

Expert Group Profile

Description of the Expert Group

Related Committee	Sustainability Committee
Name of the Expert Group	Digital Product Passport (DPP) Expert Group (2026)
Association Contact	Stan Faldin

Description / Challenge / Initial Situation:

The Catena-X community has already established key foundations for Digital Product Passports (DPPs). Two standards have been created: one focusing on Battery Passports (planned for release 26.06) with a current emphasis on economic operators, and another (CX-0134) addressing additional products regulated under the Ecodesign for Sustainable Products Regulation (ESPR) and End-of-Life Vehicles Regulation (ELVR). Both standards are driven by regulation.

In parallel, several supporting assets exist. A reference application (open source) was initially provided but has since been deprecated, while a new approach is being integrated into the Industry Core Hub outside the direct scope of the group. Furthermore, the group has contributed to the initial Data Trust & Security KIT, focusing on validation and verification, and is currently updating the EcoPass KIT, which describes DPPs in Catena-X, including explanations of the generic DPP content guidance as a DPP rulebook.

What is currently missing is a coherent and widely adoptable approach for supply-chain integration of DPP-relevant information. This includes defining how supply-chain partners provide inbound data into a DPP and how relevant DPP information is exchanged upstream. Additionally, downstream and usage scenarios (e.g. dismantlers using DPP data for material evaluation in the context of Circular Economy activities or OEMs using the information to create DPPs) are.

To close this gap, Catena-X re-initiates its DPP Expert group to focus on supply-chain data exchange for Digital Product Passports, ensuring consistency, clarity, and adoption across industries.

Goals:

The aim of the expert group is to enable effective and scalable supply-chain integration of DPPs by translating business requirements and capabilities into usage-level data standards and process descriptions.

The group focuses on how supply-chain members contribute, exchange, and consume DPP-relevant information, with a strong emphasis on upstream data provision and interoperability within the Catena-X ecosystem.

To achieve this, the expert group will pursue the following objectives:

- Define data models and content structures for the exchange of DPP-relevant information along the supply chain (inbound and outbound, primarily upstream).
- Create user-driven standards for upstream DPP data exchange
- Enhance adoption by updating and extending the EcoPass KIT and related documentation.
- Describe and visualize relevant supply-chain processes for DPP data creation, exchange, and consumption.
- Ensure consistency with related initiatives and expert groups (e.g. PCF, SSI, Interoperability).
- Support clarity and feasibility for supply-chain actors contributing data to DPPs.

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First Deliverables:

- **Catena-X Standard:**
Extension of the Catena-X DPP standard to enable scalable supply-chain integration, with a focus on Battery Pass data exchange. Defines DPP-relevant data models, content structures, and interoperable exchange mechanisms for upstream supply-chain data, aligned with related initiatives (e.g., PCF, SSI, Interoperability).
- **Aspect Models:**
Creation and extension of aspect models for DPP-relevant supply-chain data, especially for battery component suppliers. Ensures a consistent semantic basis for contributing, exchanging, and consuming DPP information across Catena-X participants.
- **Tractus-X KIT:**
Update of the EcoPass / DPP KIT including example payloads, onboarding guides and process descriptions to support efficient adoption of the extended standard and models.

Why should I participate?

- Actively shape how DPP related data is exchanged within the supply chain by considering evolving regulations like ESPR, ELVR, and the new Battery Regulation.
- If you or your company want to use a DPP to solve real business or compliance challenges and help shape the solution from the start
- Contribute your expertise to harmonized, cross-industry standards that reduce complexity and increase adoption.
- Collaborate with experienced DPP, data, and supply-chain experts within the Catena-X ecosystem.
- Influence how DPP data is defined, exchanged, and used in real industrial processes.

What is expected of me?

By applying to become a member, please make a statement on the following criteria to outline your best fit.

- Minimum availability of 10 hours per month (weekly meetings), more is a plus.
- Members should be committed to regular participation and contribution (working sessions and workshops).
- Hands-on mentality – taking lead, contribute and driving topics to expected results
- Expertise and Experience as DPP subject matter experts with focus on the supply chain
- Currently the group is looking for data modelling experts

Organisation and Selection Framework

The group selection framework and criteria are designed to identify members with the right mix of expertise, commitment, diversity, and experience to guide the technical evolution of the ecosystem. We are looking for approximately 15 core group members from organizations across the automotive industry, including OEMs and suppliers. In addition, providers of Digital Product Passport (DPP) solutions are welcome to apply through the dedicated SUS Solutions Interoperability Expert Group, which focuses specifically on solution interoperability.

We would like to offer optionally complementing our “core” group with a “review” group that provides feedback and functions as an extended expert base. If you cannot make the minimum regular time commitment for the core team, you are welcome to join the review team.

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The final composition as well as the final expert group lead will be defined after application period.

Rough planning - Milestones / Outcome / Deliverables (e.g. "Date & Activities & Outcome"):

February 2026: Announcement, Application Phase

March 2026: Finalization of Release 26.06 Deliverables (Battery Passport and KIT update)

June 2026: Support and finalization of Release 26.09 Deliverables

This group is a long-term group, with yearly or bi-yearly replacements.