

Digital Product Passport Register

Analysis based on the European Commission's draft of 29 April 2026



Key message: The draft describes a **central EU register** as a secure registration and verification layer for digital product passports; **the passport data** itself remains largely decentralised, held by **economic operators or service providers**, and is made **interoperable via APIs, identifiers and semantic specifications**.



1. Purpose of the register

- EU-wide register for digital product passports
- Secure storage of unique registration identifiers
- Support for market surveillance, customs and record-keeping
- Construction products are explicitly covered by the scope



2. Technical architecture

- Secure web interface and API interfaces
- Verification platform for registered stakeholders
- Unique registration ID
- Semantic repository for data models
- Logging system for logging and traceability
- Integration of DPP service-providers



3. Roles and access

- Registration by verified economic operators
- Verified access available to other actors in the value chain
- Member States appoint national administrators
- The Commission operates the register and sets out the key framework conditions



4. Data and processes

- Registration at model, batch or item level
- Automatic checking of mandatory data and semantic consistency
- Versioning, timestamping and proof of registration
- Defined retention periods, usually 10 years
- High standards of IT security, traceability and availability



5. Role of the IBU

- With EPD Online, IBU has proven experience in handling structured environmental and product data
- As a recognised expert partner, IBU can contribute to the implementation of the DPP in the construction products sector
- EPD data provide a robust basis for key sustainability information in the DPP
- Key areas of focus: data quality, interoperability, reliability and sector-specific implementation



Conclusion:

The draft highlights the importance of reliable, structured and interoperable product data – a key area of expertise for IBU.

