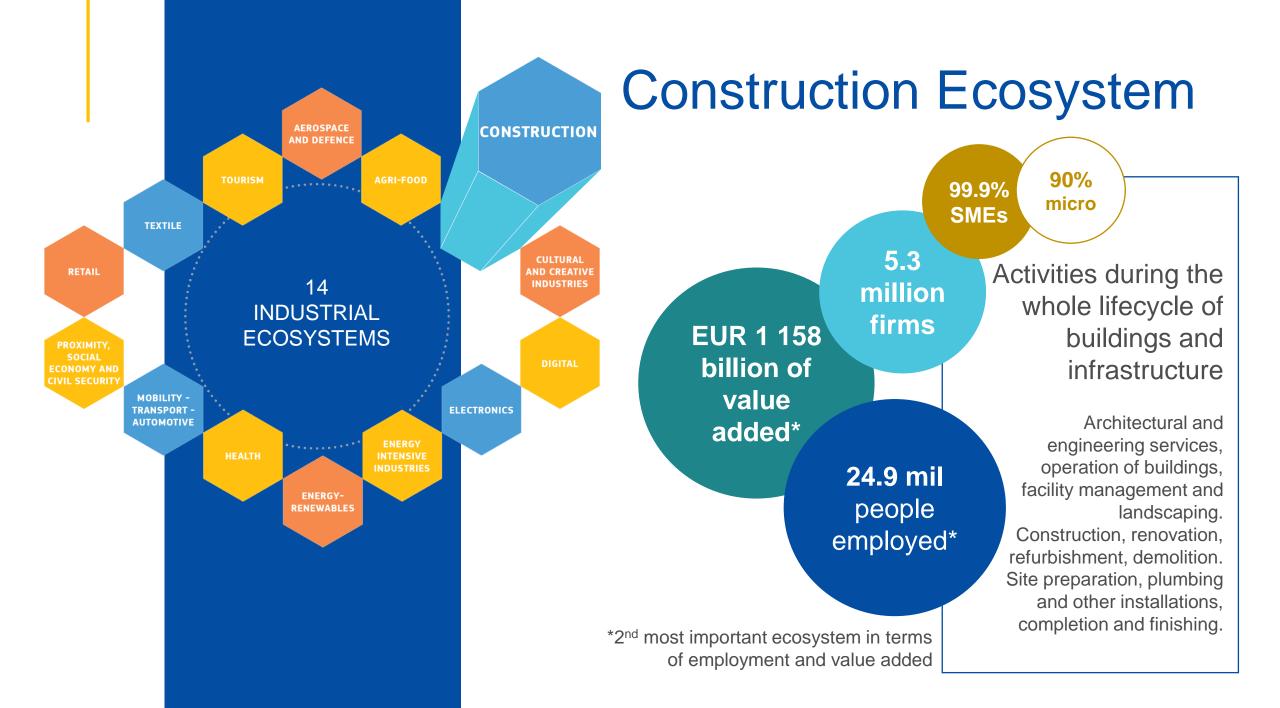
## CE-marking under the current and future Construction Products Regulation

