WATTer Skills

WaterEnergyNEXUS

Advanced Technologies and Best Practices

# SALERNO
# NOVEMBER, 15 2018

# WATER EFFICIENCY AND WATER-ENERGY NEXUS IN BUILDING CONSTRUCTION AND RETROFIT
# ERASMUS + STRATEGIC PARTNERSHIP 2017-2020

## PARTNERSHIP

adene
Agência para a Energia

FUNDACIÓN LABORAL DE LA CONSTRUCCIÓN

КАПЕ CRES

FORMEDIL
ENTE NAZIONALE PER LA FORMAZIONE E L'ADDESTRAMENTO PROFESSIONALE NELL'EDILIZIA

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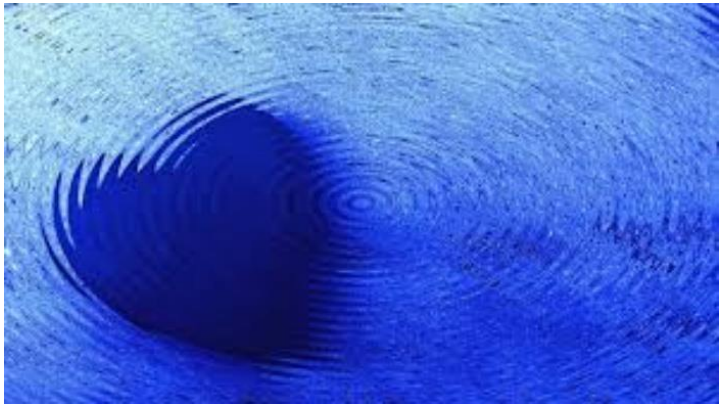
# MAIN AIM



To develop, implement and propose a common curricula, a qualification framework and an accreditation scheme at European level, for training and skills upgrading of construction and green professionals on water efficiency and water energy nexus for building construction and retrofit.

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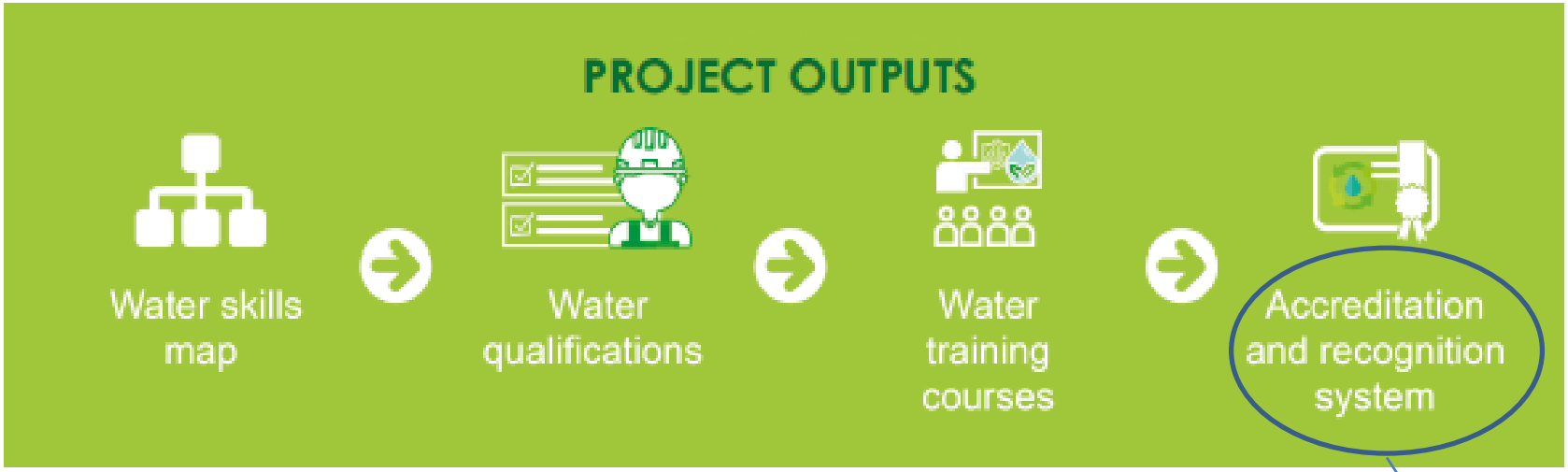
# PROJECT IMPLEMENTATION: expected results and outputs




