What is the CPR?



EU Regulatory framework Default approach – harmonised zone Ecodesign for Sustainable Products Regulation

11111

CPR

Level(s

- Ecodesign for Sustainable Products Regulation Setting performance and information requirements for products placed on the Single Market

- Construction Products Regulation Delivery of environmental information from construction products and implementation of requirements

Level(s) methodology

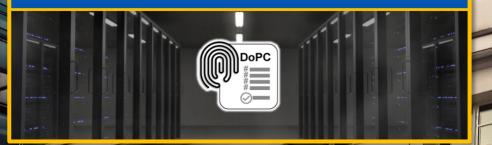
Sustainability assessment of buildings

Taxonomy

Sustainable activities EPBD Sustainable buildings EED Public procurement of buildings

European Commissio

Digital Product Passport



What is the CPR?

Single market for construction products

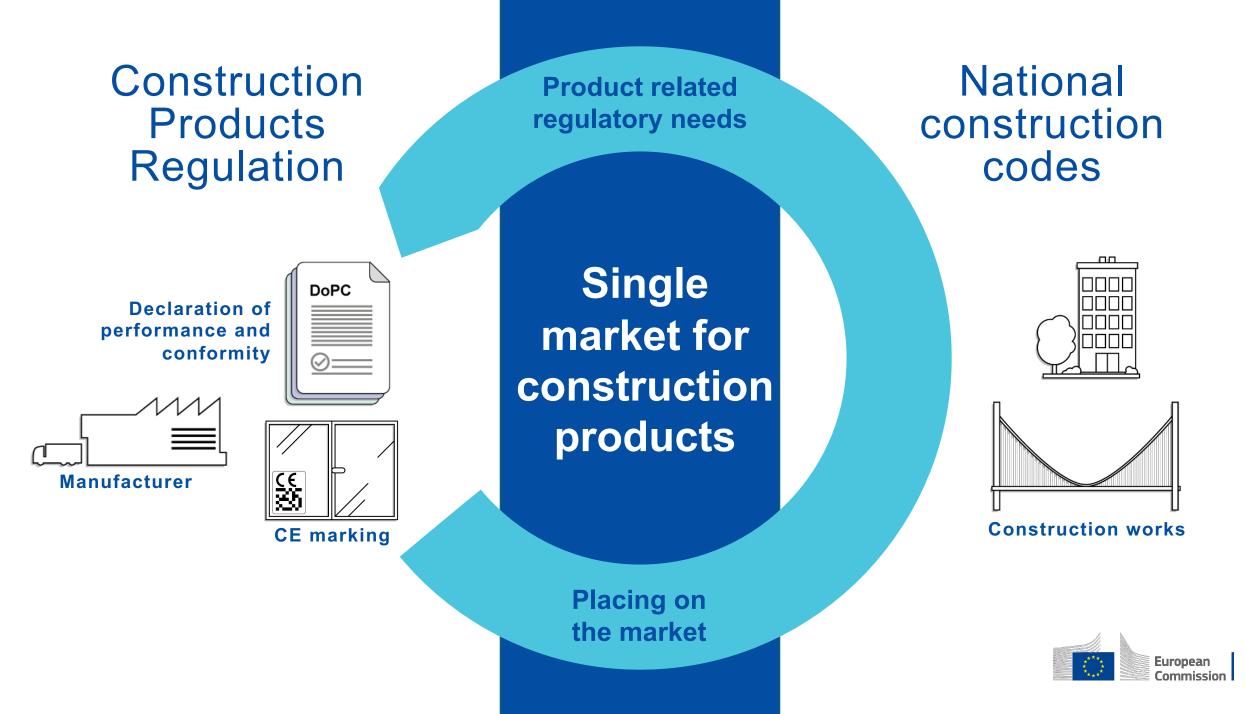


What is the CPR?