### DG GROW unit H.1



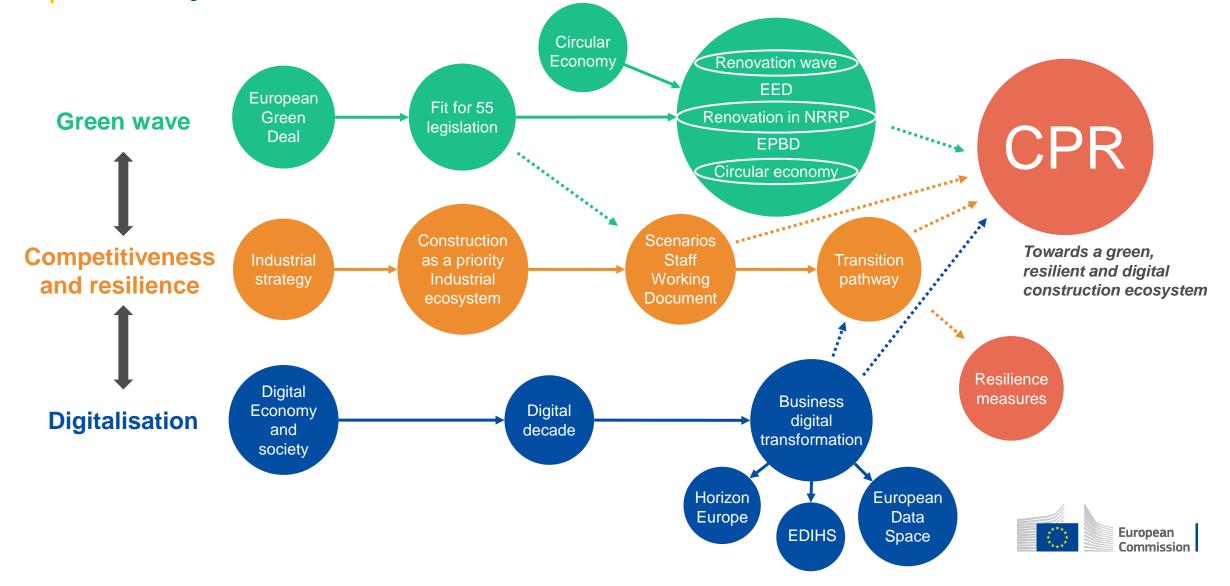




**EUR 240** billion of value added



## Transition pathway of the construction ecosystem and the CPR





## What is the CPR?

Harmonised conditions for the marketing of construction products

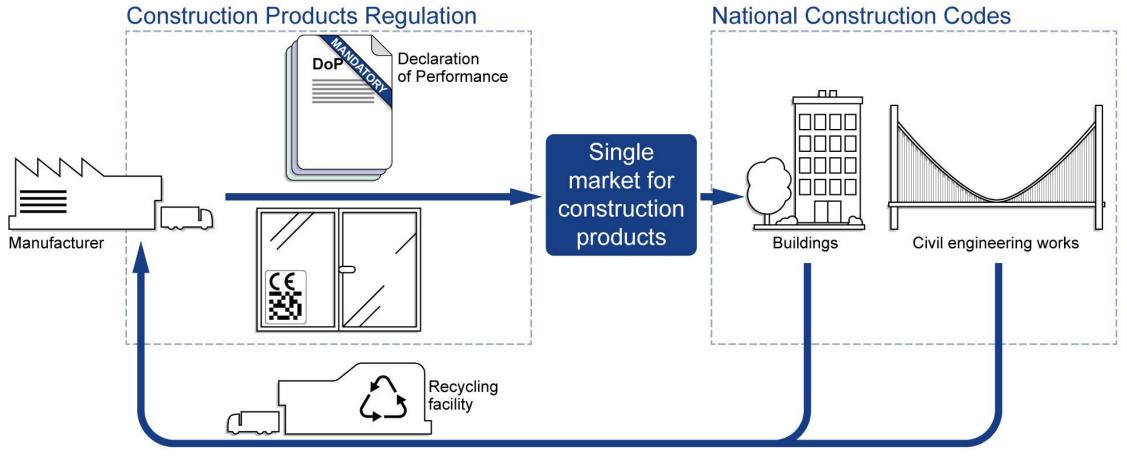
- Single market
- Free movement of construction products (CE marking)
- Common technical language

National Building Codes

Safety of construction works



### **CPR** and National construction codes





## Vision of the new CPR

Functioning of Single Market



- unlock the construction sector's growth and jobs potential
- improve the competitiveness of the sector
- digital transition of the construction ecosystem

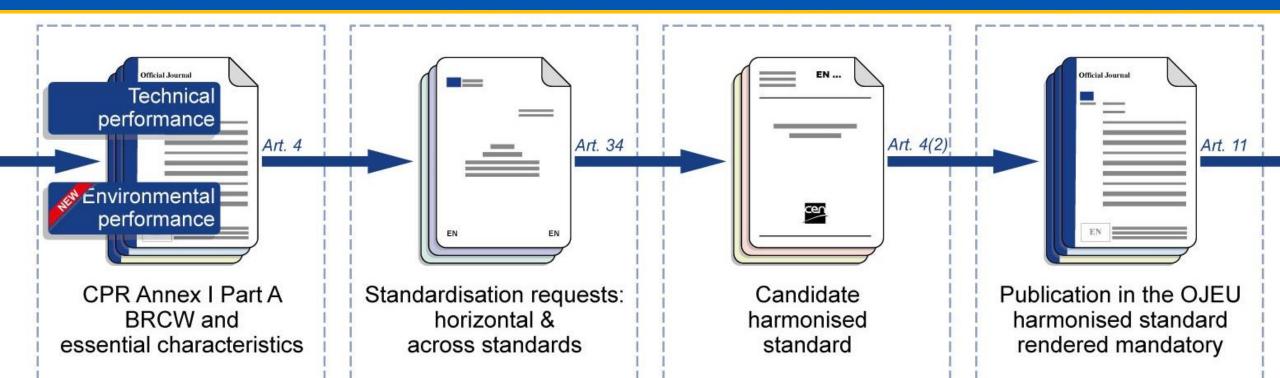
Environmental Sustainability

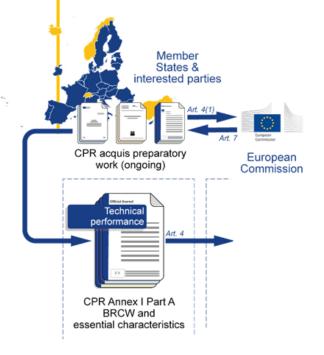


- green transition of the manufacturing processes
- overall sustainability of the built environment
- efficient use of natural resources by facilitating reuse and recycling



