



EASME

Executive Agency for Small and Medium-sized Enterprises



SME SUPPORT



ENERGY



ENVIRONMENT



MARITIME



EASME

Executive Agency for Small and Medium-sized Enterprises

The EU Framework Programme for Research and Innovation

BUILD UP Skills and Construction Skills

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EASME

Executive
Agency for
SMEs

EASME

Executive Agency for Small and Medium-sized Enterprises

The EASME manages programmes on behalf of the European Commission, turning EU policies into action.

European Commission

Enterprise Europe Network
@EEN_EU

COSME the EU programme for the Competitiveness of SMEs € 0.8 BN*

Horizon 2020 SME Instrument
@H2020SME € 3.1 BN*

Horizon 2020 Energy Efficiency
@H2020EE € 0.8 bn*

EU Sustainable Energy Week (EUSEW)
@euenergyweek

Intelligent Energy Europe (IEE)

LIFE the EU Programme for the Environment and Climate Action
@LIFE_Programme € 3.1 BN*

The European Maritime and Fisheries Fund (EMFF) € 0.34 BN*

Horizon 2020 Climate action, environment, resource efficiency and raw materials
@EU_ecoinno € 2.7 BN*

Sustainable Industry Low Carbon II (SILC II)

The EASME: programmes managed

- *Executive Agency for Small and Medium-Sized Enterprises - replaces the EACI*
- *Based in Brussels - <http://ec.europa.eu/easme>*
- *Most of COSME (covers activities developed by Enterprise Europe Network)*
- *LIFE*
- *European Maritime and Fisheries Fund (EMFF)*
- *Eco-Innovation – Legacy*
- *Horizon 2020*

The EASME: programmes managed

Horizon2020

- **Sections of Industrial Leadership**

Innovation in SMEs

Sustainable Industry Low Carbon Scheme (SILC II)

- **SME Instrument**

- **Societal Challenge 5: Climate action, Environment, Resource Efficiency and Raw Materials (note: specific calls)**

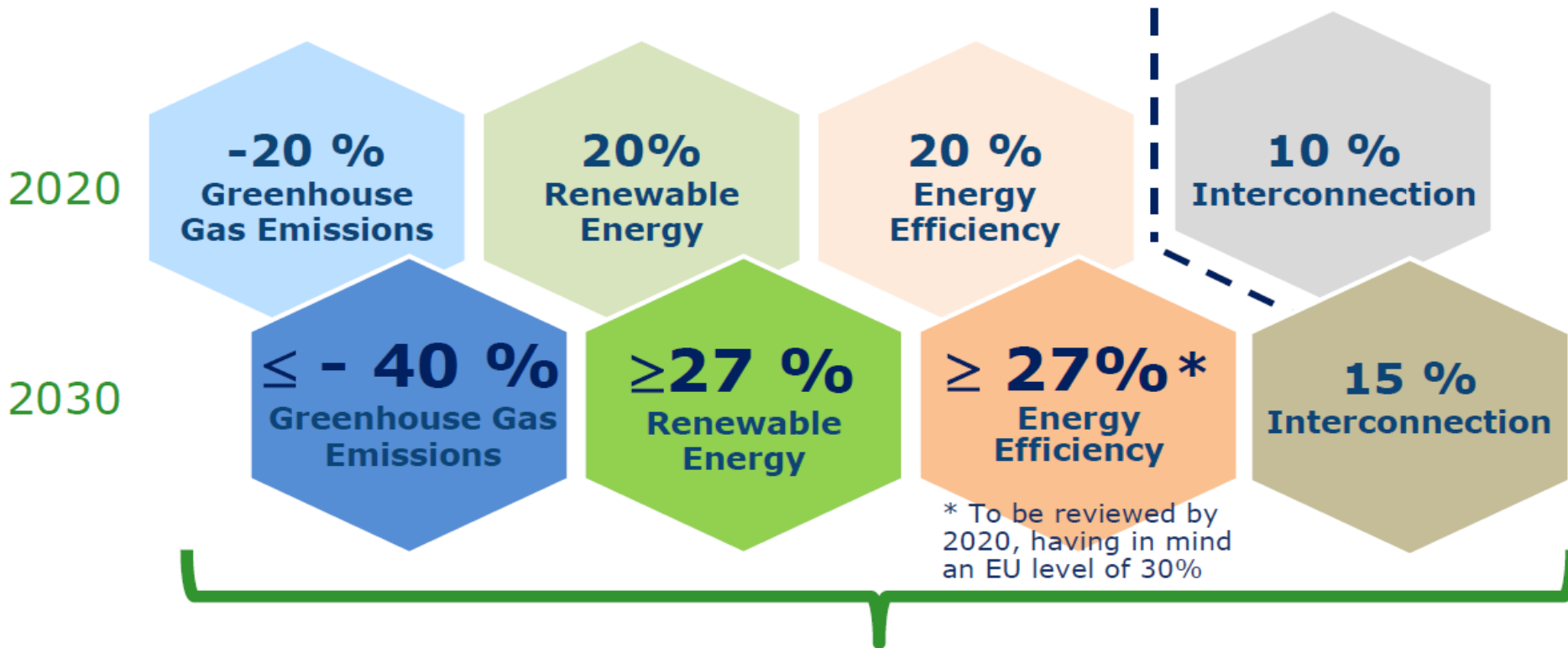
- **Societal Challenge 3: Secure, Clean and Efficient Energy – Energy Efficiency call**

