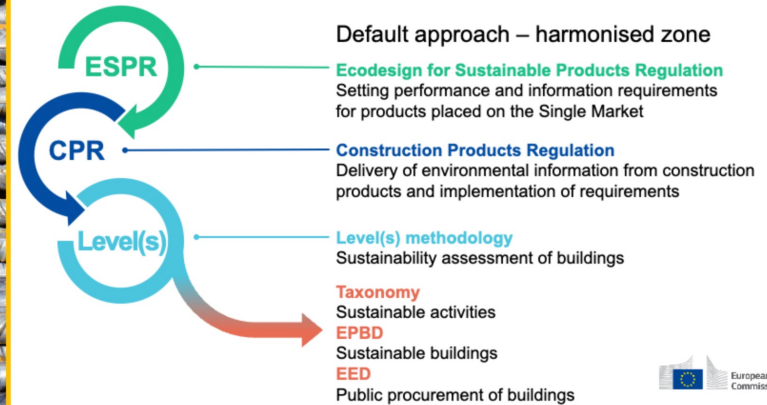


What is the CPR?

Single market for construction products

EU Regulatory framework



Digital Product Passport



What is the CPR?

Single market for construction products



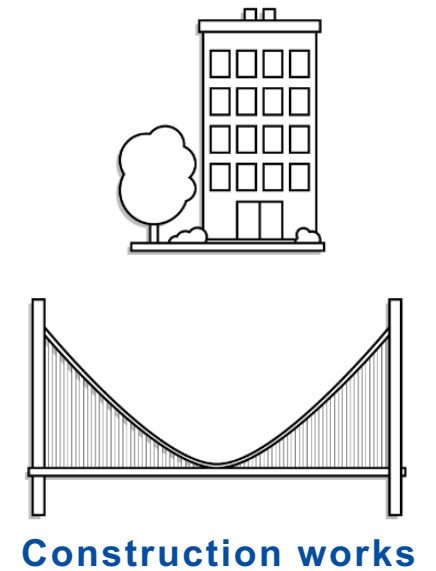
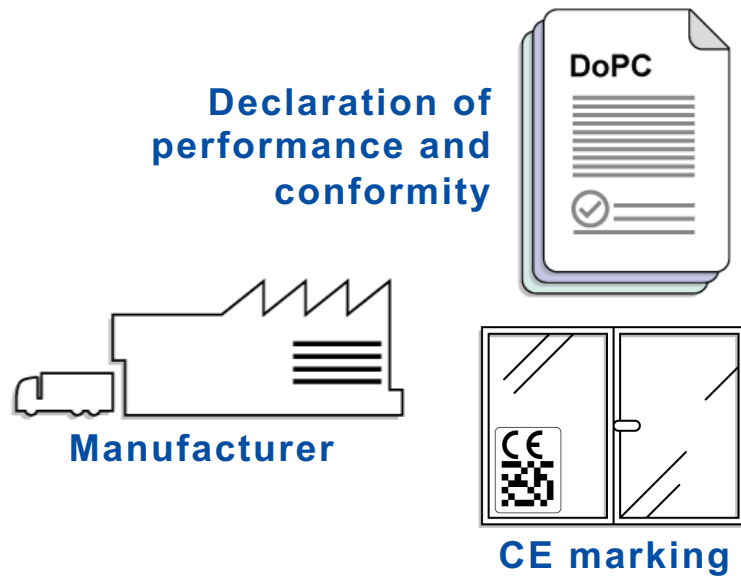
What is the CPR?

