

Building performance assessment towards Next generation EPCs

Agenda

10:00 – 10:15	Welcome note, Panagiota Chatzipanagiotidou , D ² EPC project / CETH
Session 1: Smart buildings and energy efficiency	
10:15 – 10:30	Supporting automatic dynamic energy simulations under different usage scenarios, Giacomo Chiesa , E-DYCE project / Politecnico di Torino, Department of Architecture and Design
10:30 – 10:45	High capacity thermal storage solution to increase energy efficiency in residential settings, Carlos Ochoa , Ministor project
10:45 – 11:00	Smart Readiness Indicators Analysis for EPCs, Christiana Panteli , D ² EPC project / Cleopa GmbH
11:00 – 11:15	Questions & Discussion
Session 2: Integrating human comfort into energy certification	
11:15 – 11:30	Buildings that see us - the impact of sensor densification in smart environments, Justas Brazauskas , University of Cambridge, Department of Computer Science and Technology
11:30 – 11:45	Integrating human comfort into energy certification, Vivian Dorizas , iBRoadEPC project / BPIE
11:45 – 12:00	Human-comfort and wellbeing Indicators Analysis, Thanos Kalamaris , D ² EPC project / Hypertech
12:00 – 12:15	Questions & Discussion
COFFEE BREAK	
Session 3: Advancements in buildings sustainability assessment	
12:30 – 12:45	A methodology to estimate space heating and domestic hot water energy demand in buildings from low-resolution heat meter data, Daniel Leiria , E-DYCE project / Aalborg University
12:45 – 13:00	Making Building Stock Energy Analysis Robust, Kumar Raushan , PhD researcher at TU Dublin
13:00 – 13:15	Energy performance & LCA Indicators Analysis for EPCs, Paris A. Fokaides , D ² EPC project / Frederick University
13:15 – 13:30	Questions & Discussion
Session 4: Monetizing buildings' energy performance, the use of life cycle costing indicators	
13:30 – 13:45	Monetizing the digital twin (basing itself on building and HVAC data from the EPC process), Gerfried Cebrat , EPC4SES project
13:45 – 14:00	Analysis of cost and economic indicators for EPCs, Mija Sušnik , D ² EPC project / DEMO Consultants BV
14:00 – 14:15	Questions & Discussion

