

Wertschöpfung mittels SW-Community Development – der Weg von „Ego-Systems“ zu „Eco-Systems“

Klausurtagung Software als Management Task
Fürstlich Drehna, 24.-25.09.2025

Dr.-Ing. Jürgen Sturm

CIO (1999-2025) | ZF Group | BSH Home Appliances | Grundig AG

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#TDI25

**neuezeiten.
neueantworten.**

EUREF-CAMPUS | BERLIN
23. - 24. JUNI 2025

neuezeiten.



BDI

TDI
2025
TAG DER INDUSTRIE

TDI
2025
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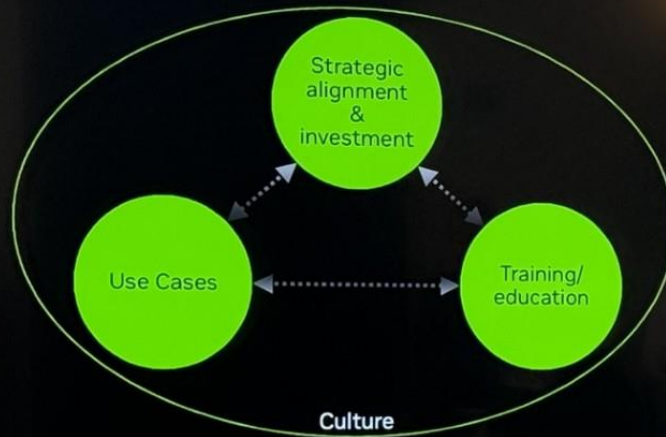
BDI

Auszug aus der Eröffnungsrede des BDI-Präsidenten Peter Leibinger:

„...*neuezeiten, neueantworten* sind nötig in unserer arbeitsteiligen Welt und angesichts der Vielzahl der Herausforderungen setzt dies eines voraus: Das ist **Zusammenarbeit**. Denn Gestalten in komplexen Zeiten, das geht nur gemeinsam. Meine Botschaft ist: In den nächsten Jahren gewinnt niemand allein, nicht die Industrie, nicht die Wirtschaft, nicht die Politik, auch nicht ein einzelnes europäisches Land. Das Gegenteil ist richtig. **Wir gewinnen gemeinsam oder wir verlieren alle.** Ich möchte Sie alle anstoßen, anstiften, damit wir **gemeinsam gewinnen!**“

The "Breakthrough Moment" – What Does It Take?

It's again an interplay between three elements



Dr. Eva-Maria Hemper | AI – What does it take?

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23.-24. Juni 2025: Major players of the automotive industry have signed a Memorandum of Understanding to launch a **joint, open-source, automotive-grade software ecosystem**. [BMW Group](#), [Mercedes-Benz AG](#), [Volkswagen](#), [Bosch](#), [Continental](#), [ZF Group](#), [ETAS](#), [Valeo](#), [VECTOR Informatik](#), [Elektrobit](#) and [Qorix](#) – all under the coordination of the [Verband der Automobilindustrie \(VDA\) e.V.](#) and the [Eclipse Foundation](#)

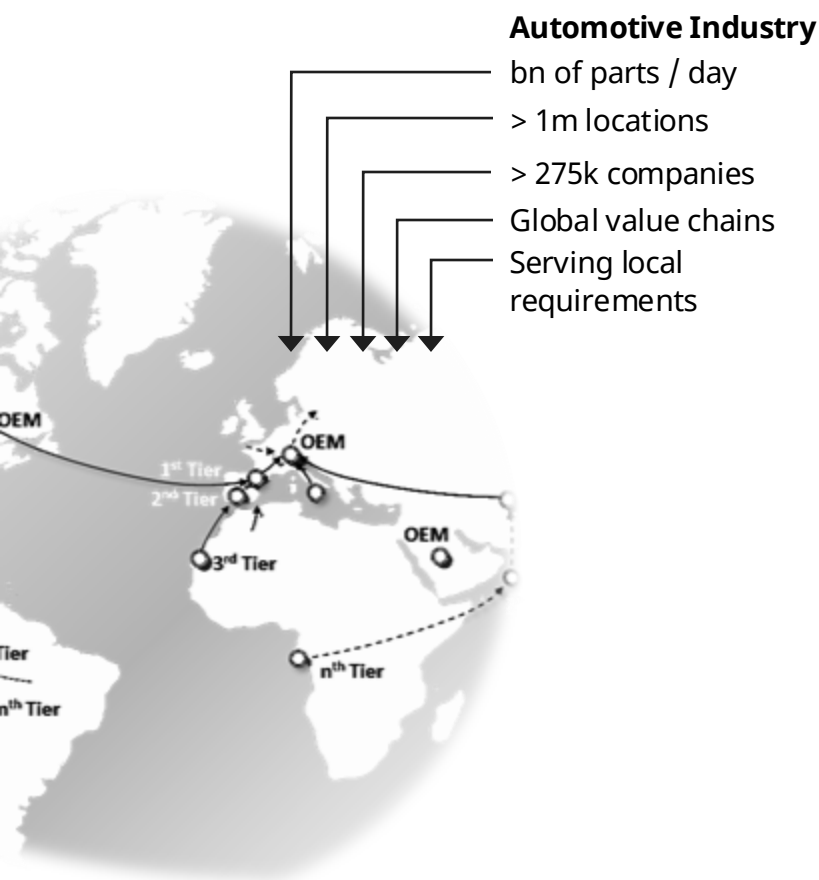
AUTOMOBIL ELEKTRONIK KONGRESS





Our automotive business processes require an update of the industry operating model

Motivation Catena-X: “License to operate and grow”



Resiliency
Resilient Supply Chains

- Business Partner Identification
- Location Certification
- Bolster supply performance
- Optimize inventory / logistics
- ...

