

7th ECTP Conference

INNOVATIVE BUILT ENVIRONMENT

CONFERENCE Programme (v. 2016-11-06)

Thursday November 17 (morning)

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

Thursday November 17 (afternoon)

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

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09:00-12:30	PARALLEL SESSIONS: How the Built Environment innovates in various fields (Part 2)	
	<i>Studio</i>	<i>Terarken I</i>
	CHALLENGES AHEAD: NEW TECHNICAL SOLUTIONS, BUSINESS MODELS AND REGULATORY FRAMEWORKS TO ACCELERATE THE RENOVATION OF EUROPE'S BUILDING STOCK	DIGITAL TRANSFORMATION
	Chair: Ignacio Calvo or Javier Bonilla (Acciona, ECTP Vice-President on Energy Efficient Buildings), Jose-Lorenzo Valles (Advanced manufacturing systems & biotechnologies Unit, EC DG RTD)	Chair: Isabel Pinto-Seppä (VTT), Ilari Aho (Uponor)
09:00-10:30	<ol style="list-style-type: none"> The Energy Performance Building Directive - Vasco Ferreira (Energy efficiency Unit, DG Energy) Social acceptance for the implementation of energy efficient measures - Joanna Syrda (ASM) A multi-functional envelope system, MEEFS - Magdalena Rozanska (Acciona) Insulating concrete systems based on novel low CO₂ binders, ECOBINDER - Federico Meneghello (D'Appolonia) The EeB PPP results and monitoring report - Stefano Carosio (D'Appolonia), José Riesgo (Advanced manufacturing systems & biotechnologies Unit, EC DG RTD) 	<ol style="list-style-type: none"> BIM for construction process - Richard Lane (UK BIM Task Group) ICT for Active Ageing in home - Sara Casaccia (Univ. Politecnica delle Marche) Modern ICT tools for today's cities challenges and the development of healthy economy - Dalibor Baskovc (EuroCloud) IoT based building services - Ilari Aho (Uponor) Innovative design tool for refurbishing of buildings at district level - Kari Nöjd (SWECO) ICT for Energy Efficient Buildings - Esa Nykänen (VTT), Kris Mc Glinn (Trinity College Dublin)
10:30-11:00	<i>Coffee break and Innovation Cases Exhibition (Terarken II+III)</i>	
	POSITIVE ENERGY BLOCKS FOR A SUSTAINABLE BUILT ENVIRONMENT	FINANCING SOLUTIONS BEYOND THE PROJECT DURATION
	Chair: Paul Cartuyvels (Bouygues Europe, ECTP Presidency)	Chair: Franziska Bergmann (Steinbeis)
11:00-12:30	<ol style="list-style-type: none"> The concept of the Positive Energy Blocks and feed back from the field visit to the pioneer PEB of Hikari in Lyon - Paul Cartuyvels (Bouygues Europe) The role of the Positive Energy Blocks in the Smart Cities and Communities approach of the Commission - Orsola Irene Mautone (New energy technologies, innovation and clean coal Unit, DG Energy) Financing Positive Energy Blocks across the EU - Djilali Kholi (Wavestone) Debate 	<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"> Introduction to EeB-CA2 - Franziska Bergmann (Steinbeis-Europa-Zentrum) KIC-Inno Energy. Engineering innovation - Frank Steggink (KIC-Inno Energy) The InnovFIN Programme - Oliver Cusworth (European Investment Bank) COMSE tools - EC DG RTD
12:30-13:30	<i>Lunch and Innovation Cases Exhibition (Terarken II+III)</i>	

Friday November 18 (afternoon)

13:30-16:00	PLENARY SESSION: Roadmaps and future RDI priorities for the Built Environment	LINKED EVENT: EeB-CA2 Matchmaking Event
	<i>Amphitheater "Salle M"</i>	<i>Terarken I</i>
	Chair: Emmanuel Forest (Bouygues, ECTP President)	Chair: Franziska Bergmann, Maeva Pratlong (Steinbeis)
13:30-15:00	Roadmaps from Partner Organisations <ol style="list-style-type: none"> Digital challenges for the European Construction companies - Jean-Louis Marchand (FIEC President) Shaping the future of construction, a breakthrough in mindset and technology, World Economic Forum report - Norbert Pralle (Züblin) Building for society. Reflexions on future research and innovation needs - Kristina Mjörnell (SP, ENBRI President) The CIB research roadmap for a Smart City vision - Miimu Airaksinen (VTT) 	<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>
15:00-16:00	Chair: Emmanuel Forest (Bouygues, ECTP President)	<p>Registration and booking of bilateral meetings at: https://www.b2match.eu/eebca2</p>
16:00	<i>Closure</i>	

Location:

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

