

Catena-X

THE FIRST OPEN AND COLLABORATIVE DATA ECOSYSTEM

Introduction to Catena-X Demand & Capacity Management

Catena-X French hub Sept 23rd 2026

Agenda

01

Demand & Capacity Management (DCM) Overview / Use case scope

02

What is the change ?

03

How to implement the Use Case ?

04

Q&A

05

Summary / Key Take Aways / Next Steps

Presenters

Stefania Lanfranchini

Member DCM Expert Group, Catena-X e.V.

BASF SE

Tel: +49 1520 9374893

Email: stefania.lanfranchini@basf.com

Pascal DEQUICK

Member DCM Expert Group, Catena-X e.V.

Renault SAS

Tel: +33 617 411 313

Email: pascal.dequick@renault.com

Confidential C

What is Catena-X DCM?

Catena-X DCM in a nutshell

DCM: **D**emand- and **C**apacity-**M**anagement.

Early and **joint identification of imbalances** in volatile and increasingly unpredictable times as an enabler for supply chain resilience.

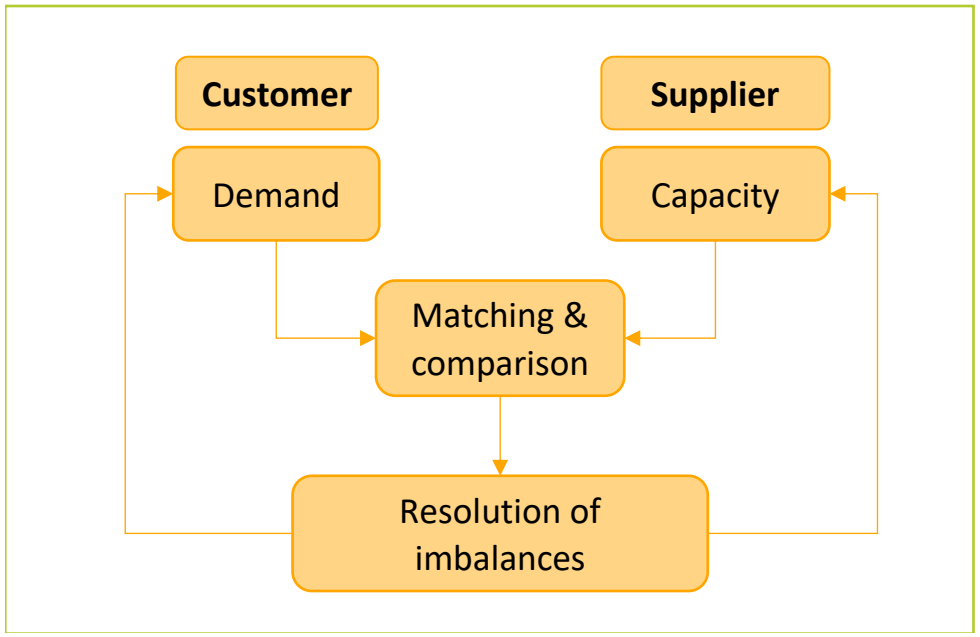


© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

Core principle and purpose of Catena-X DCM

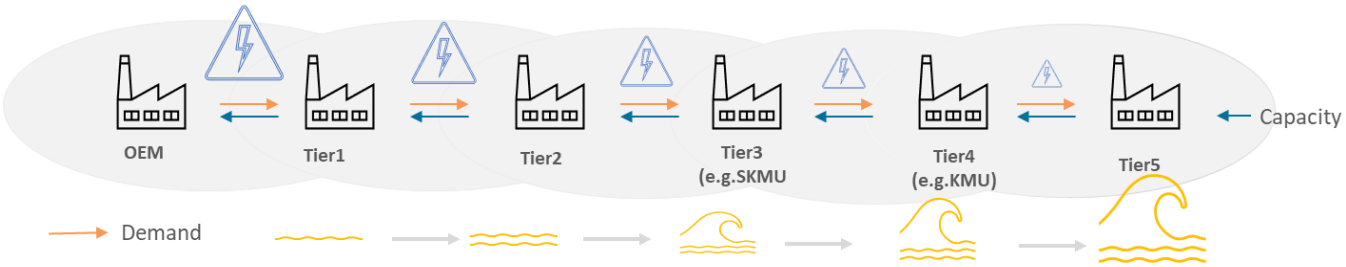
Collaboration at eye level



Purpose of DCM

Proactive and **joint identification of imbalances**
(bottlenecks/idle capacity)

Enabler for **supply chain resilience** in mid-/ long-term horizon.



