

REHVA CONFERENCE

3 BRUSSELS SUMMIT

4-5 November 2019

Tuesday 5 November 2019, 9.30 – 16:30
Sofitel Brussels Le Louise, Avenue de la Toison d'Or 40, 1060 Brussels, Belgium

Delivering healthy, zero-carbon buildings by 2050?

AGENDA

09:00 *Registration and coffee*

09:30 **Welcome and opening**

Frank Hovorka, REHVA President

SESSION 1 - EU policies for healthy, zero-carbon and sustainable buildings by 2050

Chair: Frank Hovorka, REHVA President

09:40 **Energy and buildings on the policy agenda of the new Commission**

Paula Rey-Garcia, Buildings and Finance team leader, DG ENER, European Commission

10:00 **Smart Readiness Indicator updates**

Stijn Verbeke, Senior Researcher, Vito

10:15 **TAIL - a pragmatic IEQ indicator for building certification (ALDREN project)**

Pawel Wargocki, Associate Professor, DTU

10:30 **Questions and discussion**

10:45 *Coffee break*

SESSION 2 - Building performance certification to bridge the finance gap

Chair: Frank Hovorka, REHVA President

11:00 **What triggers investors to finance sustainable building projects?**

Frank Hovorka, REHVA President

11:10 **ALDREN certification: translating building performance into financial asset**

Johann Zirngibl, CSTB, ALDREN coordinator

11:25 **Quality Management and technical monitoring to de-risk sustainable investment**

Stefan Plesser, synavision, QUANTUM / QUEST coordinator

11:35 **DGNB certification for sustainable buildings.**

Christine Lemaitre, CEO, DGNB

11:45 **Aggregating sustainable investments / LAUNCH results**

Jessica Stromback, Managing Director, Joule Assets

12:00 **Panel discussion & questions**

Moderator: Anita Derjanecz, REHVA Managing Director

12:30 *Networking Lunch*

SESSION 3 - Sustainability, product efficiency & drinking water systems

Chair: Prof. Jarek Kurnitski, REHVA TRC chair

14:00 **Assessing building sustainability performance**

Josefina Lindblom, Policy Officer, DG ENVI, European Commission

14:20 **Resource efficiency in the HVAC sector s**

Ansgar Thiemann, Business Development Manager, DAIKIN

14:40 **Ecodesign review study on space heating boilers and combination heater**

René Kemna, Director, VHK

15:10 **The upcoming EU Drinking Water Directive**

Ilari Aho, Vice President, UPONOR

15:25 **Hygiene of drinking water systems - a new REHVA Guidebook**

Christian Schauer, Head of the Drinking Water Department, Viega

15:40 **Questions and discussion**

16:00 **Closing remarks**

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12-13 November 2018

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About the event co-funders



www.aldren.eu

@H2020_ALDREN

ALDREN

The ALDREN project is a 3 year- long project, which begun in November 2017. The project consortiums main objectives are to promote the European Common Voluntary Certification scheme (EVCS) as a backbone along with the whole deep renovation process of non-residential buildings. This procedure encourages the transition towards NZE non-residential building stock. Within this project, holistic tools and procedures are required when evaluating the overall benefits from building deep renovation. As well as advocating for renovation, the project also promotes health and comfort for occupants in buildings. REHVA's involvement with ALDREN is developed through REHVA's Technology and Research Committee. This is implemented through trainings which are organised to communicate the ALDREN procedure underpinning the building renovation passports across HVAC engineers in Europe.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n. 754159



QUEST

QUEST- Quality Management Investments for Energy Efficiency is a three-year long EU funded project funded whom focus on investments in sustainability and energy efficiency by investigating empirically risk grading factors that influence energy performance in buildings. QUEST will create a set of tools that will evaluate the energy performances of these advancements which can simply be practiced to all types of sustainability and energy efficiency investments as well as covering project design-construction-operation risks. Financial institutions applying the QUEST toolkit will be able to reduce risk related to wrong assessment of buildings energy performance which will allow a significant increase in return on investment for the sustainable buildings sector.



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement n. 846739



www.quantum-project.eu

@QUANTUM_H2020

Quality Management for Building Performance

QUANTUM is a four year-long EU funded project, started in January 2016. The underlying concept of QUANTUM is that the gap in buildings predicted and monitored performances is not caused by a lack of technology or conceptual intelligence, but by a lack of quality. The consortium targets to reduce this gap by developing and demonstrating pragmatic tools and services for Quality Management (QM), supported by three ICT-driven tools. These tools enable effective QM in all relevant services within the building life cycle, by addressing 1) specification and automated validation of Building Management System functions, 2) in-situ energy metering combined with online data analysis, 3) evaluation of perceived users' comfort via web-based questionnaires. The overall core mechanism is to "design for testability" by specifying transparent performance targets with cost effective testing methodologies.



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