



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



# BUILD UP Skills

## *The EU Sustainable Building Workforce Initiative*

*A funding opportunity  
under the IEE programme*

Qualicert Round-table Greece



FOR A SUSTAINABLE FUTURE

# Contents



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



- > The IEE programme
- > The IEE Call 2011
- > BUILD UP Skills
- > BUILD UP Skills: Pillar I projects (Call 2011)
- > Further info

# IEE programme



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



IT'S YOUR CALL



- > €730 million from 2007-13
- > Supports EU renewable energy and energy efficiency policies, helps reach 2020 targets
- > Encourages the uptake of proven intelligent energy solutions
- > Is not a technology development programme, unlike FP7
- > Works to make Europe more competitive and innovative

# Convert policy into action



**INTELLIGENT  
ENERGY  
EUROPE**  
FOR A SUSTAINABLE FUTURE



- > Create and promote best practices
- > Training, education
- > Know-how transfer
- > Market intelligence
- > Information for policy development
- > Implement EU policy



**Energy efficiency  
and renewables  
policies**



**Actions / changes  
on the ground**

# IEE projects



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



Over 500 IEE-supported projects across Europe,  
more than 3,000 participants from 30 countries...

**Energy  
efficiency**



**Renewable  
energy  
sources**



**Integrated  
initiatives**



**Energy-  
efficient  
transport**



→ [http://ec.europa.eu/energy/intelligent/projects/index\\_en.htm](http://ec.europa.eu/energy/intelligent/projects/index_en.htm)



# IEE projects on RES installers



> **QUALICERT**: quality certification & accreditation for installers of small-scale renewable energy systems in buildings



> **Geotrinet**: European training addressed to designers and drillers to support and improve the quality of geothermal installations <http://www.geotrinet.eu>



> **PVTRIN**: training and certification of PV installers in six countries (SP, GR, CY, BG, RO, and HR) <http://pvtrin.gr/>



> **INSTALL+RES**: training courses for the qualification of trainers and certification of installers of RES systems (biomass, solar, PV and heat pumps) in buildings in BG, GR, IT, SI, PL <http://www.resinstaller.eu/>



# IEE 2011 Call for proposals



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



**Published:**  
**18 January 2011**

**Deadline for submitting proposals:**  
**12 May 2011, 17.00 Brussels time**

**15 June for BUILD UP Skills**

# What's new in 2011?



- > Actions to promote more **energy savings in industry**
- > Actions to facilitate uptake of '**nearly zero energy buildings**'
- > Actions aimed at simplifying procedures for **grid developments** to deliver more renewable energy
- > Support to local and regional authorities - **mobilising actors and local investments** in energy efficiency and renewable energy
- > A multi-annual scheme for **training and qualification of the building workforce**, focusing on national strategies to develop the necessary 'green' skills



**BUILD UP Skills**

FOR A SUSTAINABLE FUTURE



# BUILD UP Skills - Context



- > **40% of energy consumption in buildings** (36% of CO2 emissions)
- > **Ex-ante study on BUILD UP Skills:**
  - > 2.5 million workers in EU-25 need training (mainly low/intermediate skilled workers)
- > **Europe 2020 strategy: Agenda for new skills and jobs** with the objective of equipping people with the right skills for employment
- > **RES Directive 2009/28/EC:** Minimum requirements for RES in buildings + provisions on certification of installers
- > **Recast EPBD 2010/31/EU:**
  - > All new buildings in the EU by 31 December 2020 will have to be nearly zero energy buildings (public authorities two years earlier)
  - > All major renovations have to implement energy efficiency measures up to a cost-optimal level and to investigate renewables
- > **Energy Efficiency Plan 2011** [COM(2011) 109 final] to take action to tap the potential for higher energy savings of buildings, transport and products and processes

# BUILD UP Skills - Scope



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



- > **3 years initiative (2011 – 2013)**
- > **Continuing education and training** (i.e. after initial education and training or after they entered working life)
- > **Craftsmen and other on-site construction workers and system installers**
- > **All types of buildings.**

# Who are the target groups to be up-skilled?



## > Tradesmen

> bricklayer, carpenter, plumber, electrician, roofer, plasterer, glazier, concrete worker, steel worker, ...

## > On site supervisors

> groundwork, walls, roof, windows, doors, chimneys, heating / cooling systems, air handling, lighting, other services, ...

