

# 7<sup>th</sup> ECTP Conference

## INNOVATIVE BUILT ENVIRONMENT

### CONFERENCE Programme (v. 2016-11-10)

#### Thursday November 17 (morning)

09:15-09:45	Welcome Coffee (Terarken II+III)
10:00-12:00	<b>OPENING SESSION: Main Challenges of the Built Environment faced by the Sector – Transversal Issues</b>
	<i>Amphitheater "Salle M"</i>
	Welcome: Built Environment to Support Society and Economy - <b>Emmanuel Forest</b> (Bouygues, ECTP President)
	Keynote - <b>Jose-Lorenzo Valles</b> (Industrial technologies Directorate, Advanced manufacturing systems & biotechnologies Unit, EC DG RTD)
	Keynote - <b>Robert Missen</b> (Investment, innovative & sustainable transport Directorate, Innovation & Research Unit, EC DG MOVE)
10:00-12:00	Shaping the future of the innovative built environment - <b>Juan Elizaga</b> (Ferrovia, ENCORD President)
	Accelerating efficiency; utilizing Public-Private collaboration - <b>Jennifer Layke</b> (BEA-SE4All Coordinator)
	Barriers for market uptake and energy efficient business models – <b>Juan Manuel Mieres</b> (Solintel)
	The role of ECTP to foster impacts of projects: example of the 4 EeB CSAs - <b>Regis Decorme</b> (CSTB, EeB-CA2 CSA Coordinator)
	Introduction to parallel sessions - <b>Luc Bourdeau</b> (ECTP Secretary General)
12:00-13:00	Lunch and Innovation Cases Exhibition (Terarken II+III)

#### Thursday November 17 (afternoon)

13:00-18:15	<b>PARALLEL SESSIONS: How the Built Environment innovates in various fields (Part 1)</b>	
	<i>Studio</i>	<i>Terarken I</i>
	<b>CONSTRUCTION INNOVATION FOR THE TRANSPORT INFRASTRUCTURE OF THE FUTURE (Part 1)</b>	<b>MATERIALS AND SUSTAINABILITY INNOVATION IN CONSTRUCTION</b>
	Chair: <b>Miguel Segarra</b> (Dragados, ECTP Vice-President on Infrastructures & Mobility), <b>Alain Zarli</b> (CSTB, REFINET Coordinator)	Chair: <b>Christian Artelt</b> (Heidelberg Cement, ECTP Vice-President on Materials & Sustainability), <b>Gian Marco Revel</b> (Università Politecnica delle Marche)
13:00-14:30	<ol style="list-style-type: none"> <li>Introduction on ECTP I&amp;M strategy and REFINET - <b>Jesus Rodriguez</b> (Spanish Construction Technology Platform)</li> <li>Transport infrastructures R&amp;I priorities and H2020 - <b>Torsten Klimke</b> (Innovation &amp; research Unit, EC DG MOVE)</li> <li>Innovation at transnational transport infrastructure networks - <b>Andreas Boschen</b> (Connecting Europe Facility Department, INEA)</li> <li>Designing future transport infrastructures – <b>Terry Hill</b> (Arup)</li> <li>Upgrading of existing transport infrastructures - <b>Norbert Pralle</b> (Züblin)</li> </ol>	<ol style="list-style-type: none"> <li>Introduction - <b>Olga Rio</b> (Advanced materials &amp; nanotechnologies Unit, EC DG RTD)</li> <li>Responsible sourcing scheme for concrete - <b>Stefan van Uffelen</b> (Concrete Sustainability Council)</li> <li>Circular economy, a must and an opportunity in construction sector - <b>Vladimir Gumilar</b> (Construction Cluster of Slovenia)</li> <li>Key-findings and impact of European research projects under AMANAC - <b>Maria Founti</b> (NTUA)</li> <li>VERAM, a vision for European raw materials towards 2050 - <b>Patrick Wall</b> (European Technology Platform on Sustainable Mineral Resources)</li> <li>The EOTA/ETA regulatory route to facilitate innovative construction materials a smooth and rapid entry into the European internal market - <b>Peter Schellink</b> (EOTA)</li> </ol>
