



WORKSHOP



Thursday, 14 March 2019, 11.00-12.30
ISH, Messe Frankfurt, Hall 10.3, Stand D.10

The QUANTUM-Project: New Standards, Tools and Services for Quality Management of Building Performance

Technological developments and the changing regulatory framework push towards highly energy efficient buildings and increase complexity of building systems. As a result, a significant risk emerged: the performance gap which in many cases is due to the lack of quality management of building performance. To tackle these challenges, the research project QUANTUM funded by the Horizon 2020 Programme develops and demonstrates services and tools supporting quality management in design, construction, commissioning and operation phases.

Reducing complexity and increase effectiveness with ICT-based tools that can collect, monitor and interpret representative data sets are critical steps on the way to close the gap between predicted and real energy consumption as well as to enhance occupant comfort. This workshop will present the QUANTUM approach and the developed digital tools, which are being demonstrated in many buildings across Europe.

AGENDA

11:00 Welcome and introduction

Anita Derjanecz, REHVA Managing Director

11:10 Quality management for building performance. Closing the gap between design and operation.

Stefan Hindrics, TU Braunschweig - IGS; Jan Mehnert, TU Braunschweig - IGS

11:25 Energy monitoring of buildings with the NG9 tool

Michele Liziero, Energy Manager, Energy Team

11:40 Comfortmeter assessing occupants' comfort

Benjamin De Bruyn, Consultant, Factor4

11:55 QUANTUM tools in German demo buildings

Jan Mehnert, Scientific Assistant, TU Braunschweig - IGS

12:10 Questions and discussion

12:30 Networking lunch
