Catena-X
Your Automotive Network

Catena-X – Global Status

France / Galia CX Users Club
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Catena-X Automotive Network e.V.

Core beliefs

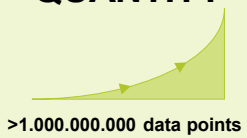
Why the Automotive Industry and its partners require a new digital foundation, fast!

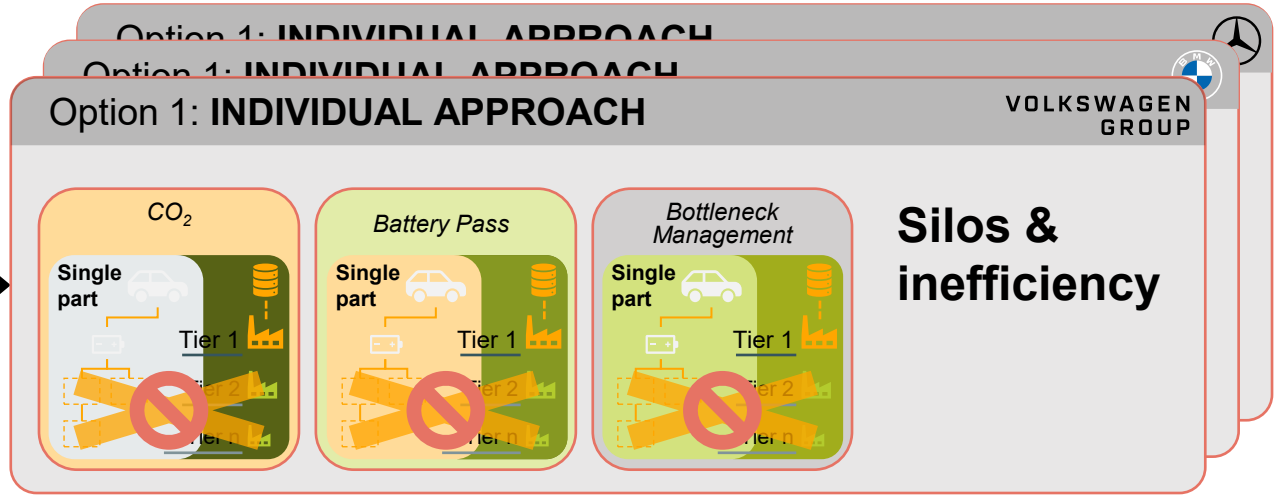
- **Digital Sovereignty and inter-company data sharing will show significant growth as of 2026 and will become compliance relevant, driven by:**
  - Regulatory requirements for **sustainability** (e.g. EU CSRD / Passports / ELV), **resilient supply chains** (e.g. US ICTS) and **digital sovereignty** (e.g. EU ID, CN / JP)
  - Switch from Peer / Peer to Multi Tier Collaboration to maintain **license to operate**
  - High level of **variances** of (regional) requirements
  - Standardizing and building an industry Data Foundation (also for **AI**)
- **Geopolitical tensions, compliance and cyber resilience require a re-design of digital sovereignty and trust, for markets and participants**
  - EU Digital Markets / Service / **Data Acts**, CN Data Matrix Strategy, Japan Ouranos
  - **Cyber-Resiliency** / Threats are skyrocketing
  - **Monopolies** for tooling, **infrastructure** and services have to be reviewed
  - New Reporting standards (EU/CN) create **new liabilities**– know and **trust** your data
- **Companies seek levers to maintain competitiveness and innovate**
  - **Digital product / process twins** (within organization & relevant partner network) can unleash innovation and untap cost optimization potential for value chain partners
  - IT costs (Dev/Ops) are high, due to limited standardization and strong partners (between Use Case domains, between companies, between sectors)
- **General Data Readiness and Data Sharing Readiness is the Industry's Achilles' heel, especially in Europe**
  - Limited sharing / data standards, missing alignment on top industry priorities and delayed company investments in infrastructure and competencies paint a disastrous pic, esp. nTier

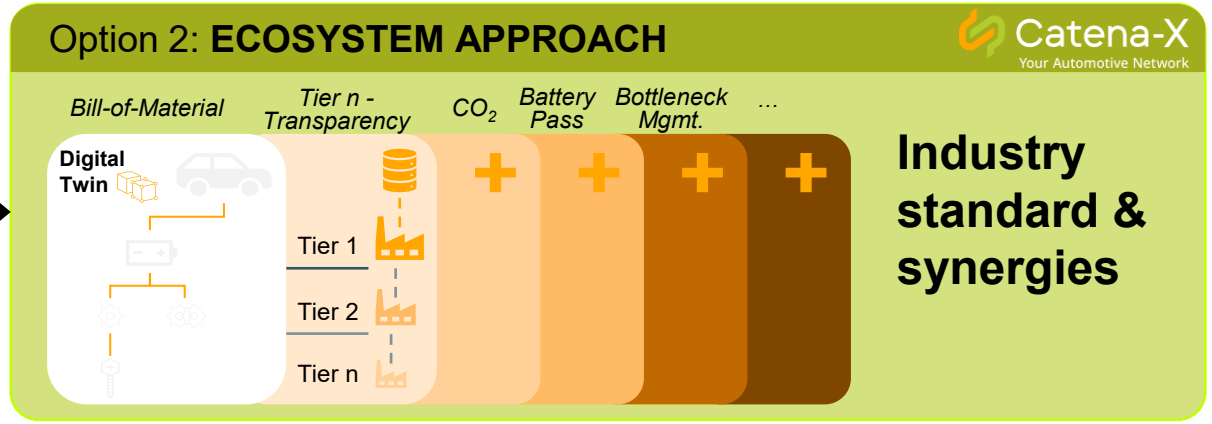
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Rising data volumes require a standardized approach for efficiency