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

Construction Products Regulation

National construction codes

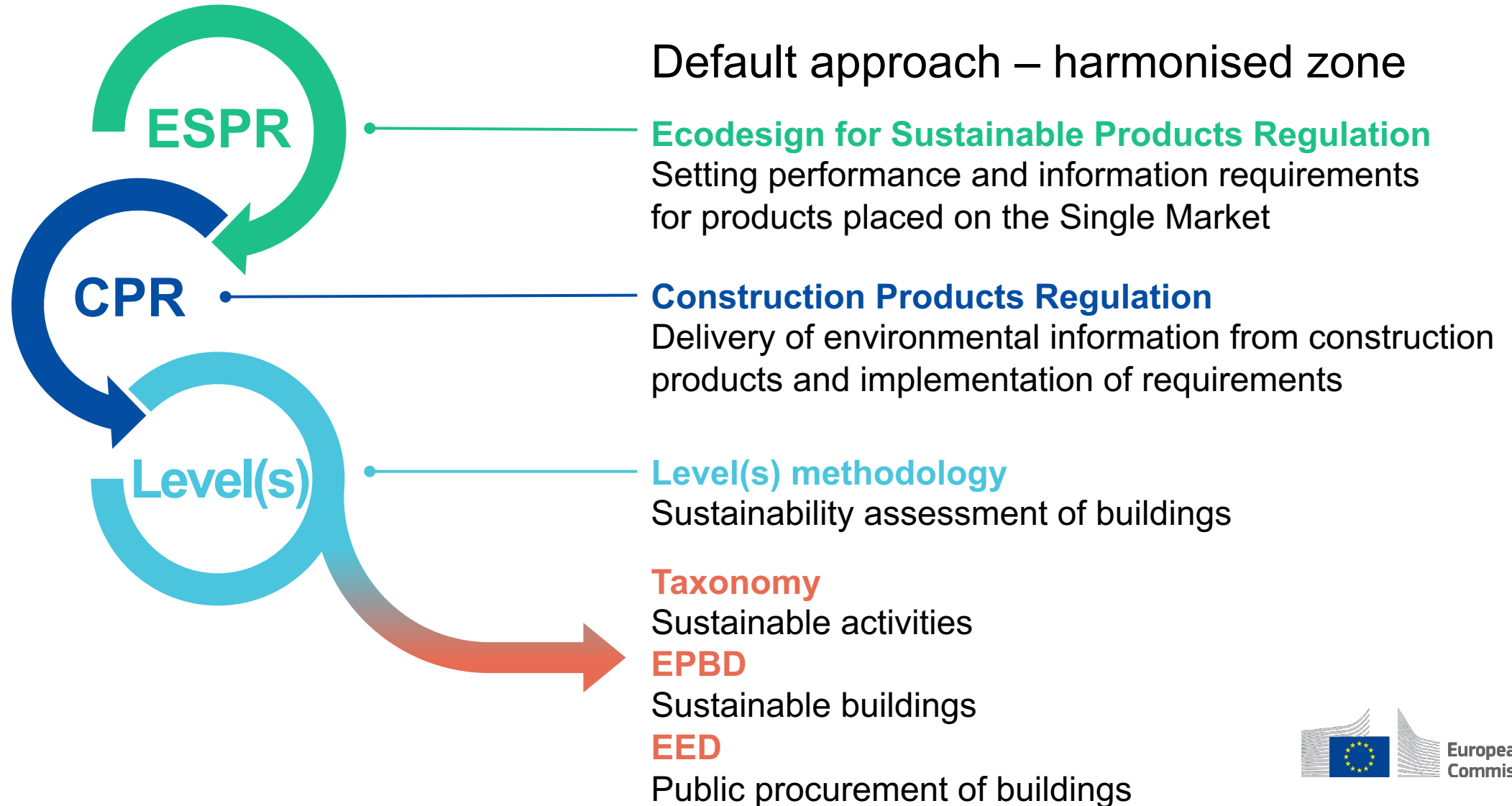


Single market for construction products

Product related
regulatory needs

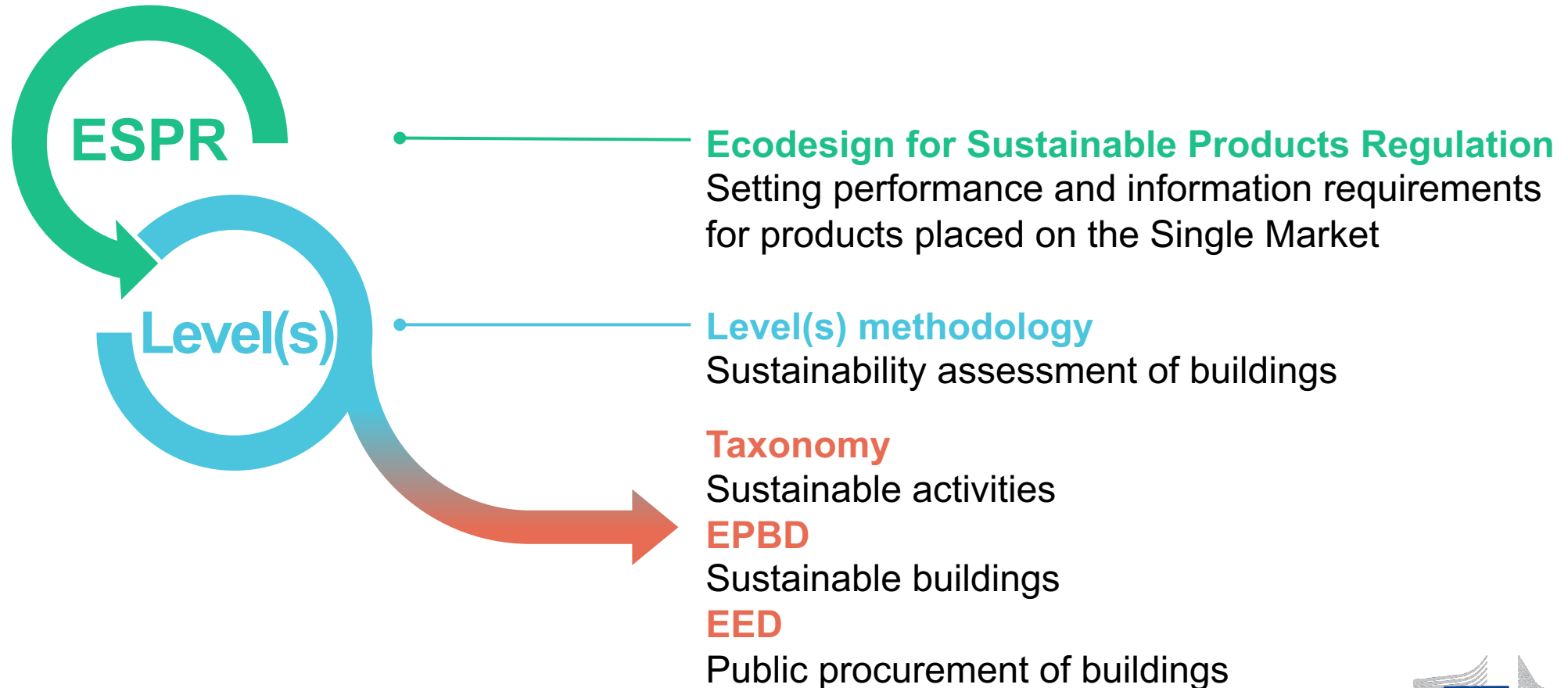
Placing on
