

BUILDSKILLS ACADEMY

Upskilling and reskilling tools for the construction sector



Co-funded by
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The project Academy for Transitional Skills in the Built Environment is co-funded by the European Union,
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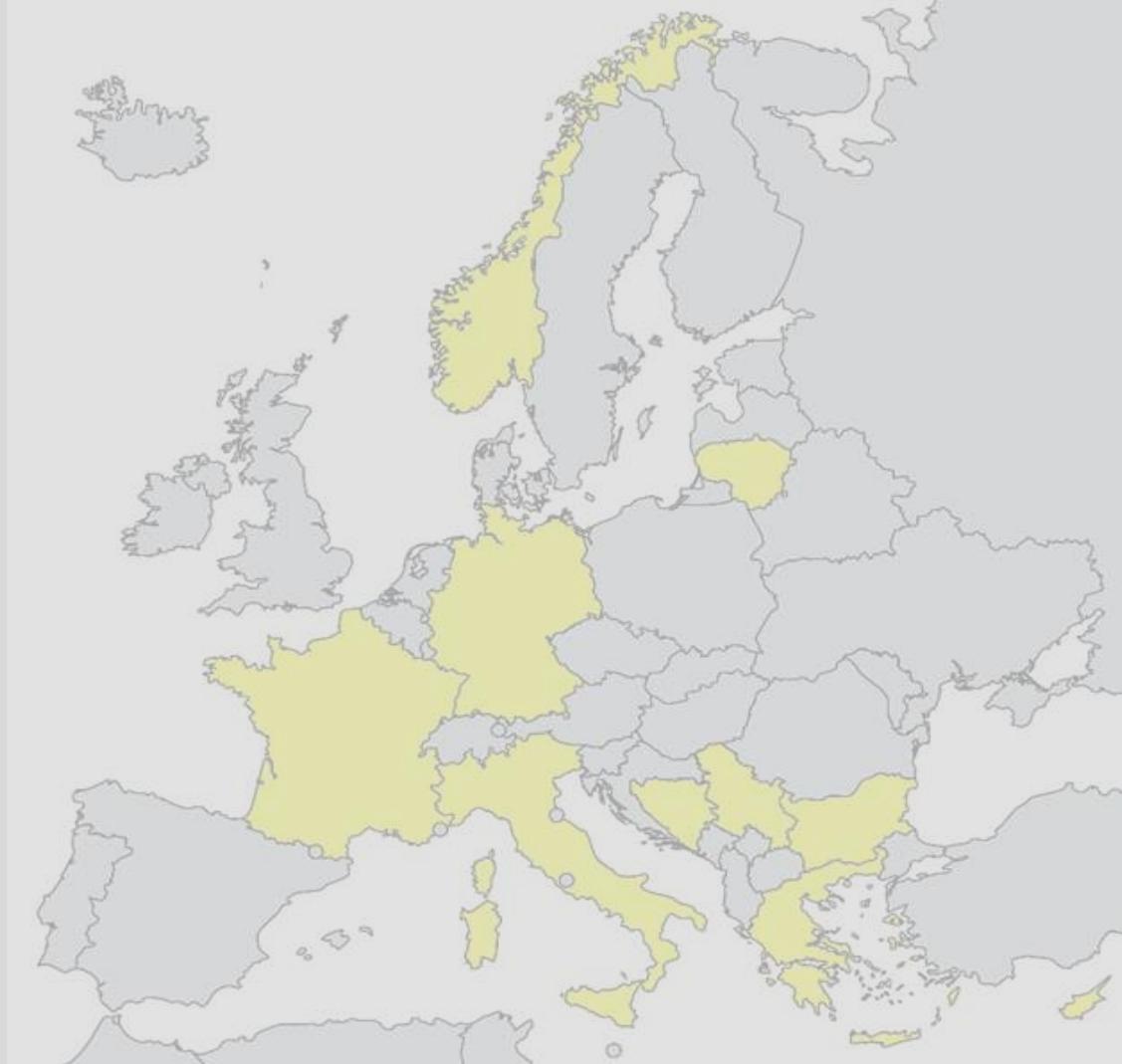
BSA brings together
17 partners from:
➤ 7 European countries
➤ 2 associated countries
➤ 1 non-associated
country



