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

## Coordination (Technical & Administration)
- CEA
- SLR

## Industrial Networks and Associations

## Batteries
- Global Battery Alliance

## Electronics
- EIT InnoEnergy
- Digitaleurope

## Textiles
- Textile Exchange

## Cross-cutting expertise - RTO
- CEA
- Fraunhofer
- Politecnico Milano 1863
- BAM
- TUDelft
- ERCIM
- Chalmers IndustriTeknik
- Rise

## Cross-cutting expertise – Standards, Circular Economy, Consultancies, Solution Providers
- Inovalia
- Worldline
- SyncForce+
- TUM
- IMPAKT
- VELTHA
- iPoint
- GTS® Global Textile Scheme
- GS1 in Europe
- Responsible Business Alliance
- circular.fashion

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*Funded by the European Union*
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.
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](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
  - [https://cirpassproject.eu/#newsletter](https://cirpassproject.eu/#newsletter)
Thank you!

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