



**wwetb**

Bord Oideachais agus Oiliúna  
Phort Láirge agus Loch Garman  
Waterford and Wexford  
Education and Training Board



**NZEB** NEARLY ZERO ENERGY BUILD

# FUNDAMENTAL AWARENESS

**WAQ0237**

The course aims to provide learners with the knowledge in the general principles and practices of Nearly Zero Energy Building (NZEB).

## Course Content

### **NZEB PRINCIPLES**

*Basic understanding of NZEB Principles*

### **BUILDING PHYSICS**

*Basic understanding of Building Physics*

### **BUILDING FABRIC**

*Basic understanding of Building Fabric*

*– Continuous Insulation, Thermal Bridging, Air Permeability, Windows and Doors.*

### **BUILDING SERVICES**

*Basic understanding of Building Services – Space heating and Domestic Hot Water, Controlled Ventilation, Lighting, ICT and Smart Technology*

### **RENEWABLE ENERGY, PHOTO-VOLTAICS, SMART METERING AND ELECTRIC**

*Basic understanding of Renewable Energy, Photo-Voltaics, Smart Metering and Electric Vehicles*

### **COMMUNICATION AND USER INFORMATION**

*Understand the required knowledge for Communication and Best Practice User Information*

## CERTIFICATION

This course is City and Guilds Assured and CIF approved.

Upon successful completion of this course, the learner will receive the following award: **Nearly Zero Energy Building (NZEB) Fundamental Awareness (City & Guilds Assured)**

## NZEB TRAINING CENTRE

Our Training facility in Enniscorthy is the first trade specific NZEB Training Centre for Contractors in Europe.

## CURRICULUM

The Curriculum is based on contributions from leading government and industry partners – i.e. CIF, Housing, Planning and Local Government, SEAI, Union Representatives, Local Authorities and Third Level Institutions.

## TUTORS

Training is delivered by experienced and qualified Tutors.

## SKILLS TO ADVANCE FUNDING

*NZEB Training is fully funded for participants under the Skills to Advance (STA) Initiative. Skills to advance is a SOLAS Initiative in partnership with WWETB and supported by Government.*

To register or find out more:

## Waterford Wexford Training Services

✉ [nzeb@wwetb.ie](mailto:nzeb@wwetb.ie)

🌐 [www.wwetbtraining.ie/nzeb](http://www.wwetbtraining.ie/nzeb)

☎ **051 301500**

Modern Printers 056 7721739



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Ireland's European Structural and  
Investment Funds Programmes  
2014-2020  
Co-funded by the Irish Government  
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