CHALLENGE

QUANTITY 	Increasing requirements	*Example:* Regulatory (UFLPA, EUDR, CO_2), Risk prevention, etc.
RANGE 	End-to-end responsibility across all tiers	*Example:* Semiconductor crisis, Supply Chain Due Diligence Act (LkSG), etc.
REACTION TIME 	Volatility accelerates adoption and urgency	*Example:* Decoupling, tariffs, global conflicts





Catena-X
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The Catena-X Mission

Lead and support the urgently needed digital transformation of the global automotive industry by building an industry data foundation based on standards and running a globally operational trusted data eco-system.

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Catena-X has moved from initiative to operational ecosystem

Network scale, reliable operations and measurable economic potential demonstrate a new level of maturity.

1,000+ **connected legal entities**
across 40+ countries and 6 regional hubs (as of 09/26)

Vision 2035
Value at Scale and Trusted Data Foundation for Industrial AI

SCALE

61

of Berylls Top 100 automotive suppliers onboarded

5x User Growth

In the last 9 months

PERFORMANCE

11× faster

Onboarding — first 100 entities: 175 days, latest 100: 15 days

99.994%

Uptime over the last 90 days

VALUE

€150–220

Gross savings potential per vehicle/year (study-based estimate)

up to 7%

Potential EBIT uplift across six applications

Sources: Berylls Top 100 supplier ranking (onboarding); Audi / Volkswagen Group / TUM / Fraunhofer and Accenture / Fraunhofer study-based estimates (economic potential). Figures are modelled, not realized results.

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Global. Trust. Pioneer.

The Catena-X Association builds the foundation for the industries.



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The Association has created the common foundation

58
Standards

37
Published KITs

Quarterly
Release Cadence

Common Foundation → **Reusable Implementation** → **Fast Adoption**

Standards

Consolidated for quality. Overlap reduced, relevancy increased.



63 Standards consolidated
22 new standards added

KITs

Implementation support is expanding.



+3 KITs released in 26.09
4 KITs from other industries
(3x Manufacturing, 1x Semiconductor)

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Scaling Eclipse Tractus-X beyond Automotive

What is Tractus-X?

Eclipse Tractus-X is the leading open-source ecosystem for industrial data spaces.

- Open-source software and reference implementations
- Architecture blueprints (“KITs”)
- Trusted data-sharing technologies
- Cross-industry interoperability
- Data sovereignty and security by design
- www.tractus-x.eu

Why the Tractus-X Accelerator?

As Tractus-X expands beyond the automotive sector, more industries, developers and organizations need support to adopt, contribute to and scale the ecosystem.

- Broad cross-industry integration
- International expansion
- Long-term community sustainability
- Increasing onboarding capacities
- Reducing entry barriers
- Need for stronger governance

Who funds the project “Tractus-X Accelerator”?

Funded by the Federal Ministry for Economic Affairs and Energy

Supported by: Federal Ministry for Economic Affairs and Energy — on the basis of a decision by the German Bundestag

Project management via VDI/VDE Innovation + Technik GmbH

Project consortium

A consortium combining industry, research and standards expertise:

ARENA2036 · Catena-X Your Automotive Network · Fraunhofer ISST · International Data Spaces Association

AEROSPACE-X · energy data-X · MOBILITY-X · FACTORY-X · SEMICONDUCTOR-X · CHEM-X

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From trusted data to trusted industrial AI

Trusted Data Foundation → **Value at Scale** → **Trusted Industrial AI**

The trusted foundation that enables secure and interoperable data exchange.

- Standards & KITs
- BPN & Identity
- Data Space Foundation

Scaling adoption across industries and making Catena-X the default path for collaboration and compliance.

- Cross-Industry Adoption
- Regulatory Backbone
- Global Rollout

Enabling the next generation of industrial AI through trusted and sovereign data.

- Trusted Agents
- Digital Value Network Twin
- Industrial AI Applications

As a Catena-X member, you can actively shape the trusted data foundation that will define the future of industry.

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The road ahead isn't just about smarter cars — it's about a smarter industry. And that requires us to build the infrastructure of trust together.

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„No Cherry comes without the Cake“

for AI powered Inter-Company Workflows



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