

Catena-X

VERSION 3.0

THE FIRST OPEN AND COLLABORATIVE DATA ECOSYSTEM

Last Revision 31.07.23

Our motivation

Collaborative, must win-battles for the global automotive industry



and "close the loops for circularity"

→ No market player, neither an OEM nor supplier nor outfitter can solve these problems on its own ←

Taking the right turn

Towards, we (the industry) share mutual and pressing issues which we only can solve together.

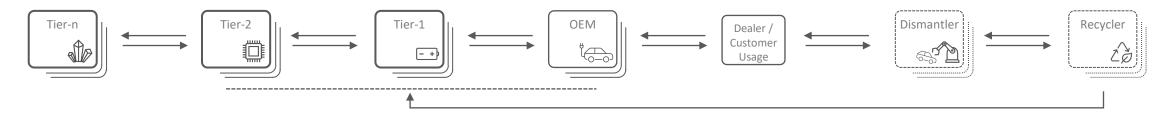


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Catena-X value proposition

First time offer of a sovereign, multi-tier data exchange and use case collaboration across the entire value chain.

Optimization of **"our"** industry value chain processes



- \rightarrow Addressing the **entire problem** (end to end workflow)
- \rightarrow Creating flow of information for all participants
- ightarrow Scaling across the industry and beyond

What is new about Catena-X, compared to previous solutions

Catena-X doesn't replace existing offerings, it fills gaps and redirects forces towards a common GOAL. Catena-X enables all participants to collaborate compliantly within one shared global DATA SPACE.

Common GOAL

Solve top industry problems together and now



Shared global DATA SPACE

- One operating model and federated operating system for the data space
- Customer value journeys for common GOALS enabled by open, multi vendor marketplaces



Foundational services and standards built upon OSS (KITs) with dedicated





Neutral governance, incl. conformity assessment body

KITe

We simply call this "NETWORK of NETWORKS"

Enabling a data driven value chain collaboration for the first time

What's in for me, as a company?

Catena-X focusses mainly on use cases; common GOALS. Every use case offers business value for adopters and solution providers. Catena-X is the enabler to capture these BENEFITS for all participants.

BENEFITS for each participant

Offer / gain digital SOVEREIGNTY

- Data keep control over your data (usage policies, de-central, ...)
- Services choose your provider from open markets (interoperability, ...)
- **Operations** decide where your data is stored & operated (de-central, ...)
- Identity self managed and trusted (SSI, use across providers / data spaces, ...)

Reduce time to VALUE and create positive business impact

- Boost digital readiness of your company via onboarding services
- Empower your business via use cases (e.g. share a service or collaborate)
- Minimize COSTS for digital transformation and doing business, e.g.
 - Consolidate IT interfaces (e.g. data exchange, global reach)
 - Share services within the industry (e.g. golden record master data)
 - Capture synergies between use cases (building blocks & network effects)