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BuildSkills Academy will elaborate strong and enduring **relationships at both local and transnational level between VET community and businesses** rolling out mutual benefits for the different stakeholder groups through:

- **revolutionizing the construction sector** by addressing the challenges posed by the twin transition
- **creating a pan-European framework for certification** and skills upgrading, focusing on the twin transition in the construction sector
- **identifying and integrating transitional skills** into existing VET courses



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ATHENS UNIVERSITY
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AND BUSINESS



IVEPE
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SDGacademy



Main goals and key project outcomes

- Update and adapt VET services offered to the emerging new needs of green and digital skills for future-ready construction workforce

*through the BuildEnrichedSkills Methodology
and our Digital Platform*

- Offer trainings related to the real needs of the labor market when applying the “lifelong learning” approach through reskilling and upskilling

through our 12 pilot courses - 6 enriched and 6 new

- Develop a Certification framework to represent an umbrella certification for recognizing and validating course content on transitional skills and competences provided by VET centers on EU level
- Bridge certification gaps between Member States

*through our ISO-based Certification schemes for curricula,
training materials and individuals according to ISO 17024*

and thus responding to the challenges of the twin transition for the construction sector



Key results

- a list of skills and competences for different occupations and EQF levels based on the taxonomy for green skills of ESCO
- a quality assurance process for enriched VET courses based on the EQAVET framework
- the BuildEnrichedSkills methodology for VET courses enrichment/creation
- a digital platform for self-assessment of VET courses
- certification schemes of curricula, training materials and individuals
- 12 VET courses developed
- certification framework for transitional skills and competencies
- certification and pilot testing of 12 VET courses in 6 countries
- Procedure for adaptation of learning provision to evolving labour market needs aiming at expansion of the portfolio of enriched courses
- conducting of 3 master classes with high-level European organizations from the sector

Target groups:

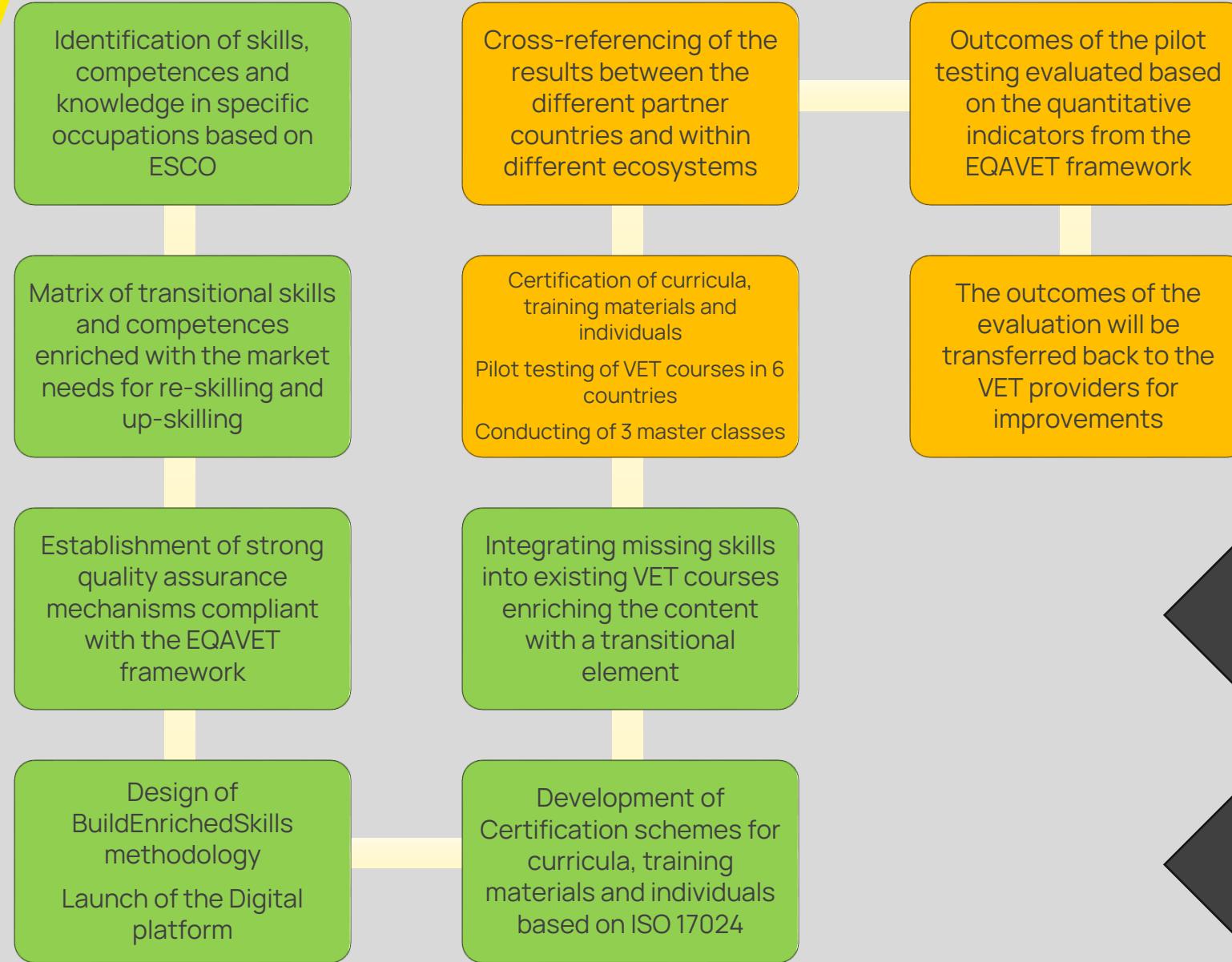
- VET centres
- Educational institutions
- Industry
- Policy makers
- Trainees



