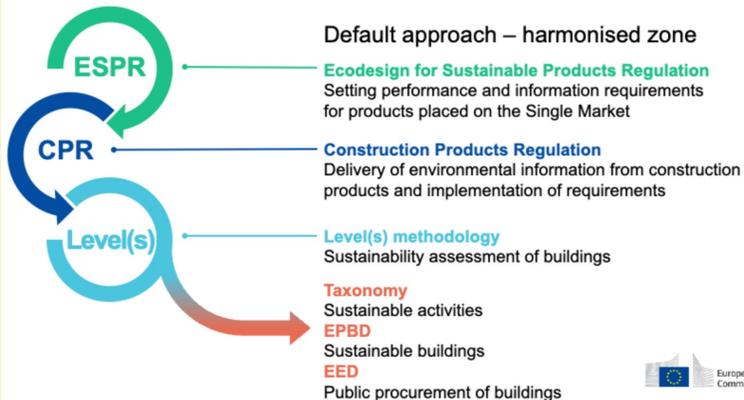


What is the CPR?

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

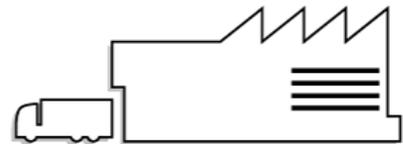
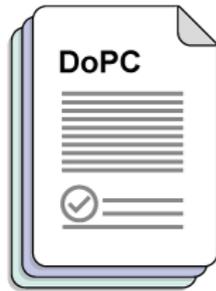
Construction Products Regulation

Product related regulatory needs

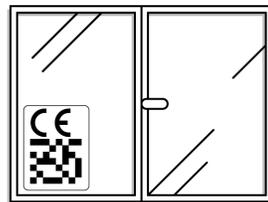
National construction codes

Single market for construction products

Declaration of performance and conformity

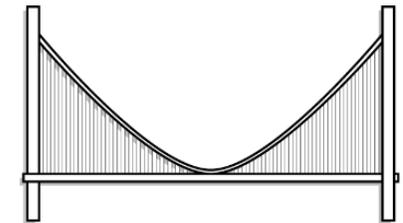
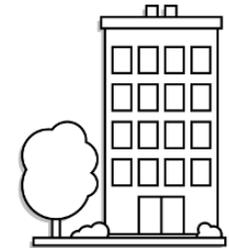