the market

EU Regulatory framework



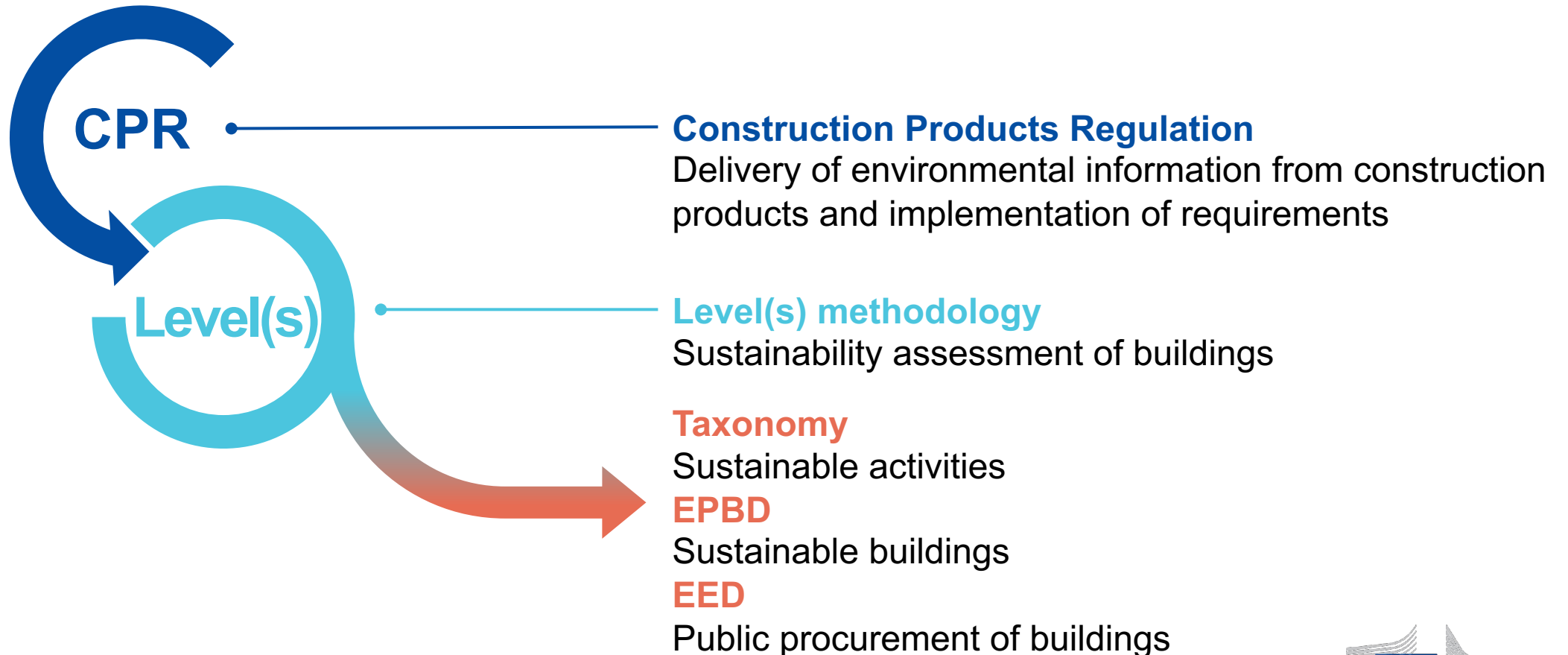
EU Regulatory framework

Energy related products – ESPR only



EU Regulatory framework

Other products – harmonised zone



EU Regulatory framework

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

EPD

Level(s)