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The process



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BuildEnrichedSkills Methodology (BESM)

Target groups

- VET centers offering courses for the workforce in the construction sector
- Employers and employees in the sector

Objectives

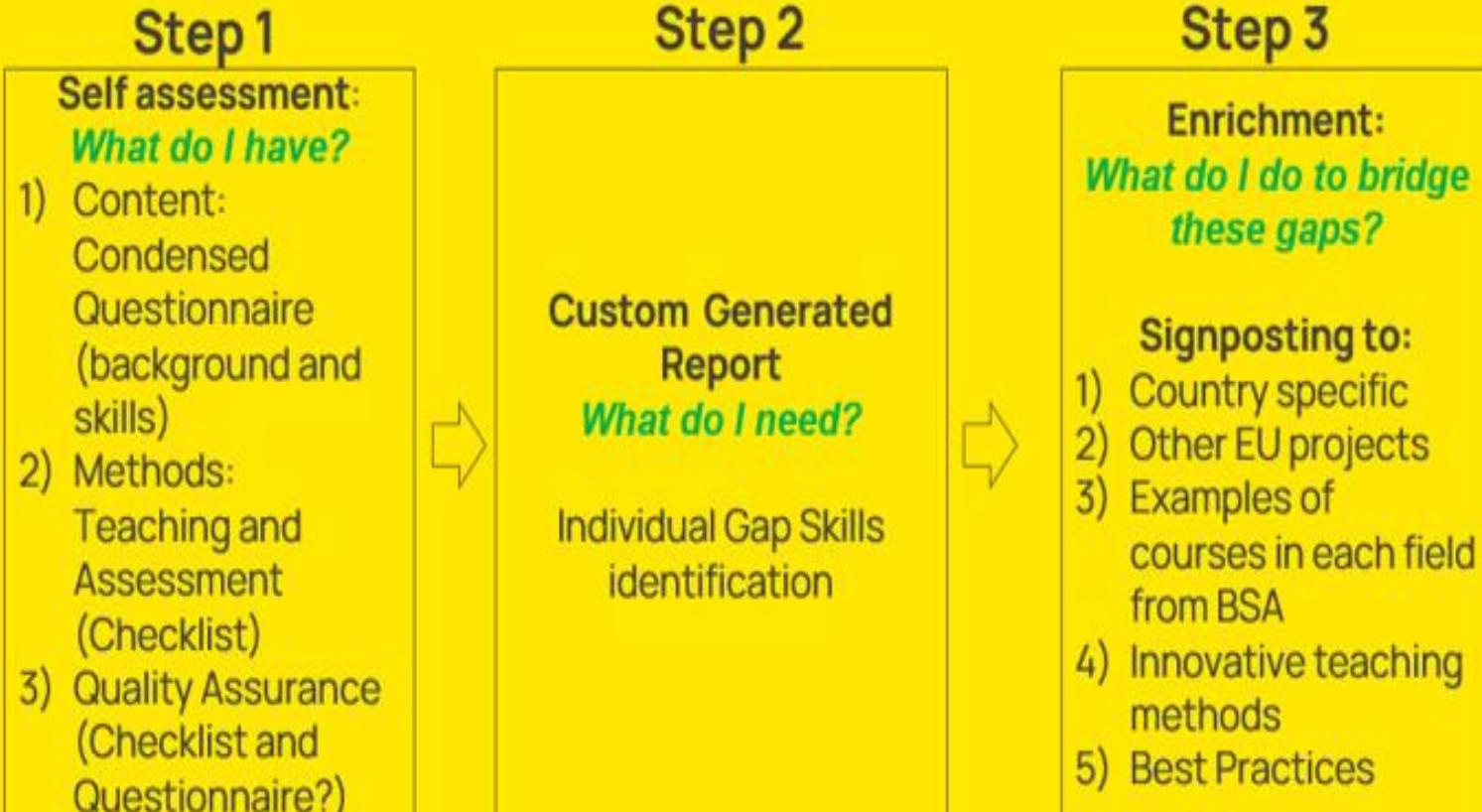
- Providing a practical toolkit to enrich/update the VET courses content with green and digital skills needed by the construction sector employees
- Introducing the principle of "lifelong learning" through upskilling and reskilling opportunities
- Responding to the challenges of the twin transition for the construction sector



