



# LIFE-2021-CET-BUILDSKILLS

## BUILD UP Skills – rebooting the National Platforms and Roadmaps

LIFE Clean Energy Transition Info Day  
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*Amandine DE COSTER*

*Project Manager, CINEA D1.3*



# BUILD UP Skills

- **3** programmes: Intelligent Energy Europe → Horizon 2020 → LIFE CET
- **3** main focus area :
  - ✓ Skills for deep renovation & new NZEBs
  - ✓ Digital skills supporting the energy transition of the building stock
  - ✓ Measures increasing demand for skills and skilled professionals
- **3** main target groups :
  - ✓ Building professionals/companies
  - ✓ Public authorities (local/regional/national)
  - ✓ Building owners/tenants
- **49** million euros EU funding since 2011
- **77** projects funded so far

# Laying the foundations: BUILD UP Skills 'Pillar I' (2011 - 2012)

## National Qualification Platforms

Gathering key stakeholders from the energy, education/training and building sectors: public authorities, private actors, academia...

## Status Quo Analyses

Mapping existing workforce

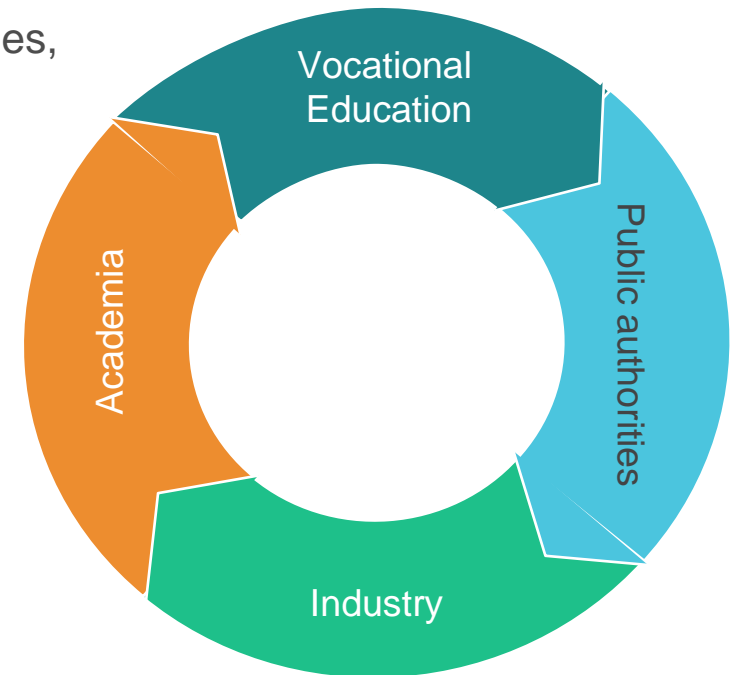
Assessing future training/qualification needs

Identifying gaps and barriers

## National Roadmaps

Listing measures to 2020

Endorsement by stakeholders



Results of 30 national projects: <https://www.buildup.eu/en/skills/bus-projects>

# The journey since 2011



# Project results



Download the report [here](#)



# A changing landscape for building professionals

## Life-cycle approach

- Circularity
- Resource efficiency
- Life-cycle Carbon Assessment
- Decommissioning

## Focus on the occupant

- Comfort/quality
- Indoor Environmental Quality

## Digital construction

- BIM
- AR/VR
- 3D laser scanning

## Industrialisation

- Pre-fabrication
- Off-site manufacturing

## Smart buildings

- Interoperability
- E-mobility





# The European Construction Blueprint



- 4-year long stakeholders-led project (2019-2022) funded under Erasmus+
- partnership of VET providers and companies and other stakeholders from **12 Member States: Spain, Belgium, Finland, France, Germany, Greece, Ireland, Italy, Lithuania, Portugal, Slovenia, Poland**
- sectoral strategy for skills intelligence and labour-market relevant skills development
- improving the sector human capital basis - a new generation of digitally aware multi-skilled workers (digitalisation, energy efficiency, circular economy)
- EQF level up to 5
- Among other results, the project aims to deliver:
  - Status Quo Report; Roadmap & Action Plan: <https://constructionblueprint.eu/results/>. Will be updated.
  - Skills Observatory: June 2021
  - New training curricula and online courses: September 2021
  - Report on the professions and qualifications to be subject to modernization: end 2021
  - National reports on the modernisation of occupational profiles: end 2021
- More information: <http://constructionblueprint.eu/>



# LIFE-2021-CET-BUILDSKILLS

- **Objectives (extracts)**
  - support the **revitalisation of the National Platforms** created in the first phase of the BUILD UP Skills initiative (2011-2012), gathering all key national stakeholders [...] expanding their scope by involving new stakeholders.
  - **update the Status Quo Analyses and National Roadmaps** to reflect the new realities of the building sector [...]



Not legally binding





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- **Scope (extracts):**

- Expected: single-country applications - one action per country → **generate traction at national level**
- Applications may be submitted by a **single applicant**
- Demonstrate good knowledge of **BUILD UP Skills**
- Support the work done within the **European Construction Blueprint**
- Address '**Blue-collar**' and '**white-collar**' professionals → **level 1-8 in the European Qualification Framework**
- **Reskilling** workers and professionals in fossil fuel related sectors and regions
- Make the renovation and construction sectors more attractive for **women**



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- **Scope (extracts):**

Expected activities (as far as not already addressed through the European Construction Blueprint):

- ✓ Relaunching of the **National Platform** through dedicated communication channels and regular meetings
- ✓ Market research & data collection (**Status Quo Analysis**): within the first 9 months
- ✓ **Evaluation** of the effectiveness of the first roadmap implementation
- ✓ Targeted **interviews** with relevant national stakeholders and target groups
- ✓ Participatory **workshops** with relevant national stakeholders and target groups
- ✓ **Updating of the National Roadmap**, including measures to 2030 and policy recommendations; **endorsement** by relevant national stakeholders
- ✓ **Promotion & communication** of the results
- ✓ Active participation in **European exchange activities**
- Expected project duration: **18 months**
- Indicative EU contribution/project: **EUR 400,000**



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- **Expected Impacts (extracts)**

- Upgraded National Platform involving key national stakeholders
- Quality of the updated National Status Quo Analysis, identifying current and future skills needs, gaps, barriers and opportunities
- Quality of the measures presented in the updated National Roadmap, reflecting the new needs and realities of the national building sector by 2030
- Number of people directly engaged through the project activities
- Number of relevant national stakeholders endorsing the updated Roadmap
- Primary energy savings/Renewable energy production triggered by the project (in GWh/year)
- Investments in sustainable energy triggered by the project (cumulative, in million Euro)



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# Keep in touch with us



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# Thank you



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