

**8 Day Certified Passive House Designer Course  
Commencing 20<sup>th</sup> February  
At SouthWest College, Dungannon, Co. Tyrone**



Passive House Social Housing Project under construction in Dungannon,  
Designed by Kennedy Fitzgerald Architects for Oaklee Housing Association.  
This project will be visited as part of the course.

### **Target Participants**

This course is aimed at Building Professionals, including Architects and Mechanical and Electrical Engineers. Please see footnote to this leaflet for further details or visit [www.passivhausplaner.eu](http://www.passivhausplaner.eu).

### **Course Fee**

The cost of the Course for employed persons is £1,400 GBP (VAT exempt), payable in 3 installments, which includes tutor fees and course notes. The exam fee costs an additional £265 GBP (VAT exempt).

Full package cost for employed persons is therefore **£1,665 GBP** (VAT exempt).

For unemployed persons, the course fee is reduced to £1,000 (payable in 3 installments) plus the exam fee of £265, totaling **£1,265 GBP**.

**A deposit of £200 will secure your place on the course.**

Payments can be efficiently made using Paypal, set up for your convenience on our website.

### Part Funding of Course Fee from CITB

Employers who are registered with CITB are likely to be eligible for a grant towards the cost of the training. Grant application forms are available for completion on-line on the CITB ConstructionSkills NI website [www.citbcsni.org.uk](http://www.citbcsni.org.uk).

### Course Overview

- **Duration:** Eight days of direct contact classroom training, from 8:30am to 5:30pm. The modules of 2/3 days duration training are typically split by a one week break in-between. The Internationally accredited exam will take place on 24<sup>th</sup> March at the training venue.
- **Format:** Combination of lectures by Passive House experts, group exercises, workshops, exchange with experienced contractors, site visit to the Social-Housing project shown on the cover of this brochure and hands-on training in the use of PHPP software (Passive House Planning Package).
- **Venue:** The CEPH course will be delivered at a convenient location in the vicinity of Dungannon.
- **Trainers:** Accredited Trainers working with other leading experts.
- **Training Materials:** Comprehensive course material and reference manual comprising over 1,000 pages of colour notes is provided at course commencement.
- **Class Size:** Class size is typically between 15 and 25 persons.

### Learning Objectives

- Definition of a Passive House
- Basic Principles of Designing a Passive House
- Ventilation and Heating Principles in a Passive House
- Fundamentals on thermal comfort during the summer
- Electrical energy
- Principles of drawing energy balances (PHPP)
- Basics of economic efficiency calculation
- Invitations to tender and allocation
- Construction site management and quality control
- Information and support for occupants
- Refurbishments using Passive House components

### Accreditation

On successfully passing the CEPH exam, participants will receive International accreditation from the Passivhaus Institut as Certified Passive House Designers / Consultants.

The RIAI have also accredited the course as part of the CPD Links Programme, worth **55 Credits**. The course is also expected to be accredited shortly for CPD with the Royal Society of Ulster Architects.

### Computer Equipment and Software

It is essential that all Participants have reasonable computer skills and understand the basics of Microsoft Excel. Participants are required to bring their own laptop with their own copies of both Microsoft Excel and the Passive House Planning package (PHPP) already installed and working. PHPP is available for purchase from SEAI (Contact Paul Dykes at SEAI in Cork at [pauld@reio.ie](mailto:pauld@reio.ie)).

### Course Dates for Dungannon in 2012

Session	Module series	Exam
Winter 2012	Module 1	20 <sup>th</sup> , 21 <sup>st</sup> and 22 <sup>nd</sup> February
	Module 2	1 <sup>st</sup> and 2 <sup>nd</sup> March
	Module 3	12 <sup>th</sup> , 13 <sup>th</sup> and 14 <sup>th</sup> March
		24 <sup>th</sup> March

**Terms and Conditions:** In the unlikely event that a course has to be cancelled, your deposit will be returned in full. The Irish Passive House Academy will not be held liable for any cost incurred, whether directly or indirectly, resulting from cancellation or change of course date. If the date of a course has to be changed, we will contact you as soon as possible in advance by e-mail.

**\* List of occupations for the typical allocation designer/consultant (this list is not exclusive):**

**Passive House Designer:** Architect, Civil engineer, Building physicist, HVAC engineer, Timber construction engineer, Master Bricklayer, Building technician, Engineer for environmental protection in the building industry. **Passive House Consultant:** Chemist, Electrical engineer, Wood technician for window construction, Real estate agent, Environmental engineer, Energy consultant, Joiner

**THANK YOU!**