



## UPgrading the construction Sector Workforce training and qualification in Greece



[www.skills-upswing.eu](http://www.skills-upswing.eu)



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## The BUILD UP Skills UPSWING Action

Upgrading the energy skills of the building workforce is a major challenge in order to meet the 2020 energy and climate targets. In Greece, buildings account for about 33% of the CO<sub>2</sub> emissions and 36% of the total energy consumption. The construction sector will require an increased number of qualified on-site building workers, craftsmen and system installers competent to deliver new and renovated buildings with a very high level of energy efficiency.

**BUILD UP Skills UPSWING**, supported by the European Commission through the Intelligent Energy Europe Programme, aims at developing appropriate training and qualification schemes to boost the construction workers' knowledge and skills on the topics of energy efficiency, for:

- insulation technicians;
  - aluminum and metal constructions craftsmen;
  - installers - maintainers of burners.
- In coherence with the Qualification Roadmap for Greece, developed in the frame of BUS-GR (Pillar I of the BUILD UP Skills Initiative), the BUILD UP Skills UPSWING aspires to:
- upgrade and accredit the occupational profiles to include the energy skills required for the delivery of high energy performance buildings;
  - define key components of the qualification schemes, through a multi - stakeholder approach representing the whole value chain and incorporating the genuine market needs;
  - design the appropriate training courses, training materials and guidelines;
  - deliver training courses for workers and their trainers to test the scheme on the ground, in order to assess and revise the training scheme;
  - implement the certification of qualifications by the national competent body;
  - establish fully operating large scale training schemes.

### BUILD UP Skills

**BUILD UP Skills** is a European Commission's strategic initiative to improve the building workforce qualifications and skills, aiming at qualified workers competent to deliver high energy performance renovations and nearly zero energy buildings. First, in Pillar I, **National Qualification Roadmaps** to 2020 (NQRs) were developed in 30 European countries - also in Greece - with the endorsement of all relevant stakeholders. The NQRs propose measures and actions strengthening the continuing training and qualification framework of building workers for scaling up their skills in relation to energy efficiency and renewables. Based on these roadmaps, the BUILD UP Skills Pillar II supports activities establishing new or upgrading existing qualification and training schemes.



## Expected Results

- **Accredited training and qualification schemes** for the insulation technicians, the aluminium and metal constructions craftsmen and the installers-maintainers of burners
- Appropriate **training material/tools** for the workers and their trainers
- **9 pilot training courses** implemented; along with 3 “train the trainers” courses
- **45 qualified trainers**
- **135 certified building workers**
- A **cross craft training module** for all building workers, introducing the basic principles for sustainable and energy-efficient high performance buildings.
- **Supportive measures** boosting the demand for qualified workers;
- **Monitoring mechanism** for the operation and sustainability of the qualification schemes.

### By 2020, the BUILD UP Skills UPSWING activities will result in:

- 23,650 trained / certified building workers and 225 qualified trainers
- Primary energy savings of 320,000 toe
- Reduction of GHG emissions up to 150,000 ton CO<sub>2e</sub> per year.

### The BUILD UP Skills UPSWING Consortium



**ΚΑΠΕ  
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Small Enterprises Institute of the Hellenic Confederation of Professionals, Craftsmen and Merchants (IME GSEVEE)

[www.imegseev.gr](http://www.imegseev.gr)



Labour Institute of the Greek General Confederation of Labour (INE-GSEE)

[www.inegsee.gr](http://www.inegsee.gr)



Technical Chamber of Greece (TCG)

[www.ttee.gr](http://www.ttee.gr)



National Organization for the Certification of Qualifications and Vocational Guidance (EOPPEP)

[www.eoppep.gr](http://www.eoppep.gr)



The BUILD UP Skills UPSWING qualification and training schemes will offer:

For building workers, craftsmen and installers:

- Acknowledged skills
- Recognition
- Employability
- Job opportunities
- Mobility

For building owners:

- Confidence and assurance
- Improved living conditions
- Optimal energy efficiency
- Lower electricity and heating bills

For the construction sector:

- Efficient workforce
- Satisfied customers
- Reduced operating costs
- Increased credibility

## Benefits for the building workers, the construction sector and the society

- BUILD UP Skills UPSWING supports the **construction sector** to address the need for qualified workforce. Adequately trained and certified building workers and installers will ensure efficient installations, fewer technical failures and satisfied clients.
- The **building workers** gain professional competitive advantage by improving their technical knowledge and skills, reinforcing thus their employment perspectives.
- **Building owners** win confidence that the quality standards related to the renovation or construction works in their building are met, and enjoy increased comfort conditions with lower electricity bills.
- **National authorities** gain an additional instrument to meet the EU targets for 2020.
- The **entire society** benefits; the increased energy efficiency of the existing building stock results to greenhouse gas emissions reductions, improving citizens' quality of life.

### Contact us

*For additional information please contact the project coordinator:*



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