

Circular Economy

Documentation

Sustainability

Data Source

Green Deal

Construction

Environment



The Platform for the

# Digital Product Passport

Providing a comprehensive data source for all sustainability information about products and materials - also in the construction sector.

The Digital Product Passport

## Digital, transparent and Sustainable

The Digital Product Passport is the key digital tool of the European circular economy, designed to ensure that products are transparent, comparable and sustainable throughout their entire life cycle.

It brings together structured information on material, origin, carbon footprint, reparability, recyclability and legal requirements or compliance. The Digital Product Passport enables the secure exchange of product and sustainability data throughout the entire value chain.

According to JTC24, the system is designed to be open, SME-friendly, vendor-neutral and „as easy to deploy and use as a website“. The DPP is designed for interoperability and ensures that information is available in both human-readable and machine-readable formats. These are decentralised data endpoints, which will be introduced from 2027 for almost all product sectors. Access to the DPP is via a unique identifier that can be read from a data carrier regardless of the device (QR code, barcode, NFC, etc.).

The Digital Product Passport

## Data Source for All Situations

The Digital Product Passport is a valuable documentation tool in the construction industry; linked to the digital building model, it serves as a key data source for many processes throughout a building's entire life cycle, thereby delivering both economic and environmental benefits. Across the value chain, the DPP enhances transparency regarding the manufacture and status of a product for consumers and public authorities.

The Digital Product Passport is a key element of the European circular economy and helps to implement the necessary measures to ensure greater sustainability. It will be available at all times in a decentralised, easily accessible, permanent, free-of-charge and barrier-free manner, and will be technology-neutral for every person, every piece of software and every application, without any legal or technical obstacles.

The Digital Product Passport

## Protection Objectives

The introduction of the DPP is intended to pursue both economic and environmental objectives. The European economy is to remain competitive, but not at the expense of the environment and resources. European

environmental legislation pursues the following environmental and economic protection objectives:

1. Improving environmental protection and the circular economy
2. Reduced dependence on raw material-supplying countries

3. Market fairness

Promoting Sustainability

## More Than Just Software

The Digital Product Passport, which complies with the CEN/CENELEC JTC24 standards, is an important, cost-effective tool for the European Green Deal. However, whilst this tool documents sustainability, it does not

bring it about. It therefore takes more than just a software to implement the DPP correctly.

Highlighting and Involving Experts at an Early Stage

## expert network freeDPP

Over the next few years, a network of sustainability experts will be established, with a focus on knowledge-sharing and community building. The network will connect female experts with businesses, thereby fostering greater visibility and collaboration. The network and its experts will advise and support companies in efficiently meeting current and future legal requirements and in implementing the DPP in a way that

complies with the law whilst keeping things as straightforward as possible. The freeDPP software is not the starting point for the consultancy; rather, it is introduced during the course of the process as a suitable solution for implementing the requirements identified during the consultancy.

The Digital Product Passport

## Easy Implementation

To make it easier for you to implement the Digital Product Passport, we offer: freeDPP, an open-source implementation suitable for SMEs, and dppServer, a hosted application designed for professional use on a larger scale. This allows you to host your DPP publication

on a reliable, managed yet cost-effective platform in Austria data centres.

Both solutions enable the structured capture, management and provision of product data in accordance with current standards.

### freeDPP

Publish Digital Product Passports free of charge using the freely available open-source implementation from Austria. Suitable for SMEs, with a creative Commons licence.

Free of charge

Enquire now!

### dppServer

Outsource the operation of your Digital Product Passport platform to inndata's hosted service. Guaranteed to comply with the GDPR and the AI Act in our data centres in Innsbruck.

From €75,00  
(Per month)

Enquire now!

### Industrial Data Pool

The Industrial Data Pool integrates data clearing, classification and the provision of the DPP specifically to meet the requirements of the construction sector

From €48,00  
(Per month)

Enquire now!

inndata Datentechnik GmbH

## We Connect Digital Processes in Construction.

Inndata Datentechnik GmbH provides databases, tools and data centre services for all digital processes across the construction industry's value chain.

Based on the digital building model ('BIM'), all planning, tendering, costing and procurement processes, as well as building documentation right through to maintenance services across the building lifecycle, are significantly streamlined using inndata's systems and services.

[www.inndata.at](http://www.inndata.at) | [www.freedpp.eu](http://www.freedpp.eu)

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