

## Topic: European Council for Construction Research Innovation and Development (ECCREDI)

### Brief description and main aims:

The European Council for Construction Research, Development and Innovation (ECCREDI) was created in Brussels on 19 December 1995 with the signing of a Memorandum of Understanding by representatives of European federations concerned with construction, in its widest sense. The aim of ECCREDI is to contribute to the competitiveness, quality, safety and environmental performance of the construction sector and to the overall sustainability of the built environment – all urban and transport infrastructures – by advocating for effective construction research, technological and process development and innovation. ECCREDI adds value as a European council that connects its members and establishes areas of common interest, for which joint action is more successful than isolated approaches from individual members.

### Why FIEC is dealing with this issue/topic and its objective(s):

FIEC is a member of ECCREDI and currently holds the presidency. FIEC is able to achieve more by pooling its resources with ECCREDI members, than by acting alone. The priority for the current year is to ensure that Horizon Europe (the next research framework programme) contains adequate opportunities for contractors. Specifically, FIEC has co-signed a communication, which asks for a Co-programmed European Partnership for the Built Environment and Construction.

### Actions and key dates :

- 03/05/2018** – ECCREDI meeting
- 14/11/2018** – ECCREDI hosts a parallel session during the annual ECTP conference
- 22/11/2018** – ECCREDI meeting
- 11/04/2019** – ECCREDI Communication on Horizon Europe



**Horizon Europe must take a holistic approach to construction, to build tomorrow's Smart & Sustainable Europe**

**Our Proposal**  
 Advise a holistic approach in Horizon Europe by creating a Co-programmed European Partnership on the Built Environment and Construction.

**Our Vision**  
 How do we imagine our cities and our society in 2050?  
 Nearly 75% of EU citizens will be living in smart cities, in energy efficient and accessible districts and buildings, made even more efficient – and even energy positive – by innovative products and appliances. While the preservation of our cultural heritage and the energy efficiency of buildings will remain of utmost importance, smart, economic control systems implemented in new and renovated buildings, resulting output from renewable energy sources, will further improve our quality of life and reduce energy bills. The use of digital technologies from the design phase, through out the life cycle of buildings, and the integration of new construction materials combined with smart living will contribute significantly to the achievement of the Circular Economy.

The transport we use between home, work and other daily activities will be completely different. Green, healthy, smart, faster, accessible and including urban staying affordable.

Thanks all stakeholders will have supported the transition towards a smarter and digital Europe.

**Our Built Environment**  
 Construction underpins all key European Union policy goals. In fact, construction is at the crossroads of different economic sectors and essential to all human daily activities. The significance of the sector is reflected in its ability to respond to the multi-faceted main challenges of the European Union jobs, digital economy, energy efficiency, Circular Economy, climate change, demographic changes, health and safety, etc.

However, this promising future that we want to offer European citizens depends on the modernisation of the built environment.

This means that the transformation of the built environment and of the construction sector must be a priority in Horizon Europe in order to build the sustainable Europe of tomorrow. The transformation is already underway but needs to be accelerated to achieve the Sustainable Development Goals by 2030 and beyond. Horizon Europe will be crucial to achieving these aims.

To cope with the disruptive pace of digitalisation and to capitalise on its potential we need a holistic approach in Horizon Europe that will encourage cross-industry, cross-sectoral and cross-border collaboration.

11/04/2019



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Delivering concluding remarks ECCREDI President Sue Arundale said: "The whole #construction industry needs & wants to continue working on the #digital transformation of the business as an enabling factor to address the main societal challenges in Europe" #CECEatBAUMA #bauma2019

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Vous, bauma Official, Riccardo Viaggi et European Commission