



**MENS** Meeting of Energy Professional Skills (ME<sub>NS</sub>)



# PROFESSIONAL TRAINING COURSES IN NEARLY ZERO ENERGY BUILDINGS (NZEB)

## ***-CALL FOR APPLICANTS-***

**By the end of 2015, a series of free postgraduate level training courses in Nearly Zero Energy Buildings (NZEB) will begin around Europe. These 'Professional Energy Skills in NZEB' courses aim to empower building professionals through the development of skills in energy efficiency and integration of renewables in the retrofit of existing housing stock.**

### **Objectives:**

The objective of the 'Professional Energy Skills in NZEB' courses is to train building professionals in NZEB strategies and technologies in order to accelerate the adaptation of the recast EU Energy Performance in Buildings Directive (EPBD), which includes the obligation for all public buildings constructed after the 31<sup>st</sup> December 2018 and all buildings constructed after the 31st December 2020 to meet the EPBD NZEB standard. The focus of the courses will be on the renovation of existing housing stock.

These intensive 10 ECTS courses are all accredited by European Universities and aim to:

- Enable building professionals to understand the needs of existing housing stock to be renovated to the NZEB energy performance standard.
- Provide building professionals with the necessary tools and skills to address NZEB implementation over the coming years.
- Build a network of practitioners with NZEB expertise.
- Support CO<sub>2</sub> reduction by means of building retrofitting.



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## **Topics**

The courses will cover the following NZEB related topics:

- NZEB Description and Policies.
- Energy characterization of the building (electrical and thermal performance calculations).
- Materials & Installations suitable for NZEB design and retrofitting
- Integration of Renewable Energy generation
- Energy Building Modelling (tools and techniques).
- Management and Financial Issues.

## **Outcomes:**

On successful completion of the course, participants will have developed an in-depth understanding of the NZEB concept as it applies in their country and around Europe, and the skills necessary to contribute to the NZEB transformation of the EU building stock.

## **Participants:**

The program is for EU engineers, architects and building manager professionals who are interested in energy efficiency applied to buildings.

Applications from women and unemployed people will be given priority in the selection process.

## **Costs:**

In all participating countries, the first three cohorts, each comprising 40 students, will be funded by the European Commission through the 'Meeting of Professional Energy Skills' MEnS Project. Normal course fees will apply for subsequent editions of the courses so don't miss this opportunity for free upskilling!

## **Applications:**

You may apply for the 'Professional Energy Skills in NZEB' courses using the links below. Please visit the websites for further information on the specific application deadlines for each University. We would like to remind you that various editions of the course will be developed throughout the year, so please check back regularly for updates.



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