Foster INNOVATION and digital transformation

• Enter new value pools and gain competitive advantages



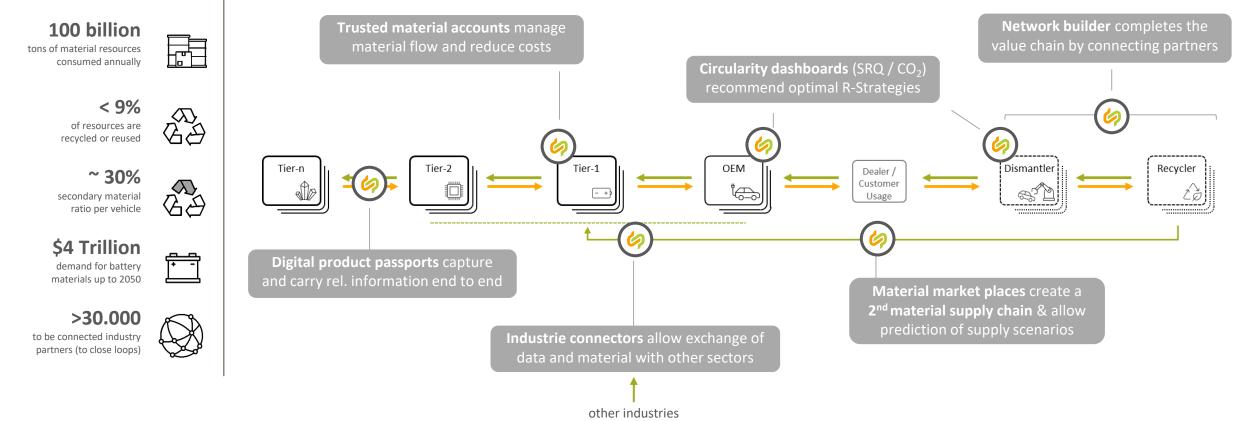
Catena-X value proposition in action

Example "Circularity": First time value derivation made possible by utilizing the trusted data space.

Fast Facts

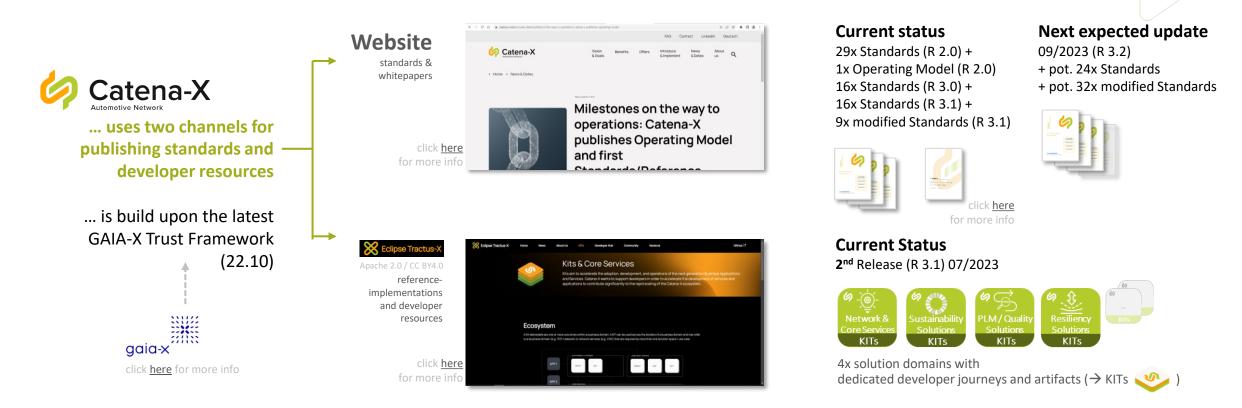
Catena-X Standards & Artifacts (6)

Connect partners, streamline flow of information and create solution portfolio to enable scalable value derivation



Core offering and value proposition for DEVELOPERS

Releasing and updating standards, incl. policies and reference-implementations are amongst Catena-X' key offerings to enable collaboration and interoperability.