	<b>CONSTRUCTION INNOVATION FOR THE TRANSPORT INFRASTRUCTURE OF THE FUTURE (Part 2)</b>	<b>THE PRESENT AND FUTURE OF CULTURAL HERITAGE AND URBAN REGENERATION RESEARCH</b>
	Chair: <b>Miguel Segarra</b> (Dragados, ECTP Vice-President on Infrastructures & Mobility), <b>Alain Zarli</b> (CSTB, REFINET Coordinator)	Chair: <b>Isabel Rodriguez-Maribona</b> (TECNALIA, ECTP Vice-President on Heritage & Regeneration), <b>Adriana Bernardi</b> (ISAC-CNR)
14:45-16:15	<ol style="list-style-type: none"> <li>Operation of transport infrastructure in the future - <b>Kallistratos Dionelis</b> (ASECAP)</li> <li>The impact of climate change on Transport Infrastructure. What lies ahead - <b>George Paunescu</b> (Adaptation Unit, EC DG CLIMA)</li> <li>The knowledge for the improvement of transport infrastructures - <b>Willy Peelen</b> (TNO)</li> <li>REFINET answers to the need on innovation in transport infrastructures - <b>Clemente Fuggini</b> (D'Appolonia)</li> <li>Debate</li> </ol>	<p><b>Part 1:</b> From RTD to Reality: EU cases studies in Energy and Energy Efficiency in Cultural Heritage</p> <ol style="list-style-type: none"> <li>Energy efficiency in historic buildings, 3ENCULT - <b>Alexandra Troi</b> (EURAC)</li> <li>Energy efficiency in historic cities, EFFESUS - <b>Patricia Pérez</b> (Acciona)</li> <li>Sustainable energy in cultural heritage: narratives from Cheap-GSHPs project experience - <b>Davide Poletto</b> (UNESCO)</li> </ol> <p><b>Part 2:</b> Round table on the future needs of Cultural Heritage Research &amp; Innovation</p> <b>Luc Pockele</b> (RED), <b>Juergen Frick</b> (Univ Stuttgart), <b>Constanze Fuhrmann</b> (FGH), <b>Davide Poletto</b> (UNESCO), <b>Marie Yeroyanni</b> (Sustainable management of natural resources Unit, EC DG RTD)
16:15-16:45	Coffee break and Innovation Cases Exhibition (Terarken II+III)	
	<b>BUILDING AN AGE-FRIENDLY EUROPE</b>	<b>THE INNOVATION FROM THE COUNTRIES TOWARD EUROPE</b>
	Chair: <b>Alexander Peine</b> (Utrecht University, ECTP Vice-President on Active Ageing & Design)	Chair: <b>Jesus Rodriguez</b> (Spanish Construction Technology Platform, ECTP NTPs Network Coordinator)
16:45-18:15	<p>A current roadshow of high-level stakeholder workshops will help create a European Reference Framework for age-friendly housing. Representatives from the housing sector and the European Commission will discuss mid- and long-term actions needed to boost jobs and growth in the age-friendly housing domain.</p> <p>Panelists:</p> <b>Manuel Palomino</b> (Acciona) <b>Michael MacBrien</b> (European Property Federation) <b>Miimu Airaksinen</b> (VTT) <b>Peter Wintlev</b> (EC DG CONNECT) <b>Christian Hauke</b> (EC DG GROWTH)	<ol style="list-style-type: none"> <li>EU framework for innovative public procurement - <b>Antonio Paparella</b> (Clean technologies &amp; products Unit, EC DG GROWTH)</li> <li>ERA-NETs: building synergies between European and national levels - <b>Ana-Maria Grigore</b> (Strategy Unit, Industrial Technologies, EC DG RTD)</li> <li>EUREKA: a platform for international R&amp;I cooperation - <b>Oscar Fernandez</b> (CDTI, MINECO, EUREKA Chairmanship)</li> <li>Round Table with NTPs representatives: <b>Jan Desmyter</b> (Belgium), <b>Mette Glavind</b> (Denmark), <b>Gian Marco Revel</b> (Italy), <b>Przemyslaw Dana</b> (Poland), <b>Vladimir Gumilar</b> (Slovenia), <b>Jesus Rodriguez</b> (Spain)</li> </ol>
20:00-22:00	Conference Dinner (Restaurant KWINT)	