Intelligent Energy Europe legacy



European
Commission

The EU's 2020 and 2030 climate and energy goals



New governance system + indicators

Why spending EU funds
on construction skills?





European
Commission



**Super
insulation**



**Minimal
thermal
bridges**



**Very good
airtightness**

**Heat
recovery**



Developments

- A new Skills Agenda for Europe, June 2016 highlights the importance of VET
 - **VET should be more attractive**
 - **Recognition of qualifications (mutual recognition)**
 - **Revision of the EQF**
 - **Revision of the Europass Framework**
- Proposal for a revision of the Europass framework, Oct. 2016
- First European Vocational Skills Week, 5-9 December 2016

EPBD public consultation feedback

➤ Review of EPBD, EED and RES Directives

EPBD public consultation feedback:

Good framework for improving energy performance of buildings

- ✓ New high performance buildings
- ✗ Renovating existing buildings

Not as effective as it could be

- Low activity in construction sector
- Slow and scattered implementation
- Poor compliance



European
Commission

Is the workforce ready?



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Commission

BUILD UP Skills



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**

Pillar I



**National
Qualification
Platform**

Gathers stakeholders from
the energy, education &
training and buildings sectors

**Status Quo
Analysis**

Mapping existing workforce

Future needs for 2020

Gaps and barriers analysis

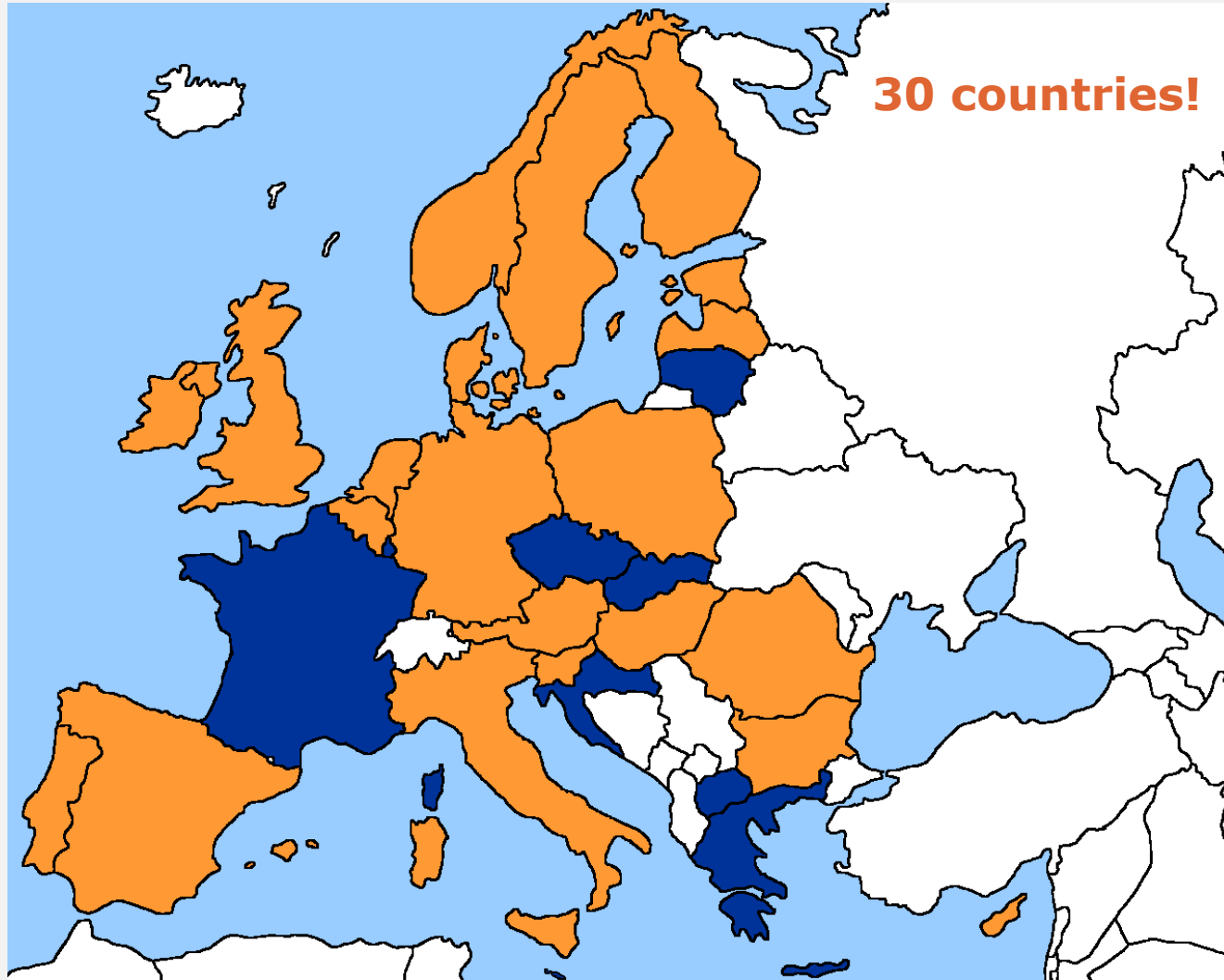
**National
Roadmap**

Measures

Endorsement



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Call 2011 countries
Call 2012 countries

Construction sector needs

- 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
- More than 3 million workers would require up-skilling on energy efficiency or renewable energy sources by 2020
- Importance of transferable and cross-trade knowledge and skills

BUILD UP Skills

- 22 projects in 21 countries
- Ongoing implementation of national roadmaps
- Training of on-site workers
- Expanded to white collar professionals with 5 new H2020 projects



www.buildupskills.eu

Project example: BUILD UP Skills BEET

