



Digital Product Passport

European standards for DPP

Thursday, 9 october 2025

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Welcome



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From legislation to standardisation

EU Regulation:

Eco-design for Sustainable Product Regulation
(ESPR)

Standardization Request

- Request to CEN/CENELEC to develop standards
- From EC in July 2024, deadline 31 December 2025

Establishment of CEN-CLC JTC 24:

Joint Technical Committee to develop European standards on the framework and system for DPP

ESPR requirements

- Information accessible for actors in the chain (e.g. producers, authorities, consumers)
 - Repairability & recyclability
 - Percentage recycled materials
 - Guide for repairs
 - CO2 information
- Products regulated through delegated acts
- Minimum technical requirements of DPP regulated through ESPR
 - Unique identifier and registry
 - Central webportal for digital productpassports

Mandate from EC to CEN/CLC

- Stipulates essential requirements for DPP infrastructure
 - Uniform passports
 - Interoperability and scalability
 - No vendor lock-in for identification
 - Decentralised datasystem
 - Technology neutral
 - Use existing standards where possible

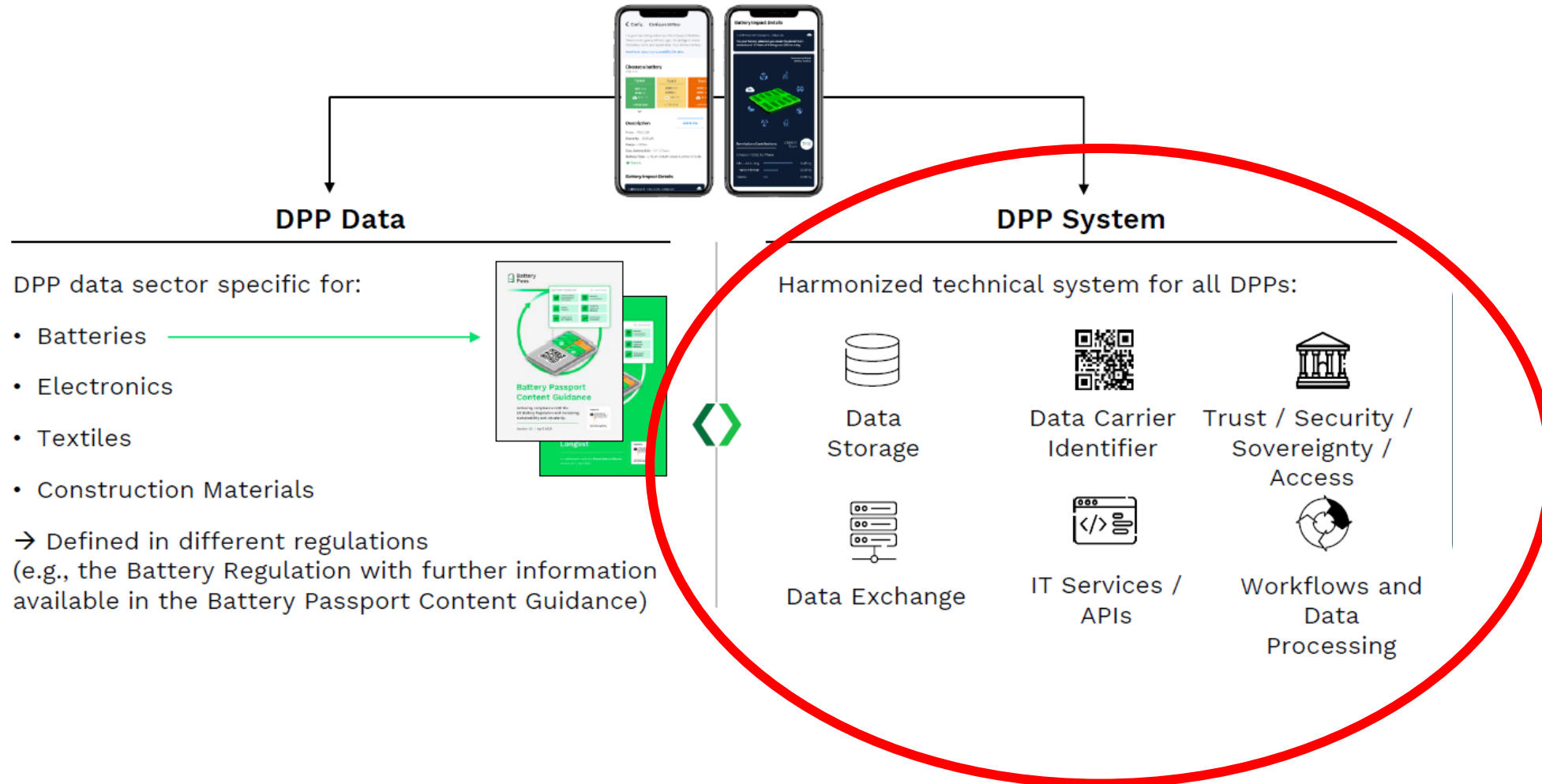
Requested standards

ANNEX I

List of European standards to be drafted and deadlines for their adoption as referred to in Article 1