Manufacturer



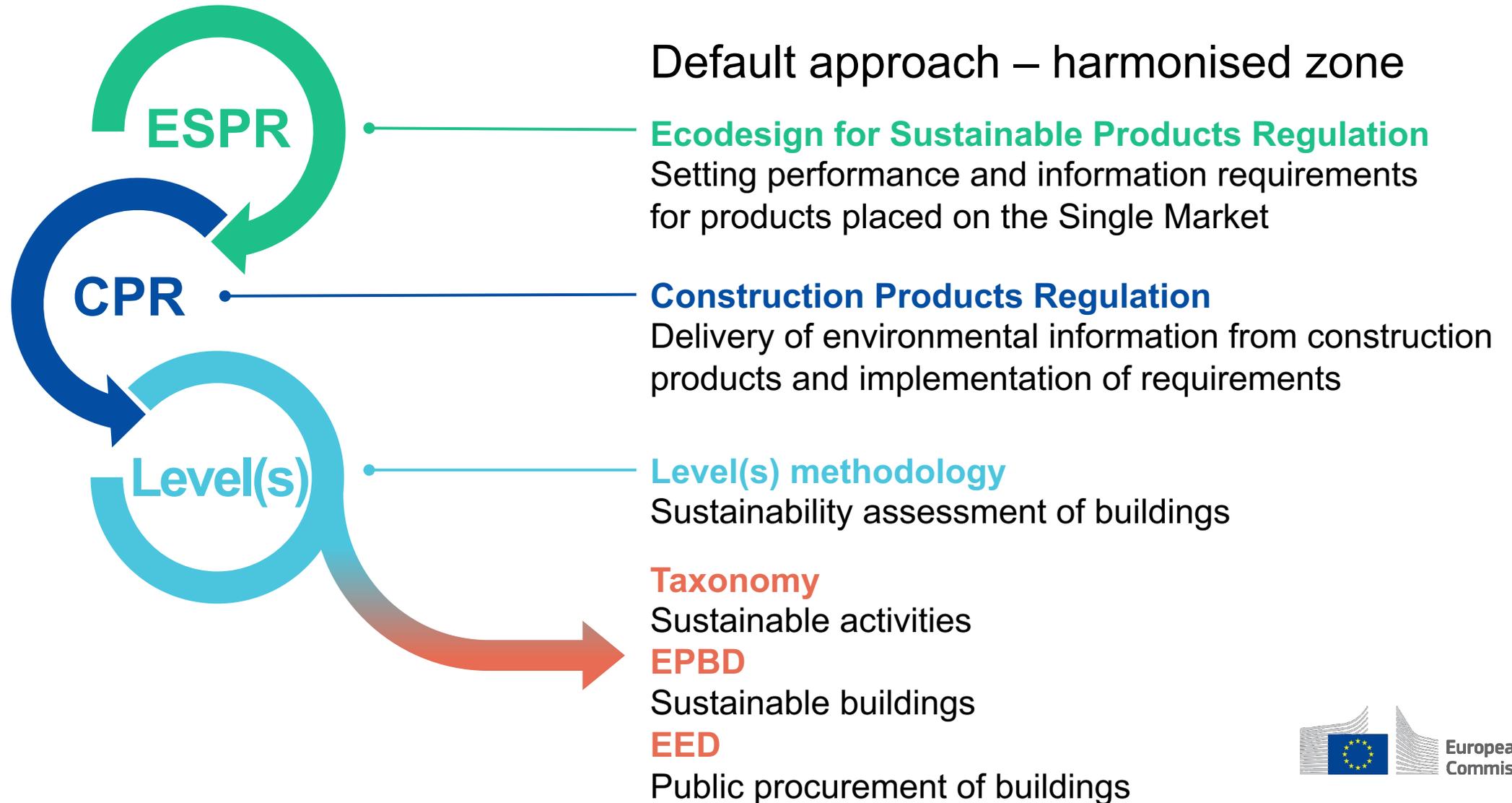
CE marking

Placing on the market



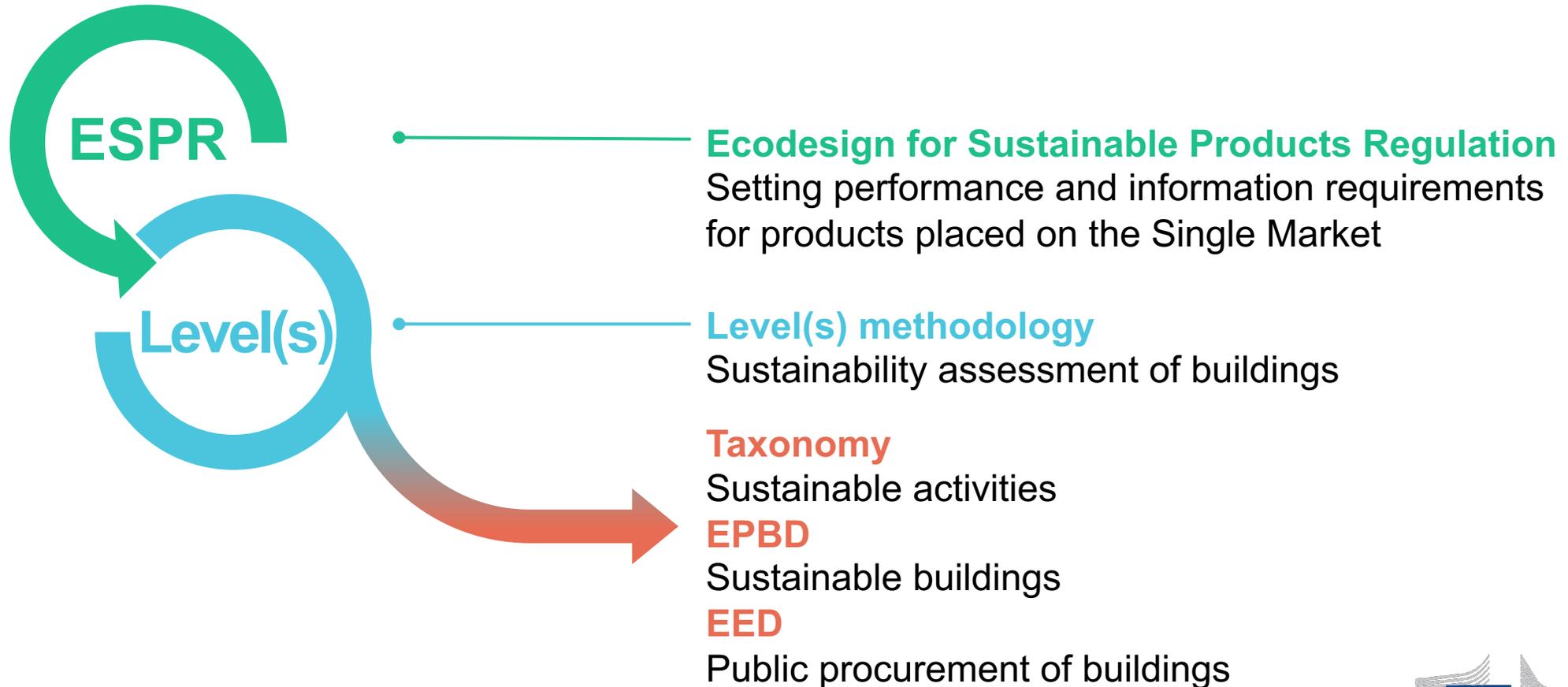
Construction works

EU Regulatory framework



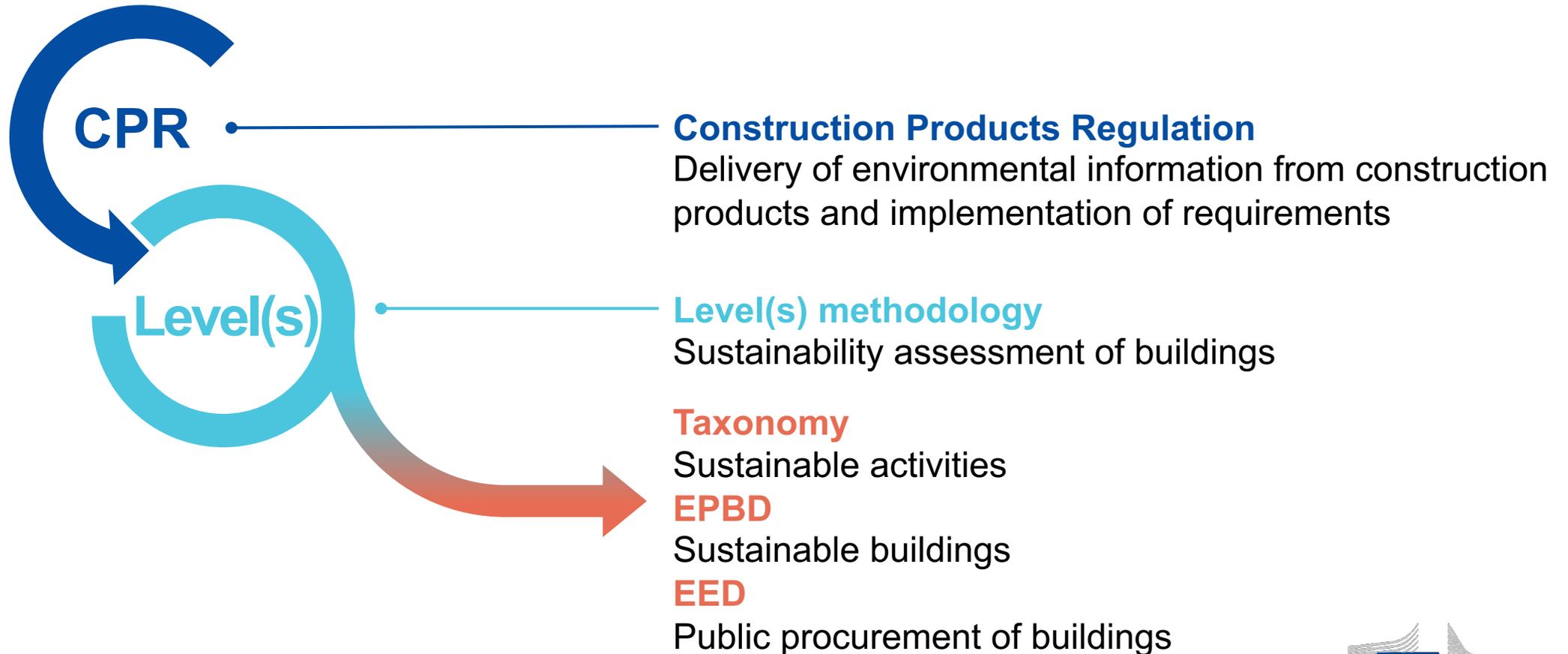
EU Regulatory framework

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

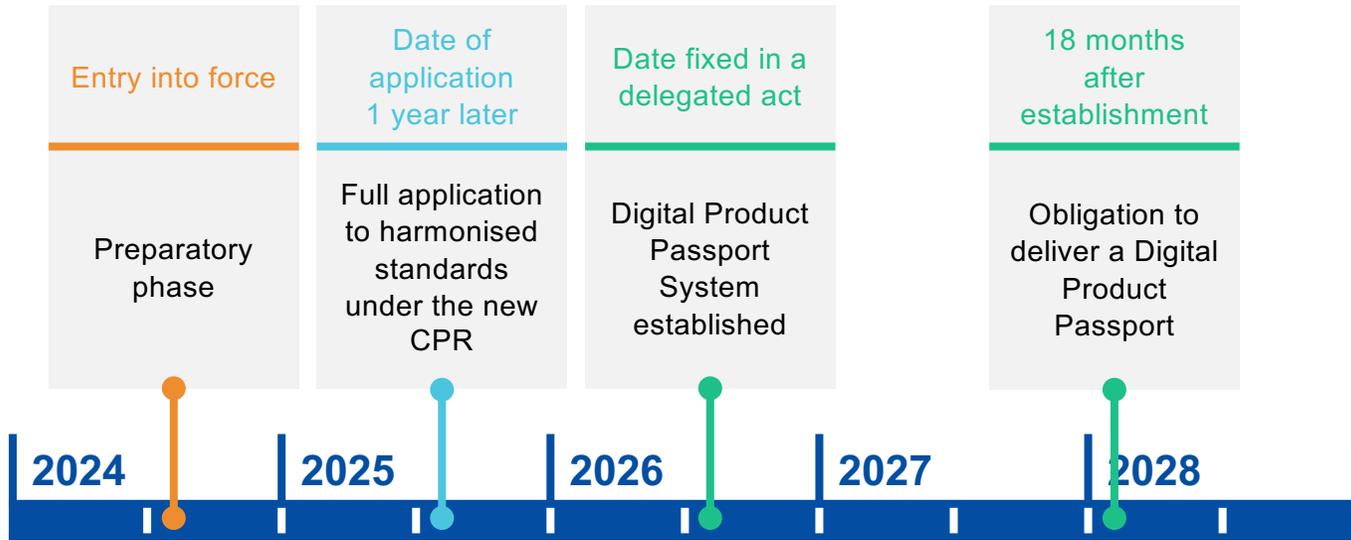
EED