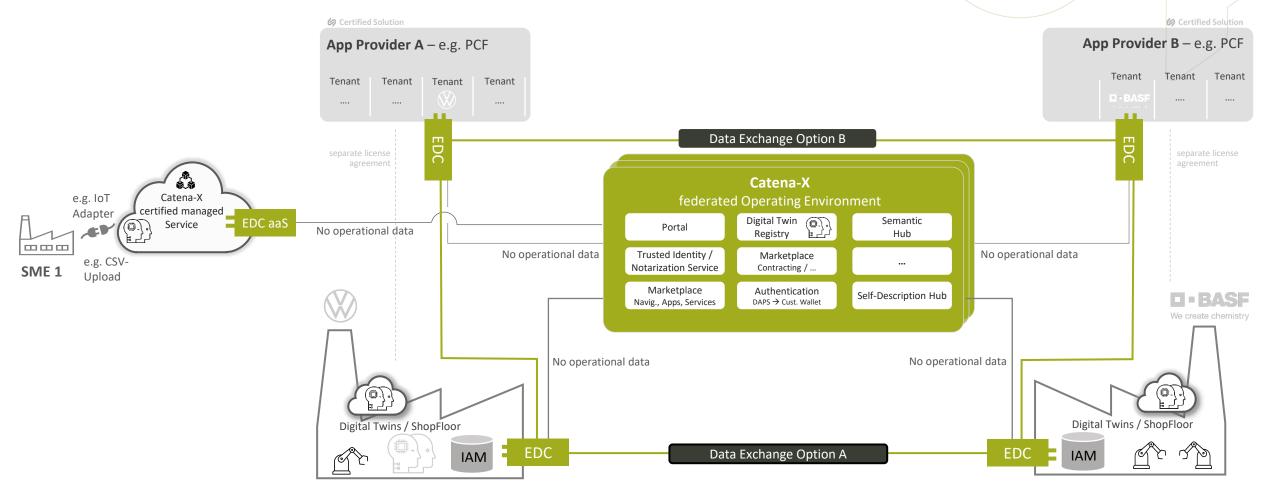


Note: Catena-X plans 4x releases per year // Winter $x.0 \rightarrow$ Spring $x.1 \rightarrow$ Summer $x.2 \rightarrow$ Fall x.3 // The next release is expected: 09/2023 (Release 3.2)

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How the Catena-X data space works

Sovereign, federated and interoperable. Incorporating GAIA-X principals and frameworks.







Starting and scaling the Catena-X data ecosystem

It takes the right balance of partners to start with and a global way forward to foster adoption.

KICK START - TEAM to build and launch the initial foundation; all interest groups are represented



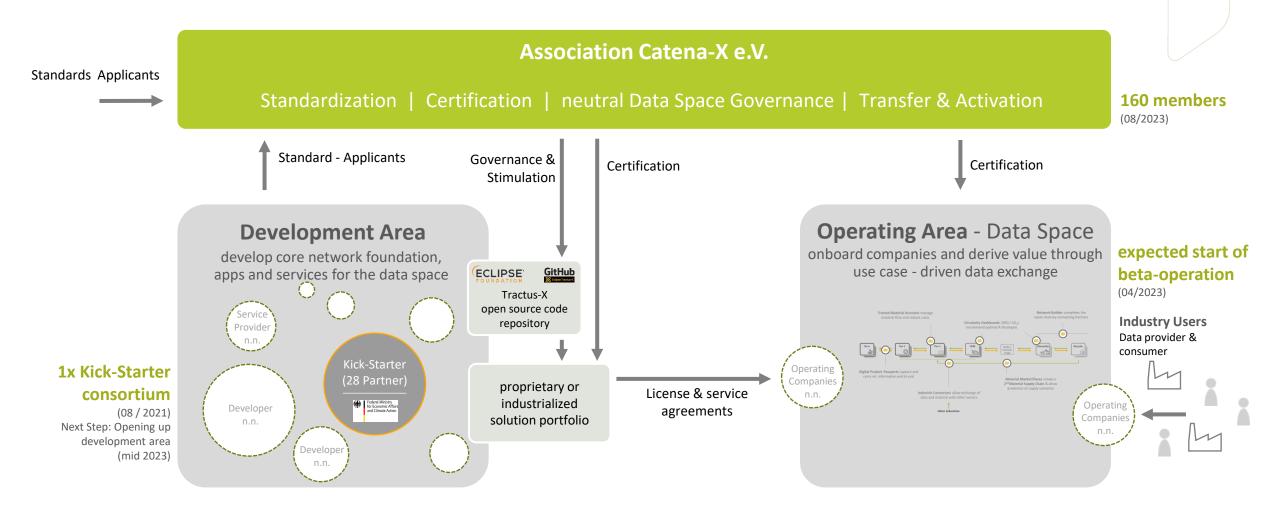
Implementation of the CX HUB-CONCEPT empowers regional