Reference information		Deadline for the adoption by the ESOs
1.	European harmonised standard(s) on unique identifiers	31 March 2026
2.	European harmonised standard(s) on data carriers and links between physical product and digital representation	31 March 2026
3.	European harmonised standard(s) on access rights management, information, system security, and business confidentiality	31 March 2026
4.	European harmonised standard(s) on interoperability (technical, semantic, organisation)	31 March 2026
5.	European harmonised standard(s) on data processing, data exchange protocols and data formats	31 March 2026
6.	European harmonised standard(s) on data storage, archiving, and data persistence	31 March 2026
7.	European harmonised standard(s) on data authentication, reliability, integrity	31 March 2026
8.	European harmonised standards on Application Programming Interfaces (APIs) for the product passport lifecycle management and searchability	31 March 2026

Scope CEN-CENELEC JTC24

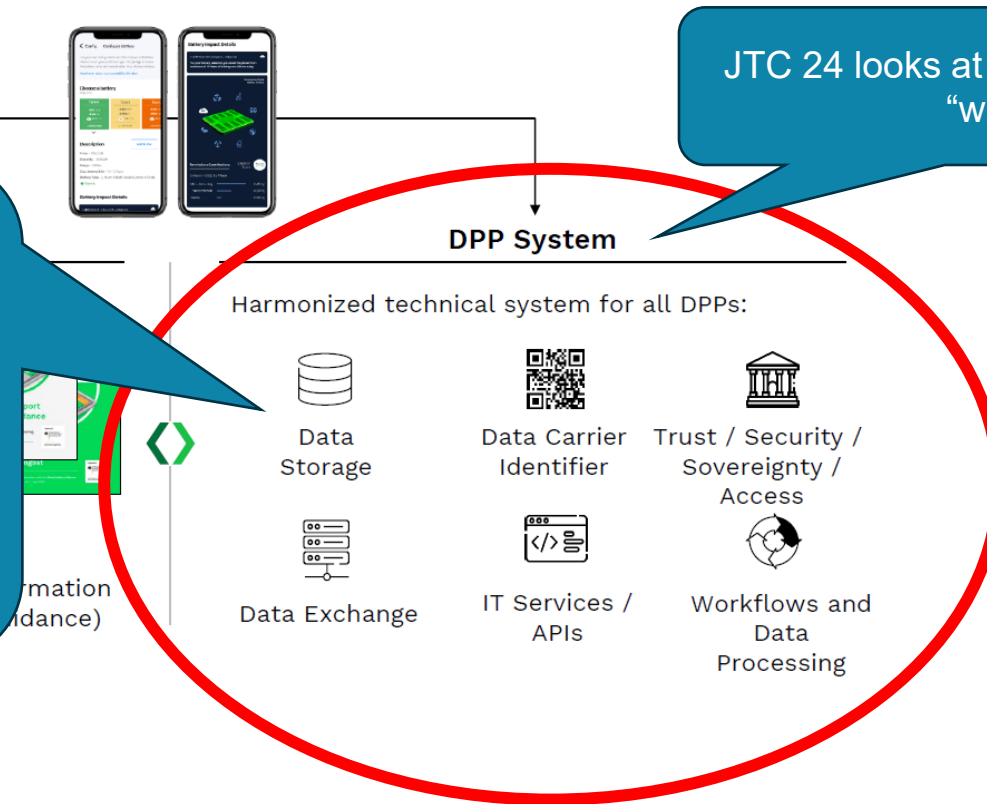


Structure CEN-CENELEC JTC24

Standardization in working groups under JTC 24

- WG 1 – Strategic Advisory Group
- WG 2 – Unique identifiers and data carriers
- WG 3 – Security
- WG 4 – Interoperability framework

JTC 24 looks at the “how” not the “what”



> What is a standard?

Voluntary agreement between parties regarding a product, service or process. Standards contribute to the compatibility, safety and sustainability of products, processes and services.

There are many standardization organisations, but DPP standards that provide consumption of conformity are developed by CEN/CENELEC

> Formal standardization

Standards are developed according to a formal process, which is laid down in Regulation 1025/2012, including national voting rounds. This formal process is facilitated by NEN in the Netherlands.

NEN brings parties together to make agreements and lay them down in formal standards. It supports the process with knowledge about the formal process and coordinates within national standardization committees.

