ECTP CONFERENCE 2024 PROGRAMME

Tuesday, 5 March 2024

WELCOME & OPENING - Chair: Paul Cartuyvels (Bouygues Europe, ECTP President)

- Welcome by Paul Cartuyvels (Bouygues Europe, ECTP President)
- EU Policies Sustaining Energy Efficiency, Decarbonation and Circular Economy in the Construction and Built Environment Sector - Keynote by Thibault Roy (Policy Officer at European Commission, DG Energy)
- People as game changer for successful innovation in the construction sector: The Living Labs Approach - Keynote by Martina Desole (Director at European Network of Living Labs - ENoLL)
- Introduction to the Conference agenda & parallel sessions, Alain Zarli (ECTP Secretary General)

NETWORKING CLUSTERS THROUGH EUROPE TO REACH THE AMBITIONS OF THE B4P PARTNERSHIP AND OF THE NEW EUROPEAN BAUHAUS - Chairs: Karine Laffont-Eloire (DOWEL Innovation), Isabel Pinto-Seppä (VTT), Anastasiya Yurchyshyna & Alain Zarli (ECTP)

- Introduction by Isabel Pinto-Seppä (VTT)
- The execution of the 2021-2024 Built4People Work Programme and the road to Work Programme 2025 by Eleftherios Bourdakis (Project Adviser, CINEA - European Climate, Infrastructure and Environment Executive Agency)
- Shaping the Future: The New European Bauhaus – Vision and achievements by Emilie Vandam (Policy Officer, Joint Research Center, Unit B.4 - New European Bauhaus)
- NEBULA: A bridge between the B4P Partnership and the New European Bauhaus by Karine Laffont-Eloire (DOWEL Innovation) and Anastasiya Yurchyshyna (ECTP)
- B4PIC Aquitaine-Euskadi-Navarra: the first B4PIC is born, let’s learn by its first steps… by Claudia Hunziker Keller (NOBATEK/INEF4) and Noelia Ortiz Santiso (BUILD:INN)
- Conclusion by Isabel Pinto-Seppä (VTT) & Alain Zarli (ECTP)

NEXT: A JOURNEY INTO THE FUTURE OF CONSTRUCTION & BUILT ENVIRONMENT - Chairs: Rita Moura (PTPC, ECTP Vice-President, Digital Built Environment Committee Chair), Agnieszka Kowalska & Joanna Syrda (ASM Research Solutions Strategy)

- Introduction by Rita Moura (PTPC)
- Tomorrow’s construction: sustainability, innovation and digitalization as drivers of change by Christina Claeson-Jonsson (ENCORD)
- Navigating the future landscape of the built environment by Agnieszka Kowalska & Joanna Syrda (ASM Research Solutions Strategy)
- Panel discussion: Christina Claeson-Jonsson (ENCORD), Ilari Aho (Uponor Corporation, ECTP Presidium), Nedin Muratovic (Umdasch Group) - Moderator: Rita Moura (PTPC)
- Q&A Exchange with audience and panel discussion summary

NATURE-BASED SOLUTIONS AND RENATURING THE BUILT ENVIRONMENT - Chairs: Camilla Lanfranconi (RINA Consulting), Beatriz Pineda (RMIT Europe)

- Introduction and presentation of the ECTP position paper on NBS by Camilla Lanfranconi (RINA Consulting) and Beatriz Pineda (RMIT Europe)
- Nature-based Solutions in synergy with the New European Bauhaus: Transforming Urban Landscapes by Eleni Goni (E²ARC)
- Landscape as Capital, transitioning Luxembourg functional region by Thierry Kandjee (TAKTYK)
- Re-Naturing Cities: Cultural Heritage in synergy with NBS: Learning by the Past, Designing for the Future by Sara Van Rompaey (E²ARC)
- The added value of Cultural Heritage in the context of NBS by Constanze Fuhrmann (German Federal Environmental Foundation - DBU)
- Rewilding our Cities for health and biodiversity by Wendy Steele (RMIT Europe)
- Q&A coordinated by Camilla Lanfranconi (RINA Consulting), Beatriz Pineda (RMIT Europe) and speakers
MATERIALS AND SUSTAINABLE SOLUTIONS FOR A CIRCULAR BUILT ENVIRONMENT - Chairs: Gian-Marc Revel (Università Politecnica Delle Marche, ECTP Vice-President, Materials & Sustainability Committee Chair), Javier Bonilla (ACCIONA Construction, ECTP Vice-President, Built Environment Decarbonisation Committee Chair)

