



Conference 2011



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Ministry of Science
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Republic of Poland



**Let's Construct Europe's Future
With Innovative Buildings and Infrastructures**

Construction and Societal Challenges

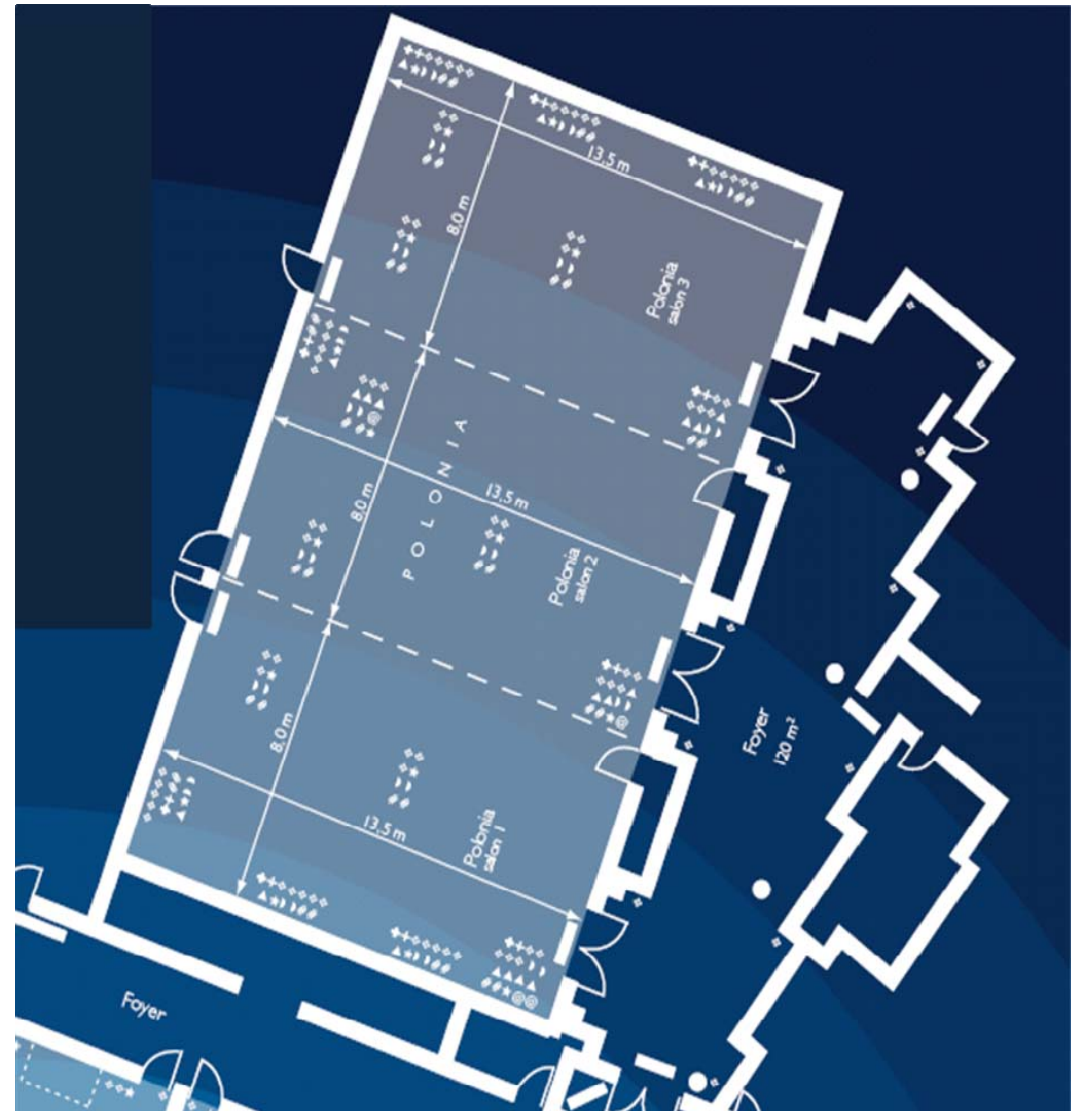
**Radisson Blu Centrum Hotel - WARSAW
04 / 05 October 2011**