Public procurement of buildings

Digital Product Passport



Digitalisation



Information

based on open standards

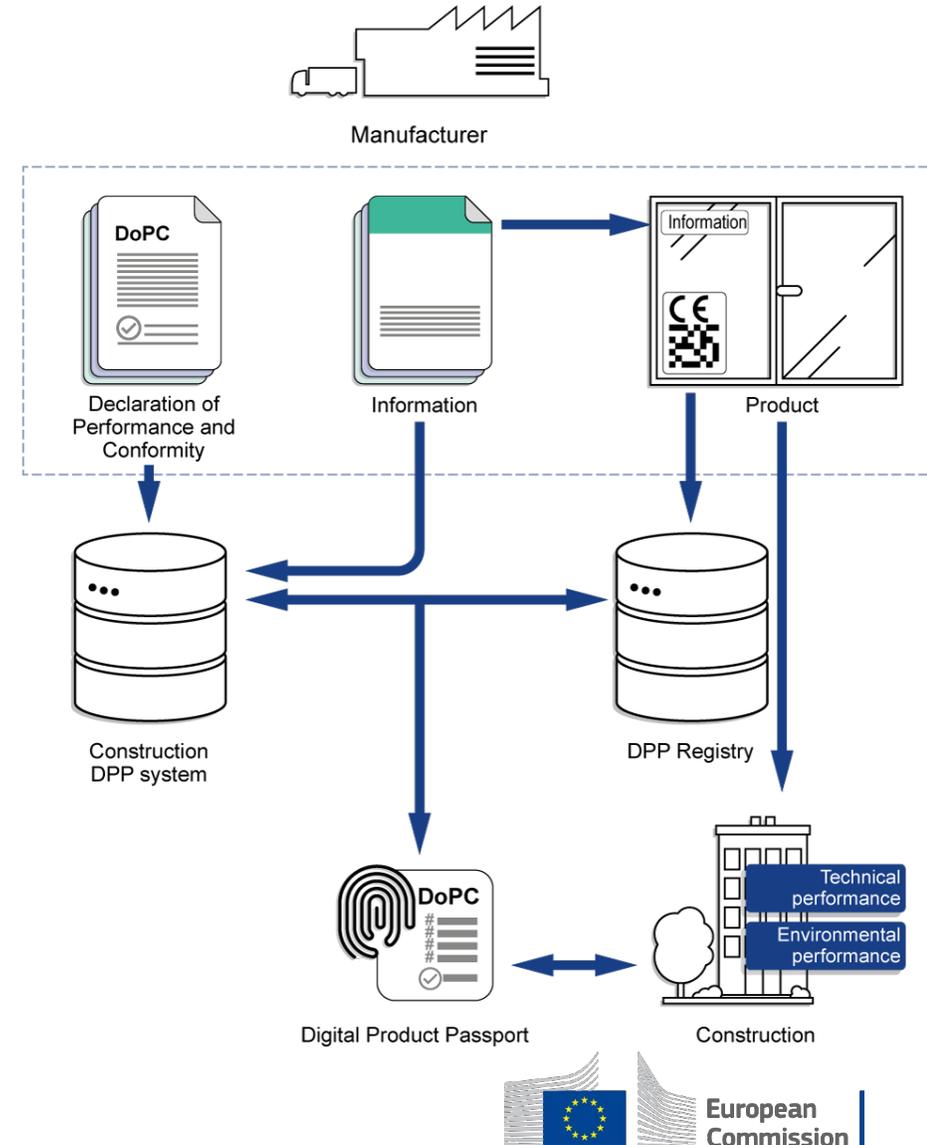
structured

machine-readable

searchable

developed with an interoperable format

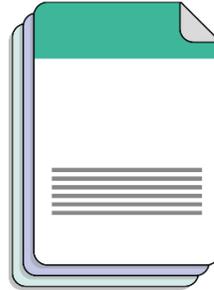
transferable through an open interoperable data exchange network without vendor lock-in



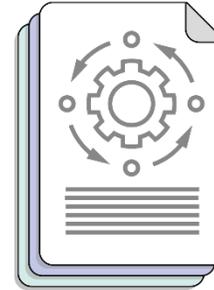
DPP content



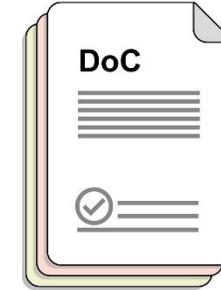
Declaration of performance and conformity



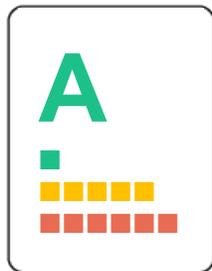
General product information, instructions for use and safety information



Technical documentation



Documentation required under other Union law



Label (when applicable)