Harmonised rules for the marketing of construction products

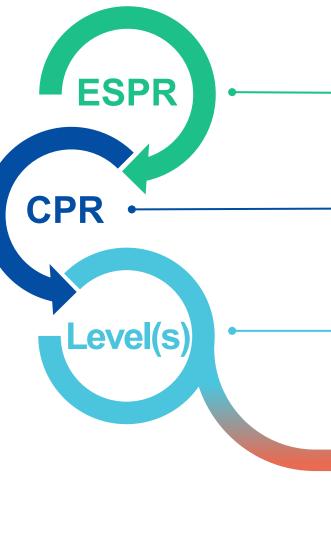
- Single market
- Free movement of products (CE marking)
- Common technical language: functionality, safety and environment
- Digital Product Passport
- National Building Codes
- Construction works







EU Regulatory framework



Default approach – harmonised zone

Ecodesign for Sustainable Products Regulation Setting performance and information requirements for products placed on the Single Market

Construction Products Regulation

Delivery of environmental information from construction products and implementation of requirements

Level(s) methodology

Sustainability assessment of buildings

Taxonomy

Sustainable activities

EPBD

Sustainable buildings

EED





ESPR

Level(s)

Energy related products – ESPR only

Ecodesign for Sustainable Products Regulation Setting performance and information requirements for products placed on the Single Market

Level(s) methodology Sustainability assessment of buildings

Taxonomy

Sustainable activities

EPBD

Sustainable buildings

EED



EU Regulatory framework

CPR

Level(s)

Other products – harmonised zone

Construction Products Regulation

Delivery of environmental information from construction products and implementation of requirements

Level(s) methodology

Sustainability assessment of buildings

Taxonomy

Sustainable activities

EPBD

Sustainable buildings

EED



EU Regulatory framework

.evel(s)

Other products – non-harmonised zone

Substantiation and communication of explicit environmental claims (Green Claims Directive) Environmental Product Declarations Delivery of environmental information from construction

