

# BUILDSKILLS ACADEMY

## Skills for the Green Transition



The project Academy for Transitional Skills in the Built Environment is co-funded by the European Union,  
ERASMUS+ Programme under Grant Agreement number: 101104419

# Major challenges for the construction sector

- High environmental, social, and economic impact across Europe
- Significant workforce shortages & difficulty attracting young, skilled workers
- Need for reskilling/upskilling through lifelong learning (VET)
- Gaps in green & digital skills for the industry's transition
- Declining employment in medium & low-skilled roles (10% drop since 2009, further 10% by 2035)
- Growing demand for highly skilled roles in engineering, electrical, business, and construction management

BuildSkills Academy will establish strong and lasting relationships at both local and transnational levels between the VET community and businesses, delivering mutual benefits to all stakeholder groups by:

- Revolutionizing the construction sector to address the challenges of the twin transition
- Creating a pan-European framework for certification and skills upgrading, with a focus on the twin transition in construction
- Identifying and integrating transitional skills into existing VET courses
- Establishing Centers of Vocational Excellence (CoVEs) with robust quality assurance mechanisms



# Topical areas for the construction sector as defined by the BuildSkills Academy

## Net Zero Carbon Emissions

Achieving climate neutrality in the construction sector through energy-efficient practices and building refurbishment

**178 skills for transformation**

## Climate resilience and adaptation

Preparing construction projects to withstand and adapt to changing environmental conditions, including extreme weather events and resource scarcity, in the context of climate change mitigation and adaptation

**110 skills for transformation**

## Circular Economy Practices

Implementing circular economy practices by incorporating new design and engineering methods, as well as improving material flow and waste management

**129 skills for transformation**

## Sustainable Materials and Sourcing

Utilizing sustainable materials and digital technologies to support the transition towards responsible procurement and sustainability

**97 skills for transformation**

## Occupant Health and well-being

Ensuring that building practices prioritize the health, safety, and well-being of occupants through improved indoor air quality, daylight access, and ergonomic design

**104 skills for transformation**

# European Quality Assurance in Vocational Education and Training (EQAVET) Approach for BuildEnrichedSkills Methodology

- **Anticipating Skill Needs**

Facilitate collaborative design and active participation in the feedback loop among stakeholders—including educational institutions, enterprises in the building sector, and suppliers of building innovations—within the VET development framework in Europe.

- **Supporting Growth Opportunities**

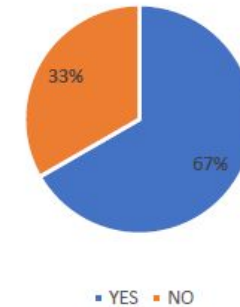
Enable both individuals and businesses to enhance learning, update emerging skills, and foster sector competitiveness.

- **Improving VET Quality**

Enhance the quality of the VET system for the construction sector by updating training offers to align with technological advancements and meet the challenges of the EU Green Deal and New European Bauhaus.

# Challenges to overcome

Does your organisation operate in the VET sector according to standardised quality system?



## Quality Assurance

Develop a compliant EQAVET system for the creation, delivery, and certification of training programs. This includes establishing quality criteria applicable to project partners and VET providers in different countries and identifying commonalities in quality approaches.



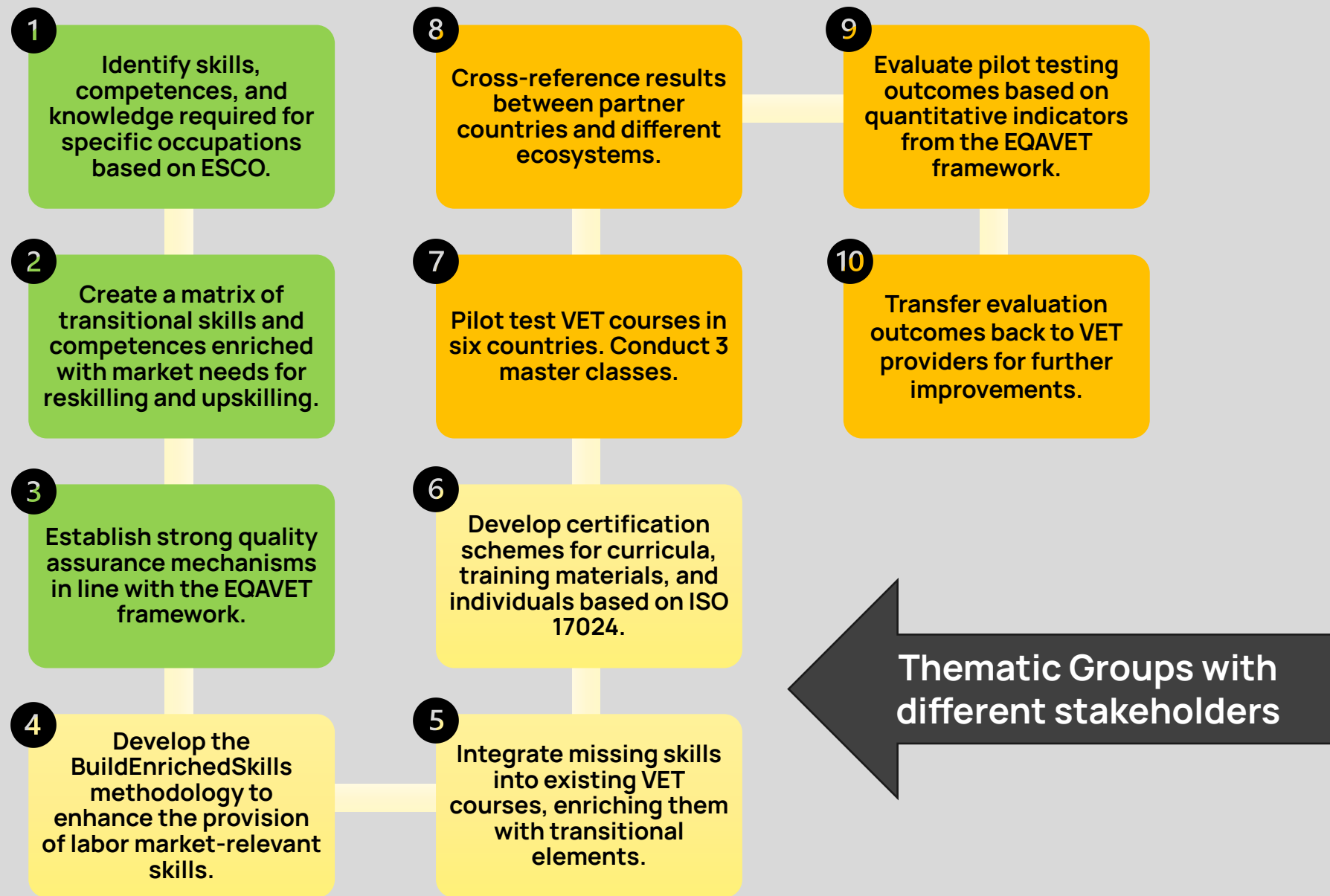
- **Compliance with EQAVET Standards:** Ensure that the BuildEnrichedSkills Methodology aligns with EQAVET standards.
- **Criteria for Enriched Courses:** Define the conditions required for a course to be classified as enriched and to meet the principles of professional excellence.
- **Self-Assessment Methodology:** Create a self-assessment methodology for VET providers to evaluate their adherence to the VET quality framework.

How is the quality system of your organization regulated?



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# The process



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## Contacts



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