## > Energy system installers

> Installers of small-scale biomass boilers and stoves, solar photovoltaic and solar thermal systems, shallow geothermal systems, heat pumps

> Specialists who select / size / check / inspect installations (gas boiler, oil boiler, solid fuel burner, under-floor heating, radiators, air handling units, cooling / air conditioning plant)

# BUILD UP Skills - Objectives



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



- > **Initiate national discussion processes** that bring together all relevant stakeholders
- > **Identify and quantify the need** for a workforce qualified in energy efficiency and renewable energy in each Member State by 2020 (and beyond)
- > **Set up and agree national qualification roadmaps** to achieve the sustainable energy policy objectives for 2020
- > **Support concrete qualification schemes** on the basis of roadmaps to 2020 with identified needs and priorities

# BUILD UP Skills - Main Elements



INTELLIGENT  
ENERGY  
EUROPE  
FOR A SUSTAINABLE FUTURE



Pillar I

**National Qualification Platforms  
and Roadmaps**

subject of Call 2011



Pillar II

**Qualification and Training  
Schemes**

subject of later Calls (2012+)



**Targeted  
European  
Exchange  
Activities**



organised by  
EACI/EC



# Call 2011: Only Pillar I



- > **only strategic work on “National qualification platforms and roadmaps”**
- > Application **by country**
- > **One proposal per country targeted** (similar interest should be channelled into one application)
- > (Short) duration of activities: **max 18 months**
- > **Budget:**
  - > 8 millions (indicative)
  - > Funding level: 90%

# Pillar I: what results are expected?



- > Initiation of the **national qualification platforms** that bring together all relevant stakeholders
- > **Analysis of the national status quo:** frame and quantify the need for qualified workers in the building sector in each Member State by 2020 (and beyond)

Analysis  
of the  
status quo  
in ....



- > **Set up and endorsement of national qualification roadmaps** for achievement of the 2020 energy targets as regards the continuing education and training of the workforce in the building sector

- > Active participation in the **EU exchange activities**



# Who should be engaged?



- > **All major players** that can contribute to the roadmap
- > Key players **will vary from country** to country, but could e.g. be:
  - ✓ relevant public authorities
  - ✓ leading institutions in the training system of the building sector
  - ✓ social partners (trade unions, chambers of commerce)
  - ✓ relevant parts of building industry and professional chambers
  - ✓ energy efficient building product/equipment industry and renewable energy system producers and installers
  - ✓ Architects, sustainable buildings experts (but not target groups for trainings!)
  - ✓ accreditation and certification bodies
  - ✓ potential financing bodies or insurance companies.
- > Organisations involved should express their commitment by a **letter of support**



# BUILD UP Skills - 2011 timeline



# Application process



- using electronic submission (EPSS), with identification separate from other IEE projects



- simplified application form

**INTELLIGENT ENERGY EUROPE**

**Part B - Detailed Description of the action**  
Call for Proposals 2011  
Call number: IEE-2011-011

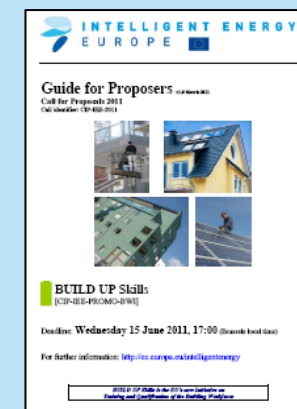
Full title of the action:	
Action Acronym:	
Coordinator (organisation, address):	

**BUILD UP Skills**  
(CP-IEE-RCMD-SKILLS)

Deadline: Wednesday 15 June 2011, 17:00 (Brussels local time)

[BUILD UP Skills in the EPSS system interface on Training and Competence of the Building Professions](#)

- separate guide for proposers



[http://ec.europa.eu/energy/intelligent/call\\_for\\_proposals/call\\_library\\_en.htm](http://ec.europa.eu/energy/intelligent/call_for_proposals/call_library_en.htm)



# Further info



For further information on BUILD UP Skills, check the IEE website :  
[http://ec.europa.eu/energy/intelligent/call\\_for\\_proposals/call\\_library\\_en.htm](http://ec.europa.eu/energy/intelligent/call_for_proposals/call_library_en.htm)

## Other useful websites:

IEE projects database:

[http://ec.europa.eu/energy/intelligent/projects/index\\_en.htm](http://ec.europa.eu/energy/intelligent/projects/index_en.htm)

ManagEnergy: <http://www.managenergy.net/>

BUILD UP Portal: <http://www.buildup.eu/>



# THANK YOU FOR YOUR ATTENTION

Nathalie Cliquot, [nathalie.cliquot@ec.europa.eu](mailto:nathalie.cliquot@ec.europa.eu)  
Project Officer

Gianluca Tondi, [gianluca.tondi@ec.europa.eu](mailto:gianluca.tondi@ec.europa.eu)  
Senior Project Officer

Waltraud Schmid, [waltraud.schmid@ec.europa.eu](mailto:waltraud.schmid@ec.europa.eu)  
Head of Sector