Level(s) methodology

Sustainability assessment of buildings

Taxonomy

Sustainable activities

EPBD

Sustainable buildings

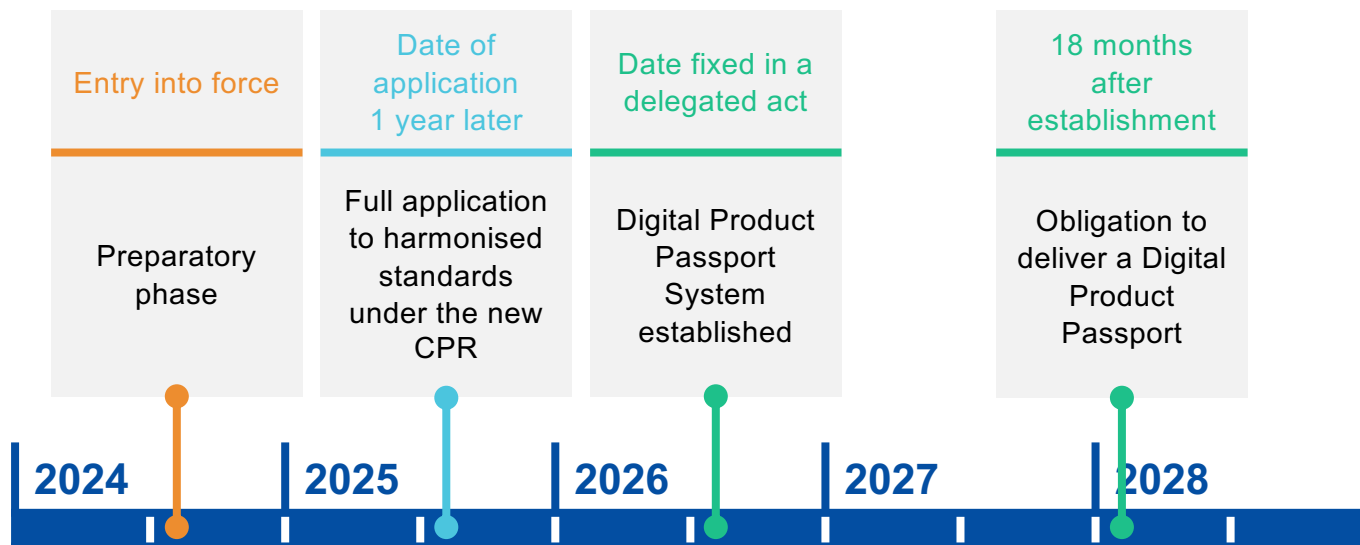
EED

Public procurement of buildings

Digital Product Passport



Digitalisation



Information

based on open standards

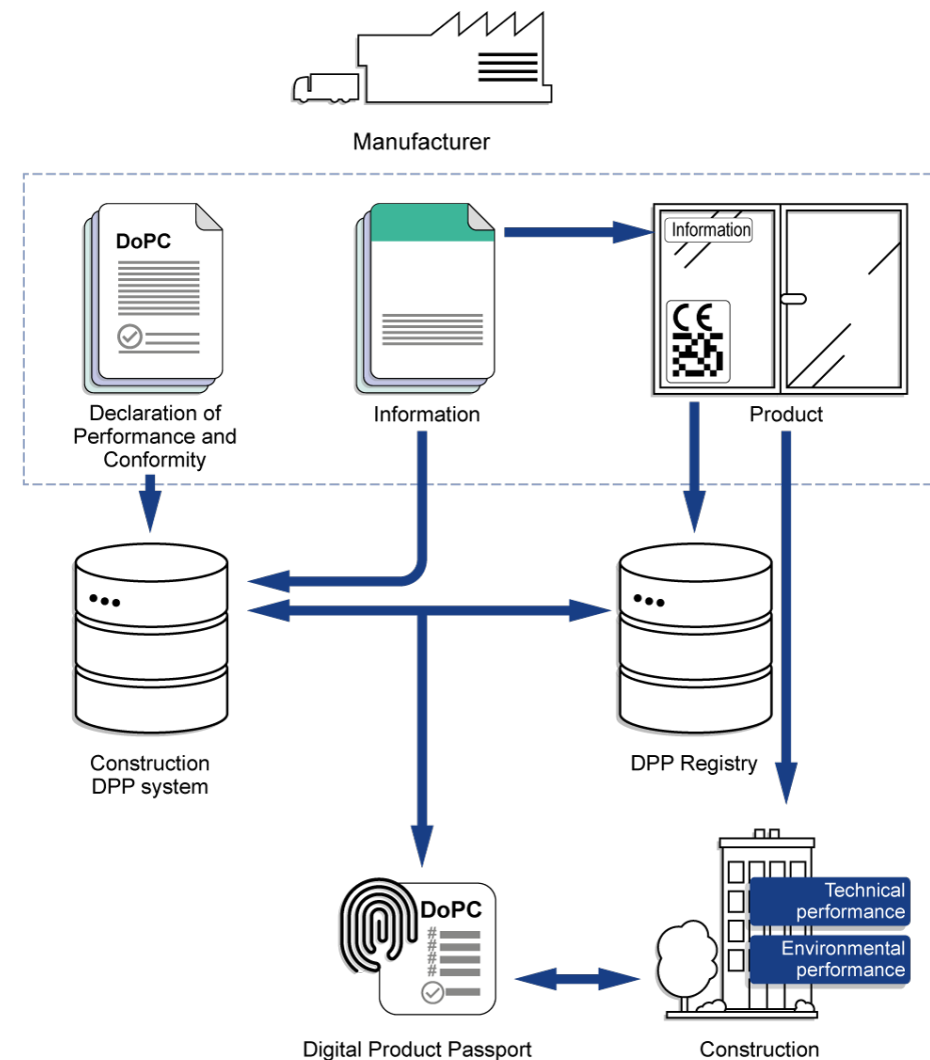
structured

machine-readable

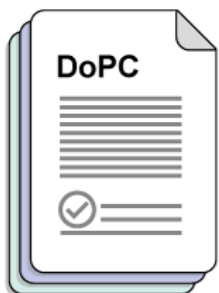
searchable

developed with an interoperable format

transferable through an open interoperable data exchange network without vendor lock-in



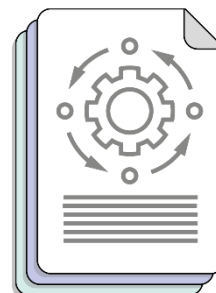
DPP content



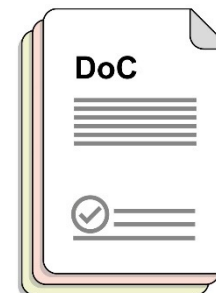
**Declaration of
performance and
conformity**



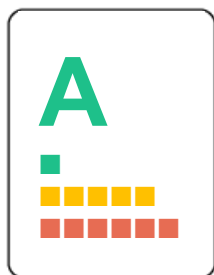
**General product
information,
instructions for use
and safety information**



