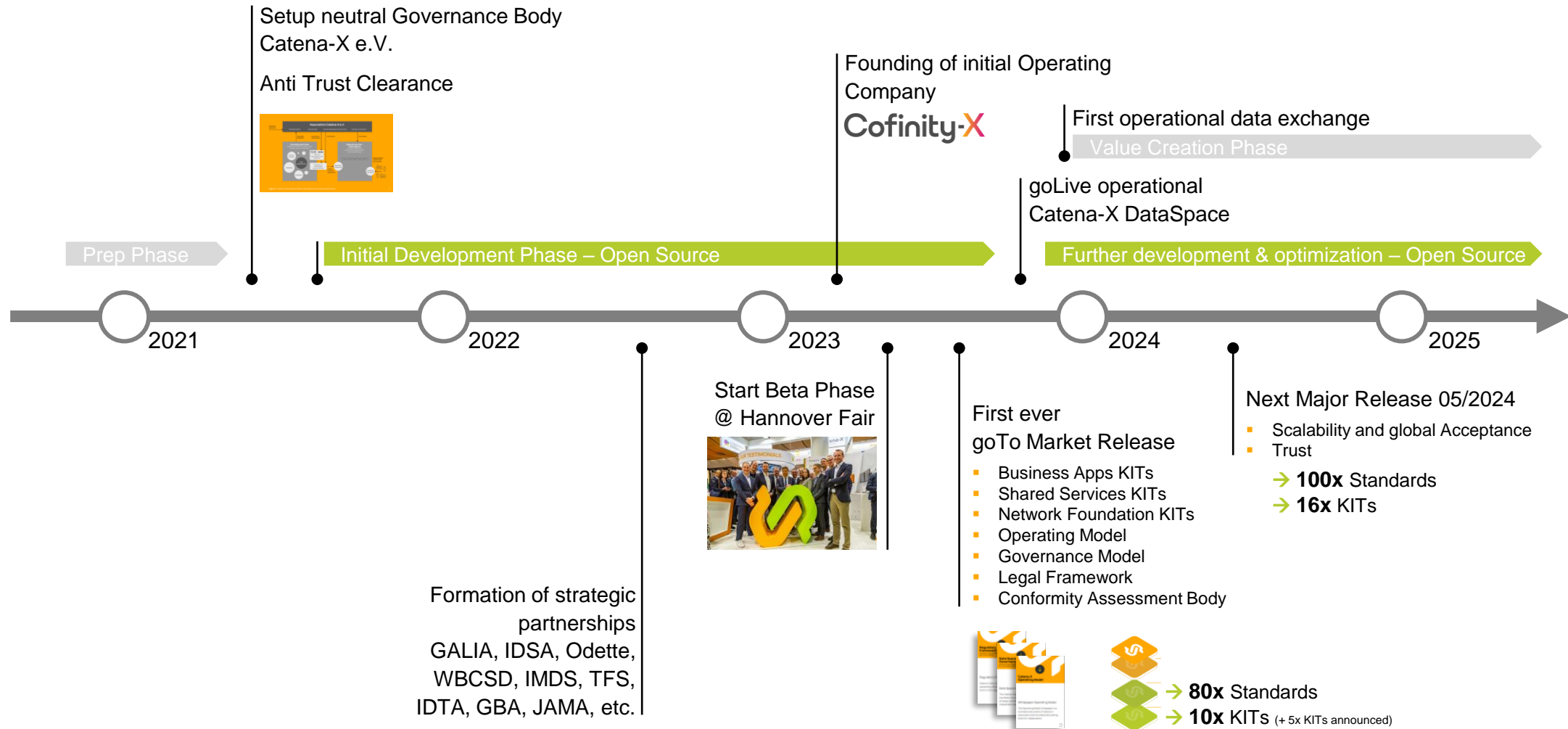
– **Bernd Auer**,  
Operativer Gesamtprojektleiter Modul - HUB Hochvolt Speicher





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

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





# Catena-X is based on radical collaboration.

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