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Friday November 18 (morning)

09:00-12:30	<b>PARALLEL SESSIONS: How the Built Environment innovates in various fields (Part 2)</b>	
	<i>Studio</i>	<i>Terarken I</i>
	<b>CHALLENGES AHEAD: NEW TECHNICAL SOLUTIONS, BUSINESS MODELS AND REGULATORY FRAMEWORKS TO ACCELERATE THE RENOVATION OF EUROPE'S BUILDING STOCK</b>	<b>DIGITAL TRANSFORMATION</b>
	<b>Chair: Javier Bonilla</b> (Acciona, ECTP Vice-President on Energy Efficient Buildings), <b>Jose-Lorenzo Valles</b> (Advanced manufacturing systems & biotechnologies Unit, EC DG RTD)	<b>Chair: Isabel Pinto-Seppä</b> (VTT), <b>Ilari Aho</b> (Uponor)
09:00-10:30	<ol style="list-style-type: none"> <li>The Energy Performance Building Directive - <b>Vasco Ferreira</b> (Energy efficiency Unit, DG Energy)</li> <li>Social acceptance for the implementation of energy efficient measures - <b>Joanna Syrda</b> (ASM)</li> <li>A multi-functional envelope system, MEEFS - <b>Magdalena Rozanska</b> (Acciona)</li> <li>Insulating concrete systems based on novel low CO<sub>2</sub> binders, ECOBINDER - <b>Federico Meneghello</b> (D'Appolonia), <b>José Riesgo</b> (Advanced manufacturing systems &amp; biotechnologies Unit, EC DG RTD)</li> </ol>	<ol style="list-style-type: none"> <li>BIM for construction process - <b>Richard Lane</b> (UK BIM Task Group)</li> <li>ICT for Active Ageing in home - <b>Sara Casaccia</b> (Univ. Politecnica delle Marche)</li> <li>Modern ICT tools for today's cities challenges and the development of healthy economy - <b>Dalibor Baskovc</b> (EuroCloud)</li> <li>IoT based building services - <b>Ilari Aho</b> (Uponor)</li> <li>Innovative design tool for refurbishing of buildings at district level - <b>Kari Nöjd</b> (SWECO)</li> <li>ICT for Energy Efficient Buildings - <b>Esa Nykänen</b> (VTT), <b>Kris Mc Glinn</b> (Trinity College Dublin)</li> </ol>
10:30-11:00	<i>Coffee break and Innovation Cases Exhibition (Terarken II+III)</i>	
	<b>POSITIVE ENERGY BLOCKS FOR A SUSTAINABLE BUILT ENVIRONMENT</b>	<b>FINANCING SOLUTIONS BEYOND THE PROJECT DURATION</b>
	<b>Chair: Paul Cartuyvels</b> (Bouygues Europe, ECTP Presidency)	<b>Chair: Franziska Bergmann</b> (Steinbeis)
11:00-12:30	<ol style="list-style-type: none"> <li>The concept of the Positive Energy Blocks and feed back from the field visit to the pioneer PEB of Hikari in Lyon - <b>Paul Cartuyvels</b> (Bouygues Europe)</li> <li>The role of the Positive Energy Blocks in the Smart Cities and Communities approach of the Commission - <b>Orsola Irene Mautone</b> (New energy technologies, innovation and clean coal Unit, DG Energy)</li> <li>Financing Positive Energy Blocks across the EU - <b>Djilali Kholi</b> (Wavestone)</li> <li>Debate</li> </ol>	<p>Experts will present funding programmes and mechanisms for the financing of innovative technologies developed in EeB projects within FP7/Horizon2020, when funding is needed for the last mile towards commercialisation and market uptake.</p> <ol style="list-style-type: none"> <li>Introduction to EeB-CA2 - <b>Franziska Bergmann</b> (Steinbeis-Europa-Zentrum)</li> <li>KIC-Inno Energy. Engineering innovation - <b>Frank Steggink</b> (KIC-Inno Energy)</li> <li>The InnovFIN Programme - <b>Oliver Cusworth</b> (European Investment Bank)</li> </ol>
12:30-13:30	<i>Lunch and Innovation Cases Exhibition (Terarken II+III)</i>	

Friday November 18 (afternoon)

13:30-16:00	<b>PLENARY SESSION: Roadmaps and future RDI priorities for the Built Environment</b>	<b>LINKED EVENT: EeB-CA2 Matchmaking Event</b>
	<i>Amphitheater "Salle M"</i>	<i>Terarken I</i>
	<b>Chair: Emmanuel Forest</b> (Bouygues, ECTP President)	<b>Chair: Franziska Bergmann, Maeva Pratlong</b> (Steinbeis)
13:30-15:00	<b>Roadmaps from Partner Organisations</b> <ol style="list-style-type: none"> <li>Digital challenges for the European Construction companies - <b>Jean-Louis Marchand</b> (FIEC President)</li> <li>Shaping the future of construction, a breakthrough in mindset and technology, World Economic Forum report - <b>Norbert Pralle</b> (Züblin)</li> <li>Building for society. Reflexions on future research and innovation needs - <b>Kristina Mjörnell</b> (SP, ENBRI President)</li> <li>The CIB research roadmap for a Smart City vision - <b>Miimu Airaksinen</b> (VTT)</li> </ol>	<p>The EeB-CA2 Matchmaking Event will allow stakeholders along the whole value chain of energy-efficient buildings to meet in pre-arranged bilateral meetings (30 min. each). This will give them the opportunity to get to know each other and discuss possibilities of technological/research/commercial cooperation.</p> <p>Furthermore, the event is open to financing bodies so that technology owners have the chance to directly present their innovations to potential investors.</p> <p>Registration and booking of bilateral meetings at: <a href="https://www.b2match.eu/eebca2">https://www.b2match.eu/eebca2</a></p>
15:00-16:00	<b>Chair: Emmanuel Forest</b> (Bouygues, ECTP President)	
	<b>Round Table: Which focus as regards the future RDI needs of the Built Environment sector?</b> <ul style="list-style-type: none"> <li>o <b>Javier Bonilla</b>, ACCIONA, ECTP Energy Efficient Buildings Committee</li> <li>o <b>Miguel Segarra</b>, DRAGADOS, ECTP Infrastructure and Mobility Committee</li> <li>o <b>Christian Artelt</b>, HeidelbergCement, ECTP Materials and Sustainability Committee</li> <li>o <b>Isabel Rodriguez</b>, Tecnalia, ECTP Heritage and Regeneration Committee</li> <li>o <b>Alexander Peine</b>, Utrecht University, ECTP Active Ageing and Design Committee</li> <li>o <b>Stefano Carosio</b>, D'Appolonia, EeB PPP Partnership Board</li> </ul> with the participation of the Speakers from Partner Organisations	
16:00	<i>Closure</i>	

**Location:**

Palais des Beaux Arts de Bruxelles  
23 Rue Ravenstein, 1000 Brussels Belgium