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BuildEnrichedSkills Methodology (BESM) Framework



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The Digital Platform Concept

- A self-assessment tool allowing VET providers to implement the BESM
- Guiding VET providers through a step-by-step process to enrich their courses or develop new ones
- Assisting VET providers in identifying skills gaps (green & digital)
- Provision of guidelines for course enrichment
- Handbook and video to assist the users

Features

- Easy access to platform using Google or LinkedIn account
- Option to save an assessment as draft and continue at a later stage
- Access to past assessments and option to pre-fill a new form from a past assessment
- Downloadable tailor-made report with suggestions per different section



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The Digital Platform – Enrichment Process

Drawing from a repository of best practices, the tool provides guidance on how VET providers to enrich their courses in aspects such as:

- a) Content (green and digital skills for upskilling and reskilling)
- b) Teaching and Assessment methods
- c) Curriculum Integration
- d) Quality Assurance Procedures
- e) Industry Alignment



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Welcome to BuildSkills Platform

Self-Assessment

Start the self-assessment for your course

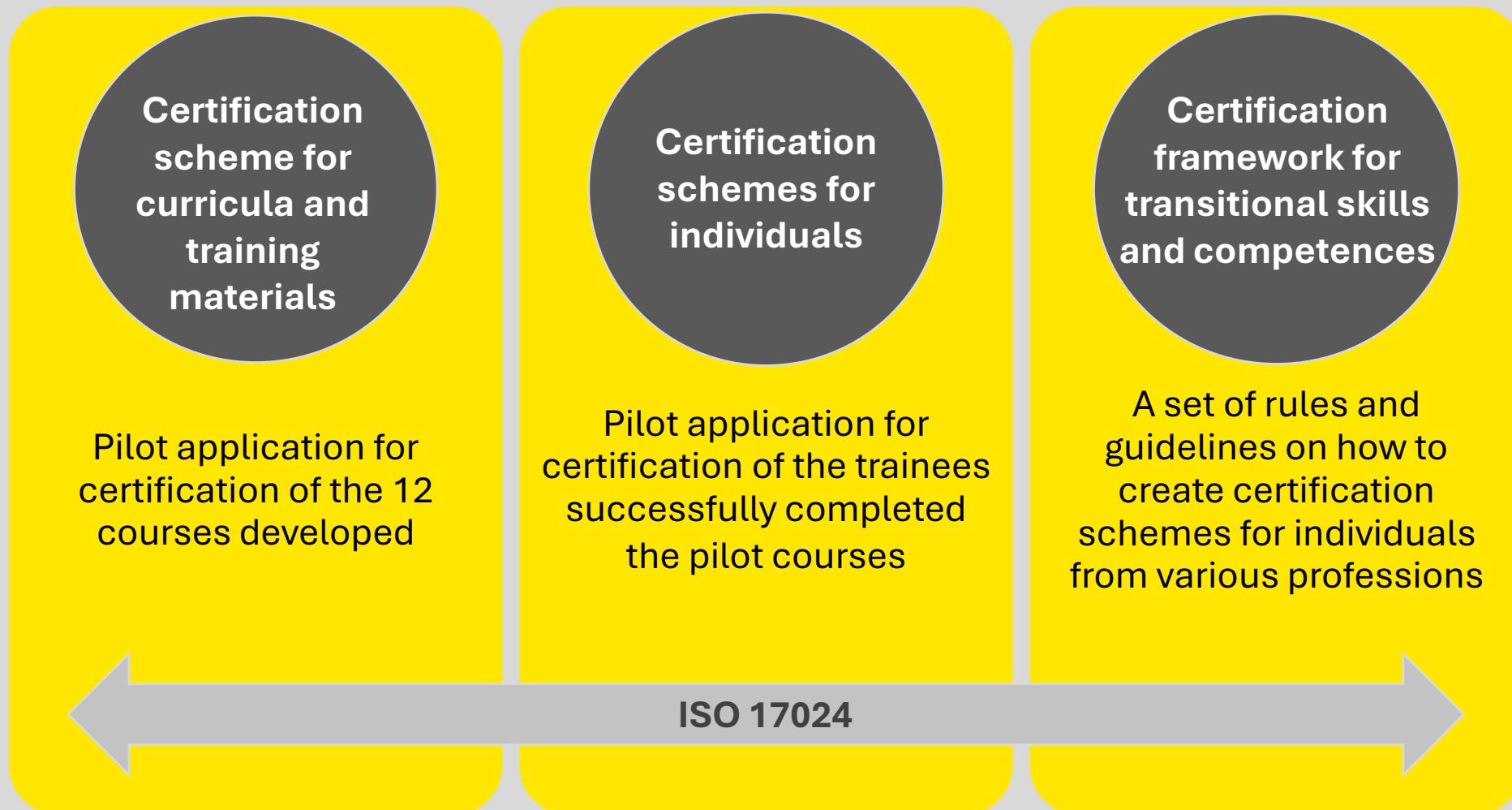
Start



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BuildSkills Academy – certification system



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Certification scheme for curricula and training materials

General rules

- Assessment and Certification Process
- Responsible Bodies - Technical Committee, Independent Assessment and Certification Committees
- Permanent Certification, Recertification - in case of significant changes

Assessment and Certification of Curricula

- Correspondence with EQF Level
- Learning Outcomes according to Bloom's Taxonomy
- Bibliography

Assessment and Certification of Training Materials

- Curriculum-Based Assessment
- Learning Outcomes-Based Assessment
- Assessment of Teaching Methods, Techniques and Types of Materials



Assessment against
the project context



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Certification schemes for individuals