Unique product identifier

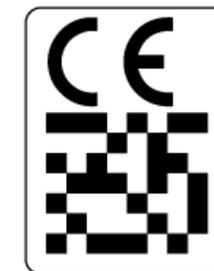
dpp:GTIN:3234567890126

Unique operator identifier

dpp:VAT:AT U14589505

Unique facility identifier

dpp:ISO3166-2:BE



Data carriers

DPP System Feasibility Study for construction products

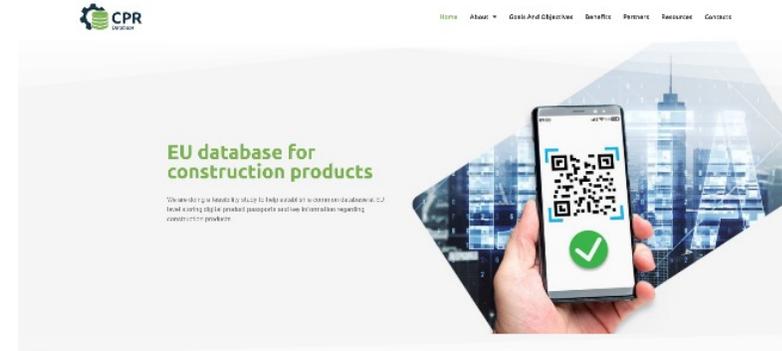
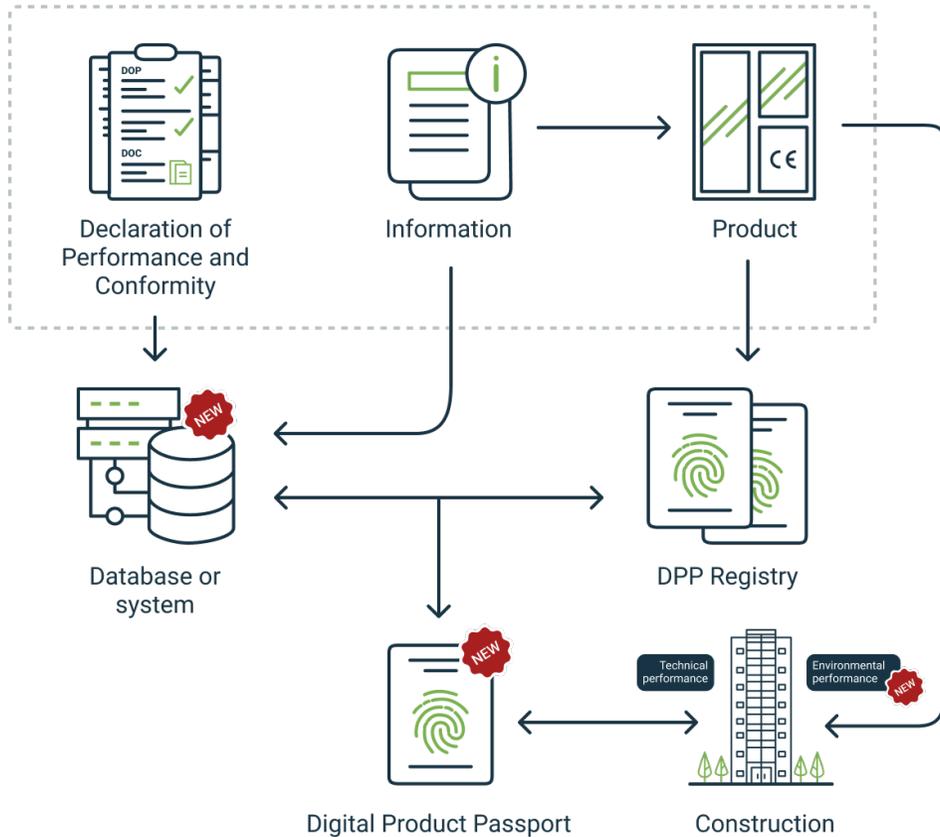
The primary goal of the feasibility study is to deliver an extensive assessment of different solutions for setting up a database or system storing information regarding construction products.

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



About the Study

The study is part of the European Commission's cooperation of developers and experts in order to support the industry in using the database for construction products. The study is a key element in developing a vision of a Construction Products Regulation (CPR).

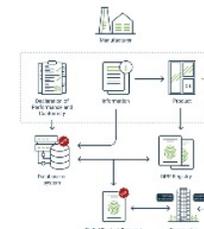
The CPR database will be a key platform for 2021-2023, with the goal of providing a central, accessible and reliable source of information for the industry and stakeholders.

A main goal of the project is to ensure that the database will be a central platform for the industry and stakeholders to provide information on the products and their performance. The study is a key element in developing a vision of a Construction Products Regulation (CPR).

About the CPR database

The main objective of the study is to ensure that the database will be a central platform for the industry and stakeholders to provide information on the products and their performance. The study is a key element in developing a vision of a Construction Products Regulation (CPR).