products and implementation of requirements

Level(s) methodology

Sustainability assessment of buildings

Taxonomy

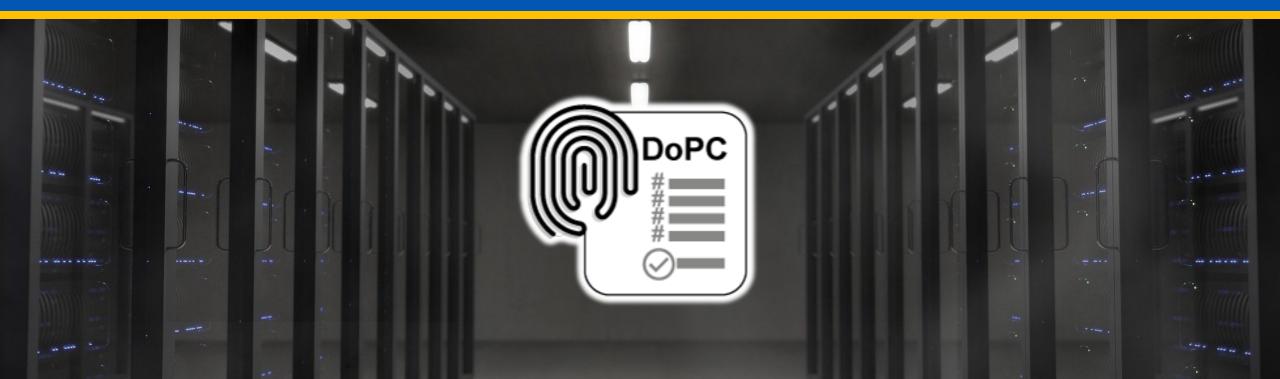
Sustainable activities

Sustainable buildings

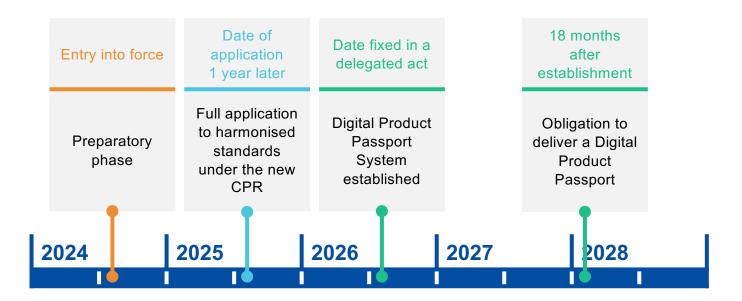
EED



Digital Product Passport



Digitalisation

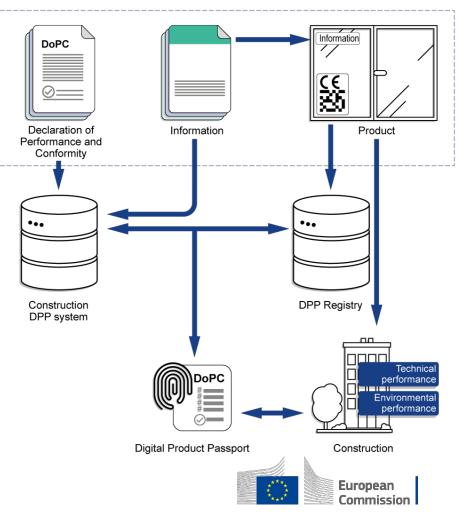


Information

based on open standards	structured
machine-readable	searchable
developed with an interoperable format	transferable through an open interoperable data exchange network without vender lock-in



Manufacturer



DPP content



Declaration of performance and conformity



General product information, instructions for use and safety information



Technical documentation



Documentation required under other Union law



Label (when applicable) Unique product identifier dpp:GTIN:**3234567890126**

Unique operator identifier

dpp:VAT:**AT U14589505**

Unique facility identifier

dpp:ISO3166-2:**BE**



Data carriers



DPP System Feasibility Study for construction products

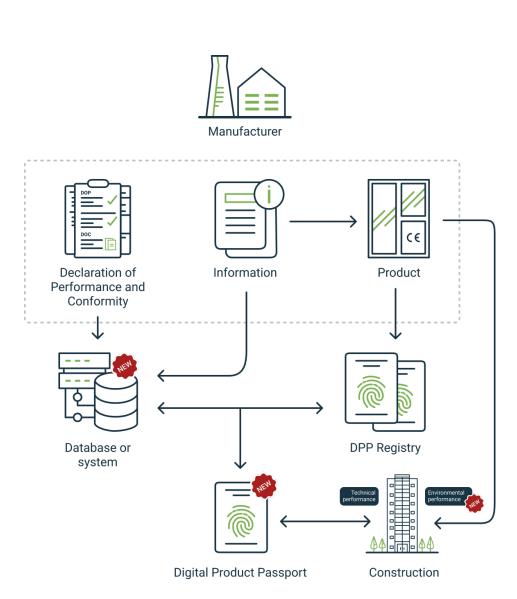
The primary goal of the feasibility study is to deliver an extensive assessment of different solutions for setting up a database or system storing information regarding construction products.

The outcome of this study should address several key aspects:

Should the database be centralised or decentralised?
Should the information be registered before or after the product is placed on the market?
How can interoperability between the future DPP registry according to ESPR be achieved?
How can alignment between this database and BIM be achieved?

→ prevent economic operators, especially SMEs, from being overwhelmed with too many databases and requirements

DPP System Feasibility Study for construction products





About the Study

By stight mem from the Directions Commission, a concention of devicence is its environments would be engaged in a Directify and a cleaned or every of homodation for contact EU devices for executive products. Such a california is environment in the onglang review of the Censtraction Products Regulation entering.

The CPR database will be an instrumental platform for stream ining data on existraction a veloci other along and ing manufactures and important to share easier all information in a standardized within iterations to all out to solve to evil (the interaction of included data).

Amain pool for the projection to or save that the database and the information constraint to sign as closely as possible with the Bigdial Product Principation (DPP) initiative a coording to the boothing for Bigdial and Products Registerion (DPP) and Bidding Information Modeling (DP). Hence, the Bidding the dig to and and conservation restrict and the construction of the same.