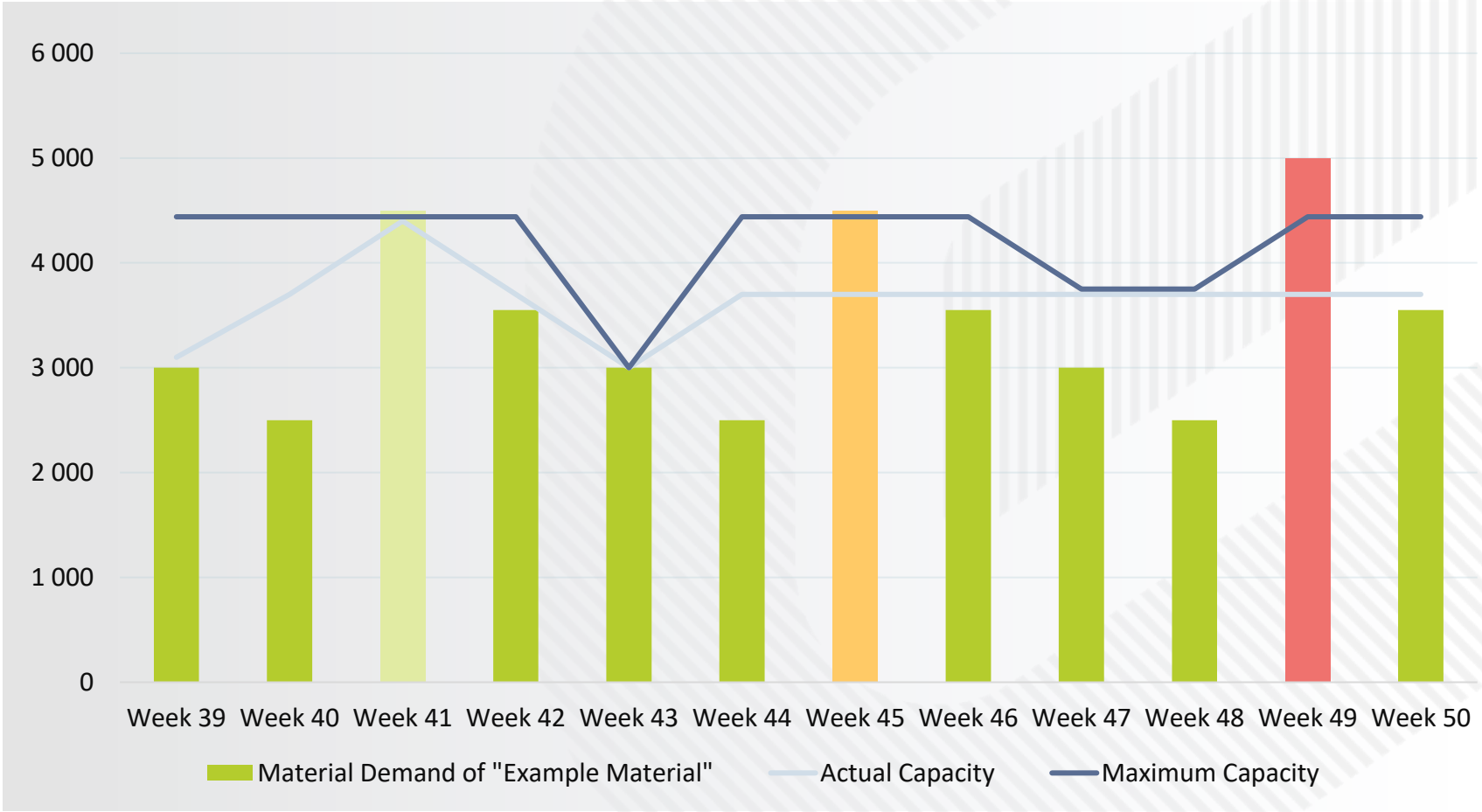
By enabling the supply network to **identify foreseeable imbalances as early as possible**
the overall **resilience gets strengthened** and the **pass-through of residual problems will be reduced**.

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

DCM explained in an exemplary visual

Capacity Group: Demand / Capacity Matching for Final Assembly of „Example Material“