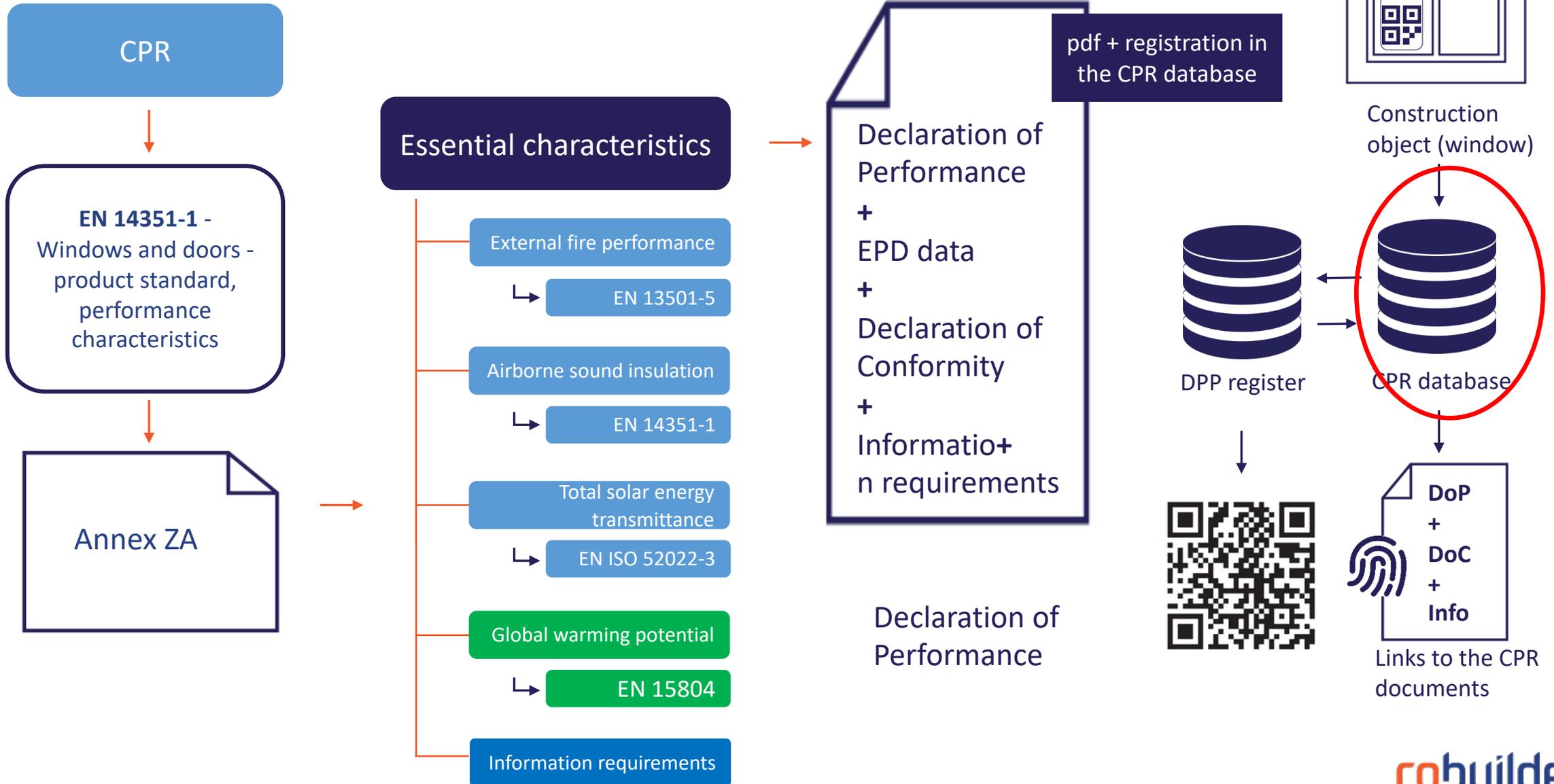
The study is a key element in developing a vision of a Construction Products Regulation (CPR).