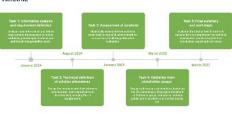
The next collations will be set to enable mean factorizer to store product information in a combined "Deplacement of Parliamentary" (DeP) and "Deplacements" (DeP) and an environment of defined in the program for a new COPR, Additionally, they are induced approximate details of the left of the control of the store of the definition of the definition of the store of the definition of the definition of the store of the definition of the definit

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Another expected benefit from setting up work with its balance to the optimum to support and improve market name through with this second to be examined as a support of the set of the key database for the proposed measurements of the GPR.



Timeline



Legal framework: Revised Construction Product regulation (CPR) <€ □□ □¥ pdf + registration in CPR the CPR database Construction **Declaration of Essential characteristics** object (window) Performance + EN 14351-1 -External fire performance Windows and doors -EPD data product standard, + EN 13501-5 performance Declaration of characteristics Conformity Airborne sound insulation **DPP** register **CPR** database

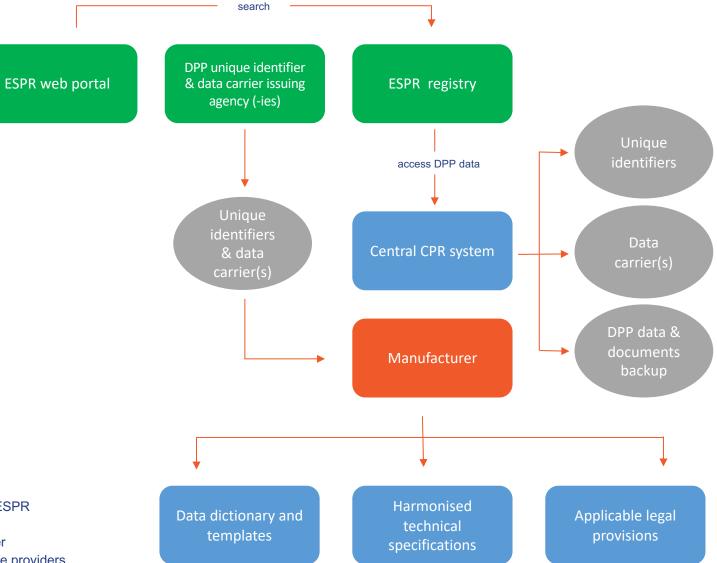
Annex ZA

EN 14351-1 Total solar energy transmittance EN ISO 52022-3 ╘╺ Global warming potential EN 15804

Information requirements

+ Informatio+ n requirements DoP DoC **Declaration of** Info Performance Links to the CPR documents

DPP System and data setup options - 1



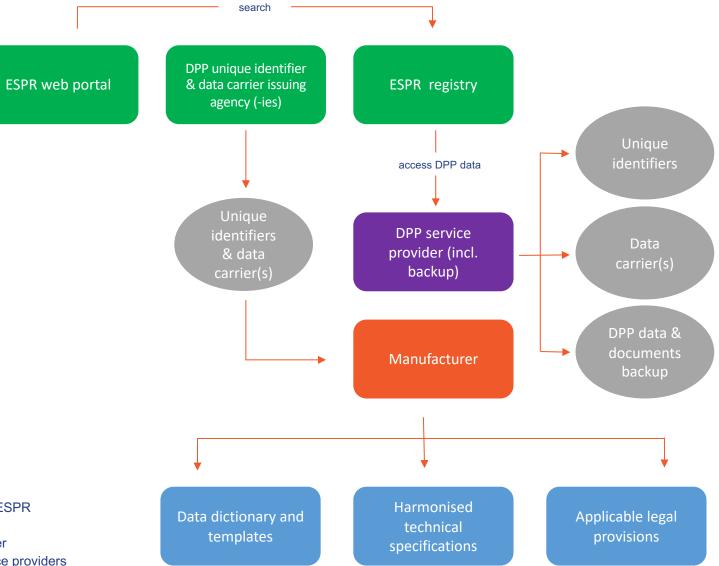
Color legend:

Green means owned/within the scope of ESPR

- Blue means owned by the Commission
- Orange means owned by the Manufacturer
- Purple means owned by third-party Service providers

