

## Workshops at CLIMA 2019

### Workshop n. 10

#### Energy renovation of building stock towards nZEB levels: How to prepare the market for the challenge?

Monday, 27 May, 10:30 - 13:00,

Meeting Room: TBC

#### Workshop organizer(s)

##### Fit-to-NZEB project



**Additional information at:**

<http://www.fit-to-nzeb.com/>



This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 754059

##### iBRoad project



**Additional information at:**

<https://ibroad-project.eu/>



This project has received funding from the European Union's HORIZON 2020 research and innovation programme under grant agreement No 754045

##### Grundfos Pompe Romania



**Additional information at:**

<https://ro.grundfos.com/>

#### Presenters

##### Chair(s)

Horia Petran

INCD URBAN-INCERC & Cluster Pro-nZEB

Dragomir Tzanev

Eneffect

##### Speakers

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Octavian Șerban

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[Name SURNAME]

[Affiliation]

The workshop will demonstrate the achievements of two complimentary international initiatives - the Horizon 2020 projects Fit-to-nZEB (Innovative training schemes for retrofitting to nZEB-levels) and iBRoad (Individual Building Renovation Roadmaps), supporting deep energy retrofit through developing streamlined educational schemes and individual building roadmaps for staged renovation, thus overcoming some of the main barriers for large-scale market uptake of energy efficient building retrofit around Europe. The applicability of new technological developments in the process and the opportunities that technologies bring for cost-effective renovations transforming the building stock will be presented by one of the leaders in this area - Grundfos Pompe Romania, reflecting on the response of the business sector to the new policy development and social challenges.

Focusing on deep energy building retrofit, the workshop will include a dynamic interactive consultation session around the following topics:

- Increasing the demand for quality nZEBs, both new builds and renovations;
- Introducing innovative user-oriented building certification schemes, supporting end-user engagement and providing new tools for more informed and proactive market behaviour;
- Decreasing the performance gaps through large-scale improvement of the skills of the building specialists at all levels - from designers to blue-collar workers;
- Presenting technological developments focused on comfort, cost-efficiency, interconnectedness and quality of habitation;
- Specifics of the building renovation support programmes in countries in Eastern Europe and opportunities for their further development.

## Audience

The target audience is broad and includes professionals (from energy auditors for buildings and designers to representatives of construction companies and on-site tradespersons), decision makers (central and local authorities, representatives of financial institutions and building owners) and technology suppliers.

## Expected results

Through presented content and its discussion-intensive format, the workshop is expected to contribute to a better understanding about relevant current tools and initiatives to facilitate deep energy renovation, while delivering specific recommendations for stimulating the market for deep energy building retrofit in several dimensions:

- *Legislative*: improvement of the legislative framework in the process of adoption of the new EPBD, including further instrumentalization of building certification;
- *Skills-oriented*: putting clear focus on the need for nZEB-oriented qualitative transformation of the training and educational system for building specialists at all levels, targeting both the national education system and informal training and education, including on-site training and recognition of skills and knowledge acquired at the working site.
- *Market-oriented*: involvement of major business actors in the process and support for introduction of new technologies, having positive impact on comfort, health, efficiency and market value of the dwellings;
- *Policy-making*: recommendations for future development of national and, where applicable, local support programmes in the light of the expected national long-term renovation strategies;

## Programme

<b>5 min.</b>	<b>Short introduction by the Chairs on the topic and workshop structure</b>
<b>25 min.</b>	iBRoad - Individual Building Renovation Roadmaps Horia Petran, INCD URBAN-INCERC & Cluster Pro-nZEB
<b>25 min.</b>	<b>Fit-to-nZEB - Innovative training schemes for retrofitting to nZEB-levels</b> Dragomir Tzanev, Eneffect
<b>25 min.</b>	<b>The BetterHome initiative and BetterBuildings</b> Octavian Șerban, Grundfos Pompe Romania
<b>60 min.</b>	<b>Open discussion</b>
<b>10 min.</b>	<b>Conclusions</b>