



Digital Product Passport

EU standards delivering guidance

Thursday 24 september

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From legislation to standardization

EU Regulation:

Eco-design for Sustainable Product Regulation
(ESPR)

Standardization Request

- Request from EC to CEN/CENELEC to develop standards

Establishment of CEN-CLC JTC 24:

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

JTC 24 Standards

- EN 18219 – Unique identifiers
- EN 18220 – Data Carriers
- EN 18223 – System interoperability
- EN 18216 – Data exchange protocols
- EN 18221 – Data storage, archiving, and data persistence
- EN 18222 – Application Programming Interfaces (APIs) for the product passport lifecycle management and searchability
- EN 18239 – Data Security and Access Rights Management
- EN 18246 – Data Authentication

International context

Formal standardization with NEN, CEN and ISO

Netherlands:

Standards committee DPP



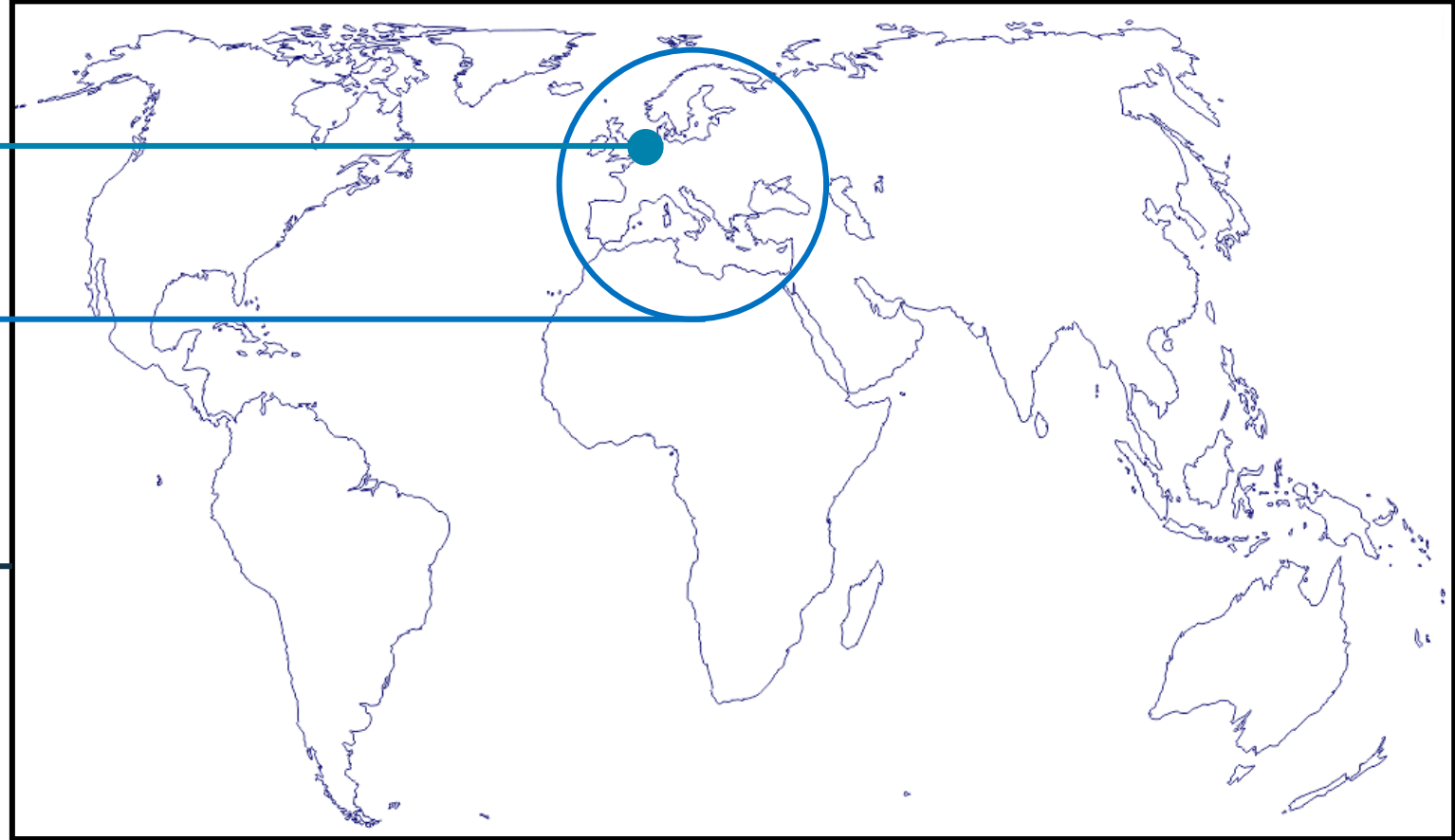
Europe:

CEN/CLC JTC 24



Worldwide:

ISO/IEC JTC 5



> Formal standards

- Voluntary agreement between parties
- Support compatibility, security or environmental goals
- Follow a set process with voting rounds
- Country based voting
- Transparency, consensus, all parties concerned

EN and ISO standards are formal standards



> EU harmonised standards

- > European standards ('EN')
- > At the request of the European Commission with a view to the application of EU harmonized legislation ("standardization request")
- > Presumption of conformity with the law
- > Supports 'essential requirements' of corresponding legislation
- > Publication in Official Journal of the European Union (OJEU)

JTC 24 Standards



- Published and harmonised:
 - EN 18219 – Unique identifiers
 - EN 18220 – Data Carriers
 - EN 18223 – System interoperability
 - EN 18216 – Data exchange protocols
 - EN 18221 – Data storage, archiving, and data persistence
 - EN 18222 – Application Programming Interfaces (APIs) for the product passport lifecycle management and searchability
- Soon to be published and harmonised:
 - EN 18239 – Data Security and Access Rights Management
 - EN 18246 – Data Authentication
- Recently started working on a 9th standard: Dictionary Referencing

Contact



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