The BUILD UP Skills initiative

National skills platforms and roadmaps

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Ulrike NUSCHELER,
Senior Project Advisor, CINEA

European Climate, Infrastructure and Environment Executive Agency

The BUILD UP Skills initiative: supporting skills in the building value chain

Skills intelligence:
Analyse skills gaps and formulate measures to address them
→ ***National platforms & roadmaps***

Skills uptake:
Measures increasing the demand for skills and skilled professionals
→ ***campaigns, one-stop-shops, procurement***

Skills development:
Develop new or upgrade existing ***qualification & training schemes*** *addressing emerging skills*

Key figures:

- **Launched in 2011 and supported via:**
  - ✓ Intelligent Energy Europe
  - ✓ Horizon 2020
  - ✓ LIFE Clean Energy transition

- **103 projects** funded as of 2025 (+ 4 in grant preparation)

- **Nearly € 70 million EU funding** since 2011

- **National platforms and roadmaps** developped in 30 countries, recently updated in **15 Member States**

- **50 000 professionals** taking part in pilot training sessions

- **16 EU exchange meetings** among project teams

Project repository

Available on **BUILD UP**, the European portal for energy efficiency and renewable energy in buildings:

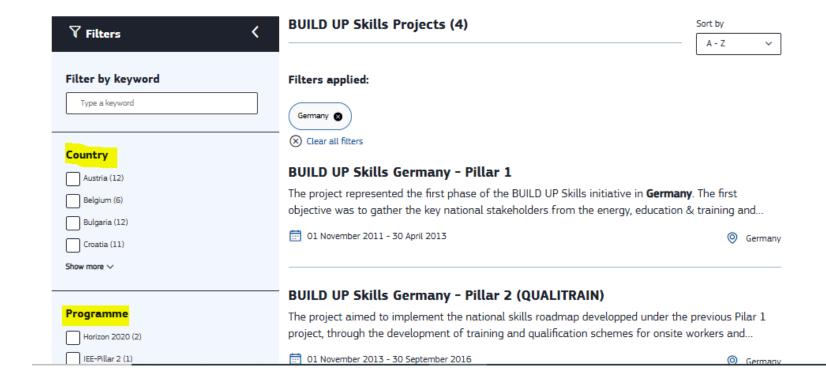https://build-up.ec.europa.eu/en/skills/skills-projects
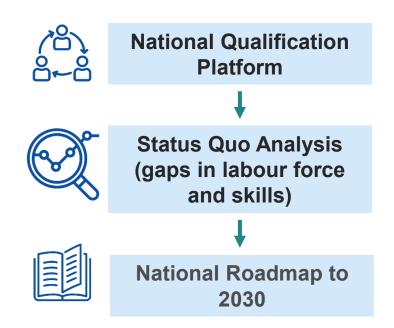
Project results

Consult the reports here

National Skills Roadmaps

✓ First exercise carried out in 2012-2013: 30 countries

✓ Update finalised in 2024 for 15 Member States

✓ Focus: skills related to the built environment (new constructions & renovations)

National Qualification Platform

↓

Status Quo Analysis (gaps in labour force and skills)

↓

National Roadmap to 2030

Austria
Bulgaria
Croatia
Czech Republic
France
Greece
Hungary
Italy
Ireland
Lithuania
The Netherlands
Poland
Romania
Slovakia
Spain

European Commission

National Qualification Platforms

- Gathering **key national stakeholder organisations**, e.g.

  - education & training providers (universities, VET providers)

  - companies and professional organisations/chambers from the construction and renovation value chains

  - public authorities, energy agencies,

  - trade unions etc.

Close to 6000 organisations consulted

Launch of the project in Ireland
credit @Irish Green Building Council

Status Quo Analysis

- National policies and strategies to contribute to the EU 2030 energy targets in buildings

- Key data on the building and energy sectors

- Existing provisions in the field of Education and Training

- Relevant EU and national projects

- Barriers to the uptake of training

- Gap analysis (quantitative & qualitative):
    1) Labour force evolution
    2) Skills needs
    3) Qualification needs
    4) Monitoring mechanisms

- Energy efficiency and renewable energy measures in buildings

- Deep renovation, including through modular and industrialised solutions

- Nearly Zero Energy Buildings → Zero Emission Buildings

- RES heating and cooling technologies, in particular heat pumps roll-out

- Whole life carbon (GWP), circular construction and resource efficiency, Level(s) framework

- Digital skills, e.g. Building Information Modelling

- Smart buildings (sensors, building controls and building management systems), Smart Readiness Indicator

National roadmaps

- On the basis of the Status Quo Analysis, project teams drafted the **National Roadmap** of measures to adress the identified labour force and skills gaps, in a 2030 perspective.

- **Detailed set of measures + Action Plan**: timeline, resources, funding mechanism, responsible organization, monitoring.

- **Endorsement** of the roadmap and the action plan by key national stakeholders.

Final event of the Czech project
Credit@SEVEn

More than 470 organisations directly endorsing the roadmaps

National roadmaps

Examples of measures:

✓ Implement structural improvements to the (vocational) education sector: e.g. inclusion of new topics in curricula; improve teachers/trainers skills; update educational standards

✓ Develop new occupational standards: e.g. BIM manager, Building scanning expert, Thermal bridge assessment specialist (Romania)

✓ Roll out national awareness campaigns to attract more workers to the construction & renovation sectors

✓ Increase attractivity of the construction & renovation sectors, including for women and the youth

✓ Foster reskilling of workers from other sectors

✓ Leverage green public procurement to incentivise involvement of skilled workers

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Where to consult the results

Please go to the **BUILD UP portal** for a quick access to the main results (in English + national language):

- **Austria:** https://build-up.ec.europa.eu/en/skills/projects/rebusk
- **Bulgaria:** https://build-up.ec.europa.eu/en/skills/projects/buildupskillsbg
- **Croatia:** https://build-up.ec.europa.eu/en/skills/projects/cro-skills-reload
- **Czech Republic:** https://build-up.ec.europa.eu/en/skills/projects/doubledecker
- **France:** https://build-up.ec.europa.eu/en/skills/projects/bus2-france
- **Greece:** https://build-up.ec.europa.eu/en/skills/projects/bus-regroup
- **Hungary:** https://build-up.ec.europa.eu/en/skills/projects/constructskills4life
- **Italy:** *results coming soon*
- **Ireland:** https://build-up.ec.europa.eu/en/skills/projects/busi2030
- **Lithuania:** https://build-up.ec.europa.eu/en/skills/projects/reboot-skills-lt
- **The Netherlands:** https://build-up.ec.europa.eu/en/skills/projects/bus-nl
- **Poland:** https://build-up.ec.europa.eu/en/skills/projects/bups-poland
- **Romania:** https://build-up.ec.europa.eu/en/skills/projects/bus4roboost
- **Slovakia:** https://build-up.ec.europa.eu/en/skills/projects/doubledecker
- **Spain:** https://build-up.ec.europa.eu/en/skills/projects/construye-2030

European Commission

Next steps

- LIFE CET call 2025 scheduled to open on 24 April (tentative): https://cinea.ec.europa.eu/life-calls-proposals-2025_en

- European Info Day on 15 May → registration open: https://vo-europe.swoogo.com/eu-life-info-days-2025/Home

Thank you

Contact: amandine.lacourt@ec.europa.eu