PCF-EXCHANGE

How to exchange Product Carbon Footprint or PCF data in Catena-X

PLEASE NOTICE:
It is important to work with **supplier-specific PCF data** to reflect the characteristics of a product-specific supply chain.

The OEM identifies the need for a CO2 footprint.

First, the **OEM** checks for the PCF data in their **internal database** and in **Catena-X**.

- If the PCF data cannot be found, the OEM asks their supplier via **PCF Request** using a **PCF Exchange App.**

The **supplier** receives the **PCF Request** in their **PCF Exchange App**.

- To process the request, the supplier starts by checking in their **internal database** if the requested PCF data is already **available**.

- If this is not the case, the supplier needs to **collect all relevant data** to **calculate** the PCF **internally**.

- When the supplier has successfully calculated their PCF, they can deliver it to their customer (OEM) via **PCF Response** using their **PCF Exchange App**.

Through the **PCF Response**, the OEM is **notified** that the data is available. The **PCF Exchange App** can be used to access the data on the digital twin of the part.

- Once the OEM has checked the PCF data, they can use it for their own calculations and share the results with their own customers.

PLEASE NOTICE:
Catena-X applies a **minimum usage policy** for use and construction of data chains between companies that are in a direct supply relationship. **Horizontal data exchange** at the same tier level is **not permitted**. In accordance with the **one-up, one-down principle**, direct data exchange only takes place **vertically** between participants who have a direct supplier or customer relationship with each other.

REMEMBER THAT…

- Catena X is a trustworthy, collaborative, open and secure data platform and therefore guarantees safety, privacy, and neutrality of all uploaded PCF data.

- data sovereignty in Catena-X is very important and therefore there is no free accessible data. All uploaded PCF data is only available upon request.

RELEVANT LINKS:

Learn more about data sovereignty in Catena-X by watching the Youtube video "Catena-X - An Overview of Data Sovreignty".

Learn more about the calculation process in our video "PCF Calculation".

Learn more about the apps in Catena-X in our video "Apps and Marketplace".