



CIRPASS: Collaborative Initiative for a Standards-based Digital Product Passport for Stakeholder-Specific Sharing of Product Data for a Circular Economy

What is CIRPASS?

Funded by the European Commission under the Digital Europe Programme, **CIRPASS** is a collaborative initiative to prepare the ground for the gradual piloting and deployment of a standards-based **Digital Product Passport (DPP)** aligned with the requirements of the Proposal for Ecodesign for Sustainable Product Regulations (ESPR), **with an initial focus on the electronics, batteries, and textile sectors.**

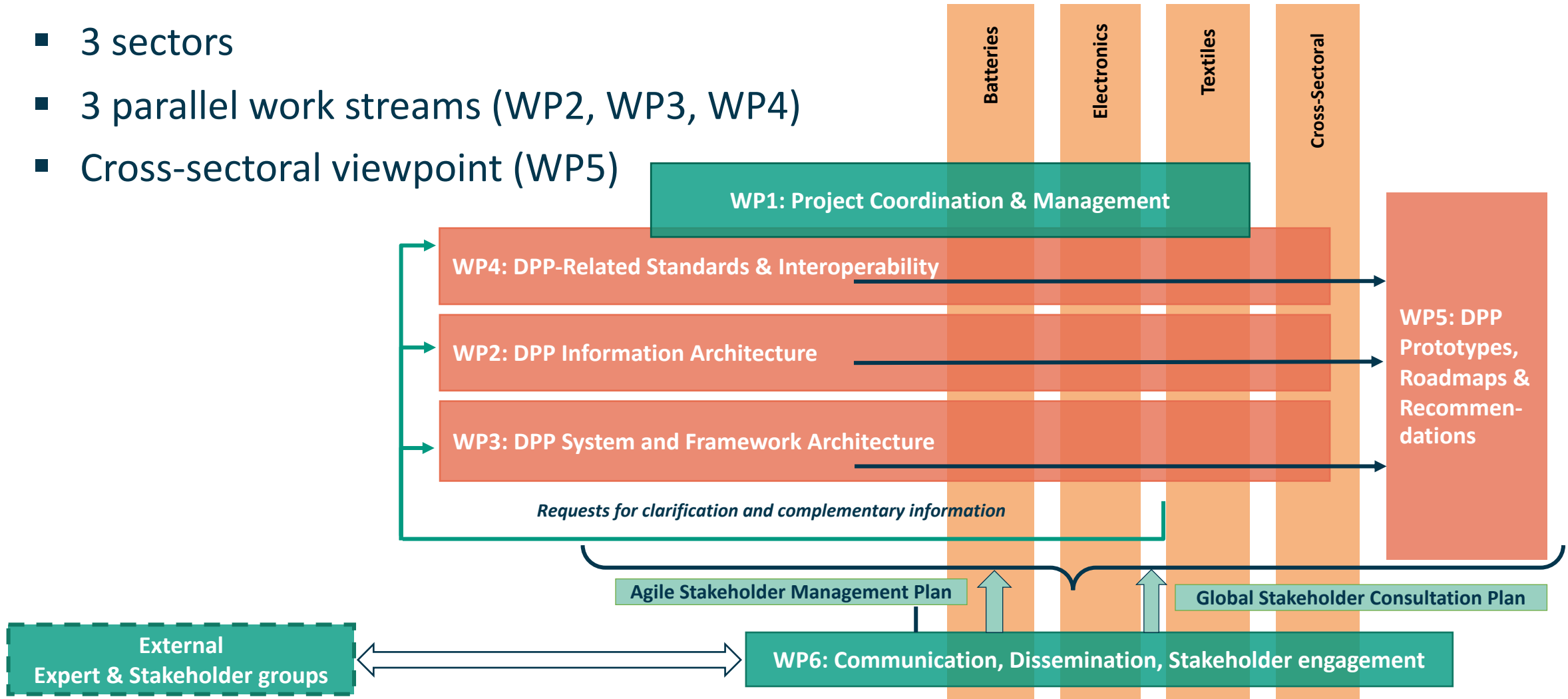
- **Duration:** 18 months (from Oct 2022)
- **Coordination and Support Action (CSA)**
- **Involvement of 31 partners** representing thousands of industrial, research, digital, and international, standards, organisations across Europe and beyond.

CIRPASS Main Objectives

- Create an inclusive forum to build a common understanding of a cross-sectoral DPP.
- Build **stakeholder consensus** on DPP prototypes in three sectors:
 - Batteries
 - Textiles
 - Electronics
- “By ‘Prototype’ is meant a simple description of a Digital Product Passport including agreements and suggestions on all aspects including: data, technical, semantic, organisational and legal.”