Conference Programme
(version October 5)

Overall Programme → Page 2

Detailed Programme:

- **October 4 → Pages 3 & 4**
- **October 5 → Pages 5 & 6**
- **Workshops → Page 6**





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Tuesday 04 October 2011

08.00-09.00	Registration	
09.00-10.30	Opening Welcome Session: Welcome addresses by Polish Authorities and EC Representatives - Conference overview	
10.30-11.00	Coffee Break	
11.00-12.30	Opening Keynote Session: Overview presentations illustrating the scope of the Conference	
12.30-13.30	Lunch	
13.30-15.00	Parallel Session 1A Infrastructure Networks for a Sustainable Europe	Parallel Session 2A Cultural Heritage
		Parallel Session 3A Energy-efficient Buildings and Districts: Project Review
15.00-15.30	Coffee Break	
15.30-17.00	Parallel Session 1B Infrastructure Networks for a Sustainable Europe	Parallel Session 2B Processes
		Parallel Session 3B Energy-efficient Buildings and Districts: Project Review
13.30-19.00	Afternoon Working Sessions (13.30-17.00: EeB Brokering / 17.15-19.00: ICT4E2B Forum)	
20.00-22.30	Conference Dinner (optional) at Restaurant Krokodyl	

Wednesday 05 October 2011

09.00-10.30	Parallel Session 1C Infrastructure Networks for a Sustainable Europe	Parallel Session 2C Eracobuild: National Programmes and Trans-national Projects	Parallel Session 3C Energy-efficient Buildings and Districts: The role of ICT
10.30-11.00	Coffee Break		
11.00-12.30	Parallel Session 1D Ageing and Construction	Parallel Session 2D Eracobuild: National Programmes and Trans-national Projects	Parallel Session 3D Energy-efficient Buildings and Districts: Roadmapping
09.00-12.30	Morning Working Sessions (09.00-10.30: SMEs in European RDI / 11.00-12.30: reFINE meeting)		
12.30-13.30	Lunch		
13.30-15.00	Concluding Session and Closing		
15.00-15.30	Coffee Break		
15.30-17.00	ECTP General Assembly		



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Tuesday 04 October 2011 – Morning Plenary Session

09.00-10.30

Polonia

Opening Welcome Session

Chair: **Ger Maas**, BAM, ECTP HLG Chairman – **Gaëtan Desruelles**, Bouygues, E2BA President – **Theo Zillner**, BMVIT, Eracobuild Chairman

Minister Olgierd Dziekoński, Secretary of State, Cabinet of the President of the Republic of Poland

José-Lorenzo Vallès, Head of Unit G.2, DG Research and Innovation, European Commission

Jacek Czech, Deputy General Secretary, Polish Chamber of Commerce

Andrzej Siemaszko, President of the Polish NCP for FP7

Luc Bourdeau, ECTP-E2BA Secretary General - *Conference Overview*

10.30-11.00 - Coffee Break

11:00-12:30

Polonia

Opening Keynote Session

Chair: **Ger Maas**, BAM, ECTP HLG Chairman – **Gaëtan Desruelles**, Bouygues, E2BA President – **Theo Zillner**, BMVIT, Eracobuild Chairman

Ger Maas, Director Strategy, BAM, ECTP HLG Chairman – *Construction and Societal Challenges*

Claudia Dankl, ÖGUT, on behalf of **Theo Zillner**, BMVIT, Eracobuild Chairman - *The role of Member States in Trans-National Research and Innovation*

Grazyna Wojcieszko, DG Information Society and Media, European Commission - *The role of ICT in Energy Efficiency*

Terry Hill, Chairman ARUP Group Trusts - *Vision of the Role of RDI in Construction to Support Europe to Overcome the Debt Crisis*