adoption and ensures flow of data across regions



Organizing the activities of Catena-X

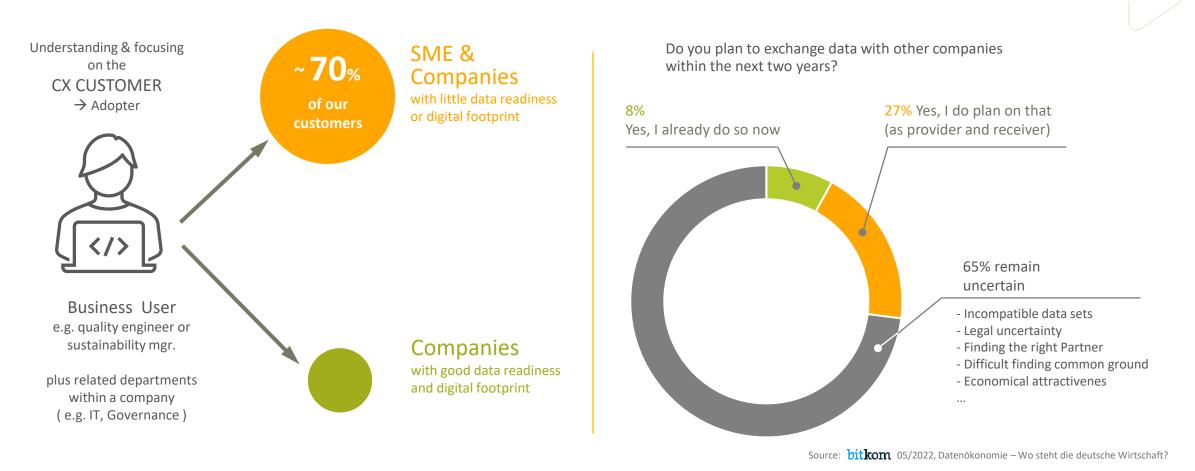
The art of BALANCING POWER and FOSTER COLLABORATION within a data ecosystem.





Know your customers and their concerns

SYSTEMATIC COVERAGE requires a trusted & interoperable solution portfolio for companies with little data readiness.

