



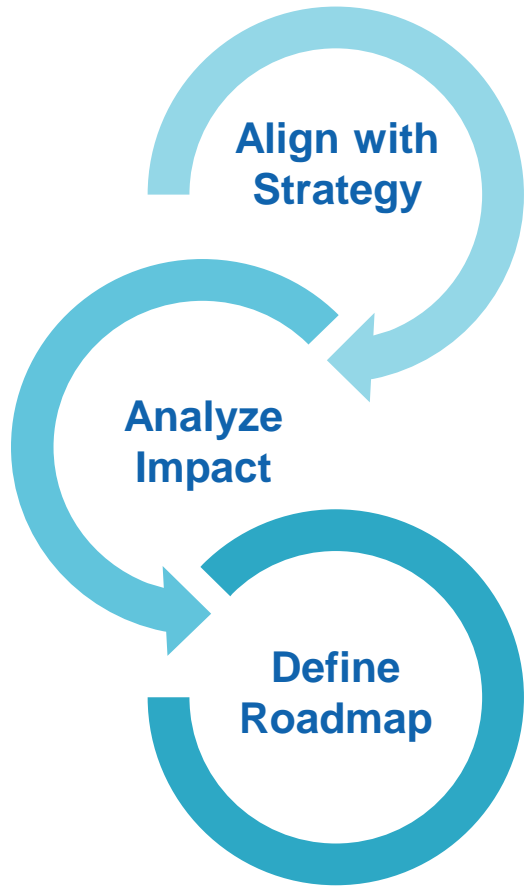
Catena-X enabling Digital Economy

Entering the digital Supply Chain

Detecon Strategy Advisory

06.12.2021, Dr. Jürgen Padberg

With our approach we will find the right strategy as well as the necessary adjustments to unlock the full benefits from Catena-X for your company.



Align with Strategy:

What role plays Catena-X within the Digitalization Strategy of your company? How is Catena-X driving the transformation to an information-centric company and why is that a good thing for your company?

Analyze Impact:

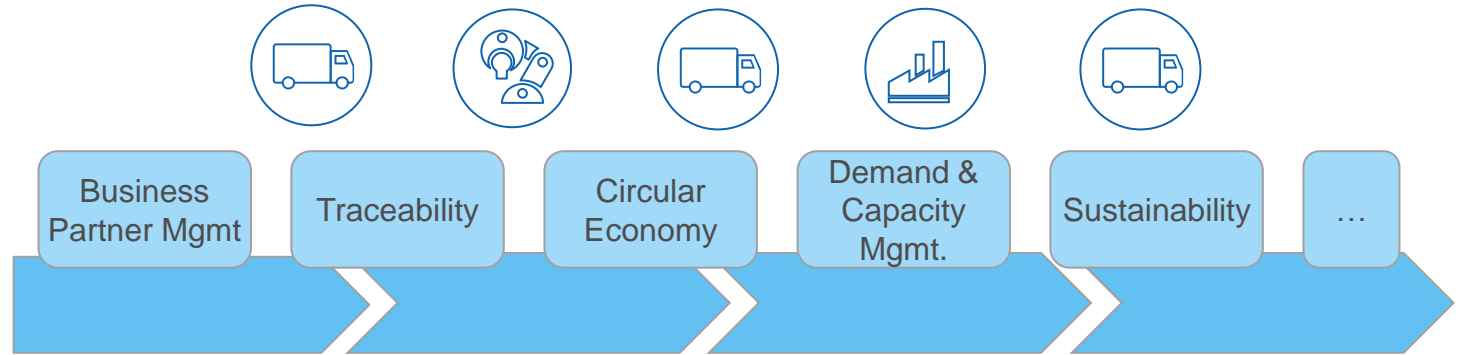
What does this mean for your business model, where does new potential arise, what does it mean to your processes and to your IT landscape?