**According with ECVET – European Credit System for Vocational Education and Training**

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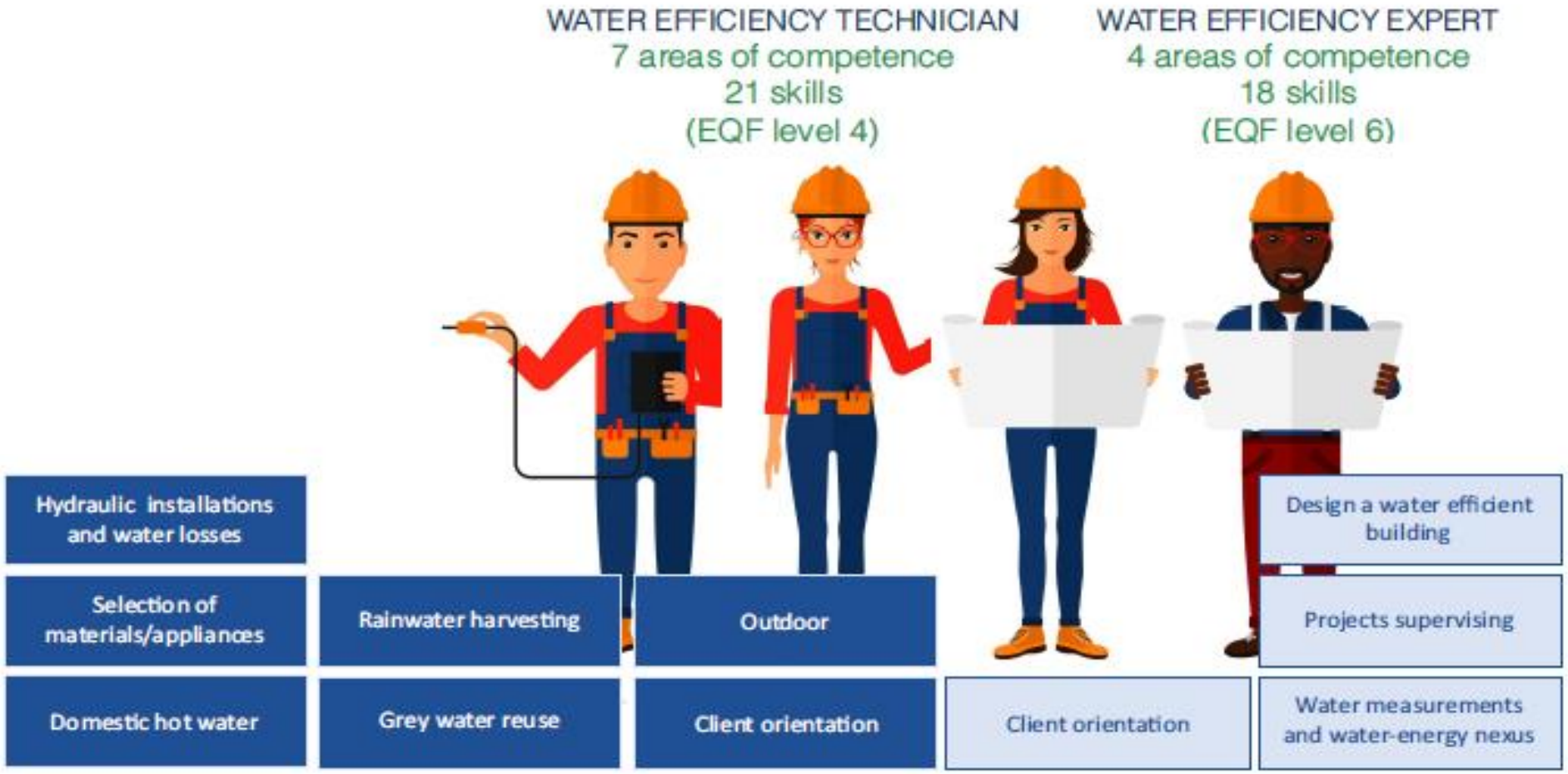
# WATTer SKILLS MAP

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# European Qualification Framework

| | Water Efficiency Technician<br>*people certified to install/maintain/repair water efficient systems. The water efficiency technician envisaged by this new qualification includes plumbers, installers, water supply and drainage maintenance technicians and energy system installers* | Water Efficiency Expert<br>*people certified to design, select, propose and inspect water efficient systems. The water efficiency expert envisaged by this new qualification includes water systems designers, engineers, architects, technical engineers, technical agents, energy and environmental performance auditors* |
|---|---|---|
| | **EQF 4** | **EQF 6** |
| **Knowledge** | Factual and theoretical knowledge in broad contexts within a field of work or study | Advanced knowledge of a field of work or study, involving a critical understanding of theories and principles |
| **Skills** | A range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study | Advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of work or study |
| **Responsibility and autonomy** | Exercise self-management within the guidelines of work or study contexts that are usually predictable but are subject to change; supervise the routine work of others, taking some responsibility for the evaluation and improvement of work or study activities. | Manage complex technical or professional activities or projects, taking responsibility for decision-making in unpredictable work or study contexts; take responsibility for managing professional development of individuals and groups |

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# EXPECTED IMPACT/RESULTS:

- ✓ Definition of the WATTer skills map at a European level.
- ✓ Development and definition of learning resources and of a common qualification framework.
- ✓ Definition of training methods and development of training programmatic contents, including the integration in an e-learning platform.
- ✓ Proposal regarding a common accreditation system based on ECVET
- ✓ Exchange of best practices.
- ✓ Strong involvement of main WATTer Skills stakeholders, in order to allow the same WATTer Skills sustainability in terms of professional profile validation and dynamic development, and Water experts professional recognition, employability and (regional, national, EU) mobility.

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