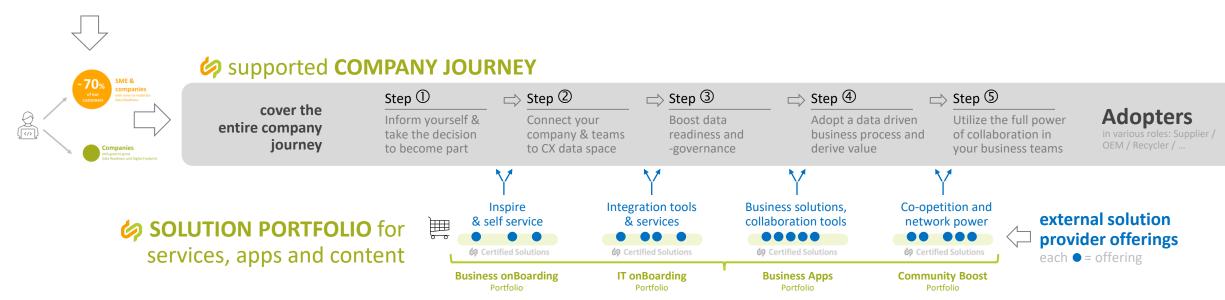




Core offering and value proposition for ADOPTERS

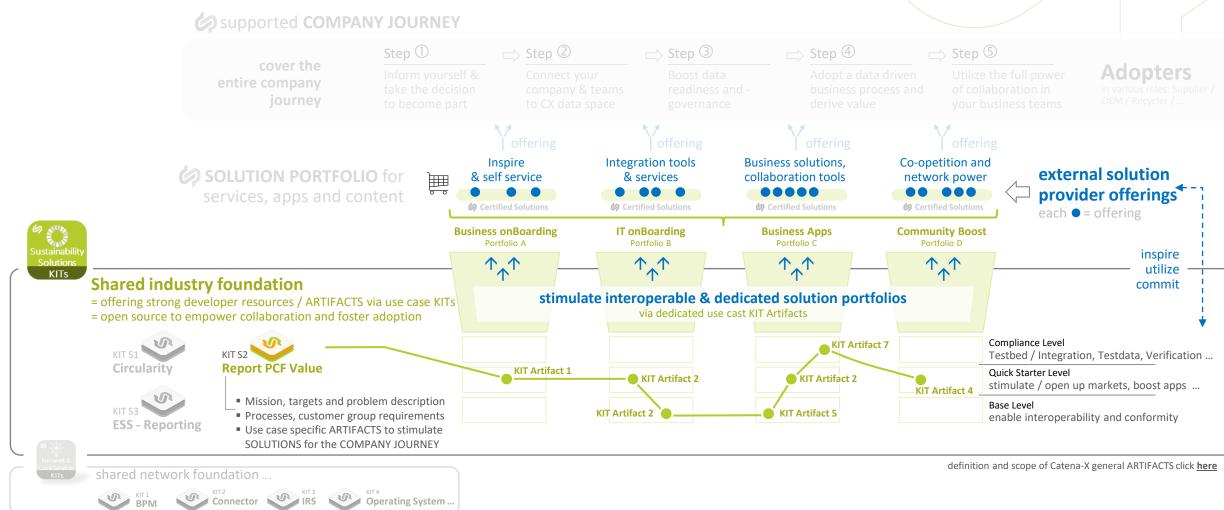
Support the individual adopter to become part of a dedicated Catena-X use case and create instant value by offering them a multi vendor and interoperable SOLUTION PORTFOLIO along their COMPANY JOURNEY.

Example: Targeted business value for use case "de-carbonization": Report and steer the de-carbonization of our value chain with dedicated measures based on real PCF values, without compromising upstream data sovereignty



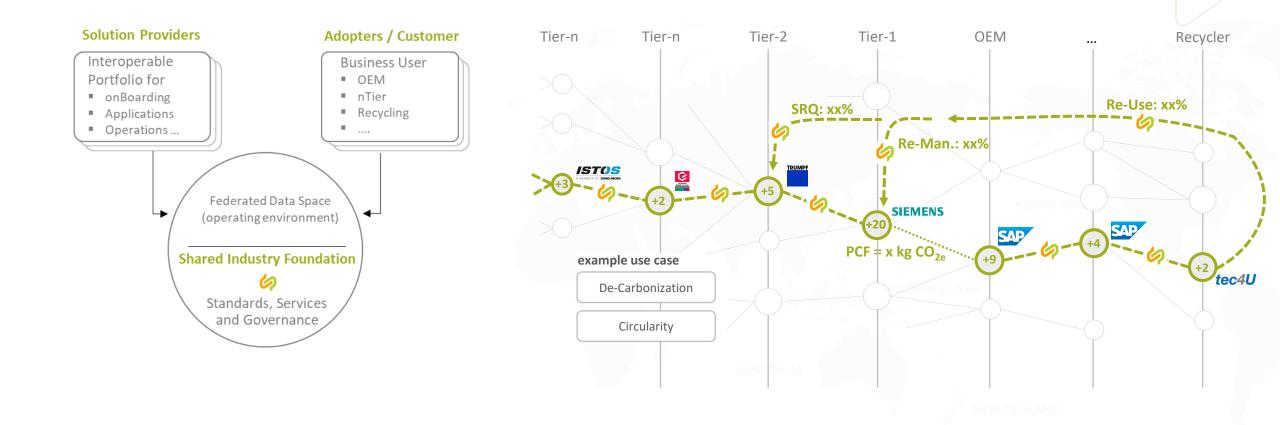
Connecting developer resources with adopters needs

Catena-X offers dedicated ARTIFACTS per use case KIT to stimulate and empower the solution provider offering.