- Recognition of previous non-formal learning
- Certification body established in line with ISO 17024:2012
- Methodology will be used by the Ministry of Education & Science as a model for other sectors



Project example: BUILD UP Skills QualiShell

- developed and validated two national qualification schemes for
 - **building envelope insulators**
 - **Insulation window system fitters**by defining and improving the training courses curricula, content and evaluation tools



<http://www.iee-robust.ro/qualishell>



Code	EE Call 2016 Topics open till 7 June 2017	M€	Deadline
EE-02	Improving the performance of inefficient district heating networks	4	7 June 2017
EE-06	Engaging private consumers towards sustainable energy	5	
EE-09	Engaging and activating public authorities	7	
EE-11	Overcoming market barriers to deep renovation of buildings	8	
EE-14	Construction skills		
EE-15	Increasing capacities for actual implementation of energy efficiency measures in industry and services	11	
EE-16	Implementation of EU product efficiency legislation		
EE-18	Energy efficiency of industrial parks through energy cooperation and mutualised energy services		
EE-19	Public Procurement of Innovative Solutions for energy efficiency	4	
EE-22	Project Development Assistance	8	
EE-23	Innovative financing schemes	8	
EE-24	Making the energy efficiency market investible		

EE-14-2017: Construction skills

Specific Challenge

- Improve skills of entire value chain for energy efficiency
- Blue and white collar workers
- New challenges e.g. BIM, RES integration, new products and processes



EE-14-2017: Construction skills

Expected Impact

- Implement training & qualification schemes
- Plan for replication and life after the grant
- Increase number of skilled workers
- Improve cross-trade collaboration



EE-14-2017: Construction skills

Expected Impact

- Reduce performance gap
- Energy savings
- Increased renewable energy production
- Mutual and/or market recognition of skills





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**THANK YOU
FOR YOUR ATTENTION**

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EASME on Twitter



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