



## Q&A of the Catena-X PCF Pitch Session

April 07<sup>th</sup> 2025

### **1. When will verification functions be available in all the mentioned PCF tools?**

The adaptation of the data exchange standard is planned for release 25.09 and is scheduled for September, while Saturn Release will go live within the ecosystem in October. We can only provide a statement regarding the publication of the standards, not the exact timeline for when verification functions will be implemented across all mentioned PCF tools. We anticipate that APP providers will align their tools with the standards once they are released, but the timing is ultimately up to each provider.

### **2. How will the use of the same secondary database be ensured across the network?**

In the Catena-X network, when primary data isn't available, the goal is to use standardized, trusted secondary data from an association-approved source. This ensures that the PCF data chain remains complete, consistent, and credible even during the ramp-up phase by filling gaps with compatible and certified secondary values provided or validated by Catena-X.

### **3. Do you get an aggregated PCF value or do you get the breakdown by Tier or life cycle steps?**

Currently you get an aggregated PCF value. A breakdown is not possible due to our concept of data sovereignty and data usage policies.

### **4. What are the expected benefits of Catena-X tools compared to IMDS tools?**

Catena-X is built on open standards rather than a centralized database, which means PCF data can be easily exchanged between partners in the value chain without the risk of a central point of failure. Catena-X enables end-to-end PCF calculation through primary, verified data from upstream suppliers rather than relying on averages or generic emission factors. Only with primary data can you identify your decarbonization potential, and only if your PCF calculation is based on reliable primary data, can you be better than the average. The infrastructure used by Catena-X scales across multiple use cases, offering significant savings across use cases requiring multi-tier capabilities.

### **5. To my understanding, all certified PCF solutions focus on PCF data sharing, not PCF calculation following the PCF Rulebook, correct?**

Yes, the shown APPs focus on PCF exchange. An APP for PCF calculation has recently been certified. Up to now, it is not yet on the Cofinity-X Marketplace. To be neutral as an association, we kindly ask you to search for it – it is by SAP.

### **6. What is the difference between the PCF methodology and the related ISO standards?**



The PCF rulebook is compliant with ISO 14067 but specifies some rules for the purpose of conducting LCAs in the automotive supply chain.

**7. EU Battery Regulation requires the economic operator to collect primary data from the supply chain. Will Catena-X's approach of 1 up, 1 down work?**

We are currently investigating the implementation of Article 7 of the battery regulation and how to deal with those specific requirements.

**8. How is the Catena-X Rulebook for PCF calculations aligned with legal obligations for obliged companies?**

The PCF rulebook deals with calculation rules for Product Carbon Footprints where no binding legal requirements exist at the moment.

**9. How do you want to ensure the same database and dataset usage for comparability (long way until Tier-N primary data)?**

We have a secondary data working group where we deal with those issues.

**10. What compels companies to share data on Catena-X? What is the cost to do so?**

Companies are compelled to share data on Catena-X due to their public commitments to the Paris Agreement, SBTi targets, and Net Zero goals, which require reliable and transparent carbon footprint tracking across the entire multi-tier supply chain, including SMEs. These treaty-based commitments drive the need for accurate PCF data collection, management, and exchange to support decarbonization efforts, identify emission sources, set meaningful reduction targets, and respond to customer and regulatory demands. Catena-X offers a standardized, interoperable solution that enables this at scale across industries.

For costs and pricing, check:

<https://www.cofinity-x.com/price-info>

<https://www.cofinity-x.com/pricing-calculator>

**11. How do you plan alignment of Product Category Rules with Catena-X?**

There's currently a project investigating this topic in Catena-X. Stay tuned for updates or join the association to contribute.

**12. How many Tier-N / resource-depleting suppliers are currently included?**

We measure the amount of overall data space users twice every year. At the beginning of 2025, 100 Data Space Users were active on the Catena-X Data Space.