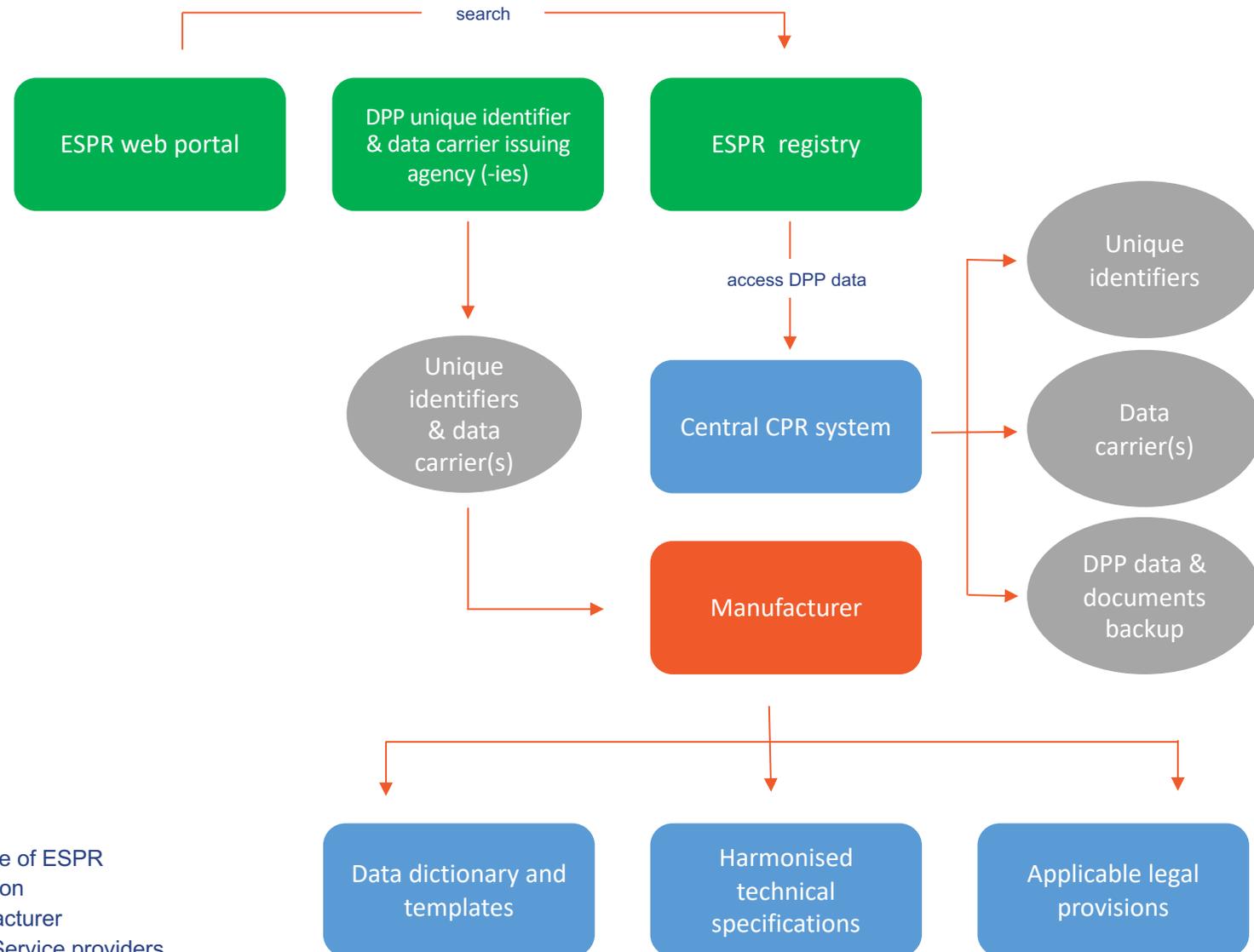
Timeline



Legal framework: Revised Construction Product regulation (CPR)



