

**16 May 2019, Barcelona**

Digital construction skills: enabling the energy transition in Europe's building stock

**Location: Fira de Barcelona - Gran Via venue – Av. Joan Carles I, 64
08908 L'Hospitalet de Llobregat – Barcelona**

16 May 2019 09:30 – 17:30 CET

Programme

09:30 – 10:00 Registration & Coffee

10:00 – 10:20 Opening and welcome: the role of skills in the transition to a sustainable building sector

Patrik Kolar, European Commission EASME, Head of Department “LIFE and H2020 Energy, Environment, Resources”

Enrique Corral, Director General, Fundación Laboral de la Construcción

10:20 – 10:40 Keynote address by Ada Yvars Bravo, Director, Mangera Yvars Architects (MYAA)

10:40 – 11:00 Inspiration : Digital innovation in the building sector, today and tomorrow

Christophe Sykes, Director General, Construction Products Europe

11:00 – 11:15 Supporting the digitalisation and modernisation of EU buildings: the revised Energy Performance of Buildings Directive

Pau Garcia Audi, Policy Officer, European Commission, DG Energy

11:15 – 11:30 Digital innovations transforming the construction sector – EU policy initiatives

Roman Horvath, Policy Officer, European Commission, DG Internal Market, Industry, Entrepreneurship and SMEs

11.30 – 11:45 Coffee Break

Programme

11:45 – 12:45 **Break-out session 1: Digital innovation - what does it mean for professionals of the building value chain?**

Round table discussion on the changes happening in design and construction of buildings using digitalisation, and based on selected examples from EU funded projects

Session 1: Digital innovation in the design of buildings

Valeria Ferrando, EU Head of Research, Integrated Environmental Solutions (IES)

Session 2: Digital innovation in the construction of buildings

Thomas Messervey, Founder & CEO, R2M solutions

12:45 – 13:15 **Highlights from Break-out session 1**

13:15 – 14:15 **Lunch and Demonstration of innovative technologies in the buildings sector**

14:15 – 15:15 **Break-out session 2: How to upskill building professionals for the energy transition**

Round table discussion: what are the skills challenges to design and construct energy efficient buildings using digital technologies? How does this feed into existing qualification schemes? What is the role of certification? What about mutual recognition of skills across borders?

Session 1: National approaches

Javier González López, Head of International Projects, Fundación Laboral de la Construcción

Session 2: Pan-European approaches

Jan Cromwijk, Project Coordinator, Dutch Knowledge Centre for the building and building services sector (ISSO).

Sylvain Kubicki, Senior Research & Technology Associate, Luxembourg Institute of Science and Technology (LIST).

Paul McCormack, Innovation Manager & Andrew Hamilton, Course Director, Belfast Metropolitan College.

Anna Moreno, Senior Project Manager, Italian National Agency for New Technologies, Energy and Sustainable Economic Development (ENEA).

15:15 – 15:45 **Highlights from Break-out session 2**

15:45 – 16:00 **Coffee Break**

16:00 – 17:00 **Panel discussion**

An expert panel will take stock of progress made so far in upskilling the industry for energy efficient buildings, and further steps needed in this field.

Followed by questions from the audience and live polls.

17:00 – 17:30 **Closing & Next steps – Funding opportunities under Horizon 2020**

Amandine De Coster-Lacourt, Project Advisor, EASME