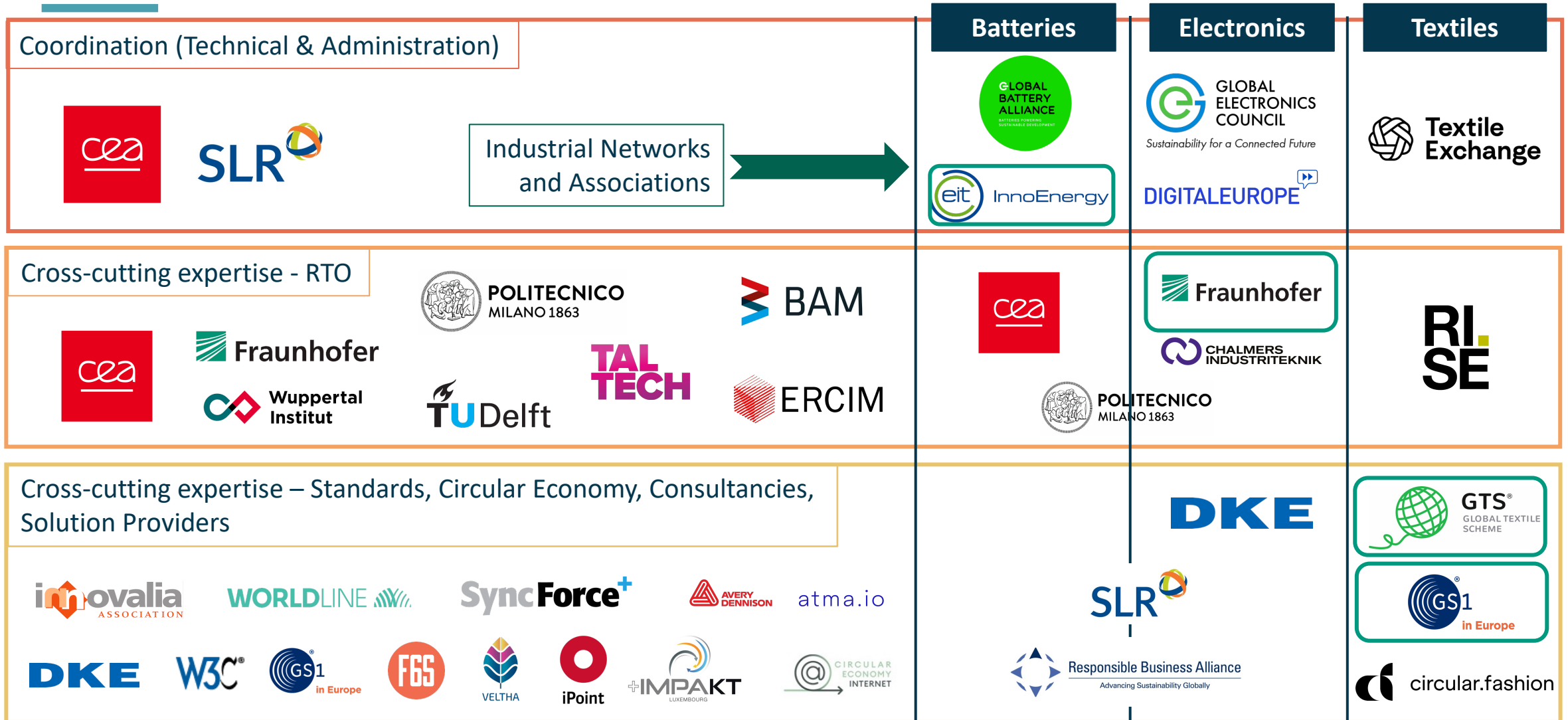
CIRPASS Work Streams

- 3 sectors
- 3 parallel work streams (WP2, WP3, WP4)
- Cross-sectoral viewpoint (WP5)



CIRPASS Consortium – 31 partners

 Sector Lead



Digital Product Passport in a Nutshell

A **Digital Product Passport (DPP)** is a structured collection of product related data with pre-defined scope and agreed data ownership and access rights conveyed through a unique identifier and that is accessible via electronic means through a data carrier. The intended scope of the DPP is information related to sustainability, circularity, value retention for re- use, remanufacturing, and recycling.



Digital Product Passport in a Nutshell

The DPP's goals are:

1. Enhancing sustainable production;
2. Extending product lifetimes, optimising product use, and providing new business opportunities to economic actors through circular value retention and extraction;
3. Supporting consumers in making sustainable choices;
4. Enabling the transition to the circular economy by boosting materials and energy efficiency; and
5. Supporting authorities to verify compliance. (European Commission).

Get Involved in CIRPASS

- **Visit our website >> <https://cirpassproject.eu/get-involved>**
 - Have your say on CRIPASS' results
 - Join CIRPASS' consultations and events
 - Join the CIRPASS Stakeholder Community

- **Be the first to know! Subscribe to our newsletter**
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Thank you!

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