

## D7.08

### Press Release 2

## [Websites, patents filling, etc.]

**Authors:** Tiziana Buso (REHVA)

**Co-Authors:** Stefan Plessner (IGS)

**Abstract:** This deliverable reports the contents of the 2<sup>nd</sup> QUANTUM press release, issued in December 2017.

PROJECT DATA		DELIVERABLE DATA	
<b>Project</b>	Quantum	<b>Document Identifier</b>	D7.08_Press release 2_171218_V1_TB
<b>Project number</b>	680529	<b>Version</b>	V.01
<b>Lead beneficiary</b>	Technische Universitaet Braunschweig (IGS)	<b>Due Date</b>	18.12.2017
<b>Duration</b>	01.01.2016 - 31.12.2019	<b>Release Date</b>	31.12.2017
<b>Funding code</b>	H2020-EeB-2014-2015/H2020-EeB-2015	<b>Dissemination level</b>	Public
<b>Funding</b>	This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 680529.		

The sole responsibility for the content of this paper lies with the authors. It does not necessarily reflect the opinion of the European Commission (EC). The EC is not responsible for any use that may be made of the information it contains.

## QUANTUM Consortium



**TECHNISCHE UNIVERSITÄT BRAUNSCHWEIG (IGS)**  
POCKELSTRASSE 14, BRAUNSCHWEIG 38106  
Germany



**ENESA a.s. (EA)**  
U Voborniku 852/10, Praha 919000  
Czech Republic



**COWI A/S (COWI)**  
PARALLELVEJ 2, KONGENS LYNGBY 2800  
Denmark



**NORGES TEKNISK-NATURVITENSKAPELIGE  
UNIVERSITET NTNU (NTNU)**  
HOGSKOLERINGEN 1, TRONDHEIM 7491  
Norway



**ETHNIKO KAI KAPODISTRIAKO PANEPISTIMIO  
ATHINON (UOA)**  
6 CHRISTOU LADA STR, ATHINA 10561  
Greece



**EKODOMA (EKO)**  
Zentenes street 12-49, RIGA 1069  
Latvia



**ENERGY TEAM SPA (Energy Team)**  
VIA DELLA REPUBBLICA 9, TREZZANO SUL NAVIGLIO  
20090  
Italy



**FACTOR 4 BVBA (Factor4)**  
KRUISSTRAAT 127, DUFFEL 2570  
Belgium



**e7 ENERGIE MARKT ANALYSE GMBH (E7)**  
WALCHERSTRASSE 11/43, WIEN 1020  
Austria



**SYNAVISION GMBH (SYNA)**  
SCHOENAUER FRIEDE 80, AACHEN 52072  
Germany



**ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE  
(CVUT)**  
ZIKOVA 4, PRAHA 16636  
Czech Republic



**FEDERATIE VAN VERENIGINGEN VOOR  
VERWARMING EN LUCHTBEHANDELING IN  
EUROPA VERENIGING (REHVA)**  
De Mulderij 12, Leusden 3831 NV  
Netherlands



**BUILDING RESEARCH ESTABLISHMENT LTD  
(BRE)**  
BUCKNALLS LANE, WATFORD WD25 9XX  
United Kingdom



**POLITECNICO DI MILANO (eERG-PoliMI)**  
PIAZZA LEONARDO DA VINCI 32, MILANO 20133  
Italy





**History of changes**

CHAPTER NO.	DESCRIPTION OF CHANGE





**Table of Contents**

1 AMEV TMON: QUANTUM CONTRIBUTION TO THE FIRST STEPS TOWARDS THE MARKET UPTAKE OF QUALITY MANAGEMENT PRACTICES ..... 5

    1.1 For more information ..... 6

    1.2 ABOUT QUANTUM..... 6

        1.2.1 Join QUANTUM on Social Media!..... 6





## **1 AMEV TMON: QUANTUM CONTRIBUTION TO THE FIRST STEPS TOWARDS THE MARKET UPTAKE OF QUALITY MANAGEMENT PRACTICES**

**The German Working Group for Mechanical and Electrical Engineering of state and municipal administrations (AMEV) released in August its Guidelines on Technical Monitoring of buildings. The [QUANTUM](#) partners synavision and the Institute for Building and Solar technology (IGS) of TU Braunschweig were key contributors to this document and are now holding workshops throughout Germany to support their implementation.**

**These German guidelines, titled "Technical monitoring as an instrument for quality assurance of building technology", are publicly available [online](#) and will soon be translated into English and shared through QUANTUM channels.**

In August 2017 the German Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety published AMEV Recommendation n.135, about Technical Monitoring. AMEV, the German Research Group for Mechanical and Electrical Technology, National and Communal Administration, prepared these guidelines throughout a year of intense work, which closely involved experts of the QUANTUM consortium.

The result of this work is a key document for the market uptake of Quality Management practices in the building sector. For the first time, an official recommendation defines the process from design planning to commissioning and operation with a clear and precise tender document. Furthermore, it establishes the role of a third-party quality manager to ensure the buildings' functional and economic commissioning and continuous operation.

“Tougher requirements for our buildings and at the same time increasing complexity of technical building services make an effective quality management a prerequisite in design, construction and operation,” says the head of AMEV Torsten Wenisch. “The AMEV recommendation Technical Monitoring supports public administration to facilitate this essential service. One part of the guideline is a clear definition of the service that can be used to easily and precisely tender and contract Technical Monitoring as a service.”

The guidelines specifically address builders and managers of public buildings, to test for the desired quality, especially of building technology, at the interfaces between the planning and building phase and the first use phase, and to establish requirements for energy-efficient, functional and needs-oriented building operations.

To offer practical support to Public Administrations (PAs), the recommendation couples informative content and working documents. The body of the document is dedicated to the detailed description of Technical Monitoring services distinguished by planning, building, and first use phase. The Annexes provide to PAs working documents to be directly used in tenders' specifications.

The publication of AMEV Recommendation 135 opens a series of interesting opportunities to scale up the good practices of Quality Management in the German market and beyond. These guidelines constitute a valuable resource to be integrated with other European/national guidelines about Technical Monitoring, to eventually shape a new EU standard for testing Building Operations.

Additionally, the AMEV guideline can be applied in the German certification scheme Evaluation System for Sustainable Building (BNB). The inclusion of similar valuation modules in other popular certification schemes, such as BREEAM, DGNB or LEED would definitely increase stakeholders' awareness of the importance of Quality Management.





## **1.1 For more information**

### **Stefan Plesser**

Technische Universitaet Braunschweig IGS  
Pockelsstrasse 14, Braunschweig 38106, Germany  
+49 531 391 3555  
contact@quantum-project.eu

## **1.2 ABOUT QUANTUM**

QUANTUM is a 4-years project started in 2016, funded by the H2020 research and innovation programme, led by TU Braunschweig IGS and carried on by 14 partners. The underlying concept of the whole project is that the gap in building performance is not caused by a lack of technology or conceptual intelligence, but by a lack of quality. To address this challenge, QUANTUM develops and demonstrates pragmatic services and tools supporting quality management for building performance in the design, construction, commissioning and operation phase to close the gap between predicted and actual energy performance.

### **1.2.1 Join QUANTUM on Social Media!**

Like and share QUANTUM news on LinkedIn and Twitter to stay up to date!