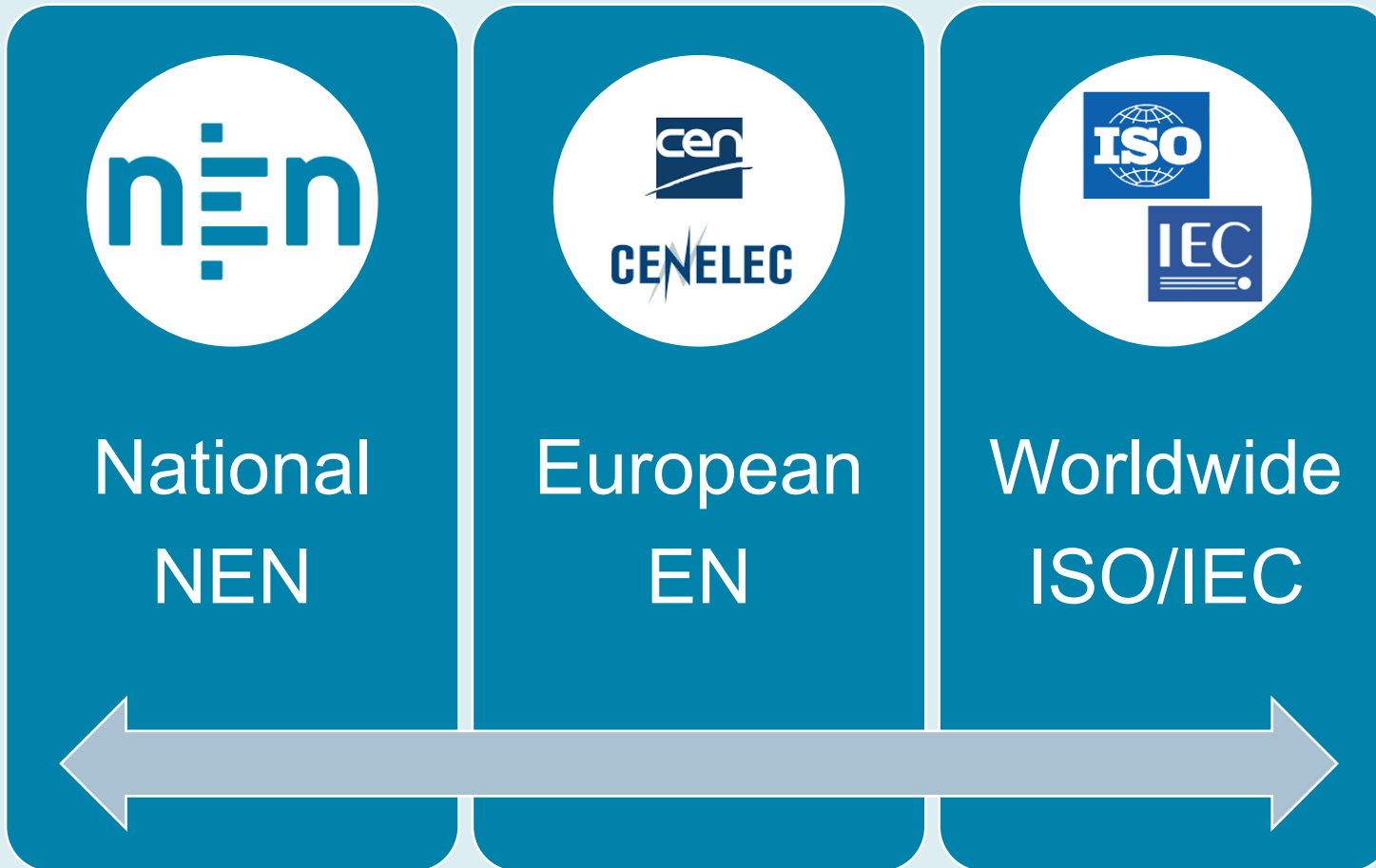
> Formal standards

- International market – standards play an important role
- In Europe, standards play a role in offering an adherence-guideline to European rules and regulations ('new approach')
- EU legislation focusses on the 'essential requirements'; technical details are provided through (self-regulated) European standardization

> Harmonised standards

- > European standards ('EN')
- > At the request of the European Commission with a view to the application of EU harmonized legislation ("standardization request")
- > Confer a "presumption of conformity with the law"
- > Harmonised standards have a stronger role than regular standards

Formal standardization



1. All parties concerned
 2. Consensus
 3. Transparent
- Each member state has a (weighted) vote
 - Formal process with votes and commenting periods

Proces voor ontwikkeling Europese normen

Documents available as draft, comments are being reviewed in JTC24



Thank you

More information? Watch the recording of our [DPP-webinar](#) or contact me



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**De waarde
van normen**