Actual capacity: Planned, really available capacity of a supplier

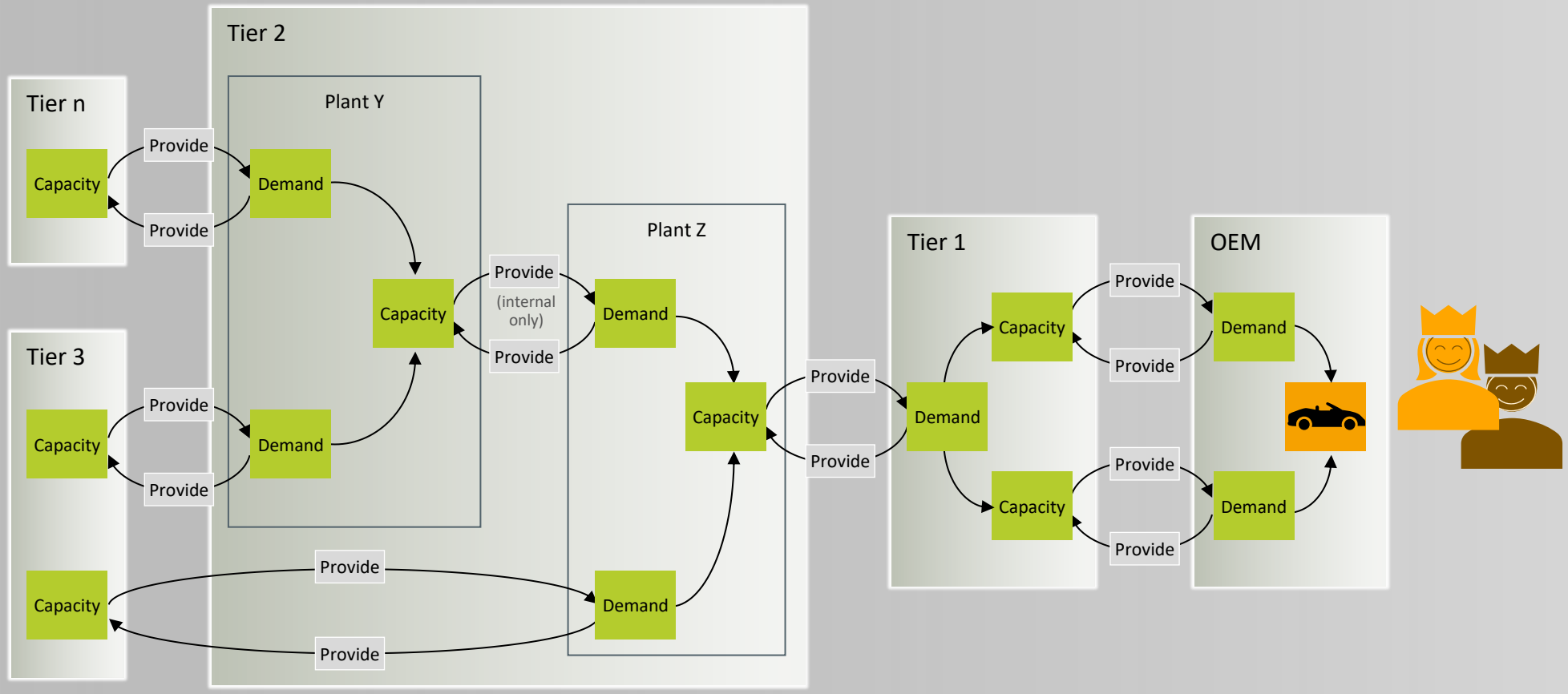
Maximum capacity: real maximum capacity of a supplier

The difference between actual capacity and maximum capacity is commonly understood as **flexible capacity**.

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

The flow of supply chain demand and capacity data is structured via capacity groups



© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

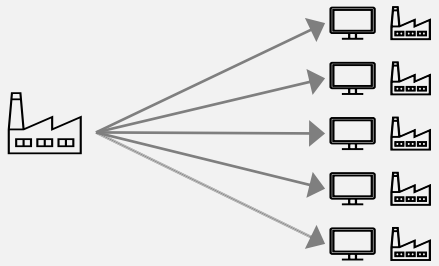
Confidential C

What is the change with Catena-X DCM?
What’s the status quo?

What does Catena-X DCM change?

TODAY without DCM

100 Customer = 100 Different Ways & Systems



No DCM

Tier-N



No Standards

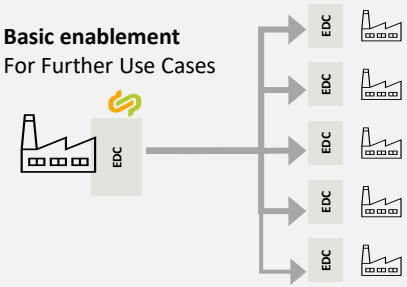
Individual connections

No up-to-date data

TOMORROW with Catena-X DCM

Standardized Data Models & Processes for ALL Partners

Basic enablement
For Further Use Cases



Standardized Data models

Interoperable Data exchange

Integration with backend

- **Data equally accessible to all direct business partners (one-up/one-down)**
- **Transparent and from many partners**
- **Transferable and interoperable with existing or new applications**
- **Standardized IT (API & Data Models) and business process**

Each time the DCM Standard gets in use between two partners value is being created for them and the rest of the network. The more it is in place in the network, the more the stress in the network gets reduced.

