

May 24 and 25

MAY 24 \_ HALL 1

SUSTAINABILITY

09:45 - 10:00 h

**Inauguration**

Celestí Ventura, Cateb president

10:00 - 10:35 h

**The role of the construction industry in the impact of sustainability**

Host: Rafael Capdevila, Cateb

Prof. Thomas Winterstetter, Werner Sobek AG

10:35 - 11:00 h

**Coffee-Networking**

11:00 - 11:40 h

**Model of Integral Energy Rehabilitation of Buildings as a solution towards Sustainability**

Iván Madrigal, EOSZENIT energy

11:40 - 12:05 h

**Applied practices**

**Sustainable financing and European Funds**

Santiago Ribera, BANC DE SABADELL

12:05 - 12:50 h

**Level(s) or how Europe measures CO2**

Host: Ignasi Pérez Arnal, WITS Institute

**The framework of the European Commission to achieve sustainable buildings and the value chain to achieve it**

Núria Matarredona, MITMA

**Roadmaps for the decarbonisation of buildings**

Dolores Huerta, Green Building Council España

**Simulating (the reality) of the environmental performance of buildings**

Licinio Alfaro, Head of the ITeC Sustainable Construction Department

**Building an Eco-quartier in Paris, France**

Miquel Lacasta, ArchiKubik

12:50 - 13:10 h

**Sustainability in heritage buildings. The Recop experience.**

Elena Pellicer, Technical Architect

Teresa Arnal, Technical Architect

13:10 -13:50 h

**The prescription (circular) of constructive systems**

Host: Franco Vietti, MBI Modular Building Institute

**Circular selection criteria between the MMC-Modern Construction Methods**

Luis Fernández, OCH-Offsite Construction Hub Spain

**Another way of building, another way of relating**

Ignasi Cubiñá, Construcía

13:50 - 15:00 h

Break

## CIRCULARITY

15:00 - 15:30 h

**Building digital platforms in construction 4.0**

Host: Olivier Lépinoy, Autodesk

Ricardo Munguia, Ferrovial Construcción

15:30 - 16:10 h

**Industrialize or die**

Host: Juan Carlos Cabrero, director Industrialized Construction course - Technical Architects Madrid

Mark Farmer, CAST

16:10 - 16:40 h

**Applied practices**

**Integral Energy Rehabilitation of Buildings is circular**

Iván Madrigal, EOSZENIT energy

16:40 - 17:05 h

**A toolbox to make Circular Building: The Circular Building Toolkit**

Host: Josep Lluís Blázquez, Perspectiva

Belén Palao, Arup España

17:05 - 17:45 h

**Efficient renovation thanks to digitalization**

Host: Norena Martin, Universidad La Laguna

**Renovating Lisbon using BIM**

Antonio Meireles, ndBIM

**Digital measure of the impacts of renovation systems**

Ferran Bermejo, ITEC

17:45 - 18:10h

**Renovation with BIM - Practical example in change of building use**

Cristian Salmeron, ELECNOR

18:10 -18:35h

**UltraFlex, Certified Liquid Waterproofing System**

Gemma Mogas, EAGLE WATERPROOFING

Daniel Martínez, EAGLE WATERPROOFING

May 24 and 25

**MAY 25 \_ HALL 1**

**INDUSTRIALIZATION**

**09:45 - 10:30 h**

**The importance of standardisation of building elements**

Host: M<sup>a</sup> Begoña López, Componentes y Unidades

**A platform for mass customisation.**

Guillermo Grillo, Bryden Wood

**Advantages of platforms in modular construction**

Sergio Baragaño, Room 2030

**10:30 - 11:00 h**

**Technical-economic comparison of different industrialized systems applied in social housing**

Joan Vallès, Group Head at at CONSTRUCTORA DEL CARDONER

David Brea, Commercial Director at CONSTRUCTORA DEL CARDONER

**11:00 - 11:30 h Coffee-Networking**

**11:30 - 12:15 h**

**Processes 4.0 on site**

Host: Sergio Muñoz, buildingSMART Spain

**Manage the BIM**

Ramon Ribó, Doctor in engineering of roads and canals, Compass.

**Towards the digital transition of construction**

Jesús Angel García, PTEC

**BIM models of the territory in IFC format. We connect the GIS world with the BIM world**

Montserrat Monteagudo, AMB

**12:15 - 12:45 h**

**Applied practices**

**Rehabilitate in green, a bet on well-being**

Montserrat Bosch, MUSAAT

**12:45 - 13:10 h**

**Applied practices**

**BIM incident management with BIMcollab**

Ferran Masip, BIMCollab

**13:10 - 13:35 h**

**Applied practices**

**Industrialized construction with high-performance multi-layer panels**

Diego Rodriguez, Thermochip

**13:35 - 14:15 h**

**Final Conclusions**

**Integral digitalisation of the entire construction process**

Host: Rafael Capdevila, Cateb

Eneritz Barreiro, Tecnalia

Rafael Pedrajas, Grupo Lobe

Iván Rosel, Grupo Lobe