**Technical
documentation**



**Documentation
required under other
Union law**



**Label
(when applicable)**

Unique product identifier

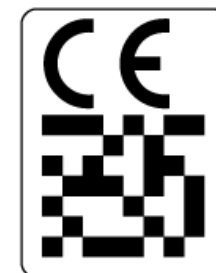
dpp:GTIN:3234567890126

Unique operator identifier

dpp:VAT:AT U14589505

Unique facility identifier

dpp:ISO3166-2:BE



Data carriers

DPP System Feasibility Study for construction products

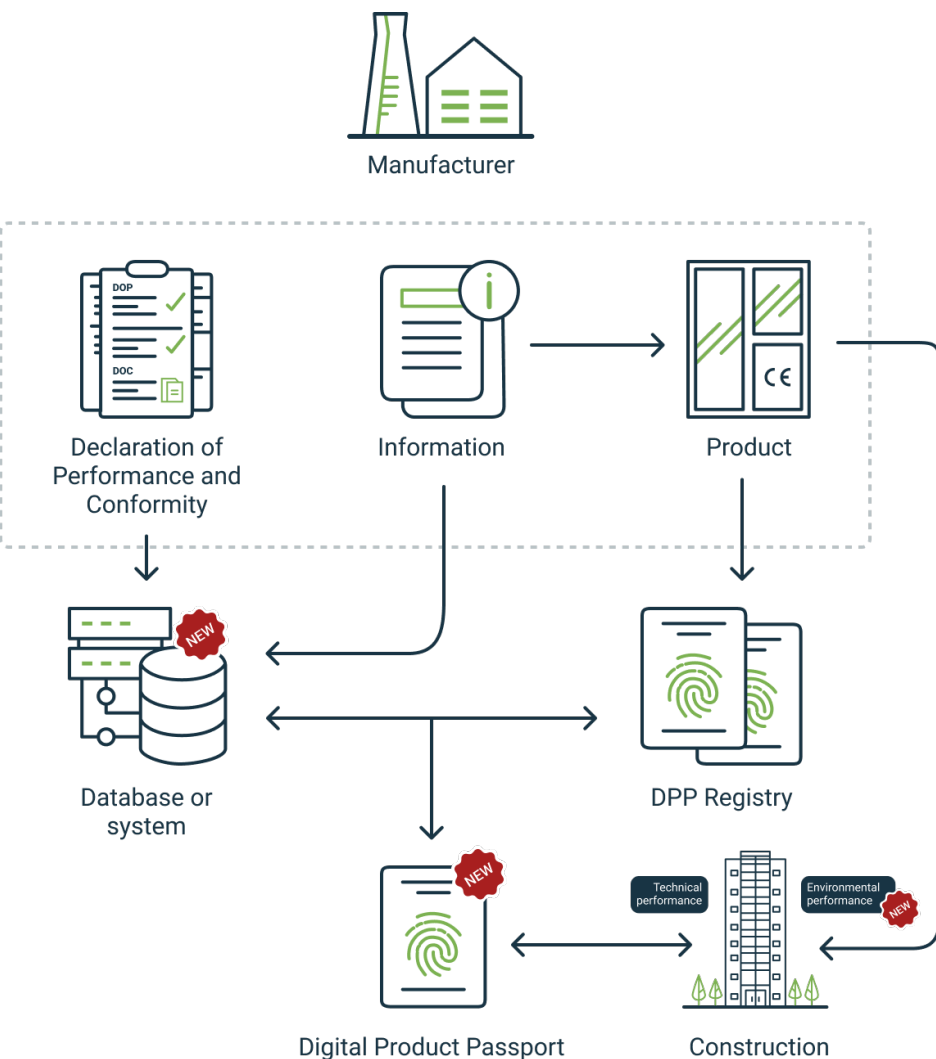
The primary goal of the feasibility study is to deliver an extensive assessment of different solutions for setting up a database or system storing information regarding construction products.

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





Home About Goals And Objectives Benefits Partners Resources Contacts

EU database for construction products

The study is a feasibility study aimed at using the foundation for a central database for construction products. This is a database to be used in the context of the Construction Products Regulation (CPR).

The CPR database will be an essential platform for collecting data on construction products, allowing for the creation of a central database for construction products. It will be a database to be used in the context of the Construction Products Regulation (CPR).

As a first step, the study will focus on the collection of data on construction products. This will be done by collecting data on construction products from manufacturers and other stakeholders in the construction industry.