- Introduction by Gian-Marc Revel (Università Politecnica Delle Marche)
- Circularity Report by ENCORD by Magnus Österbring (NCC, WG Sustainability leader and co-author of the report)
- Building component design as an enabler for a circular built environment by Thaleia Konstantinou (TU Delft)
- Round table: Antonio Ferrandez Garcia (I'M 4EU, European Commission, Policy Officer - Research in manufacturing and energy intensive industries), Christian Artelt (Heidelberg Materials), Alfonso Cortés Izurdiaga (Cosentino), Petr Hradil (VTT).
- Moderation and conclusion by Gian-Marc Revel (Università Politecnica Delle Marche) and Javier Bonilla (ACCIONA Construction)

HYDROGEN AND THE BUILT ENVIRONMENT, PAVING THE WAY FOR A DECARBONIZED FUTURE - Chairs: Carmine Pascale (STRESS), Giannicola Loriga (STAM)

- Introduction by Carmine Pascale (STRESS)
- The Hydrogen Task Group in the ECTP Built Environment Decarbonisation Committee by Nicola Di Giulio (STRESS)
- Clean Hydrogen Partnership activities: Synergies and common views for Hydrogen and the Built Environment by Nicolas Bellomo (Hydrogen Europe)
- Round Table discussion: “Bridging the gaps through a coordinated and synergistic agenda” coordinated by Giannicola Loriga (STAM) with:
  - ECTP: Angelo Moreno (STRESS), Antoine Aslanides (HYNAMICS), Ioannis Paspaliaris (NTUA), Javier Bonilla (ACCIONA Construction), Jesus Isidor (TECNALIA)
  - Clean H2 Partnership: Nicolas Bellomo (Hydrogen Europe)
- Conclusion by Carmine Pascale (STRESS) and Giannicola Loriga (STAM)

INCLUSIVE BUILT ENVIRONMENTS: INTEGRATING SOCIAL SCIENCES AND USER-CENTRIC APPROACHES - Chairs: Masi Mohammadi (TU Eindhoven, ECTP Vice-President, Built4Life Committee Chair), Beatriz Pineda (RMIT Europe), Agnieszka Kowalska & Joanna Syrda (ASM Research Solutions Strategy)

- Introduction by Masi Mohammadi (TU Eindhoven, ECTP Vice-President, Built4Life Committee Chair)
- Heritage: preserving cultural identity in rural areas by Isabel Rodriguez-Maribona (Tecnalia)
- Climate in the Built Environment: emphasising well-being and maximizing energy efficiency by Beatriz Pineda (RMIT Europe) and Agnieszka Kowalska (ASM Research Solutions Strategy)
- Healthy Living and ageing: accommodating individual and collective needs amidst the technological challenges like the digital gap by Ignacio Pedrosa (CTIC)
- Interactive Participant Engagement: Breakout group discussions to facilitate in-depth discussions on User-Centric Approaches within the Built Environment; Exploration of potential synergies between user-centric innovation and European initiatives
- Wrap-up and concluding interactive session by Masi Mohammadi (TU Eindhoven), Isabel Rodriguez Maribona (TECNALIA), Beatriz Pineda (RMIT Europe), Agnieszka Kowalska & Joanna Syrda (ASM Research Solutions Strategy), Ignacio Pedrosa (CTIC)

ECTP: 20 YEARS YOUNG AND LOOKING (AHEAD) AT THE FUTURE - Chair: Paul Cartuyvels (Bouygues Europe, ECTP President)

Panellists (per seniority in ECTP):

- Jesus Rodriguez (Universidad Politécnica de Madrid, Chairman of ECTP Support Group from 2004 to 2007)
- Luc Bourdeau (ECTP Secretary General from 2004 to 2016)
- Emmanuel Forest (ECTP President from 2013 to 2020)
- Antoine Aslanides (Hynamics, EeB cPPP co-chair from 2015 to 2020)
Wednesday, 6 March 2024

**KEYNOTE** – Chair: Javier Bonilla (ACCIONA Construction, ECTP Vice-President, Built Environment Decarbonisation Committee Chair)

- Industry experiences on the acceleration of low-carbon buildings by Miimu Airaksinen (Senior Vice President, Development, SRV Group Plc.)

**ENERGY EFFICIENCY IN BUILDINGS AND DISTRICTS WITHIN THE SET PLAN** - Chairs: Cornelia Partsch (ECTP), Nicolas de la Vega (EUREC)

- Buildings as part of the European energy system
  - Introduction into the SET-Plan by Anna Sobczak (European Commission, DG ENER)
  - Overview of IWG5 by Cornelia Partsch (ECTP)
  - Analysis of 2023 NECP drafts for R&I measures in buildings by Nicolas de la Vega (EUREC)
  - Q&A coordinated by Cornelia Partsch (ECTP) and Nicolas de la Vega (EUREC)

