

Workshops at CLIMA 2019

Workshop n. 07

New Standards, Tools and Services for Quality Management of Building Performance

Monday, 27 May, 16:00 - 17:30,

Meeting Room TBC

Workshop organizer

QUANTUM



Additional information at:
www.quantum-project.eu



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Presenters

Chair(s)

Dr. Stefan PLESSER

IGS TU Braunschweig/synavision

Speakers

Dr. Stefan PLESSER

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Jan MEHNERT

IGS TU Braunschweig

Ole TEISEN

Sweco

Manuel Krempl

E7

Cormac RYAN

Copilot

Scope

New buildings and deep retrofits with their sophisticated systems for heating, cooling and air conditioning are rather complicated technical systems. Especially building automation and control systems with their new IT-protocols and technical requirements have added complexity to building

projects. Apparently, they are a huge challenge to designers, engineers, construction companies and facilities managers. Therefore, the performance gap appeared: buildings do not work as intended and miss their initial performance targets in operation. This is doubly costly: first, design and construction cause additional cost and then, later, operation cost are also higher than expected.

A solution to this problem can be found in other industries: quality management. In engineering, “quality” describes the degree, to which a set of inherent characteristics of an object fulfills requirements. In short: a building owner should get what he pays for! Consequently, “quality management” is a process of supporting the fulfillment of requirements. Over the last years, two services have evolved as reliable quality management services and are becoming increasingly popular: Technical Monitoring and Commissioning. The workshop will present the current stage of Quality Management for building performance, showcasing relevant ongoing initiatives, guidelines, methods and tools. It will also be the occasion for the official presentation of the REHVA-QUANTUM guidebook *Quality Management for Buildings*, that offers a structured overview of these practices.

Audience

The workshop addresses especially public and private building owners as well as service providers for quality management in building design, construction and operation.

Expected results

Participants will get to know Quality Management tools and guidelines, to be used for an efficient and reliable administration of real estate portfolios.

Programme

15 min	New Standards and Services for Quality Management of Building Performance Dr. Stefan Plesser, IGS TU Braunschweig/synavision
15 min	Technical Monitoring at TU Braunschweig Jan Mehnert, IGS TU Braunschweig
15 min	Commissioning Ole Teisen, Sweco
15 min	Applying TMon and Cx in Projects Manuel Krempl, e7
15 min	Certified Performance Cormac Ryan, COPILOT Certification
15 min	Open discussion
