BUILD UP Skills

Energy training for builders

An initiative to boost the energy skills of Europe's building workforce

Funded by the Intelligent Energy Europe programme

Further information?
www.buildupskills.eu
http://ec.europa.eu/energy/intelligent/

Zoe.Wildiers@ec.europa.eu
Nathalie Cliquot
BUILD UP Skills - Objectives

- **Initiate national discussion processes** with all relevant stakeholders on **continuing education** of **on-site building workers** to meet EU 2020 energy objectives

- **Informed discussions with identified and quantified needs for a workforce** qualified in energy efficiency and renewable energy in each Member State by 2020 and beyond

- **National qualification roadmaps** – set up and agreed to achieve the 2020 sustainable energy policy objectives

- **Support concrete qualification schemes** on the basis of roadmaps to 2020 with identified needs and priorities
BUILD UP Skills - Structure

Pillar I
National Qualification Platforms and Roadmaps
Call for proposals 2011 and 2012

Pillar II
Qualification and Training Schemes
Call for proposals 2012, 2013, 2014

European Exchange Activities
Organised by EASME
A great mobilisation success (Pillar I)

- 30 countries covered (EU28 + MK+NO)
- 5 EU exchange meetings organised between November 2011 and November 2013
- More than 2000 organisations involved in 30 national qualification platforms across Europe
- Involvement of education, building and energy sector
- Endorsement of key market players to implement concrete roadmaps measures
- Evaluation of the initiative will start end of 2014
Identifying needs: conclusions

- More than 3 million workers would require up-skilling on energy efficiency or renewable energy sources by 2020.

- Carpenters and joiners, bricklayers and stonemasons and building electricians are the most frequently mentioned occupations identified as requiring additional training.

- Importance of transferable and cross-trade knowledge and skills.
Identifying needs: conclusions

- Slight shortage of building workers by 2020 in most European countries.

- The need for training of the current workforce is much stronger than the estimated need for additional workers.

- Skills gaps (i.e. vacancies filled/ jobs done with incomplete skills set) rather than skills shortages (i.e. vacancies not filled/ jobs not done due to the lack of people with at least some knowledge, skills and competences)
Identifying barriers - conclusions

- **Administrative, legal and institutional barriers** (e.g. different regulations, lack of coordination, absence of adequate regulatory framework, etc.)
- **Structural barriers** (e.g. fragmentation of the market, micro-companies, small energy efficiency and renewable market, etc.)
- **Economic and financial barriers** (e.g. lack of public support to training, financial crisis, discontinuity of (energy) policies, high cost of training, etc.)
- **Education and training related barriers** (e.g. training courses do not keep up with tech. developments, quality of trainers and infrastructures)
- **Sociological and linguistic barriers** (low education level of the workforce (e.g. many workers have failed at school, illiteracy))
Identifying solutions – roadmaps measures
From strategy to action – Pillar II

- 10 BUILD UP Skills Pillar II projects have started in October 2013: national projects in AT, CY, DE, EE, ES, FI, IE, LV, NL, RO

- 12 BUILD UP Skills Pillar II projects have started in September 2014: national projects in BG, EL, HR, HU, IT, LT, MK, PT, SE, SK

- Specific trade training
- Cross-craft foundation courses
- Awareness raising on quality in construction
Pillar II – Latest developments

- So far, all Pillar II projects are national initiatives
- Exchanges are foreseen 1x/year, next meeting in Nov. 2014
- A tender is foreseen on the EU-Exchange activities
- Work Programme Energy Efficiency 2014:
  - 26 proposals received under EE4 Construction Skills
  - Results announced early November 2014
Future funding opportunities
Horizon 2020 programme

- Funding opportunity under Horizon 2020 (Secure, Clean and Efficient Energy)
  

- Call for proposals 2014-2015: EE4 Construction skills not open in 2015