Define Roadmap:

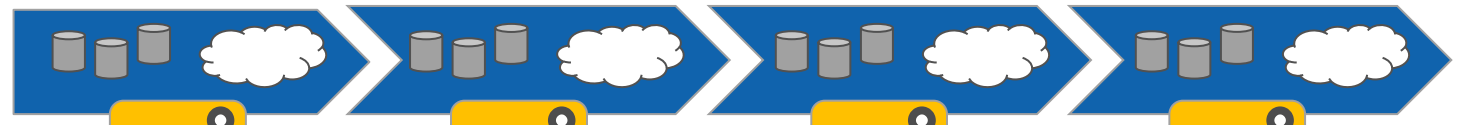
What should you do concretely based on this and how does this fit with your existing project portfolio today and along the planning horizon?

Before we talk about the HOW: Participating in WHAT? The relevant integration areas to get Catena-X to live.

Application of Use Cases / Physical Supply Chain



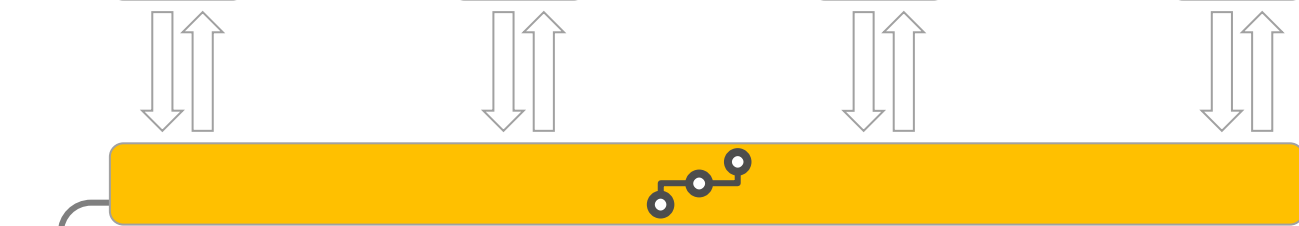
Accompanying Data Exchange & Data Storage