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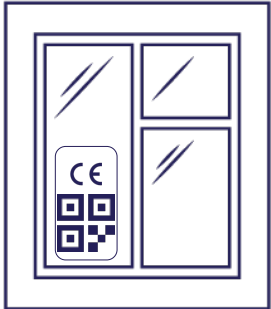
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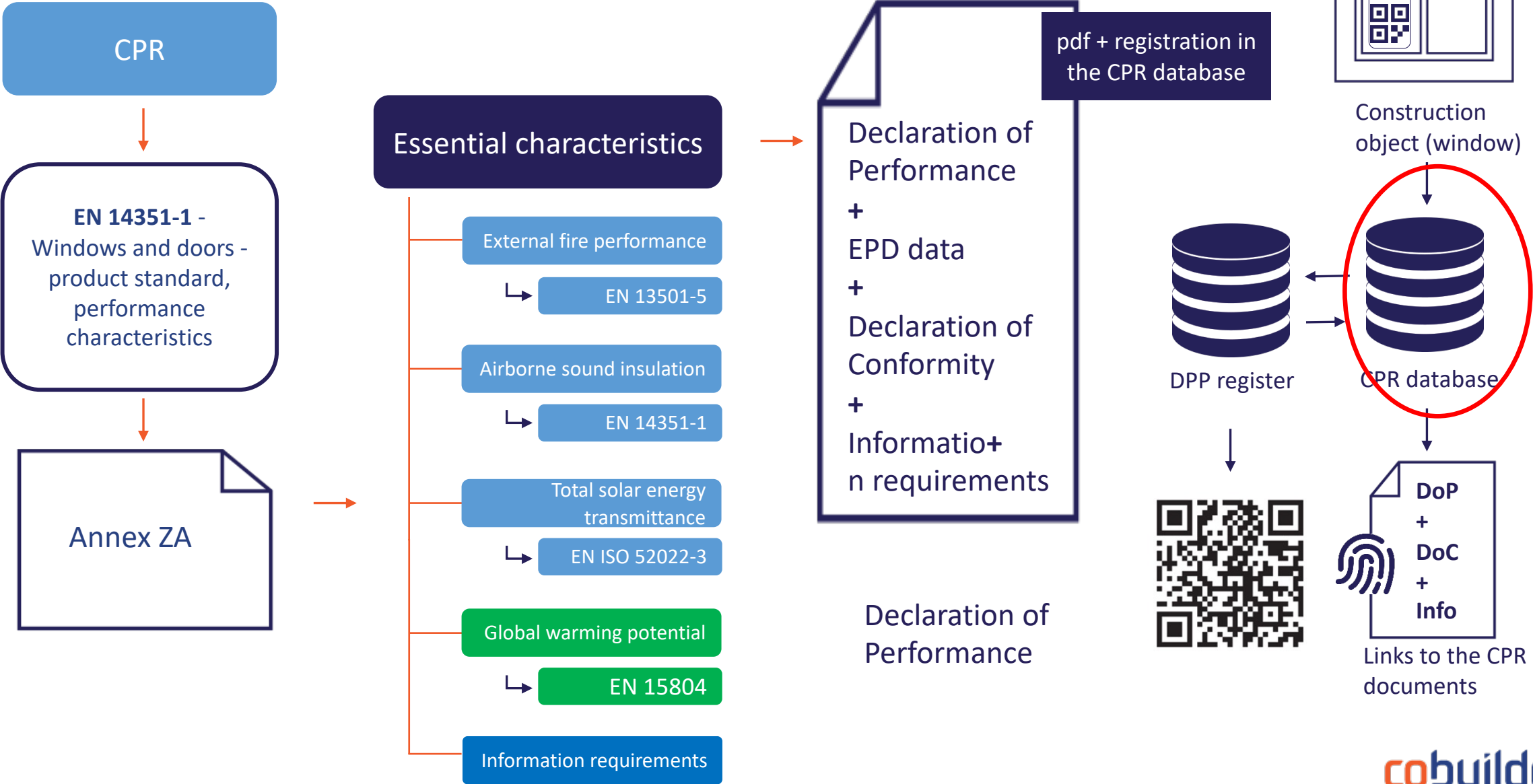
Timeline

Task	Start Date	End Date
Task 1: Information analysis and requirements definition	January 2024	August 2024
Task 2: Technical definition of solution architecture	August 2024	January 2025
Task 3: Assessment of solutions	January 2025	March 2025
Task 4: Validation from stakeholders	March 2025	June 2025
Task 5: Final summary and next steps	June 2025	September 2025

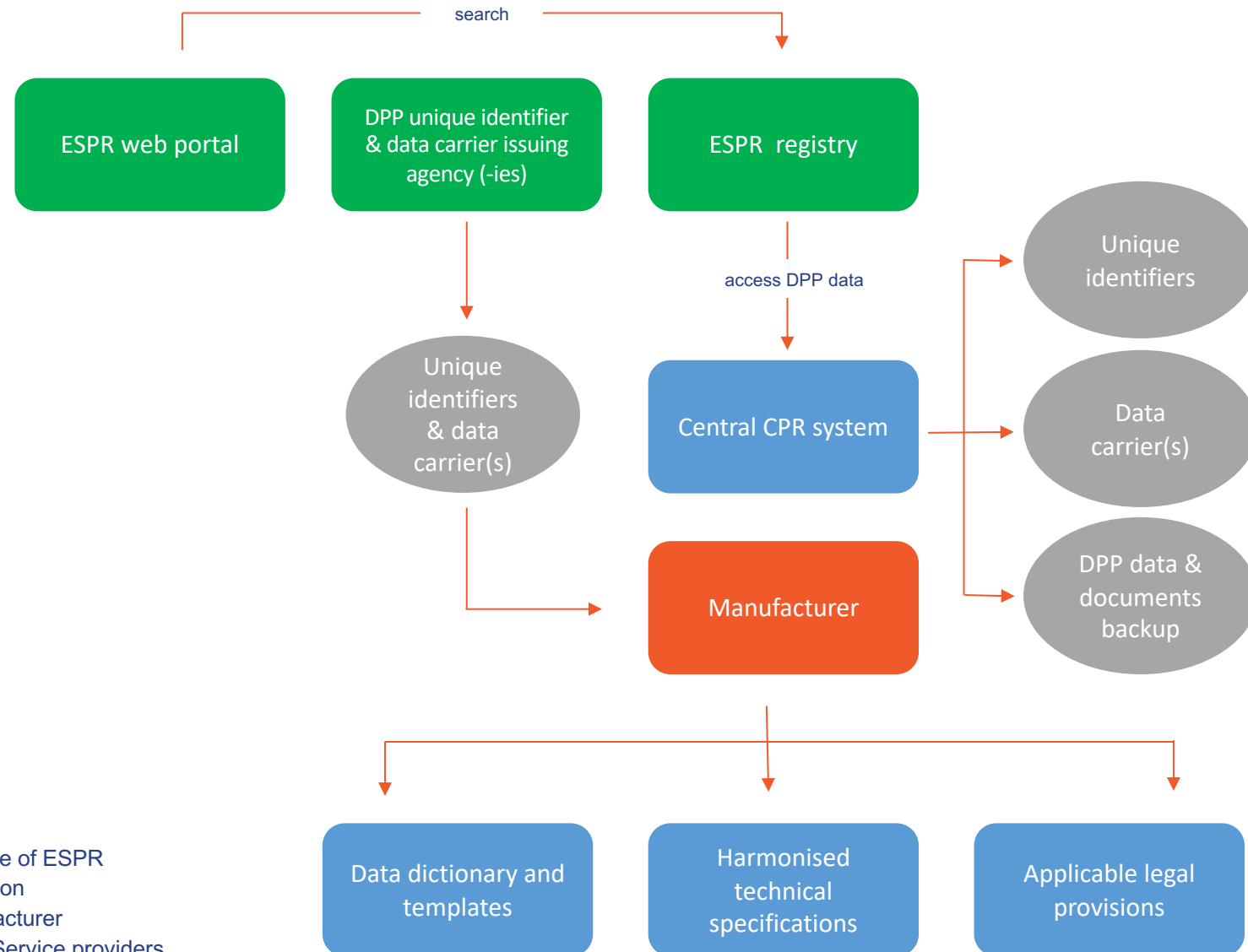
Legal framework: Revised Construction Product regulation (CPR)