# Harmonised technical specifications





#### Performance

#### Annex I Part A – Basic requirements for construction works and essential characteristics

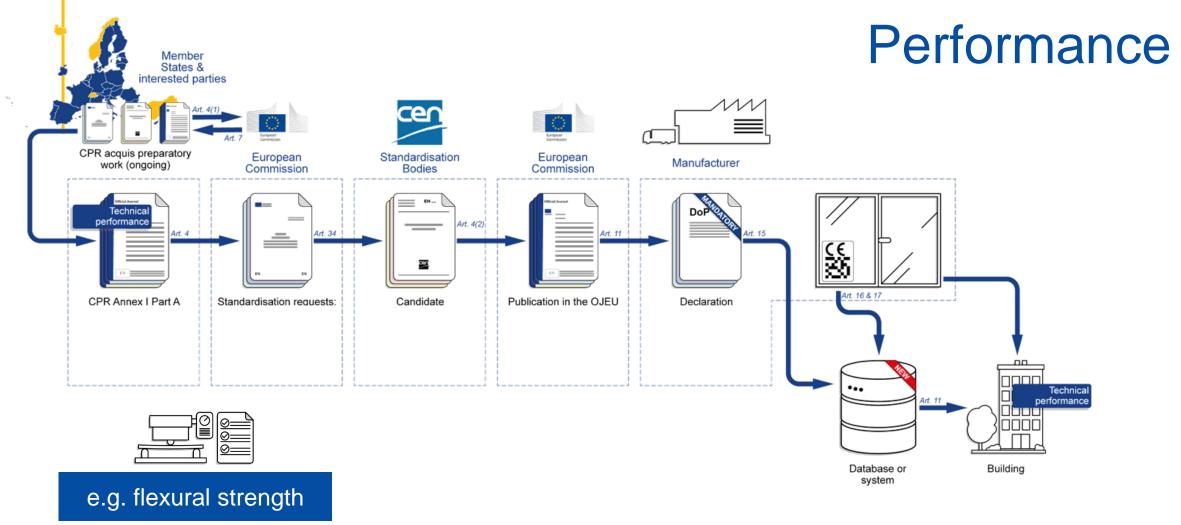
- 1. Basic requirements for construction works
  - 1.1. Structural integrity of construction works
  - 1.2. Fire safety of construction works

1.3. Workers, consumer and occupant protection against adverse hygiene and health impacts related to construction works

1.4. Workers, consumers and occupants protection against physical injuries of construction works

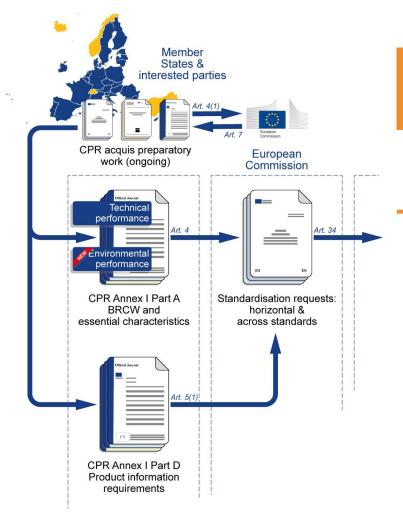
1.5. Resistance to the passage of sound and acoustic properties of construction works

- 1.6. Energy efficiency and thermal performance
- 1.7. Hazardous emissions into the outdoor environment
- 1.8. Sustainable use of natural resources
- 2. Essential characteristics to be covered



- Performance is assessed
  - Performance is declared as a value or class
- Any performance is possible
  - No judgement about the use of the product
  - Independent from the requirements established in construction codes





## Information requirements

#### Annex I

#### Part D – Product information requirements

- 1. Products shall be accompanied by the following information
  - 1.1. Product identification
  - 1.2. Product description
  - 1.3. Transport, installation, maintenance, deconstruction and demolition rules
  - 1.4. Contact details of the manufacturer or the representative
  - 1.5. Contact details of relevant authorities in case of risky or faulty products
  - 1.6. Rules or recommendations for repair, deconstruction, reuse,

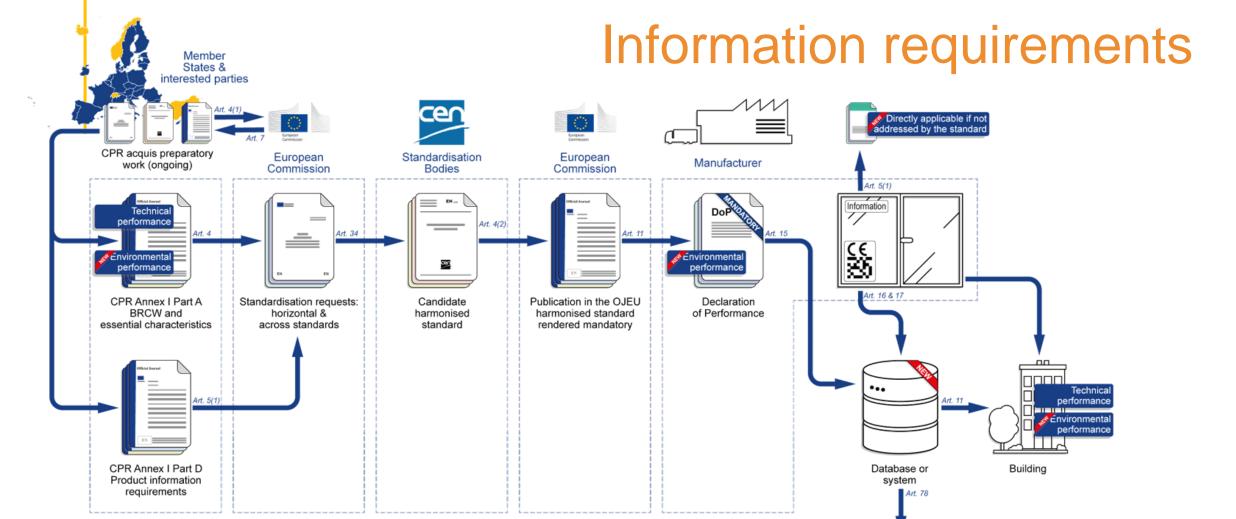
remanufacturing, recycling or safe deposit

