From Construction 2020 to a new vision for a sustainable Built Environment

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Construction industry in EU

Key economic sector

- ≈ 9-10% GDP
- € 100 bn. (est.) trade external to EU
- 3 million companies
- > 90% SMEs
- 20 million jobs

Significant environmental impacts

- 40% of energy consumption
- 36% of CO2 emissions
- 50% of raw materials consumption
- 33% of waste generated
- 33% (fresh) water used
Construction 2020

• Strategy for the sustainable competitiveness of the construction sector and its enterprises (2012)
• Construction 2020 Action Plan (2013)

Thematic Objectives

1. Innovation
2. Skills and qualifications
3. Resource efficiency
4. Regulatory framework
5. Internationalisation

Each thematic objective is supported by a stakeholder thematic group and the High Level Forum.

The European Construction Sector Observatory measures the progress towards Con2020 targets.
Thematic objectives  
Construction 2020

1. Innovation
   - Uptake of Digitalisation
   - Support to SMEs
   - Public Procurement

KEY INITIATIVES

- EU BIM TASK GROUP
- Study and support to SMEs to digitalise
- Smart Readiness Indicator (SRI)
- Smart finance for smart buildings

Buildings Digital Logbook
Digital Industrial Platform for construction
2. Skills and Qualifications

- An industry that delivers while people are valued
- Upskilling and reskilling
- Attractiveness of the sector
- Health and Safety

**KEY INITIATIVES**

- Blueprint for Sectoral cooperation on skills
- Blueprint for Operational Health and Safety
- Built up skills
- Apprenticeship pledges
Thematic objectives
Construction 2020

3. Resource Efficiency and Circular Economy

- Energy
- C&D

**KEY INITIATIVES**

- EPBD (Energy performance on buildings directive)
- Energy Efficiency and labelling
- Level(S)
- Circular Economy Package
- Eco-design
- BAMM
- C&D waste protocol and roadshow
- Building stock observatory
- Pre-demolition audit
Thematic objectives
Construction 2020

4. Regulatory Framework
- Construction Products Regulation (CPR)
- Fire Information Exchange Platform (FIEP)

5. Internationalisation
- Eurocodes
- Assessment of Cross-border trade of Construction Products, production and trade data.
What do stakeholders say on the future of Construction 2020?

“Explore working with cities. They have an interesting point of view of what they need from the construction products, services and the C&D operators.”

‘Involve actors from all the value chain to address lifecycle performance’

‘Vision 2050’

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Industry Association

Government

Industry

EU Institutions

Research Consultancy

Other (NGOs etc.)

[n=188]
Built Environment is defined as the product of construction. It is the human-made space in which people live, work, and recreate on a day-to-day basis including buildings, parks, public spaces and infrastructure for utilities, mobility and leisure.

It is recognised that the contribution of a “high-quality Built Environment is crucial to achieving a sustainable society, characterised by a high quality of life, cultural diversity, individual and collective well-being, social justice and cohesion, and economic efficiency”.
What’s next?

proposed scale for future Built Environment initiative

current scale of intervention

drivers and challenges

opportunities for action

Scales of the built environment

building district urban environment
From a purely sectoral to an integrated, multi-level and multidisciplinary approach!

Life Cycle approach
Thank you!

For further information, please contact me:
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