



# Skill development of “white collars” towards nZEB

Anita Derjanecz, Managing Director, REHVA

Interdisciplinary skills development of building professionals on nZEB construction

21.11.2017



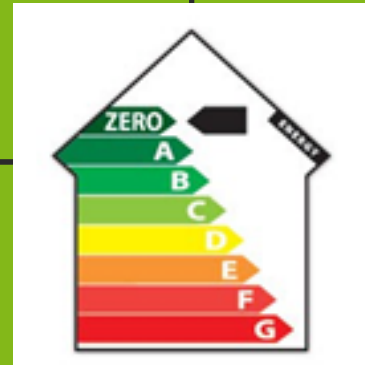
**BUILD UP**

The European Portal For Energy Efficiency In Buildings

# The challenge

Advanced technologies

System integration and digitalisation



Socio-economic aspects

Multidisciplinarity

# Trends that need improved skill set

- Focus on renovation of EXISTING BUILDING stock
- System INTEGRATION, with comprehensive services
- QUALITY management to ensure energy performance, high comfort and proper operation
- Smart buildings and SMART USERS - occupant interaction
- High INVESTMENT cost - Technical assistance for financing schemes with guaranteed performance

# REHVA training and certification initiatives

## Harmonised EPB standards

- EPB centre



- [www.rehva.eu](http://www.rehva.eu)

- ALDREN - EU voluntary certification scheme - non-residential buildings

## Guidelines & REHVA tools

- REHVA Journal & Guidebooks
- REHVA Dictionary App

REHVA Dictionary

- 20 languages
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- Translate words and phrases

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Introduction to Building Automation, Controls and Technical Building Management

REHVA GUIDEBOOK

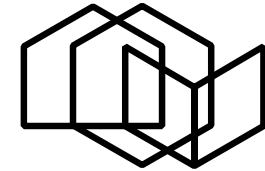
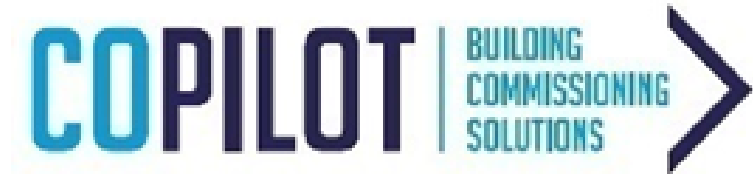
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GUIDEBOOK NO. 22

## EU Certification schemes & QM tools



PROF / TRAC



# Scope and topics of webinar

- Specific skills and knowledge required for the successful design, construction and maintenance of nearly Zero Energy Buildings.
- Training mid- and senior level building sector professionals. Tools and good examples developed by the PROF/TRAC platform.
- Address the needs of housing sector specialists and support the implementation of energy refurbishment projects.

# Speakers



## Peter Op't Veld

PROF/TRAC project coordinator, senior consultant at Huygen Engineers & Consultants Engineers in Maastricht, the Netherlands. His key qualifications are consulting and applied scientific research on (renewable) energy, sustainability, indoor air quality, ventilation and building physics. Part time position as visiting professor at Hasselt University, teaching building physics and building services.



## Philippe Moseley

An architect by training, works at the European Commission's Executive Agency for SME's (EASME), managing parts of the Horizon 2020 programme on energy efficiency in buildings. He is also responsible for managing the Concerted Action Energy Performance of Buildings Directive (CA EPBD), which is a forum of the EU Member States and Norway to exchange on the implementation of the Directive.

# Speakers

## Juan Travesí Cabetas



Consultant Engineer, executive director of A.C.H. S.L.P., a Spanish engineering consultancy company specialized in the design and realization of large scale construction projects. He is also Board member of ATECYR, co-chair of the REHVA Education Committee and teaches also at the IE University, Madrid.

## Sorcha Edwards



Secretary General of Housing Europe, the European federation of public, cooperative and social housing associations. She has been coordinating the HE energy experts network and participating in projects developing training and capacity buildings material on energy refurbishment and nZEB. For HE members, the top priorities are financing & developing business models which ensure affordability for owners and residents, improving tendering and practices to reduce risk and improve collaboration right along the building chain.