- 1.7. Hazardous emissions into the outdoor environment
- 1.8. Sustainable use of natural resources

2. Harmonised technical specifications - requirements considered not relevant

3. Harmonised technical specifications – relevant requirements

4. Harmonised technical specifications – Member States provisions



#### e.g. only mechanical fixing

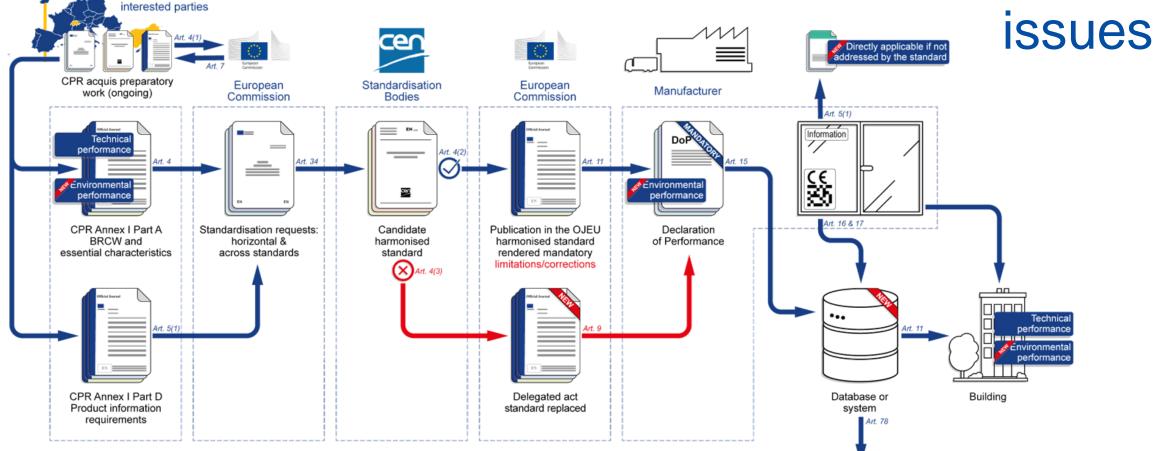
- Relevant information related to the product
- No assessment required
  - Related to safety or environment

European Commission

Links to the CPR

documents



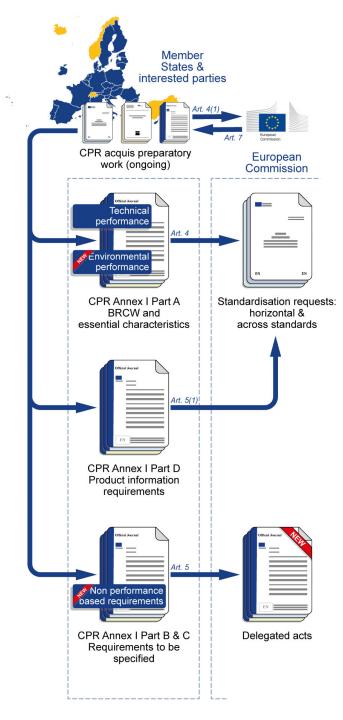


Member States &



Links to the CPR documents





## Conformity requirements

#### Annex I

Part B – Requirements ensuring the appropriate functioning and performance of products

1. Products design and manufacturing requirements

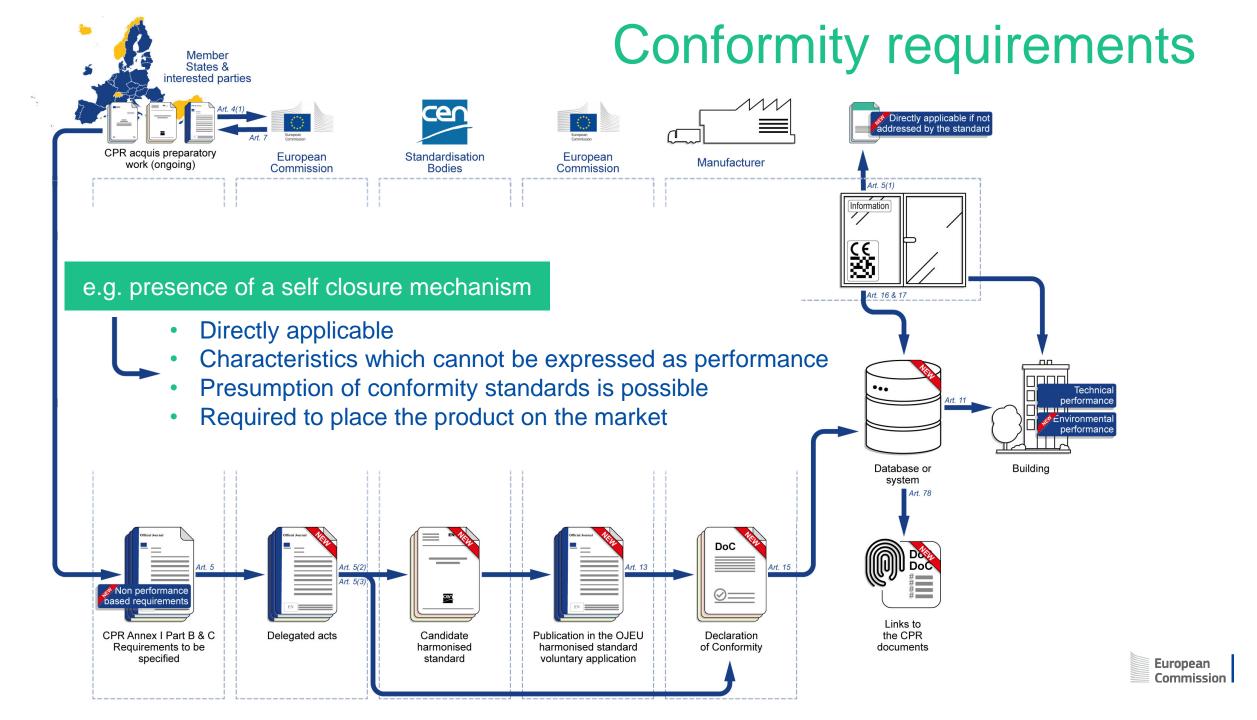
2. The product requirements referred to in point 1 shall be specified in harmonised technical specifications, including by specifying where necessary