- Buildings as an essential part of the transition. Challenges and solutions / Short input of IWG5 CSA task forces
  - Active Modules by Alessandro Pracucci (Focchi Group)
  - White Paper presentation: Materials and sustainable solutions for a circular built environment by Gian-Marco Revel (Università Politecnica delle Marche)
  - Digitalisation of buildings by Huub Keizers (TNO)
  - Q&A coordinated by Cornelia Partsch (ECTP) and Nicolas de la Vega (EUREC)

**INFRASTRUCTURE AND BUILT ENVIRONMENT RESILIENCE TO MAN-MADE AND NATURE EVENTS** - Chairs: Miltiadis Kontogeorgos (RINA Consulting), Miguel Segarra (DRAGADOS, ECTP Vice-President, Infrastructure & Mobility Committee Chair)

- Introduction by Miltiadis Kontogeorgos (RINA Consulting)
- 2004-2024: from safety to resilience by Livia Pardi (Autostrade per l’Italia)
- Resilience of road infrastructure – being ahead of the game by Thierry Goger (FEHRL)
- Resilience: From strategy to implementation by Jesus Isoird (TECNALIA)
- Sustainability and climate resilience metrics and trade-offs in transport infrastructure asset recovery by Stergios Mitoulis (University of Birmingham)
- Conclusion by Miguel Segarra (DRAGADOS)

**INTEGRATED DIGITALISATION FOR THE BUILT ENVIRONMENT** - Chairs: João Moutinho (PTPC), Noemi Jimenez Redondo (CEMOSA), Johanna Kuusisto (VTT)

- Introduction to the Digital Built Environment (DBE) foundations: ECTP DBE Committee, DBE Position Paper, DBE topics in ECTP SRIA by João Moutinho (PTPC)
- CEMBOX: A Digital Twin system for buildings and civil infrastructure assets management by Gloria Calleja Rodríguez & Jose Solís Hernández (CEMOSA)
- Cities’ transformation as smart and sustainable built environment by Johanna Kuusisto (VTT)
- Buildings with "'Feeling": Harnessing Data Analytics for Real-Time Decisions and Empathic Architecture by Ignacio Pedrosa & Irene López de Vallejo (CTIC)
- European Digital Innovation Hubs – a tool for the construction stakeholders by Gaspard Demur (European Commission, DG CNECT), Luigi Perissich (Federcostruzioni) and João Moutinho (PTPC)
- Exchange with audience, Mentimeter poll
- Wrap-up: Next steps / Digital Built Environment topics for 2024 by João Moutinho (PTPC)

**THE POTENTIAL OF CIRCULARITY IN DISTRICT RENOVATION** - Chairs: Clara Mafé (Housing Europe), Nerea Gómez (ECTP)

- Introduction by Clara Mafé (Housing Europe)
- System’s Change: Transitioning from Linear to Circular by Mona Nasseredin (CSTB)
- Lighthouse Projects
  - La Métà: supporting urban renewal projects of social housing providers in Lille by François Coltelloni (La Métà)
  - 6 demonstration Climate-Positive Circular Communities in Europe by Arild Gustavsen (NTNU)
- Knowledge Support Tools
  - e-marketplace: from the lab to the market by Clara Mafé (Housing Europe)
  -Blueprints for replicating lighthouse districts by Nerea Gómez (ECTP)
- Business speed dating moderated by Clara Mafé (Housing Europe) and Nerea Gómez (ECTP)
**HOW OPEN INNOVATION TESTBEDS (OITBs) AND THE METABUILDING PLATFORM STRUCTURE AND FACILITATE A CROSS-SECTORAL EU BUILT ENVIRONMENT INNOVATION** - Chairs: Claudia Hunziker Keller (NOBATEK/INEF4), Germain Adell (Metabuilding ASBL), Bernard Gilmont (European Aluminium Association)

- Introduction by Tom Messervey (R2M Solution)
- *Introducing METABUILDING Labs* by Germain Adell (Metabuilding ASBL)
- *Facilitating universal access to innovation services for the building envelope through the OITBs* by Roberto Lollini (EURAC, from MeZeroE project)
- *Metabuilding platform – virtual meeting point of the European Innovation Ecosystem of the Enlarged Built Environment Sector* by Emre Yontem (EcoWise)
- *The Built4People Innovation clusters – Combining innovation support at regional level with interaction at EU level* by Claudia Hunziker Keller (NOBATEK/INEF4)
- *The O3BETs - building envelope testbeds in different climate-zones helping to speed up innovation* by Bernard Gilmont (European Aluminium Association)
- Debate moderated by Tom Messervey (R2M Solution)

**CLOSING SESSION** - Chair: Paul Cartuyvels (Bouygues Europe, ECTP President)

- Cultural heritage research contributing to climate action: proposal for a European Partnership for Resilient Cultural Heritage - Keynote by Irena Kowalczyk-Kedziora (European Commission, DG Research and Innovation)
- Conclusion by Paul Cartuyvels (ECTP President) and Alain Zarli (ECTP Secretary General)