



QualiBuild

Upskill • Train • Improve

Project Duration

1/11/13 – 30/9/16
(33 Months)

Website: www.QualiBuild.ie

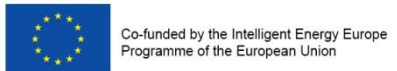
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Build UP Skills QualiBuild



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IEE/12/BWI/339/SI2.659728

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Partners



► Project Coordinator

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• Partner 1

Institute of Technology
Blanchardstown (ITB)

• Partner 2

Dublin Institute of Technology
(DIT)

• Partner 3

Irish Green Building Council
(IGBC)

• Partner 4

Construction Industry
Federation (CIF)



Background

- About 60,000 construction workers in Ireland
- BUSI Roadmap identified that the gap in providing Quality Building is one of **Knowledge** rather than **Skills**
- There is a need to focus on '**neglected**' target groups such as building construction workers and trainers by up-skilling these groups.
- A **partnership** approach between relevant organisations seen as vital.
- **The building sector** needs to be part of the response
- Real impact from a **National Roll Out** of the elements developed through the project



Key Objectives



Training – Train the Trainer and Foundation Energy Skills programmes

- ▶ Develop, Validate and Implement training for 100 Trainers.
- ▶ Develop Validate and Implement training for 200 building construction workers.

Communication

- ▶ Create and implement an innovative communication campaign. focused on Quality Building via events, SM, website and media.

Registration System for Quality

- ▶ Develop and implement a Quality Building Registration System and a CPD programme Nationally.

Finance & Sustainability

- ▶ Mobilise €1m additional funding by the project end.
- ▶ Transfer project outcomes to relevant agencies for National Roll Out.



Train the Trainer



- 20 Credits – Special Purpose Award
- Certificate in Training in Low Energy Buildings
- Access to on-line information
- Phase 1 - Completed Oct 2014 – Mar 2015
- Phase 2 – Planned Oct 2015 – Feb 2016



Foundation Energy Skills (FES)

Part 1

- Definitions and terminology:
- Regulations and rules:
- **Building as a system:**
- Energy principles

Part 2

- **Air tightness and Continuous Insulation:**
- **Thermal bridging:**

Part 3

- Ventilation and condensation:
- Heating systems:
- Energy use in buildings:
- Low energy language:

FES Structure and Implementation

- ▶ **Foundation Energy Skills**
 - ❑ Range of delivery methods
 - ❑ **2 Days plus 1 demo day (over 5 weeks)**
 - ❑ **5 Evenings plus 1 demo day (over 5 weeks)**
 - ❑ **On-line plus 1 demo day**
 - ❑ **Co-operating with regional centres and industry to provide practical content**
 - ❑ Content almost finalised
 - ❑ Accredited in February 2015
 - ❑ Running between September 2015 and February 2016
 - ❑ 10 groups – regionally divided

Registration System

- ▶ Desk research and wide consultation
- ▶ Model
 - ▶ Individual registration of building construction workers
 - ▶ Transparent system
 - ▶ Reasonable cost of registration
 - ▶ Associated with continuous training
 - ▶ Start as a voluntary system but move towards a mandatory system
- ▶ Progress slow but.....
- ▶ Positive high-level engagement with Government



Registration System and Existing Systems

- ▶ Other registration systems exist
- ▶ The Qualibuild system has to be mindful of these and is not intended to replace them
- ▶ Existing CIRI system mainly for companies and sole traders
- ▶ Also specific crafts – electricians (RECI) and Gas (RGII)
- ▶ Qualibuild system for all construction workers
- ▶ At present wish to link the Qualibuild and CIRI systems in particular so that if a construction worker is an employee of a company, that can be noted on his registration
- ▶ Idea is that over time a variety of different skill areas and levels can also be recognised



Registration System and Existing Systems

- One idea is to recognise skilled trades and general operatives separately
- For the construction worker –
 - Online registration with details of past history and qualifications, current employer (if any) and other registrations (eg RECI, RGII)
 - Small (€100 possibly) annual registration fee paid online
 - Continuous up-skilling will be required through a mixture of on-site training and designated courses with a minimum requirement over a two-year cycle
 - Registration card with skills and training will be issued
 - Ideally this card would be electronic and capable of being scanned on site



A Vision - Quality Building Pass



Issues

- Difficulties in developing an effective training programme for the cohort involved
- Some difficulties in achieving accreditation
- Some difficulties in recruitment of course participants
- Complications of integrating the registration system with existing systems and addressing some vested interests
- Difficulty in identifying the mechanisms and systems for sustainability and national roll-out



But.....

- ▶ Training courses nearly finalised
- ▶ Recruitment has improved and full numbers will be achieved
- ▶ High level discussions with Government about the registration system
- ▶ Roll-out options are being examined actively and are included in the Government discussions
- ▶ We are confident of a good outcome.
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