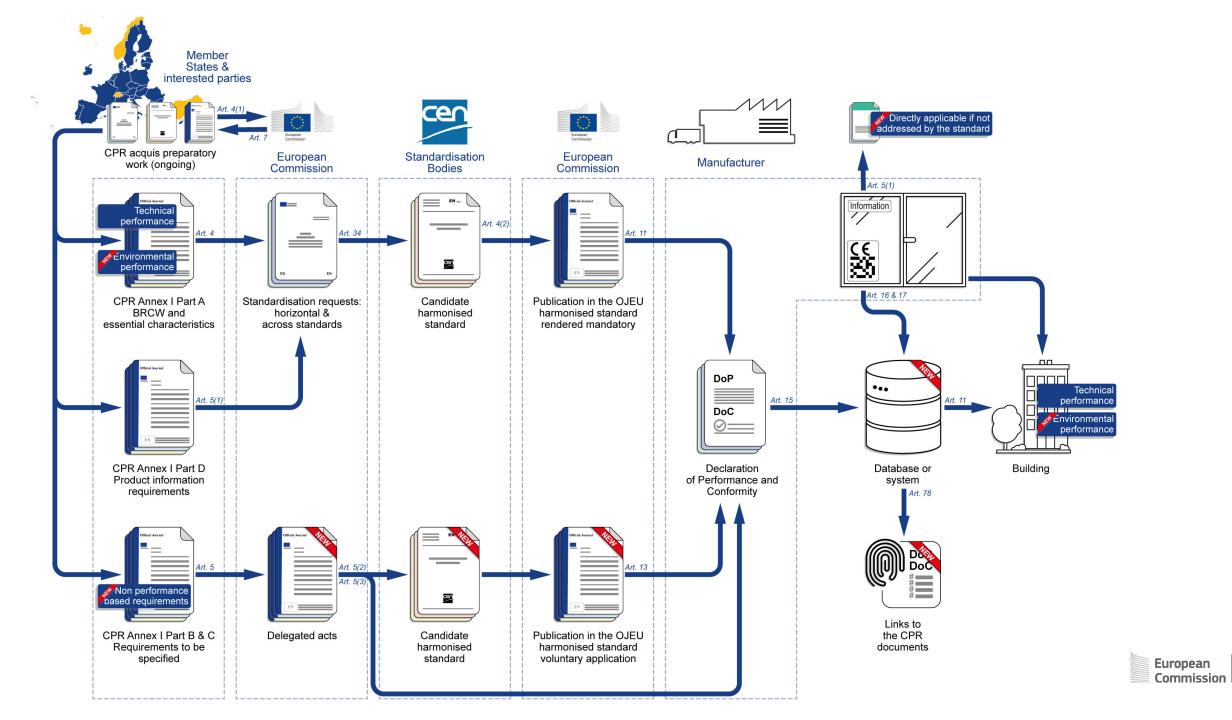
3. Where these product requirements are necessary to ensure the performance with regard to a certain essential characteristic or the compliance with regard to a certain safety or environmental product requirement, this shall be specified in the harmonised technical specifications.