Gray means DPP components

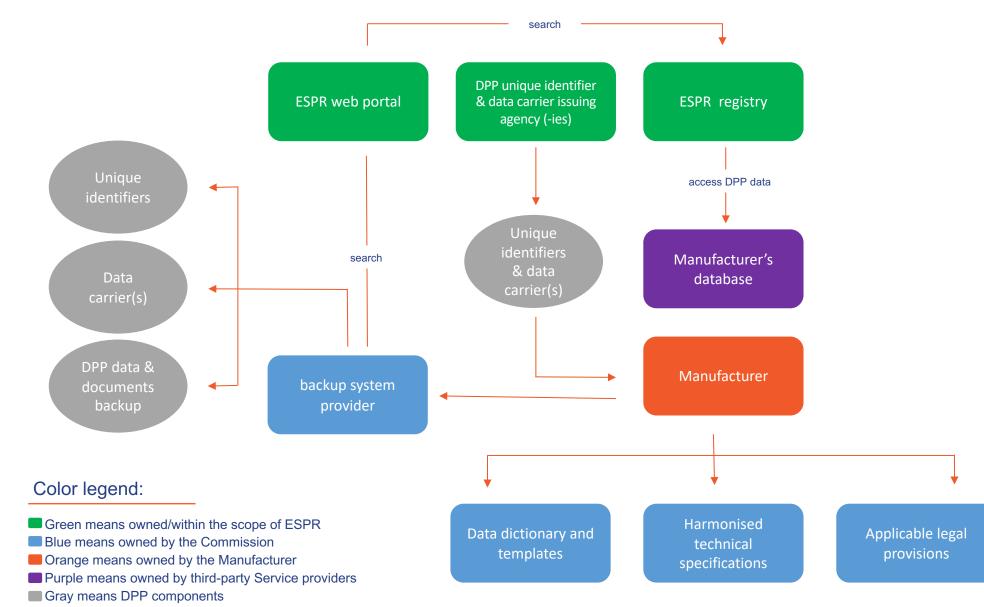
DPP System and data setup options - 2



Color legend:

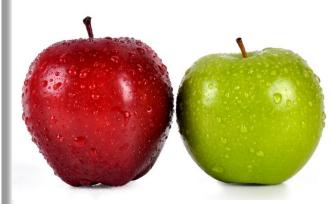
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- Gray means DPP components

DPP System and data setup options - 3



The Construction Products Regulation (CPR) have an ontology/ taxonomy in place to ensure comparison of mandatory data.. A **Data Dictionary**

(93) To improve machine readability, it is necessary to establish a common data dictionary based on European standards, a tool to govern and publish the data structure and their meaningful definitions and descriptions for all relevant construction products. For each product family or category, the data dictionary should include all the essential characteristics and other properties as set out in the harmonised technical specifications as well as other information required by this Regulation. A data dictionary harmonised at the Union level allows for the classification and use of structured definitions by both competent national authorities and in the further digitalisation of the construction sector, in particular in Building Information Modelling, building logbooks, digital passports and registries.



CPR priorities

Fire

Dangerous substances

Environmental sustainability

2021	1	Precast concrete products
2021	2	Structural metallic products
2022	3	Reinforcing prestressing steel
2022	4	Doors, windows and shutters
2023	5	Cement
2023	6	Thermal insulating products
	7	Structural timber products
	8	Concrete, mortar and grout
	9	Masonry
	10	Aggregates
	11	Fixed firefighting equipment
	12	Road construction products

	13	Floorings
-	14	ETICs
	15	Curtain walling
	16	Wood based panels
	17	Structural bearings
	18	Kits and assemblies
	19	Wall and ceiling finishes
	20	Space heating appliances
	21	Roof coverings
	22	Circulation fixtures
	23	Waste water disposal
	24	Adhesives

25	Gypsum
26	Anchors and fasteners
27	Membranes
28	Glass
29	Geotextiles
30	Sanitary appliances
31	Pipes and tanks
32	Cables
33	Chimneys
34	Sealants