12.30-13.30 – Lunch

Tuesday 04 October 2011 – Afternoon Parallel Sessions

	Polonia 1	Polonia 2	Polonia 3
13.30 - 15.00	<p>Infrastructure Networks for a Sustainable Europe Chair: Dominique Planchon, DG Research and Innovation - Jean-Pierre Hamelin, Soletanche-Bachy</p> <ul style="list-style-type: none"> • Jean-Pierre Hamelin, Soletanche-Bachy - <i>Towards an inter-ETPs SRA for Infrastructure</i> • Elena Martin Diaz, Dragados - <i>Infrastructure for Urban Mobility</i> • Livia Pardi, Autostrade - <i>Infrastructure for Long Distance Transport</i> • Francisco Esteban-Lefler, FCC - <i>Greening Infrastructure Networks</i> • Frédéric Bourquin, IFSTTAR - <i>Smart and Resilient infrastructure Networks</i> • Laura Tordera, Ferrovial - <i>Infrastructure in an Inclusive Society</i> • Maria Zalbide, Tecnalia - <i>Health and Safety</i> <p>• <i>Open Discussion</i></p>	<p>Cultural Heritage Chair: Michel Chapuis, DG Research and Innovation - Isabel Rodriguez-Maribona, Tecnalia</p> <ul style="list-style-type: none"> • Isabel Rodriguez-Maribona, Tecnalia - <i>Cultural Heritage Priorities</i> • Michel Chapuis, DG Research and Innovation - <i>Cultural Heritage Research in FP7</i> • Marjana Sijanec Zavrl, ZRMK - <i>Climate For Culture</i> • Daniel Martin, CARTIF - <i>Efficient Energy for EU Cultural Heritage (3ENCULT)</i> • Adriana Bernardi, CNR-ISAC - <i>Technologies and Tools to Prioritize Assessment and Diagnosis of Air Pollution Impact on Immovable and Movable Cultural Heritage (TeACH)</i> • Javier García Jaca, Tecnalia - <i>InnovativE anti-graFFiti product for Application in the Cultural Heritage of EUROpe (EFFACEUR)</i> 	<p>Energy-efficient Buildings and Districts: Project Review Chair: Patrice Millet, DG Research and Innovation - Marta Fernandez, ARUP</p> <ul style="list-style-type: none"> • Marta Fernandez, ARUP - <i>EeB PPP Review 2011</i> • Juliusz Zach, Mostostal - <i>New μ-CHP Network Technologies for Energy Efficient and Sustainable Districts (FC-DISTRICT)</i> • Miguel Angel Bengochea, Keraben - <i>Development of a Novel and Cost-effective Range of Nanotech Improved Coatings to Substantially Improve NIR Properties of the Building Envelope (COOL-Coverings)</i> • Sabina Jordan, ZAG - <i>Cost Effective Slovenian Pilot Building (Cost-Effective)</i> • Piotr Dymarski, Mostostal - <i>Supporting Decision Making in Building Retrofitting (EnPROVE)</i>
15:00-15:30	Coffee Break		
15.30 - 17.00	<p>Infrastructure Networks for a Sustainable Europe</p> <p>Round table and discussion: “ reFINE as a multi-modal initiative for RDI on Infrastructure Networks ”</p> <p>Chair: Jesus Rodriguez, Dragados</p> <ul style="list-style-type: none"> • with several ETPs representatives: Artemis (Karsten Menzel) ERRAC (Jean-Pierre Hamelin) ERTRAC (Steve Phillips) ESTEP (José Antonio Chica) SusChem (Javier Garcia-Jaca) WaterBorne (Francisco Esteban) WssTP (Alberto Bonilla) 	<p>Processes Chair: Aleksandra Oleksik, ASM – Gian Marco Revel, Università Politecnica delle Marche</p> <ul style="list-style-type: none"> • Menno de Jonge, Ballast Nedam / ENCORD - <i>Progress in BIM: the ENCORD virtual Construction Platform, 5D Initiative and some other main steps</i> • John Desmond, Cygnum - <i>Enhanced insulation in timber-frame housing using recycled materials (InsulaTFH)</i> • Mette Glavind, DTI - <i>Midway on the road to produce industrialized tailor-made concrete structures (TailorCrete)</i> • Johan Vyncke, BBRI - <i>Developing Mobile 3D Data Management Solution for Construction SMEs (Mobi3Con)</i> • Marjana Sijanec Zavrl, ZRMK - <i>Benchmarking and Mainstreaming Building Sustainability (Open-House)</i> 	<p>Energy-efficient Buildings and Districts: Project Review (continued)</p> <ul style="list-style-type: none"> • Jürgen Frick, University of Stuttgart - <i>Cost-Effective Tools for Better Indoor Environment in Retrofitted Energy Efficient Buildings (CETIEB)</i> • Pierre Touya, LogiRep - <i>Experiencing New Models of Coordination for Energy Renovation of Social Housing (SHELTER)</i> • Vladimir Gumilar, Construction Cluster of Slovenia - <i>Multi-Source Energy Storage System Integrated in Buildings (MESSIB)</i> • Juan Perez Sainz de Rosas, Tecnalia - <i>Research Infrastructures for Energy Efficiency in Buildings (RIEEB)</i> • Luk Vandaele, BBRI - <i>Clean and resource efficient buildings for real life (Clear-Up)</i>

