



EU support for the green transition of construction

Nordic capital regions: circular buildings

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*Philippe Moseley,
Policy Officer, Construction Unit, DG GROW*

The EU construction industry ecosystem

- 9.6% of EU Gross Value Added (EUR 1 208 billion)
- 25 million jobs, 5.3 million firms
- 35.9% of waste generated (2018)
- Half of resources extracted



Annual Single Market Report 2022:
<https://ec.europa.eu/docsroom/documents/48877>

Co-creating a transition pathway

- The Commission is co-creating transition pathway towards a **green, digital and resilient** construction ecosystem
- High Level Construction Forum
- Staff Working Document proposed scenarios for transition pathway



Consultation document: [link](#)

Co-creating a transition pathway



Circularity in construction: ongoing action

Circular Economy Action Plan

- **Waste reduction targets** for specific streams and other measures on waste prevention
- Scoping the development of further EU-wide **end-of-waste and by-product criteria**

Renovation Wave

- 2050 roadmap to reduce **whole life cycle carbon** in buildings
- Reviewing **material recovery targets** and supporting the internal market for secondary raw materials
- **Green public procurement criteria**

Whole life cycle GHG emissions

- Level(s) framework for sustainable buildings
- 2050 roadmap for whole life cycle emissions (Renovation Wave)
- Energy Performance of Buildings Directive: Art. 7 New buildings
- Energy Efficiency Directive: Arts 6 & 7
- Construction Products Regulation

Fit for 55 proposals:

<https://europa.eu/!ckCQgP>



Construction Products Regulation (CPR)



- Lays down EU-wide rules for marketing construction products
- Undergoing revision to:
 - ✓ Improve functioning of single market for construction products
 - ✓ Integrate sustainability requirements

CPR review:

<https://europa.eu/!Dy69pr>

Why the CPR revision?

2016 Implementation Report & 2019 Evaluation identified **major shortcomings** in the implementation of the Regulation in relation with: standardisation process, incomplete addressing of MS regulatory needs, remaining national barriers, weak market surveillance and non-implementation of SME measures.



REPAIR AND ENHANCE THE
CORE OF THE CPR LEGAL
FRAMEWORK

EGD, 2020 CEAP, Renovation Wave have identified the CPR as a regulatory tool to address the **sustainability performances** of construction products, including the introduction of minimum **recycled content**, thus contributing to the **overall sustainability** of the construction works.



ENHANCE THE SUSTAINABILITY
OF CONSTRUCTION
PRODUCTS

Vision of the CPR revision

The new CPR aims to boost the internal market for construction products and promote their environmental sustainability. This will contribute to:

- unlocking the construction sector's **growth** and **jobs potential**;
- improving the **competitiveness of the sector**, thus setting positive conditions for a **higher renovation rate**;
- the **green** transition of manufacturing processes (e.g. in energy intensive industries);
- the overall **sustainability** of the **built environment** (including safety and health aspects);
- the efficient use of natural resources by facilitating **reuse and recycling**, thus reducing waste and avoiding landfill;
- the **digital transition of the construction ecosystem** by making available, in digital form, the environmental, climate and structural data to be stored in a **Digital Building Logbook** or for calculations, e.g. LCA, whole life carbon assessments under the EPBD.

CPR: environmental information

Voluntary declaration

- Already available in the market as Environmental Product Declarations (EPD)
- To remain valid as a reference during the design phase

Mandatory declaration

- Implemented progressively by construction product family
- Integrated in the regulatory framework of the CPR
- Linked to the product placing on the market
- Third party validation by notified bodies

EU Taxonomy for sustainable activities

- Objective: direct investments towards “sustainable” projects
- Climate Change Adaptation & Mitigation (in force since January 2022)
- Water, Biodiversity, Pollution, Circular Economy (expected during 2022)

EU Taxonomy:

<https://europa.eu/!WV46yv>



Big Buyers Initiative

Working group on circular construction

- Procurement strategies addressing life cycle of public construction works
- Circular, low-carbon solutions for asphalt, concrete, and base materials

bigbuyers.eu



Circular Economy Principles for Buildings' Design



Study on circular economy principles for buildings' design

Final Report

Study of policy options (2021)
<https://europa.eu/!YGCvbC>



Guidance (2020):
<https://europa.eu/!cf43Cu>

Guidance

- **EU Construction & Demolition Waste Management Protocol**
- Available in 15 languages
- <https://ec.europa.eu/docsroom/documents/20509/>



EU funding programmes

- **Horizon Europe** (EUR 95.5 billion)
- Cluster 4 Digital, Industry & Space
- Cluster 5 Climate, Energy & Mobility
Includes Built4People partnership



Funding & tender opportunities:
<https://europa.eu/!Gk33rj>

Thank You! Merci! Gracias! Diolch!

<https://ec.europa.eu/growth/sectors/construction/>



@EU_Growth @philippemoseley



EU Construction Ecosystem



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