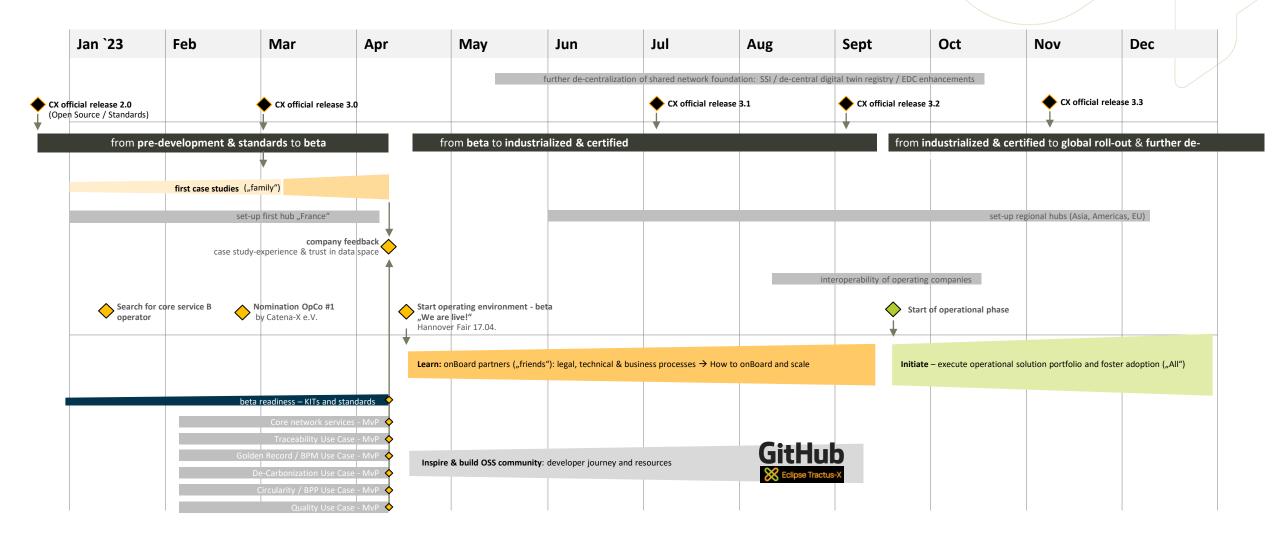
Building data chains via interoperable solution portfolios

Catena-X SOLUTION PORTFOLIOS allow providers to offer e.g. interoperable services for dedicated use cases.





Catena-X Roadmap 2023



Do I need to be a member of the association in order to use Catena-X?

No. Using the data space requires a registration via a certified operating company and an additional conformity assessment (certification) for service providers.

When can I use Catena-X to exchange data?

Catena-X will start operations in Q2/2023 with a controlled beta phase and targets an initial offering as of fall 2023.

Who is already a member of the association? click here

When should my company join the association?

Mainly, when you want to contribute to the network foundation based on open source, create standards and support the market adoption.

Can anyone join Catena-X and start a data chain and offering?

Catena-X is currently an automotive movement, every member of this industry is welcome to join. Building data chains is however a complicated endeavor and therefore will start in a controlled manner. Service provider offerings have to be certified before they can place their offering or use the Catena-X logo and name in their communication.

Is Catena-X available in all countries?

Since the automotive industry is a global network of partners, Catena-X will in general follow these value chains. Catena-X will release guardrails for a country based roll-out, incl. countries of no operation.

How can I access Catena-X standards and offer software? Please click here for more details.

When is the next biggest event to get in touch with Catena-X? Catena-X offers regular online events, see here

The next onsite event is planned for the Hannover Fair starting 17.04.2023.

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