Wednesday 05 October 2011 – Morning Parallel Sessions

	Polonia 1	Polonia 2	Polonia 3
09.00 - 10.30	<p>Infrastructure Networks for a Sustainable Europe <u>Chair: Henk Miedema, TNO - Carmine Pascale, STRESS S.c.ar.l.</u></p> <ul style="list-style-type: none"> • Pawel Poneta, Mostostal - <i>New Industrialised Construction Process for Transport Infrastructures Based on Polymer Composite Components (Trans-IND)</i> • Javier Bonilla Diaz, Acciona - <i>Low-disturbance Sustainable Urban Construction (PANTURA)</i> • Frédéric Bourquin, IFSTTAR - <i>Integrated System for Transport Infrastructures surveillance and Monitoring by Electromagnetic Sensing (ISTIMES)</i> • Alberto Giretti, UPM - <i>Sustainable Energy mAnageMent for Underground Stations (SEAM4US)</i> • Andrzej Urbanik, FEHRL- IBDIM - <i>Review of some road research projects</i> 	<p>Eracobuild: National Programmes and Trans-national Projects <u>Chair: Dominique Planchon, DG Research and Innovation - Christiana Hageneder, ÖGUT, on behalf of Theo Zillner, BMVIT, Eracobuild Chairman</u></p> <ul style="list-style-type: none"> • Claudia Dankl, ÖGUT - <i>Building of Tomorrow (Plus) in Austria</i> • Leszek Grabarczyk, Vice- Director of NCBiR, <i>Polish Context and Programmes</i> • Ian Meikle, TSB - <i>UK Context and Programmes</i> • Dirk Otte, ITW - <i>Flemish R&D Programmes and Innovation Support: a Bottom-up and Open Approach</i> • Eric Langenskiold, BuH - <i>Future Trends in Swiss Energy Research</i> • Tom Warras, Tekes - <i>Tekes in the Finnish Innovation System – Encouraging Change in Construction</i> 	<p>Energy-efficient Buildings and Districts: the role of ICT <u>Chair: Grazyna Wojcieszko, DG Information Society and Media - Alain Zarli, CSTB</u></p> <ul style="list-style-type: none"> • Alain Zarli, CSTB - <i>ICT Project Review</i> • Piotr Dymarski, Mostostal - <i>Self Powered Wireless Sensor Network for HVAC System Energy Improvement (TIBUCON)</i> • Marc Bourdeau, CSTB - <i>ICT Services for Energy Efficiency in European Social Housing (E3SOHO)</i> • Arnaud Jay, CEA INES RDI - LITEN/DTS/LEB - <i>A KIC-InnoEnergy Innovation project: Development of a Convergent Design tool to Improve Simultaneously Hydrothermal and Aero-thermal Simulation of Building (DECODE)</i> • Leandro Madrazo, ARC Engenharia i Arquitectura La Salle - <i>Semantic Technologies for Carbon Reduction in Urban Planning (SEMANCO)</i> • Christian Mastrodonato, D'Appolonia - <i>Intelligent Management System to Integrate and Control Energy Generation, Consumption and Exchange for European Sport and Recreation Buildings (SportE²)</i>
10.30-11.00 - Coffee Break			
11.00 - 12.30	<p>Ageing and Construction <u>Chair: Ger Maas, BAM</u></p> <ul style="list-style-type: none"> • Ger Maas, BAM, <i>ECTP and ENCORD Views</i> • Alain Zarli, CSTB - <i>A European Large-scale Initiative for a Future Health- and Ageing-efficient Built Environment</i> • Lorenzo Scalise, Università Politecnica delle Marche - <i>Integrating Advanced Sensors in the Built Environment to Support Ageing and Disabled People</i> • <i>Open Discussion</i> 	<p>Eracobuild: National Programmes and Trans-national Projects (continued)</p> <ul style="list-style-type: none"> • Ivo Opstelten, Energie Sprong - <i>Dutch Leap in Energy Efficiency Built Environment</i> • Eric Langenskiold, BuH - <i>Review of calls and supported trans-national projects by Era(co)build</i> • Erwin Mlecnik, Passiefhuis-Platform vzw / OTB TU Delft - <i>From Demonstration Projects towards Volume Market: Innovations for One Stop Shop in Sustainable Renovation (OneStopShop)</i> • Stefan Gottlieb, SBI-Aalborg University - <i>Procuring and Operating Complex Products and Systems (POCOPSC)</i> 	<p>Energy-efficient Buildings and Districts: Roadmapping <u>Chair: Patrice Millet, DG Research and Innovation - Stefano Carosio, D'Appolonia</u></p> <ul style="list-style-type: none"> • Jesus Isoird, Acciona – <i>Updating the E2BA Vision</i> • Claudia Dankl, ÖGUT - <i>Building Up: Trans-ETPs approach for identifying technical and non-technical opportunities and barriers towards innovation</i> • Christian Mastrodonato, D'Appolonia - <i>ICT4E2B Forum towards an ICT Roadmap</i> • Tarek Hassan, University of Loughborough – <i>ReVISITE</i> • Stefano Carosio, D'Appolonia - <i>Long term E2BA Roadmap, targeting 2020 and beyond</i> • <i>Open Discussion</i>
12.30-13.30 – Lunch			