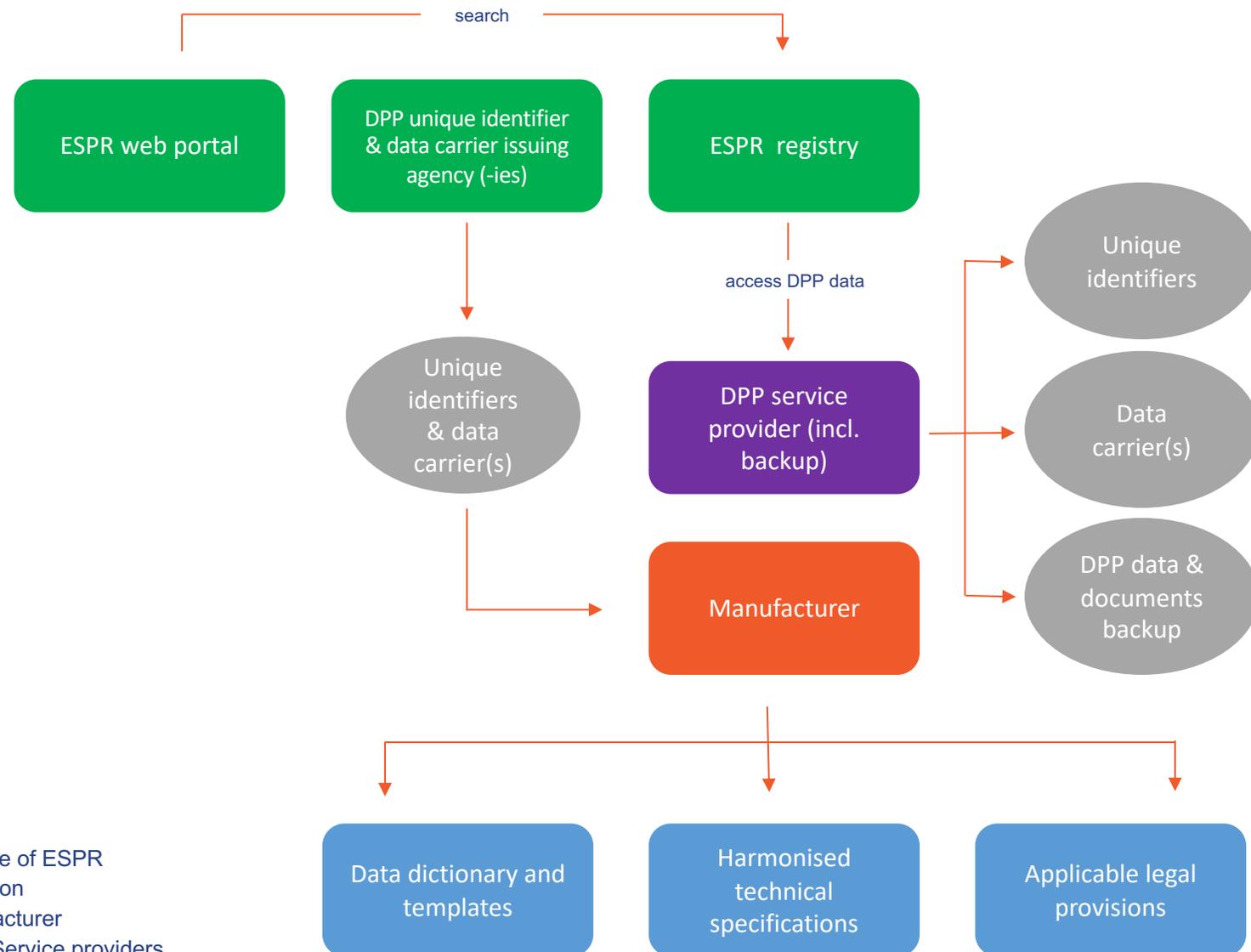
DPP System and data setup options - 1



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

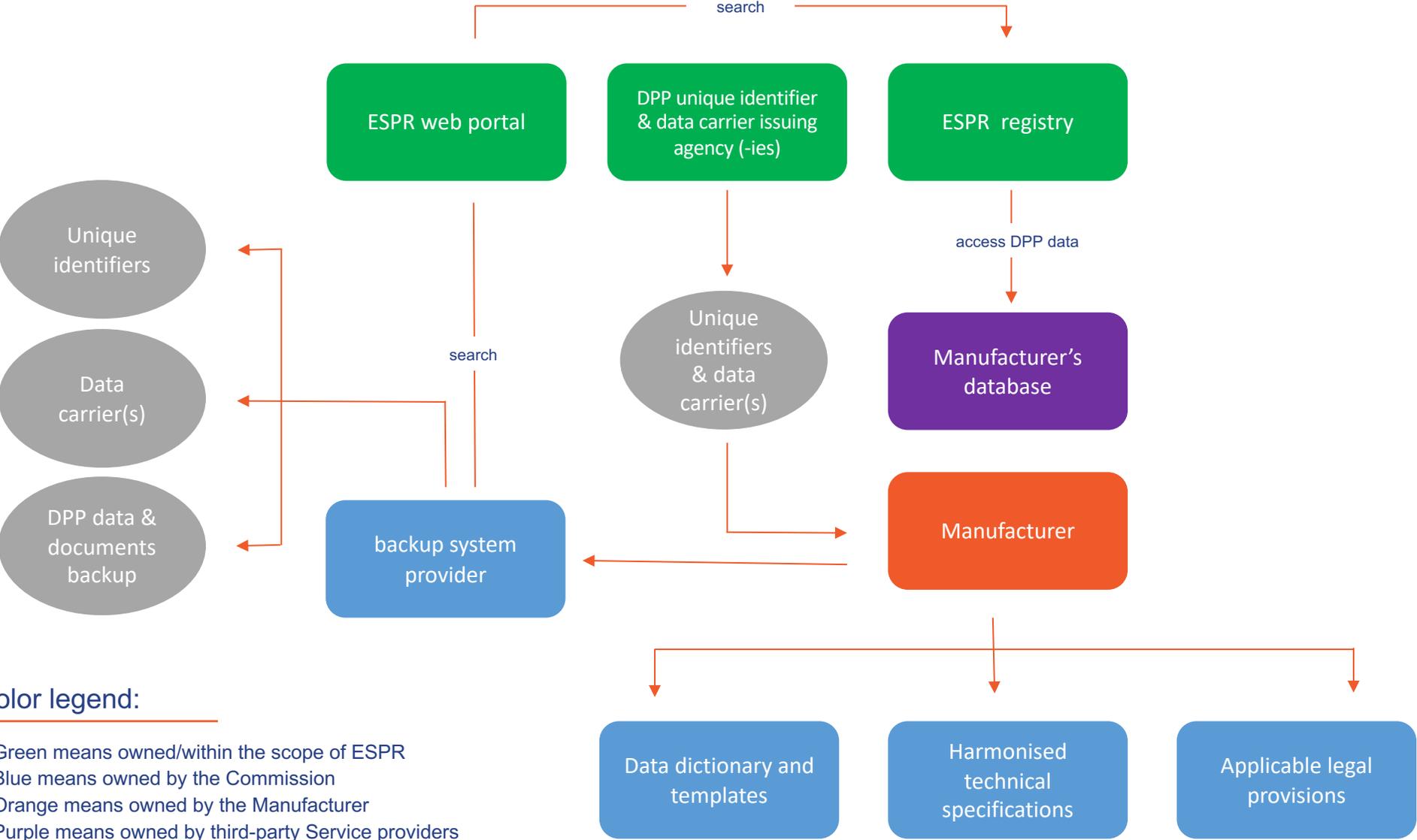
DPP System and data setup options - 2



Color legend:

- 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 - 3



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

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		