**13. How do you appoint the corresponding verification body to verify the PCF results / methodology applied?**

The PCF Methodology and Verification Expert Group has created an appointment process that we are evaluating and will implement soon in the association. Once implemented, it will be published and communicated. Stay tuned.



**14. Will the PACIFIC PCF tool be attached to IMDS?**

IMDS and Catena-X are using the same data model, so all Catena-X certified apps will work in the near future also with IMDS.

**15. Are there solutions for suppliers / sub-suppliers not yet ready to exchange data via EDC?**

The EDC is a central component of the Catena-X data space ensuring data sovereignty by all participants. Without an EDC, data exchange is not possible on the Catena-X Data Space. If a company does not wish to operate an EDC itself, there are various providers in our ecosystem that offer 'EDC as a Service'. These providers are listed on the marketplace at Cofinity-X.

**16. Do OEMs accept if we share PCF over SiGreen without Catena-X?**

The Catena-X Association cannot speak on behalf of individual OEM requirements. However, any activities using the Catena-X brand without being fully compliant with the Catena-X governance and operational framework will be sanctioned.

**17. What is the name of SAP's PCF exchange module?**

SDX – Sustainability Data Exchange.

**18. To effectively utilize these PCF calculation tools, a thorough understanding of the internal PCF calculation processes and accurate data input are required.**

The calculation rules are described in the PCF Rulebook:

<https://catena-x.net/association/standardization/>

Only if you understand your processes are you able to optimize your PCF and contribute to decarbonization.

**19. Can you give some explanation about Cofinity-X too?**

Cofinity-X is the first operating company for the Catena-X dataspace and offers essential infrastructure services like the marketplace, registration, and digital identity services:

<https://www.cofinity-x.com>

**20. Have system verifications according to Catena-X already been successfully completed? If so how was primary data usage handled? Could you share experience?**

All PCF data exchange tools shown in the pitch session were certified by a CAB (conformity assessment body). Please check the recording of the session where the apps are shown in action regarding handling of data requests.

**21. Will there be a secondary database offered by Catena-X?**

Please refer to the answer to question Nr. 2.

**22. Are the signals of changes in PCF sent automatically to the customers or is it pull based (PACIFIC tool)?**

PCF use case foresees updates for previously requested PCFs. PACIFIC has



implemented this already for BASF products, which are shared with their customers. No pull request is needed.

### **23. What specific data beyond PCF will be requested?**

According to ISO 14067, in addition to the total PCF, the following separate emission values shall be reported:

1. Net fossil GHG emissions and removals
2. Net biogenic GHG emissions and removals other than biogenic CO<sub>2</sub> (if applicable)
3. Net biogenic GHG emissions and removals including biogenic CO<sub>2</sub> (if applicable and optional during transition period)
4. GHG emissions and removals from land use and direct land use change (if applicable)
5. GHG emissions resulting from aircraft transportation (if applicable)

Also, additional data fields in the data model.

### **24. Do our partners need a Verified Digital Identity from Cofinity-X and to pay the associated costs to collect data from them on Catena-X?**

To consume or provide data, every Catena-X participant needs a digital identity in the dataspace (trust concept). Costs of registration can be found on the Cofinity-X website.

### **25. Is there any plan to capture PCF data reported by suppliers in IMDS?**

There are no active plans by Catena-X in this regard.

### **26. When will there be a session to present the PCF calculation solutions?**

Our pipeline for Catena-X certified PCF calculation solutions is full and we will host a pitch session as soon as the current pipeline has been fully certified.

### **27. Does Catena-X certification involve PCF software calculation method? If so, what standard was it based on?**

Yes, all Catena-X certified PCF calculation tools are based on the Catena-X PCF Rulebook. The Rulebook is compliant with ISO standard 14067, see also answer to question 6.

### **28. Is it possible to only use data exchange apps and calculate PCF independently?**

Yes, data exchange apps can be used independently from certified PCF calculation engines. For example, SAP has two distinct certified products: Sustainability Data Exchange and Sustainability Footprint Management.