Compliance
Trusted Sustainability

- Report validated CO₂e-Values
- Cover regional variance
- Release of Product Passports
- Supply Chain Due Diligence
- ...

Cost down
Effective Quality

- Trace parts / campaign mgt.
- Live quality loops
- Behavior Twins
- ...

require

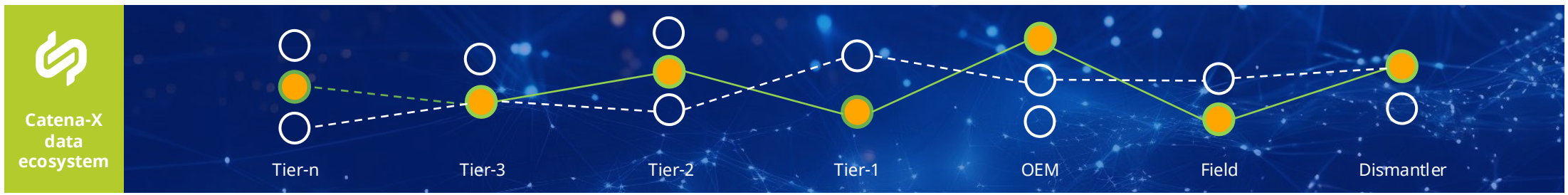
>> multi-tier collaboration along the value chain <<

It is a digital challenge!





With Catena-X we developed an open, collaborative ecosystem for data exchange along the value chain



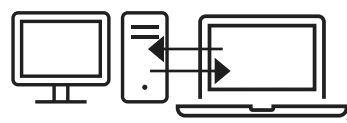
Trusted Identities

Verified and unique company identities



Self Sovereignty

Decentral Architecture with full control over your data



Interoperability

Unified open-source-based standards and KITs



Industry Governance

One global operating model and framework

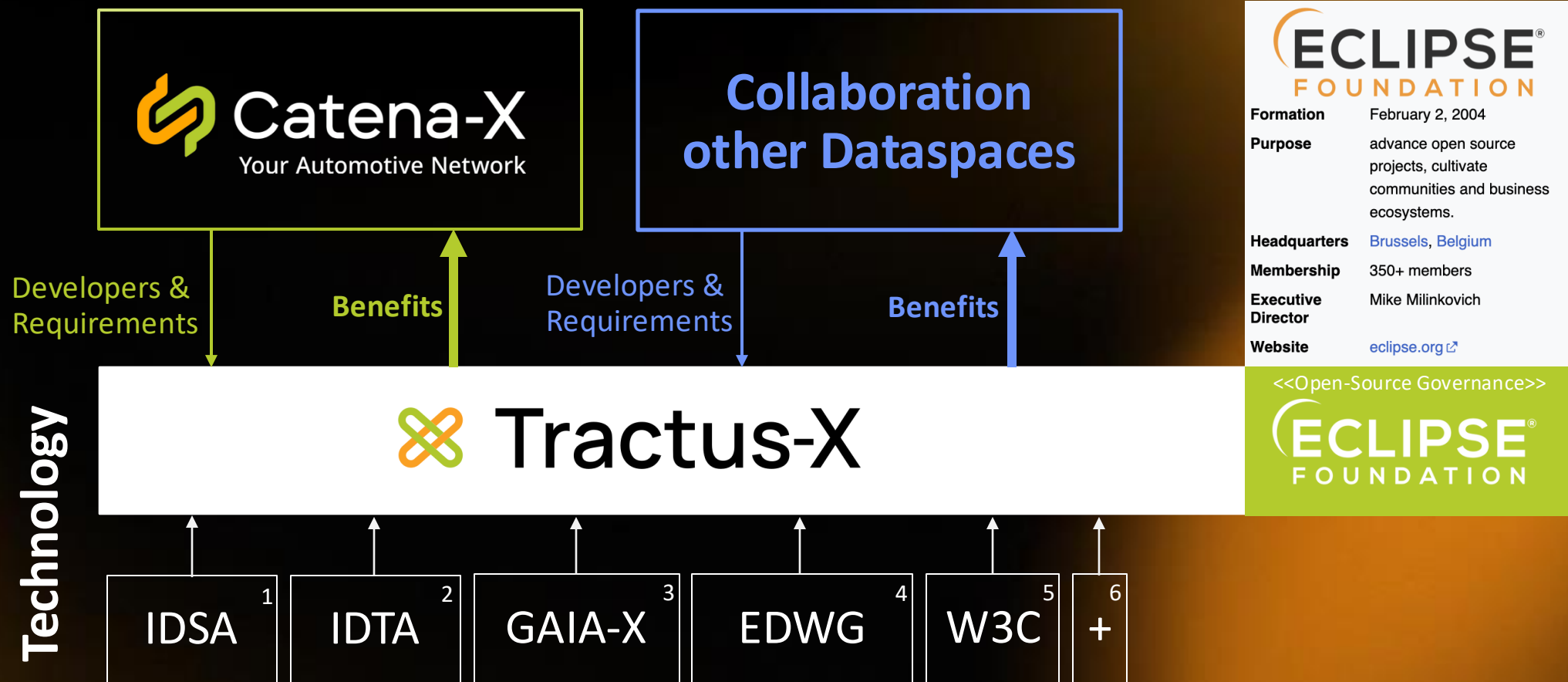
Catena-X is **not a database** to store and collect data but an **open ecosystem** to share data in a better way – **standardized, secure and simple.**