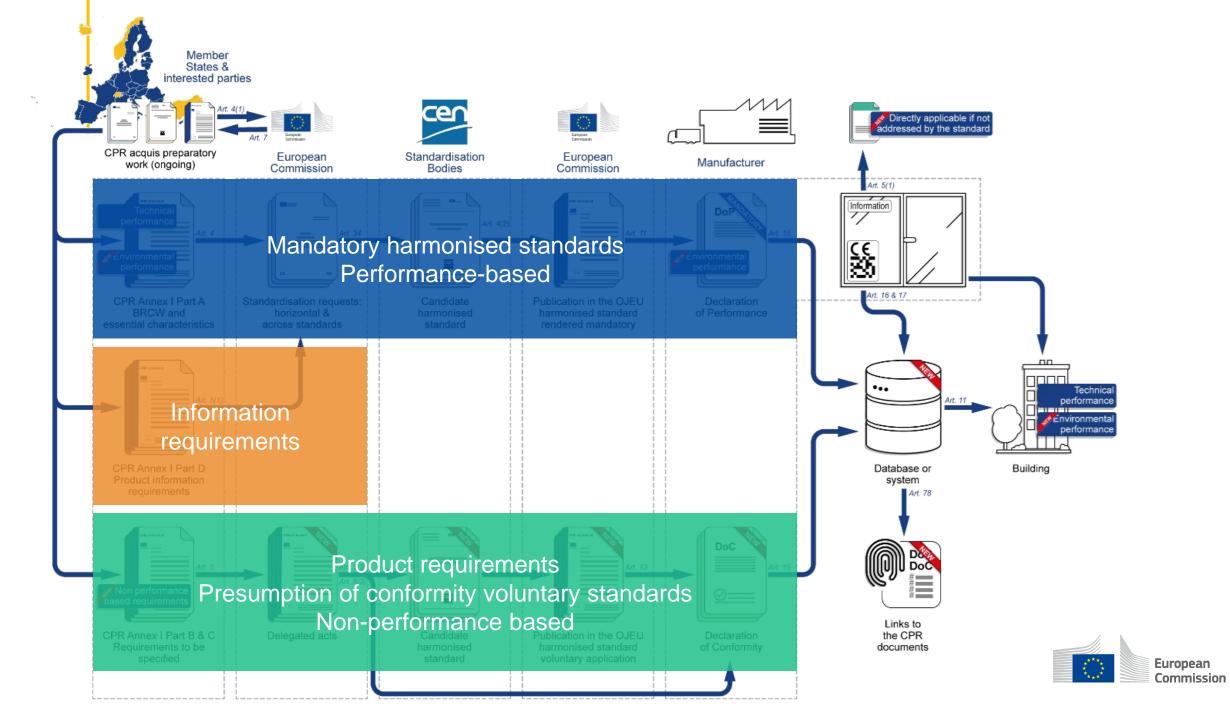
#### Part C – Inherent product requirements

- 1. Inherent product safety requirements
  - 1.1. Product design, manufacturing, and packaging inherent product safety
- 2. Inherent product environmental requirements

2.1. Product design, manufacturing, and packaging inherent product environmental aspects







## CPR and ESPR







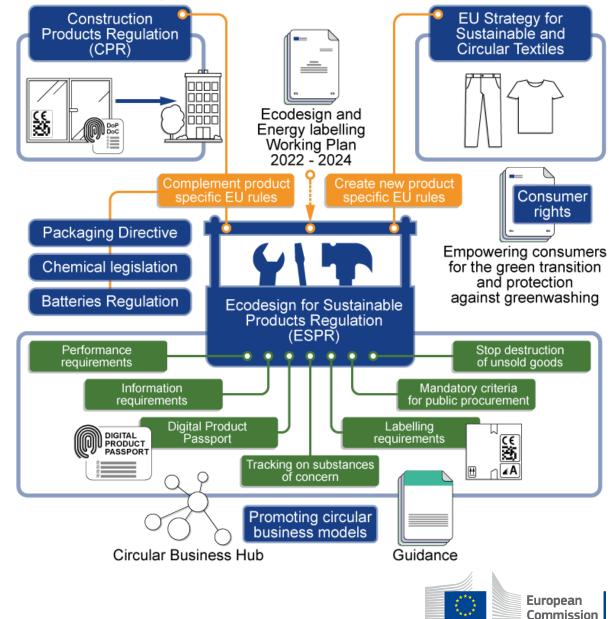
## Circular Economy Spring Package

Package providing the necessary tools to address environmental challenges

CPR to implement ESPR measures to construction products

ESPR also as safety net in case sectoral legislation does not sufficiently address environmental sustainability goals

#### Making sustainable products the norm



## EU Regulatory framework

**ESPR** 

#### 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

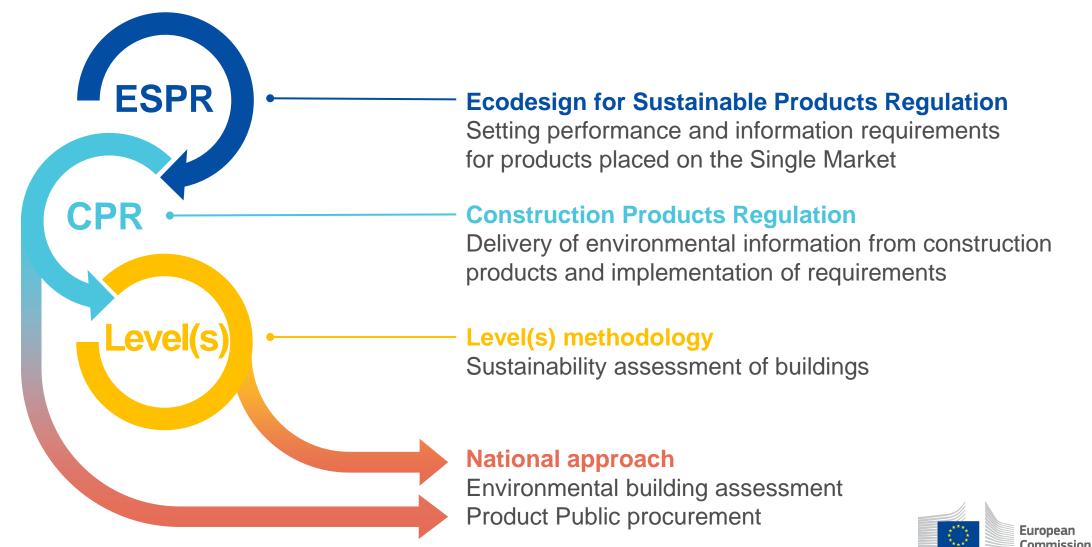
#### **Taxonomy**

Sustainable activities EPBD Sustainable buildings EED

Public procurement of buildings



### National Regulatory framework



#### **Technical approach**

Basic Requirements of Construction Works Annex I Part A point 1

#### Environmental performance

Declaration of environmental indicators using Life Cycle Assessment methodology including compulsory declaration of global warming potential (CO2 eq.) when the applicable standards are cited *Art. 4 Annex I Part A* 

