

# PCDS Ecosystem Task Force

Industry sector: **Industrials** | Sub-industry: Research & Consulting Services

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## Introduction

The Product Circularity Data Sheet (PCDS) is a standardized digital fingerprint for sharing trusted data on the circularity characteristics of products across supply chains. The PCDS has been developed by the Ministry of Economy of Luxembourg and +ImpaKT, in collaboration with more than 50 international organizations.

The PCDS aims to save significant costs to manufacturers and their suppliers by providing a standardized approach to share product circularity information to their customers. It consists of an open-source data format from which standardized statements can be extracted and used by other stakeholders and platforms across the supply chain.

In parallel, an international norm is being developed under the ISO Technical Committee 323 (ISO 59040 - <https://www.iso.org/standard/82339.html>), which will provide a guidance framework for the PCDS and requirements on data exchange and minimum content. The work at ISO is led by Luxembourg and China.

## Meetings

- [EFWG 2021-10-07 Meeting](#) - Presentation of the PCDS Ecosystem Task Force
- [2021-12-01 | PCDS Task Force - Workshop 1](#)
- [2021-12-15 | PCDS Task Force - Workshop 2](#)

## Mission

The mission of the PCDS Task Force is:

1. Describe the IT system to support the PCDS
  - a. Governance Framework (with an NGO)
  - b. IT Architecture based on a decentralized system
  - c. Business Model
2. Put those above together in a Big Picture diagram

## Related Documents

- [Background presentation](#) at the GS1 Industry and Standards Event in September 2021
- PCDS Data Template [https://pcds.lu/wp-content/uploads/2020/11/20200214\\_Light\\_PCDS\\_v3.2s\\_FORM.pdf](https://pcds.lu/wp-content/uploads/2020/11/20200214_Light_PCDS_v3.2s_FORM.pdf)
- Example of a Product Circularity Data Sheet completed by ArcelorMittal : [PCDS\\_v3.2\\_ArcelorMittal\\_Promisol\\_iQ.pdf](#)
- A draft document of the business requirements [https://progrou1-my.sharepoint.com/:w:/g/personal/twautelet\\_positiveimpakt\\_eu/EZt6h8djKNtNkQsyuOnCmUQBPDqTKbkdhdtAnfRjJCbPFg?e=egx56q](https://progrou1-my.sharepoint.com/:w:/g/personal/twautelet_positiveimpakt_eu/EZt6h8djKNtNkQsyuOnCmUQBPDqTKbkdhdtAnfRjJCbPFg?e=egx56q)
- List of questions to be addressed during the workshops [https://progrou1-my.sharepoint.com/:w:/g/personal/twautelet\\_positiveimpakt\\_eu/Efv7pTgNyiFCvbGRYIJFdcYByww8mG2y1uY4Xp0VF96uA?e=lqChDC](https://progrou1-my.sharepoint.com/:w:/g/personal/twautelet_positiveimpakt_eu/Efv7pTgNyiFCvbGRYIJFdcYByww8mG2y1uY4Xp0VF96uA?e=lqChDC)

## Deliverables and timeline

### Main deliverables:

1. An adapted version of business requirements based on feedback
2. Big Picture diagram & description of the 3 elements (Governance Model, IT architecture, business model)

### Timeline

- December 1, 2021 - Workshop 1
- December 15, 2021 - Workshop 2

## Members and how to join

Prior to participating in the meetings please ensure that you are a member of the Trust Over IP Foundation. Contributor-level membership is available to anyone at no cost. Details can be found at [this link](#).

To join this TF, add your name to this list

Name	Role	Organization
Henrik Magyar		Astron S.A.

Eric Drury		ForthCo.io

**References & Links**

- <https://pcds.lu/>