

BUILD UP Skills QualiShell

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National Qualification Scheme for Construction Workers to Ensure High Performance Building Envelopes



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Contract N ° IEE/12/BWI/344/SI2.659731
Project duration: October 2013 – May 2015



Background

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Main elements: multi-stakeholders platforms

- Need analysis for workers and skills, EE & RES
- Endorsed national roadmap to 2020+
- New / Upgraded qualification schemes

Pillar I

Pillar II

on-site workforce

further education

all building types

PILLAR I

National Qualification Platforms and Roadmaps

subject of Call 2011

ROBUST

Roadmap

PILLAR II

Qualification and Training Schemes

subject of Calls 2012+

Targeted European Exchange Activities

organised by EACI14



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Why QualiShell?

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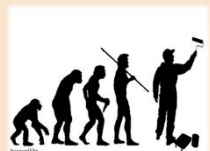
- ✓ Need for ensuring **appropriate training schemes** for architects, engineers, auditors, craftsmen, technicians and installers (notably for refurbishment)



- ✓ Need for **implementing at national level** qualification schemes for **installers of envelope thermal insulation systems** and for **installers of high efficiency windows systems**



- ✓ Need for ensuring high quality installation of **very efficient building envelope components**



- ✓ Need to **embedding appropriate knowledge and skills** in the relevant occupations in order to achieving **high performance building envelopes**



- ✓ Must for fostering the **evolution of national qualification system** and in the **vision** of key stakeholders in the construction sector



Objectives

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To activate the relevant stakeholders in the National Qualification Platform (catalyst) and use of an extended National Consultation Committee



To perform a thorough occupational analysis for the detailed definition of competencies for ETICS installers and thermal insulating windows systems installers + **Definition of an adequate procedural framework for Romania**



To develop and validate two national qualification schemes for:

- Installers of envelope thermal insulation systems,
- installers of high efficiency windows systems.



To develop flexible mechanisms → continuous revision of occupational framework for the defined qualification schemes + **Promotion of partnerships between EDU and IND**



To raise awareness and to ensure an **effective communication process** between major stakeholders – training & qualification system and construction sector



Project Consortium

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Centrul Național de Dezvoltare a
Învățământului Profesional și Tehnic



- CO – National Institute for Research and Development in Construction, Urban Planning and Sustainable Spatial Development (URBAN-INCERC)
- CB2 – Group for Quality in External Thermal Insulation Composite Systems (QETICS)
- CB3 – The Ownership of Producers for Thermo-Insulating Carpentry (PPTT)
- CB4 – The Ownership of Romanian Contractors (PSC)
- CB5 – Business Development Group (BDG)
- CB6 – National Authority for Qualifications (ANC)
- CB7 – The National Centre for Technical and Vocational Education and Training Development (CNDIPT)
- CB8 – Sector Skills Committee in Constructions (CSCon)
- CB9 – Ministry of Regional Development and Public Administration (MDRAP)



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Consultation & Validation

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- ✓ **Open Platform** – framework for consultation
- ✓ **Validation, implementation and monitoring** of proposed qualification schemes
- ✓ **Facilitation of dialogue** on medium and long term:
 - ✓ To include general interest **objectives** in **sectorial strategies** and in Action Plans for EE & RES, regional development and public administration, education and workforce,
 - ✓ **To prioritize financial allocations** to support the actions provided in the **Roadmap** (BUILD UP Skills Romania – ROBUST)



Consultation Events

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National Seminar:

Bucharest – 1 November 2013

Regional Dissemination Workshops:

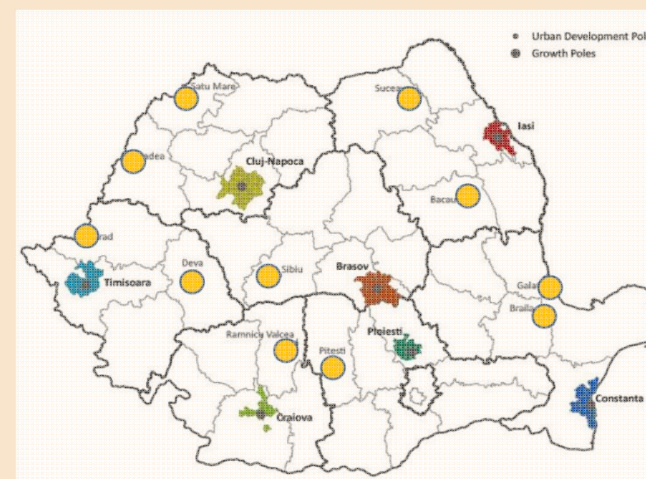
Cluj-Napoca – 21 March 2014
Iasi – 20 February 2015
Timisoara – 27 March 2015

Local Consultation Panels:

Bucharest – 4 December 2013
Sibiu – 11 April 2014
Galati – 16 May 2014
Ploiesti – 29 August 2014
Craiova – 14 November 2014

Final Seminar:

Bucharest – 22 May 2015



Expected results

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- ✓ **Detailed occupational analysis** for clear definition of relevant competences for thermal insulators (ETICS installers) and insulation windows systems installers,
- ✓ **National qualification scheme for opaque building envelope insulation systems installers** (ETICS installers) to ensure the need for qualified workers by 2020;
- ✓ **National qualification scheme for windows system fitters** (installers of thermal insulation carpentry and efficient glazing) to ensure the need for qualified workers by 2020;
- ✓ **Effective mechanisms** to ensure a **large-scale and long lasting implementation** of the two developed qualification schemes and for **promotion of partnerships** between education system and construction sector



Beneficiaries

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- Professional / technology schools
- Qualification / Training providers

mechanisms and measures for **promotion of effective partnerships** between **Education System** and **Construction Industry**

- **Workforce** in construction sector (employees)
- **Clients / investors** (final beneficiary)

Contractors
(employers / construction companies)

Technology & Systems Producers / Suppliers
(building envelope)



Contact

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INCD
INCERC



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Build Up Skills ROMANIA



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