General rules

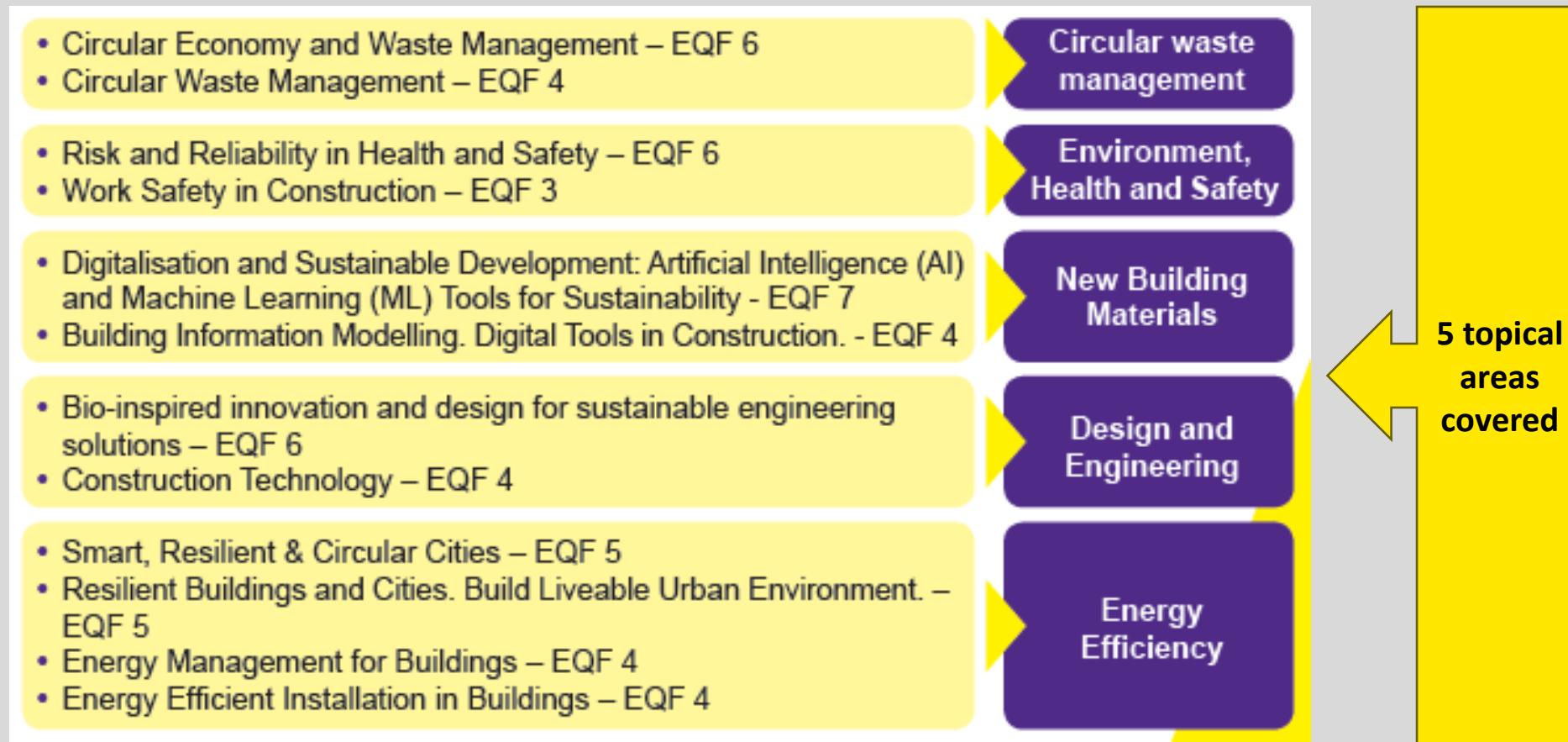
- Separate scheme for a specific position
- Independent Certification committee
- Procedure for assessment, granting, maintaining and withdrawing a certificate
- Criteria for initial and subsequent certification
- Tasks that certified persons can perform
- Responsibilities of certified persons



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The portfolio of our courses



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Master Classes

The Pact for Skills and what new skills will drive the twin transition?

Brussels,
Belgium

FIEC

How to stimulate the interest of young people for taking career in construction? The entrepreneurial examples from ANCE Giovani.

Rome,
Italy

ANCE

How sustainable construction will impact the sector in the future?

Berlin,
Germany

DGNB

Co-organizers

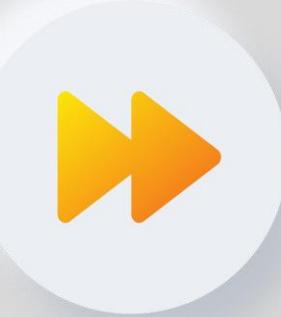


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BuildSkills
academy

Next steps



- **Finalization of the pilot certification of curricula and training materials** of the 12 enriched courses
- **Pilot testing of the 12 VET courses** in 6 countries and **certification of the trainees**
- **Expansion of the portfolio of enriched courses** through the development of Procedure for adaptation of learning provision to evolving labour market needs
- **Finalization of the Certification framework of the BuildSkills Academy** - framework for umbrella certification of transitional skills and competences ready to be adopted by external stakeholders interested in delivering vocational excellence for professionals in the built environment
- **Organisation of 3 Master classes** building upon the existing training content and providing further information on topics related to the construction sector development, twin transition and sustainable development



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Contacts



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