Tractus-X Community Days | Stuttgart, May 22-23, 2025



Tractus-X – The Open Source base of Catena-X



ECLIPSE[®] FOUNDATION

Formation February 2, 2004

Purpose advance open source projects, cultivate communities and business ecosystems.

Headquarters Brussels, Belgium

Membership 350+ members

Executive Director Mike Milinkovich

Website eclipse.org

<<Open-Source Governance>>

ECLIPSE[®] FOUNDATION

1. International Dataspaces

2. Industrial Digital Twins

3. Data Sovereignty

4. Decentral Data Exchange

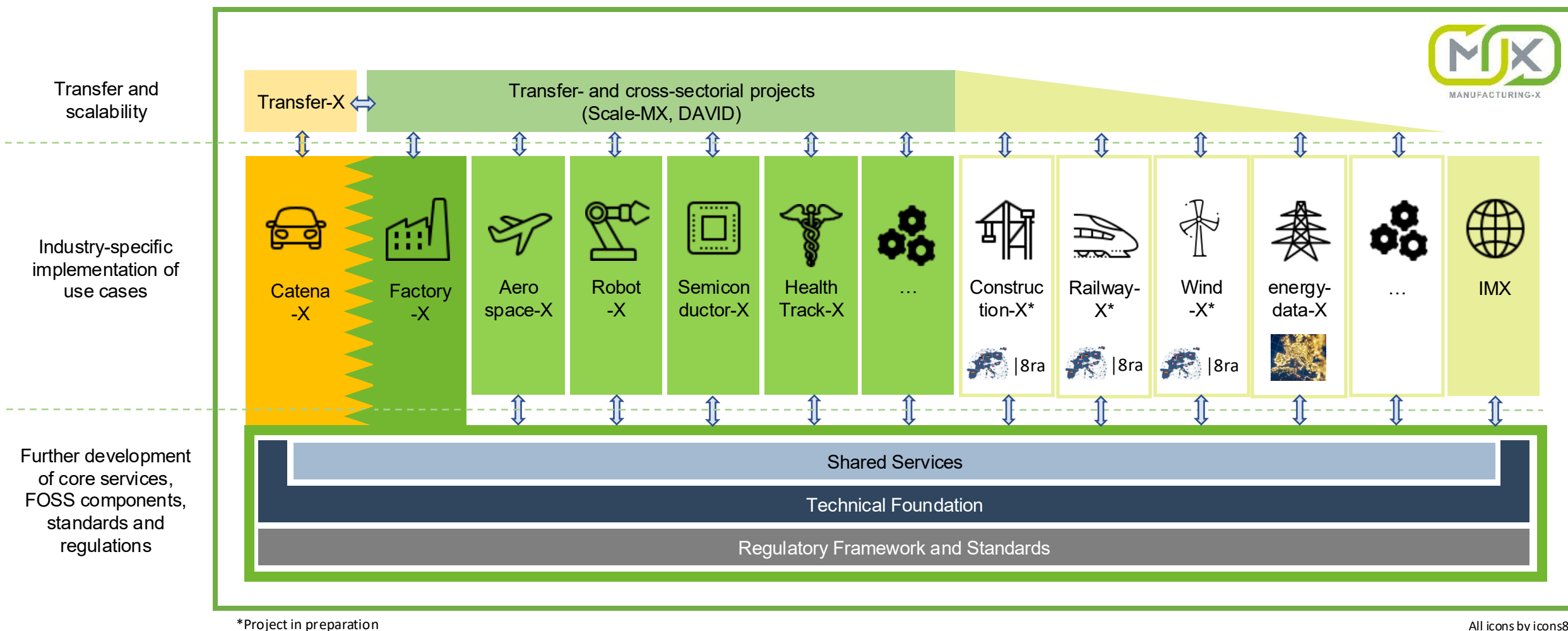
5. Secure + Web3.0

6. Innovative





Interoperability across different industries requires the same Framework of Standards and Technical Foundation



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Thank You!