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Wednesday 05 October 2011 – Afternoon Plenary Session

Polonia

13.30 -
15.00

Concluding Session

Chair: **Ger Maas**, BAM, ECTP Chairman - **Gaëtan Desruelles**, Bouygues, E2BA Chairman – **Theo Zillner**, BMVIT, Eracobuild Chairman

José-Lorenzo Vallés, Head of Unit G.2, DG Research and Innovation, European Commission - *Horizon 2020*

Hans-Guenther Schwarz, BMVIT, *Urban Europe - A Joint Programming Initiative addressing the Grand Challenge of Urbanization*

Prof. Tomasz Szmuc, Vice-Rector of AGH - *EIT and the Example of the KIC InnoEnergy*

Final Message

15:00-15:30 - Coffee Break

Polonia

15.30 -
17.00

ECTP General Assembly

Workshops

Tuesday 04 October 2011 – Afternoon Working Session

Lato

13.30 -
15.00

EeB Brokering Session

Wednesday 05 October 2011 – Morning Working Session

Lato

09.00 -
10.30

Workshop on the role of SMEs in European RDI
Convenor: **Juan-Manuel Mieres**, Solintel

Tuesday 04 October 2011 – Afternoon Working Session

Lato

15.30 -
17.00

EeB Brokering Session

Wednesday 05 October 2011 – Morning Working Session

Lato

11.00 -
12.30

reFINE Working Meeting
Convenor: **Jean-Pierre Hamelin**, Soletanche-Bachy

Tuesday 04 October 2011 – Afternoon Working Session

Lato

17.15 -
19.00

ICT4E2B Forum Workshop
Convenor: **Christian Mastrodonato**, D'Appolonia