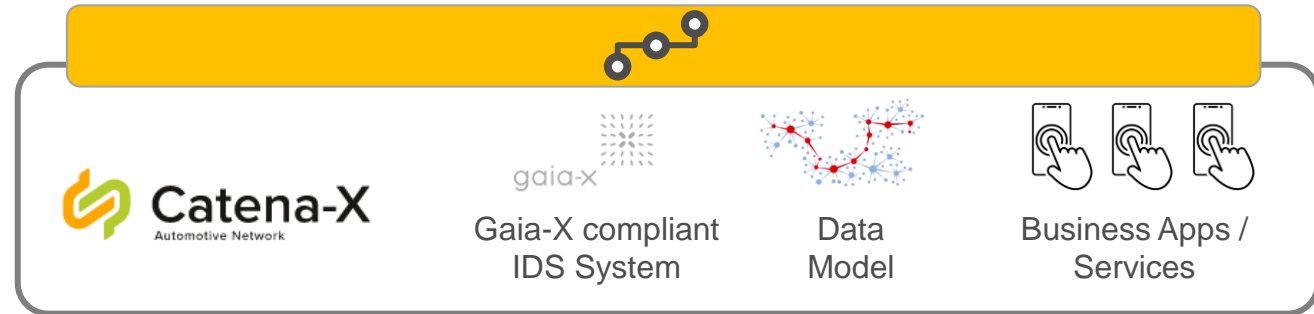
Local Connectors



Catena-X Cloud Connector



Data Exchange Management & Services Platform

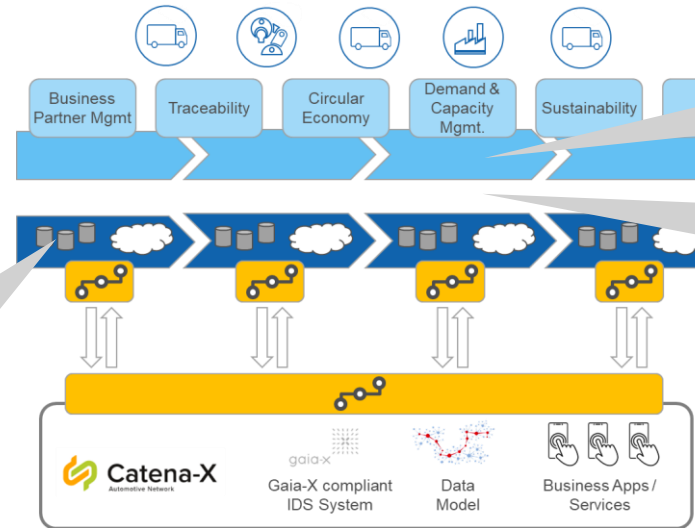


Examples for Business-related topics: Develop an individual strategy to maximize the benefits from joining the Catena-X network.

General strategy: **Role within Catena-X**, e.g.

- Heavy user / core consumer: Maximize digital platform and network capabilities of Catena-X to optimize own supply chain processes
- Minimum-mandatory participant: Just fulfil to what your customer forces you
- App Provider: Develop solutions that can be used by others as well, earn money with platform apps
- Data broker: Become “trader” on Catena-X platform and manage data exchange between participants

Road to **Data-centric Company**: What data can I use for what purposes, e.g. efficiency optimization of own production / supply chain, improve customer experience, sell data to others, ...



Business Process Optimization: Utilize digital opportunities of Catena-X to improve effectiveness and efficiency of supply chain processes, e.g. gaining transparency on whole chain, traceability, better prediction, fulfil requirements of “Lieferkettengesetz”, use case definition, ...

Digitalization Roadmap: Role of Catena-X utilization in overall digital transformation journey, utilization of Industrial IoT, digital twin, platform strategies, cloudification, mindset change, ...

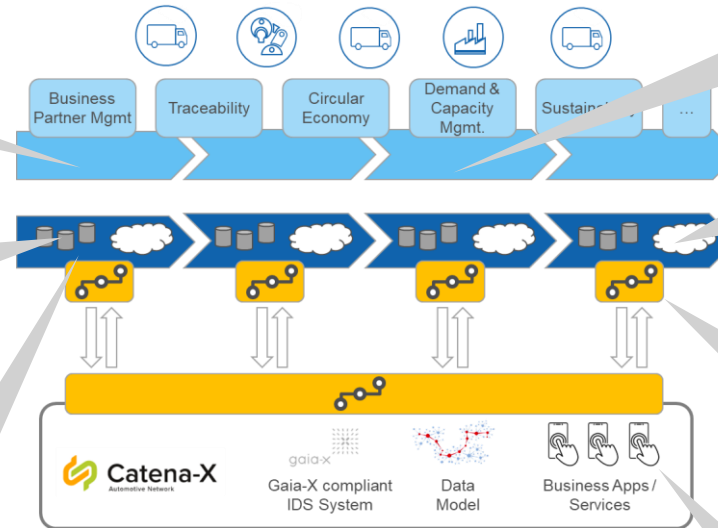
Catena-X Business Case: Assess business opportunities, new potential revenue streams, efficiency / savings potentials as well as costs from joining Catena-X network (one-off and recurring)

Examples for Technical-related topics: Design the integration roadmap to become part of the Catena-X network.

Implement **Digital Capabilities** to support physical supply chain / production processes / material flow by e.g. IIoT, digital twin, increase automation, ...

Data Driven Digital Manufacturing (D³M): Design production & supply chain processes along an optimized data flow that underlays the physical material flow; prepare own data model to become compliant with Catena-X data model

Catena-X Connector Integration: Implement Cloud Connector to Catena-X, semantic mapping of data structures and implement physical interfaces to systems, preferably using pre-defined integration tools