#### Information requirements

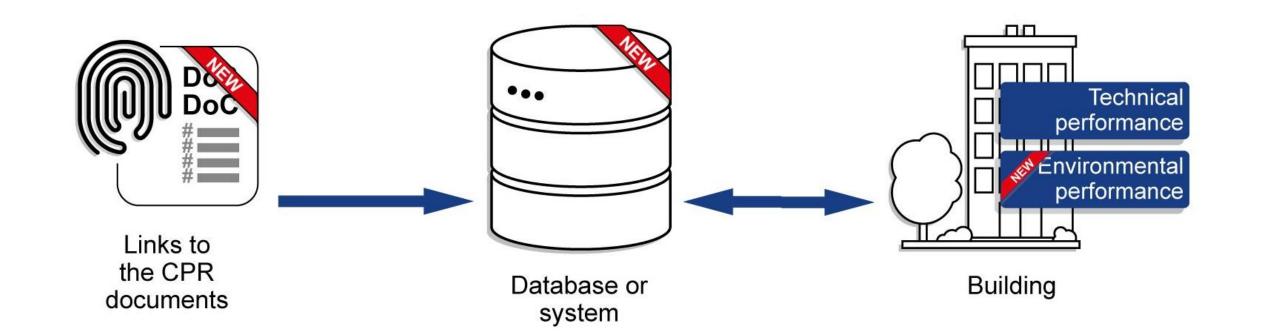
Declaration of environmental related information relevant for the customer directly applicable or according to the standard e.g. relevant information to extend service life, facilitate dismantling, reuse, recycling, etc. *Art. 5(1) Annex I Part D* 

#### Environmental requirements

Implementation of requirements on product and production processes through delegated acts and voluntary harmonised standards e.g. durability, reparability, recyclability, etc. *Art. 5(2) Annex I Part C* 



# Digitalisation



## **Digitalisation objectives**

Make CPR future proof

Reduce administrative burden

Better flow/use of information about construction products

Link product information with inputs and with buildings Use information at building level: EPBD, Building logbooks, Level(s)

Enable reuse, remanufacturing, recycling of products

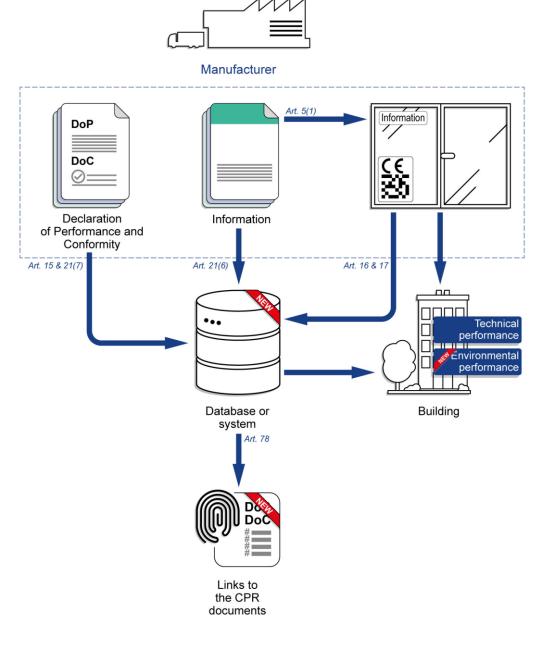
Support market surveillance



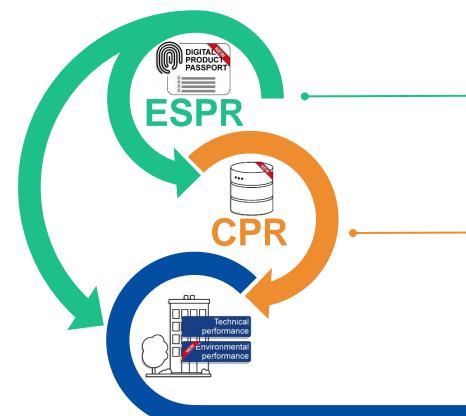
#### Database or system

The manufacturer shall upload the data of the DoP, DoC, the information and the technical documentation in the EU product database or system

Obligation applicable when the manufacturer makes the product available on the market



## Upstream and downstream interoperability



**Ecodesign for Sustainable Products Regulation** DPP content for intermediate products to be linked with CPR database datasets Recognition of