### **29. Would the PCF result via Catena-X Certified PCF calculation software require separate verification via Catena-X verification body?**

It would not per se require a separate PCF verification, and the individual PCF dataset is



not automatically verified (or in any way assessed) through the PCF Program Certification. Individual verification results in the highest level of trust there is – based on the individual value.

**30. One use case and multiple apps – could it be the case that depending on the OEM, different solutions shall be implemented for the same value?**

Catena-X's approach is to provide standards that allow different application providers to build solutions based on these standards for a particular use case. Within one use case, those applications are interoperable. For example, PCF data exchange: The data model is standardized for all applications that exchange PCF data.

**31. Where can we find the recording of the seminar?**

Everything will be provided after the questions are answered.

**32. Which template is used at T-Systems to provide PCF data?**

Connect&Integrate Tool from T-Systems is a multi-use case application targeting small, medium, and large enterprises. Specifically designed for small companies without a large IT department, we provide a simple way to provide their data. We have defined the CSV Excel format for data provision, meaning that data providers need to export their data to this CSV format as a file, which can be read via Connect&Integrate. There is no need for any database backend integration. For companies looking to integrate their backend with Connect&Integrate, we also provide a simple API for this purpose.

**33. How shall data be uploaded? Do we only need to upload final PCF data, or must we purchase any platform module to access and enter data?**

Data will be provided (uploaded) via use case specific apps (available on the Cofinity-X marketplace).

**34. Will PCF still be needed if the EU cancels the Lieferkettengesetz?**

Yes, it will still be necessary. The main driver for PCF is the decarbonization commitment in the automotive industry.

**35. Is it still possible for the PCF method working group to accept contributions from third-party verification bodies?**

Working groups are open to all members of Catena-X and yes, new contributions are always welcome.

**36. How can these solutions integrate data from 3rd party data providers?**

This is app-specific. Please reach out to the App provider of your preference for this information.

**37. Is there just one Catena-X certified PCF calculation tool available? SAP, as mentioned?**

Yes, currently there is a SAP solution certified, but there are at least 5 more PCF calculation solutions in the certification pipeline.



**38. Is the technology still based on blockchain?**

No. The Catena-X network is based on decentralized data exchange between partners (without a central intermediary). We are using the standardized Data Space Protocol for this purpose, not a blockchain.

**39. Where does the secondary data from the TCPCM (SiGreen) come from for the PCF calculations?**

Siemens offers TCPCM data from Sustamize, but the application can also be connected to other data sources like ecoinvent or GaBi.

**40. Can you answer the first question specifically for PC and not in general?**

Please refer to the answer to question Nr. 11.

**41. How is it possible that one OEM is releasing an exception to the "1 up – 1 down" principle, which is core to Catena-X?**

"1 up – 1 down" is still the core principle of Catena-X data exchange. Please reach out to us with a specific example so we can answer your question more precisely.

**42. Is it mandatory to stay with BOMs to comply with Catena-X guidelines, given that some solutions relate to planning, others to digital twins?**

In the currently released standards (methodology and data exchange), everything refers to after SOP (Start of Production) BOM (Bill of Material). Other areas (e.g. before SOP) are still work in progress.

**43. How does (or will) Catena-X integrate with existing carbon accounting mechanisms, such as GHG Protocol rules and the software many companies use, like Watershed and Persefoni?**

The Catena-X rulebook is for product-level calculations, while the GHG Protocol mainly deals with corporate reporting. Therefore, there are currently no efforts underway to establish alignment.

**44. Do you have plans to integrate Catena-X with similar systems used in other sectors?**

We are already aligned with and have integrated PCF methodologies from other sectors. We started with the hotspots steel, aluminium, and plastics.

**45. Are you working with the WBCSD's PACT initiative or any similar projects?**

Yes, we have a weekly alignment meeting with WBCSD and Together for Sustainability (TfS).