

DAY 1

THURSDAY, 31ST JANUARY 2019

13.30 - 14.00 — REGISTRATION

14.00 - 14.15 — WELCOME

Leandro Madrazo, ARC Engineering and Architecture La Salle, Barcelona, Spain.

14.15 - 15.30

Session 1: Energy Performance Assessment in Buildings — data capturing and integration, data visualization and analysis; standards for integrated energy information systems, new trends and initiatives

MODERATOR: **Leandro Madrazo**, ARC Engineering and Architecture La Salle, Barcelona, Spain.

KEYNOTE:

Patrik Kolar, Head of Department B (LIFE and Horizon 2020 Energy, Environment, Resources) at the Executive Agency for Small and Medium-sized Enterprises (EASME) in Brussels.
"EU support for buildings' energy performance assessment and certification"

PRESENTATIONS:

Boris Sučić, Jožef Stefan Institute, Ljubljana, Slovenia.
"How to close the gap between calculated and actual energy consumption of building – re-commissioning instead of certification?"

Álvaro Sicilia, ARC Engineering and Architecture La Salle, Barcelona, Spain.

"SEMANTCO: semantic data integration and urban energy models"

COFFEE BREAK — 15.30 - 15.45

15.45 - 17.15

PRESENTATIONS (continuation Session 1):

Matteo Del Giudice, Politecnico di Torino, Italy.
"DIMMER: extending BIM at district level with DIM for energy saving"

Gonçal Costa, ARC Engineering and Architecture La Salle, Barcelona, Spain.

"OPTEEMAL: enhancing BIM models with semantic web technologies to plan building retrofitting at district scale"

Aitor Elorriaga, Institut für Angewandte Systemtechnik Bremen, Germany.

"ENCORE: the concept of energy aware BIM cloud platform in a cost-effective building renovation context"

Gašper Stegnar, Jožef Stefan Institute, Ljubljana, Slovenia.

"Progressive use of BIM for holistic energy renovation of office buildings"

Benjamín González, CYPE Ingenieros S.A., Alicante, Spain.

"BIM integration of the energy certification of buildings"

CLOSING DEBATE (Session 1)

17.15 - 18.45

Session 2: New Approaches and Services — analysis and visualization of energy related data combined with other data sources and development of innovative services for third parties to exploit the integrated data

MODERATOR: **Maria Marques**, FCT/UNL & UNINOVA-CTS, Lisbon, Portugal.

KEYNOTE:

Per Heiselberg, Faculty of Engineering and Science, Department of Civil Engineering, Aalborg University, Denmark.

"Analysis and visualization of monitored data and the potential for improvement of energy efficiency and Indoor environmental quality in residences"

PRESENTATIONS:

Giulia Rinaldi, Bax & Company, Barcelona, Spain.

"Data-driven housing renovation investment planning"

Jordina Vidal, Oriol Vidal Enginyeria, Barcelona, Spain.

"ICTA-ICP: energy performance and operation assessment by means of a BMS"

WORKSHOP DINNER — 20.30

DAY 2

FRIDAY, 1ST FEBRUARY 2019

9.00 - 10.15

PRESENTATIONS (continuation Session 2):

Matija Vajdic, Joint Secretariat, Interreg Central Europe Programme, Vienna, Austria

"Interreg Central Europe and energy efficiency challenges"

Rolf Bastiaanssen, Bax & Company, Barcelona, Spain.

"Energy demand response — novel service models based on building energy data"

Lluís Morer, Catalan Institute for Energy (ICAEN), Barcelona, Spain.

"Enhancing building energy certificates by analysing data stored in the public register of Catalonia"

CLOSING DEBATE (Session 2)

COFFEE BREAK — 10.15 - 10.30

10.30 - 12.00

Session 3: Enhancement of Energy Performance Assessment in Buildings — integration of existing energy performance assessment data with other sources

MODERATOR: Boris Sučić, Jožef Stefan Institute, Slovenia.

KEYNOTE:

David Weatherall, Head of Policy at the Energy Saving Trust, UK.

"Using data to build the market for low carbon renovation in buildings: the evolving data-driven services of energy agencies in providing publicly-funded advice on energetic renovation of buildings"

PRESENTATIONS:

Jure Čižman, Jožef Stefan Institute, Ljubljana, Slovenia.

"ENERFUND: ENERGY Retrofit FUNDing rating tool, lessons learned and future challenges"

Leandro Madrazo, ARC Engineering and Architecture La Salle, Barcelona, Spain.

"ENERPAT/ENERHAT: integrating energy certificates with other data sources to foster building retrofitting"

COFFEE BREAK — 12.00 - 12.15

12.15 - 13.30

PRESENTATIONS (continuation Session 3):

Jordi Macià, Eurecat - Centro Tecnológico de Cataluña, Barcelona, Spain.

"Cost Effective BIPV Design Optimization Methodology"

Christian Riester, Bax & Company, Barcelona, Spain.

"REVALUE: integrating energy efficiency data in building valuation protocols"

Maria Marques, FCT/UNL & UNINOVA-CTS, Lisbon, Portugal.

"About building's flexibility and grid interaction"

CLOSING DEBATE (Session 3)

13.30 - 13.45

Future perspective of TIMEPAC series and closing speech:

Boris Sučić, Jožef Stefan Institute, Slovenia.

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