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

How to implement the Use Case ?

Status quo of Catena-X DCM

- 1 hardened **standard** (CX-0128) enabling **interoperability** and created by a multi-company team of Suppliers, Research Institutes, Software Companies, OEM
- 1 **KIT**: the Demand- and Capacity- Management KIT on Tractus-X
- Several **certified** commercial **Apps ready to choose and use**
- 1 **certified OEM** (own App) … others in progress
- Further refinement in the **DCM Expert Group** steered by Catena-X e.V.

✔ **Every prerequisite needed to use Catena-X DCM is given.**
🚀 **Catena-X is ready to use in scale.**

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

Want to learn more?

The **DCM KIT** aims to

*“**k**eep **i**t **t**ogether”*:

- Vision & Mission
- Onboarding Guide
- Data Models
- even Test-Data
- Glossary
- Q&A

DCM Provider Pitch

DCM in the Marketplace

DCM KIT Onboarding Guide

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

What are the costs ?

What are the costs for implementing DCM?

Leveraging a **scalable** infrastructure enables cost **efficiencies** by sharing expenses across multiple use cases.

DCM specifics

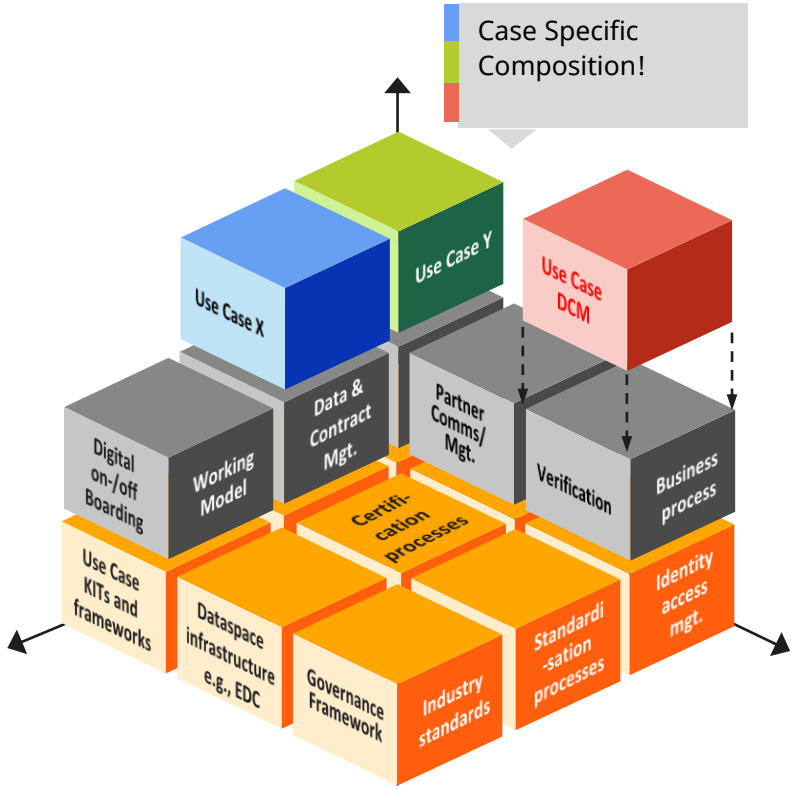
Internal or external App following Catena-X standard CX-0128, signed DTA (Data Transfer Agreement - optional)

Company specific enablement

Internal enablement through use case agnostic tools and processes (e.g. prepare for data exchange, internal change management)

CX Industry Foundation

CX-certified solution portfolio with business apps/services and development KITs



Elimination of reduntant processes

Individual Supplier/ Customer interfaces avoided

Support strategic decision (e.g. **make or buy)**

© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Confidential C

What to take home after this quick talk?

The ***flexible fulfillment of end-customer wishes*** is the overarching goal!

The supply **network** (suppliers **+** OEM) is there for a core purpose:
To deliver great products to end-customers!

- Implementing **standardized Catena-X DCM** all over the network is a critical **success factor** for a **resilient supply network**.
- **Proactive Imbalances Detection:** Enables **early identification** of **bottlenecks/idle capacities** to **minimize the impact** for the rest of **the network.**
- **Reduces bullwhip-effect, troubleshooting** and **overstock** costs, **improves customer-supplier relation** (B2B **+** B2C)
- **See the value with vision in mind: several customers, and even suppliers**



© 2026 Catena-X or a Catena-X affiliate company. All rights reserved.

Any questions ?