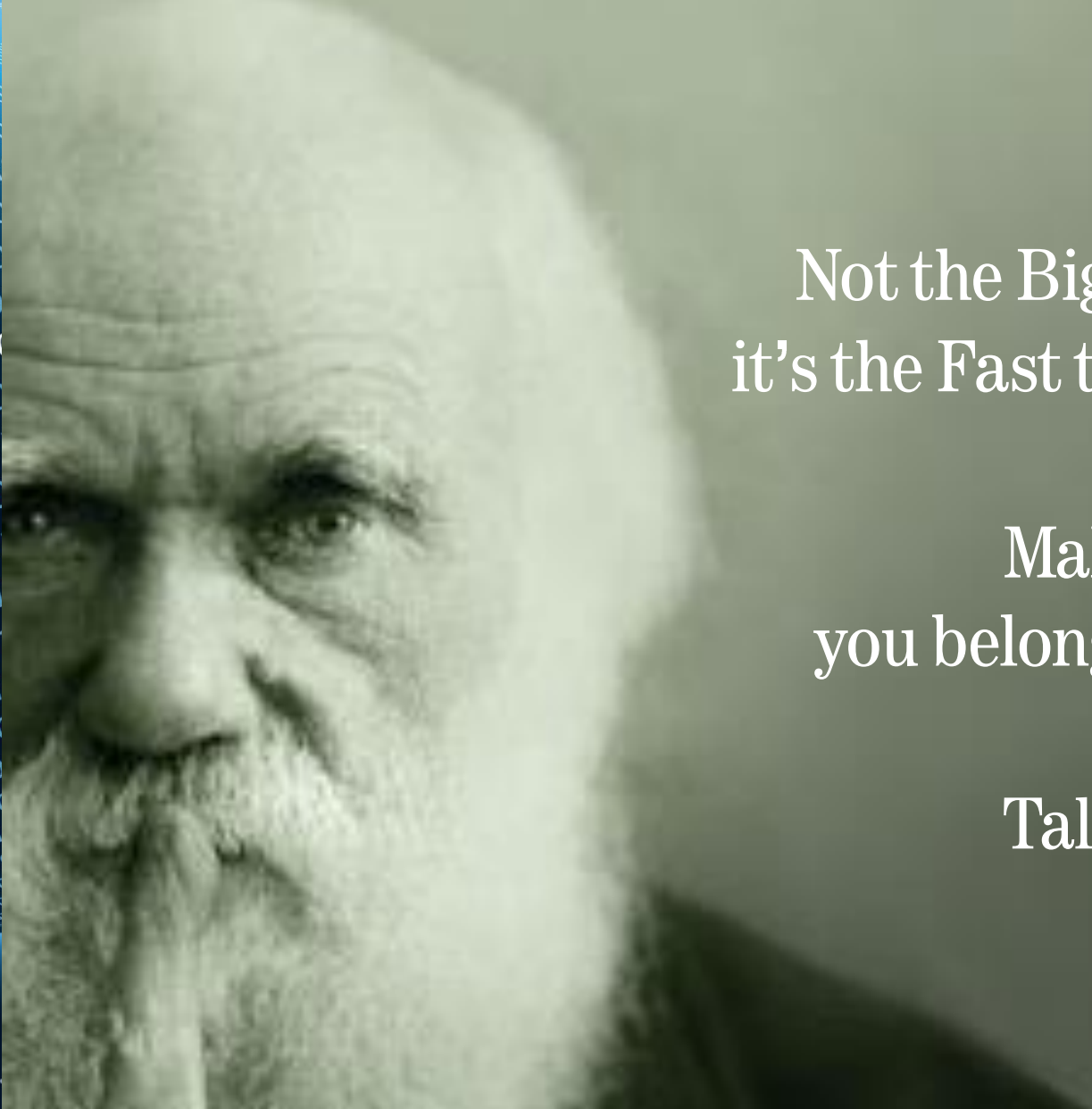
Modernize system landscape: Utilize the “event” of integration into Catena-X network to clean-up the legacy systems

Cloudfication: Utilize the integration into Catena-X network to (partially) move into the cloud, keeping sovereignty and security

Establish Operations: Setup processes and infrastructure to run the Catena-X Connector(s) and services

Develop Services / APPs: Act as App provider for the Catena-X network, share services to support Catena-X use cases and network

Digital Darwinism – Entering the Digital Supply Chain with Catena-X.



Not the Big eat the Small,
it's the Fast that eat the Slow!

Make sure
you belong to the Fast ...

Talk to us!

Thank you.



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