Construction object (window)



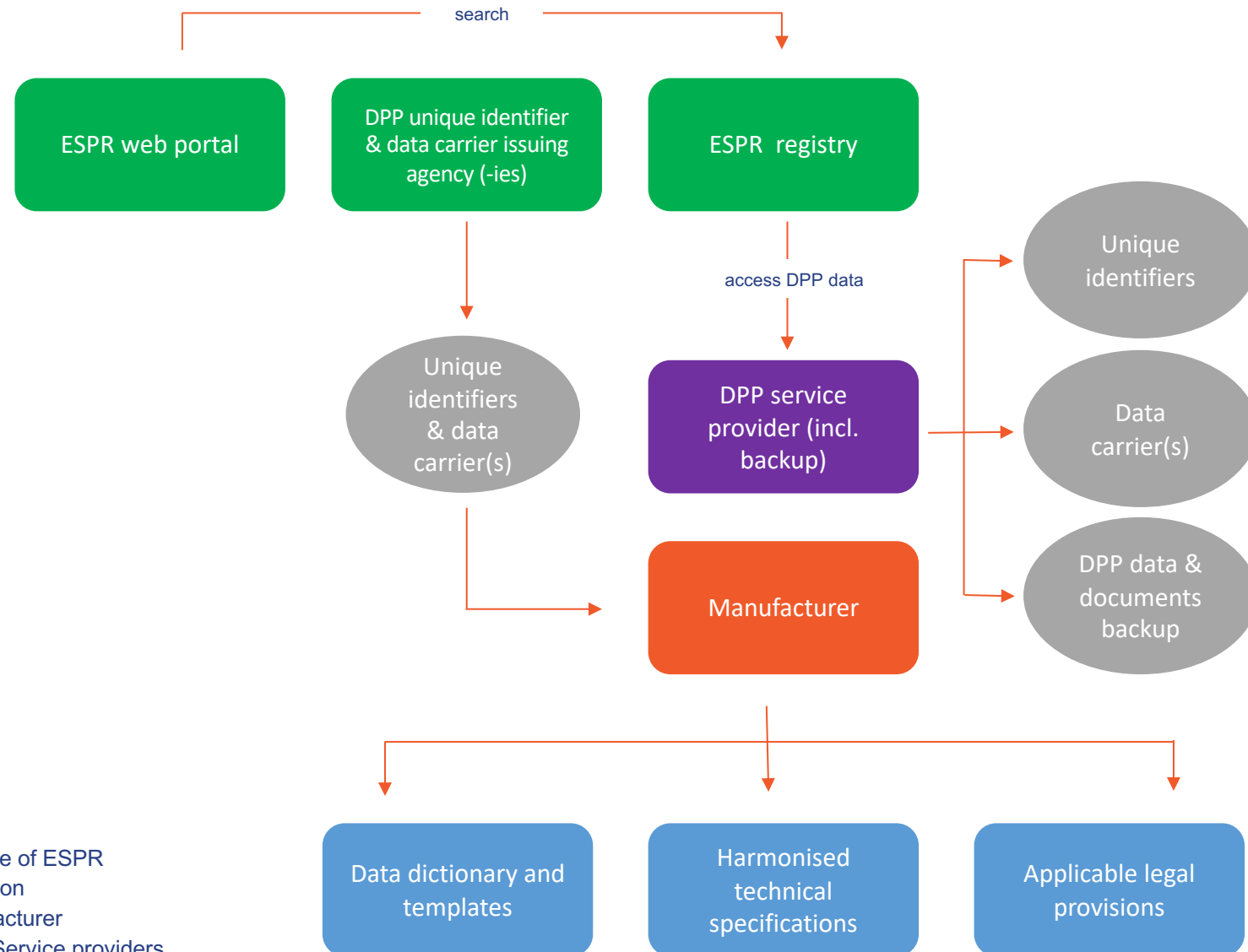
DPP System and data setup options - 1



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

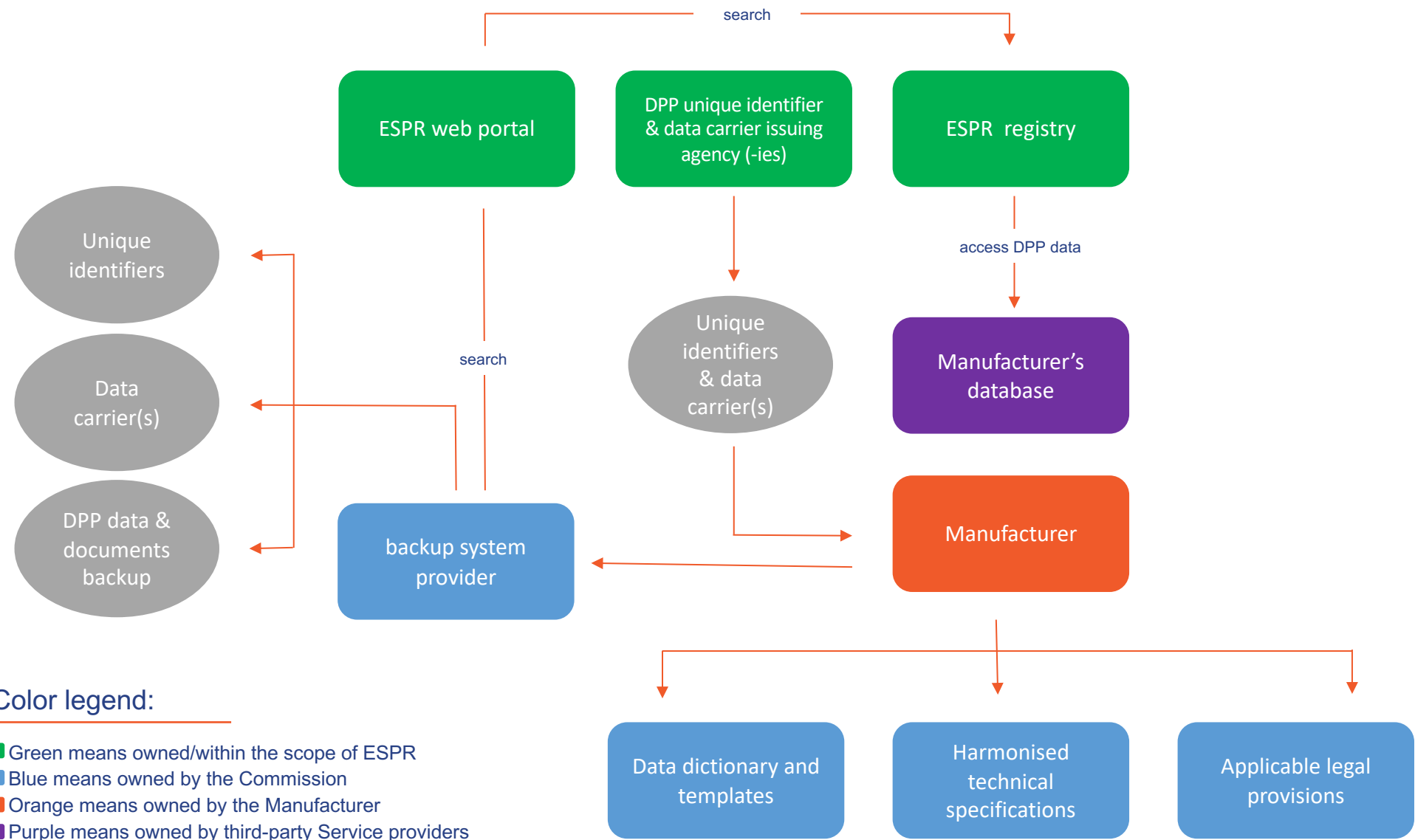
DPP System and data setup options - 2



Color legend:

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- Blue means owned by the Commission
- Orange means owned by the Manufacturer
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DPP System and data setup options - 3

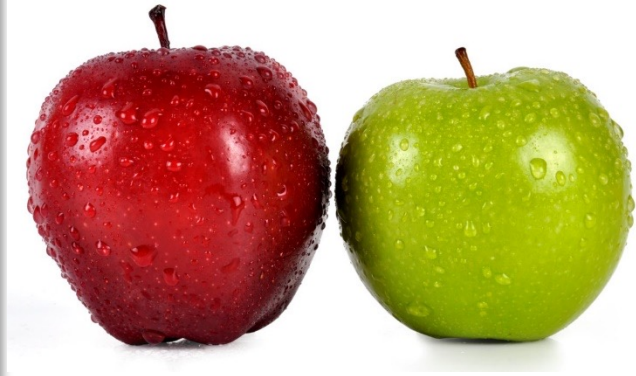


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- Green means owned/within the scope of ESPR
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The Construction Products Regulation (CPR) have an ontology/ taxonomy in place to ensure comparison of mandatory data.. A **Data Dictionary**

(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	13	Floorings	25	Gypsum
2021	2	Structural metallic products	14	ETICs	26	Anchors and fasteners
2022	3	Reinforcing prestressing steel	15	Curtain walling	27	Membranes
2022	4	Doors, windows and shutters	16	Wood based panels	28	Glass
2023	5	Cement	17	Structural bearings	29	Geotextiles
2023	6	Thermal insulating products	18	Kits and assemblies	30	Sanitary appliances
...	7	Structural timber products	19	Wall and ceiling finishes	31	Pipes and tanks
	8	Concrete, mortar and grout	20	Space heating appliances	32	Cables
	9	Masonry	21	Roof coverings	33	Chimneys
	10	Aggregates	22	Circulation fixtures	34	Sealants
	11	Fixed firefighting equipment	23	Waste water disposal		
	12	Road construction products	24	Adhesives		