

The Product Circularity Data Sheet Is Released to Thousands of Users Internationally Through Cobuilder Platform

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. Today, the PCDS is being made available internationally to thousands of users through Cobuilder, a leading provider of data management solutions for the construction industry.

This collaboration is a major step to improve data management across the international construction industry, relying on the implementation of relevant ISO and CEN standards. This represents the first among many collaborations to propagate the PCDS across all the sectors.

What is the Product Circularity Data Sheet (PCDS)?

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. It is open to everybody and complements rather than competes with circular economy platforms.

The collaboration with Cobuilder

The solution [Cobuilder Define](#) manages data models for construction objects. While the PCDS model provides standardized and reliable characteristics (data) on product circularity, the solution Define facilitates data exchange across stakeholders of the construction sector through the use of “common language”. The unison between a trusted, industry-approved data model and the software to share it results in increased efficiency and reduced project costs thanks to improved access to circular characteristics of products.

“Cobuilder is delighted to integrate the digital fingerprint and make it available to the users through Cobuilder Define and we hope that other software providers will integrate the PCDS as part of their solutions,” says **Roland Dominici, General and Commercial Director of Cobuilder France**. “We are not in competition over the adoption of standards, in fact we encourage and welcome others. The adoption of a common digital language is a key factor to accelerate circular economy.”

“The need for basic circularity data on products has always been the driver behind this project” says **Christian Tock, Deputy Director General Industry, New Technologies, and Research at the Ministry**. “There are many proprietary circular economy indicators out there and they are growing by the day. The problem is that everybody is speaking in a slightly different language and that proves to be very costly for

the whole system. Luxembourg aims to solve that challenge by providing digital circular economy leadership. We'd like to emphasize that this is an important contribution for the overall ecosystem."

"We are happy to have delivered a proof of concept when the Ministry mandated us to develop this universal circularity fingerprint for products," says **+ImpaKT General Director Jeannot Schroeder**, "We are inviting all users of products in a circular economy to test this open-source tool with us."

About the PCDS initiative

The Product Circularity Data Sheet (PCDS) aims to save costs across the supply chain by improving circular economy data-sharing efficiencies, while protecting the integrity of data in an open format available to all platforms without proprietary fee-based software. Development started in 2018 when the Ministry of the Economy of Luxembourg asked the consultancy [+ImpaKT](#) to create and pilot a practical tool, in cooperation with Luxembourg's ISO-accredited agency ILNAS and multinational manufacturing companies & platforms. The ultimate objective is an official standardized format that aligns with ISO, CEN or other standards, and the interim objective is a de facto industry standard. Learn more about the PCDS: <https://pcds.lu/>

About +ImpaKT

[+ImpaKT](#) is recognized as the leading expert in circular economy in Luxembourg and contributed to key national strategic projects. The company was mandated by the Ministry of the Economy of Luxembourg to develop an international standardized mechanism to enable an efficient and secure exchange of product circularity information along the value chain. Between 2018 and 2020, +ImpaKT developed and tested a proof of concept of the Product Circularity Data Sheet (PCDS) with a group of more than 50 international organizations. Learn more about +ImpaKT: <http://positiveimpakt.eu/en/pcds/>

About Cobuilder

[Cobuilder](#), a world leader in data management solutions for the built environment, is actively involved in the development of the CEN/TC 442 standards, related to Building Information Modelling (BIM), in ISO standards and BuildingsSMART. In particular, Cobuilder Define offers a standard-based data management solution which helps organizations to create and maintain Data Templates according to the new standards [ISO 23386](#) and [ISO 23387](#). In that context, +ImpaKT and Cobuilder have worked together on the creation of the PCDS Data Template according to the ISO standards and to pilot it with manufacturers in the construction sector. Learn more about Cobuilder Define: <https://cobuilder.com/en/cobuilder-define-construction-actors/>

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