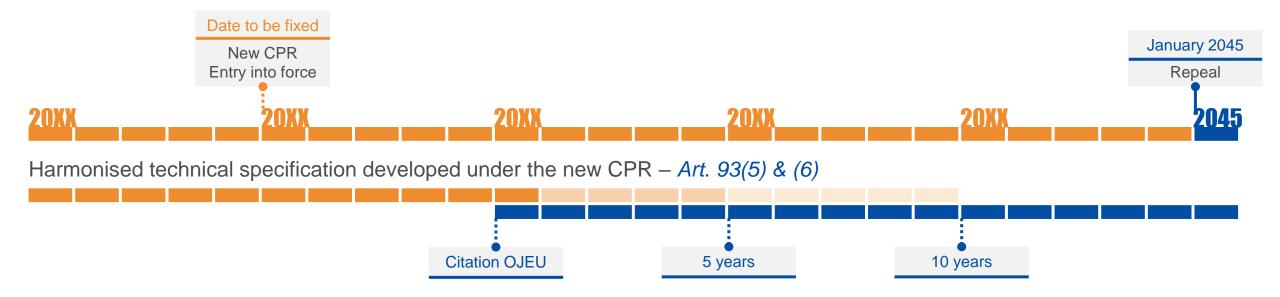
**Construction Products Regulation** Database of DoP, DoC and information

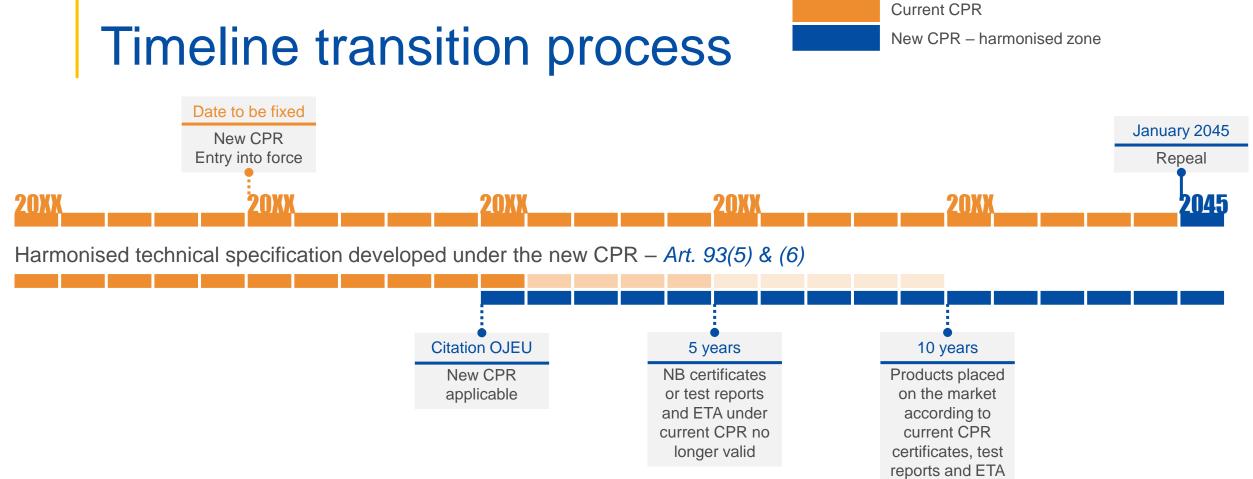
#### **Future information needs**

Digital building logbooks, Level(s), EPBD Reuse and remanufacturing Other circularity issues



# Transition to the new CPR





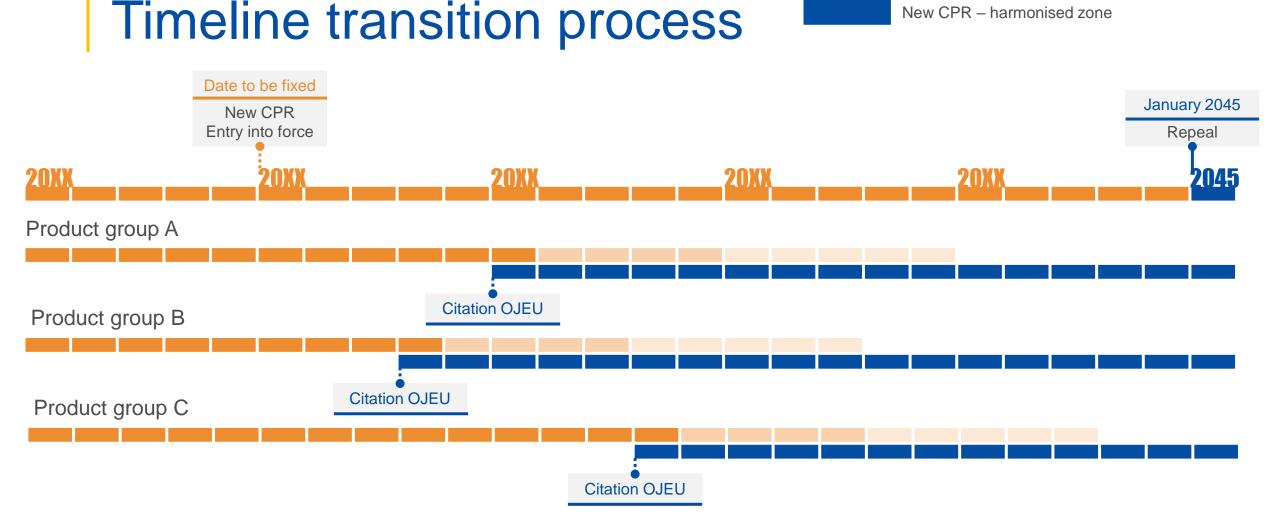
Standards under the current CPR will apply until a standard according to the new CPR will be cited.

Coexistence period of one year is established



not allowed

anymore



Different product groups will have different timeframes

Annex I part D applicable when HTS cited in the OJEU



Current CPR

## Any question?



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