

Project concept & rationale

TRAIN4SUSTAIN an H2020 project
28.10.2020 at Sustainable Places Conference



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Project concept

Ongoing activities

Expected outcomes



Project Factsheet



- Start date 1 May 2020
- End date 31 October 2022
- Overall budget: € 994 375
- EU contribution € 994 375
- Coordinated by:
GEONARDO ENVIRONMENTAL TECHNOLOGIES LTD
- Topic(s): LC-SC3-EE-3-2019-2020 - Stimulating demand for sustainable energy skills in the construction sector

Consortium of 7 partners

GEONARDO ENVIRONMENTAL TECHNOLOGIES LTD
DR. JAKOB ENERGY RESEARCH GMBH & CO. KG
INTERNATIONAL INIZIATIVE FOR A SUSTAINABLE BUILT ENVIRONMENT ITALIA RESEARCH AND DEVELOPMENT SRL
ISTITUTO PER L' ISTRUZIONE PROFESSIONALE DEI LAVORATORI EDILI DELLA PROVINCIA DI BOLOGNA
Departament de Territori i Sostenibilitat - Generalitat de Catalunya
ORDINE DEGLI ARCHITETTI DI BOLOGNA
AGENCE QUALITE CONSTRUCTION

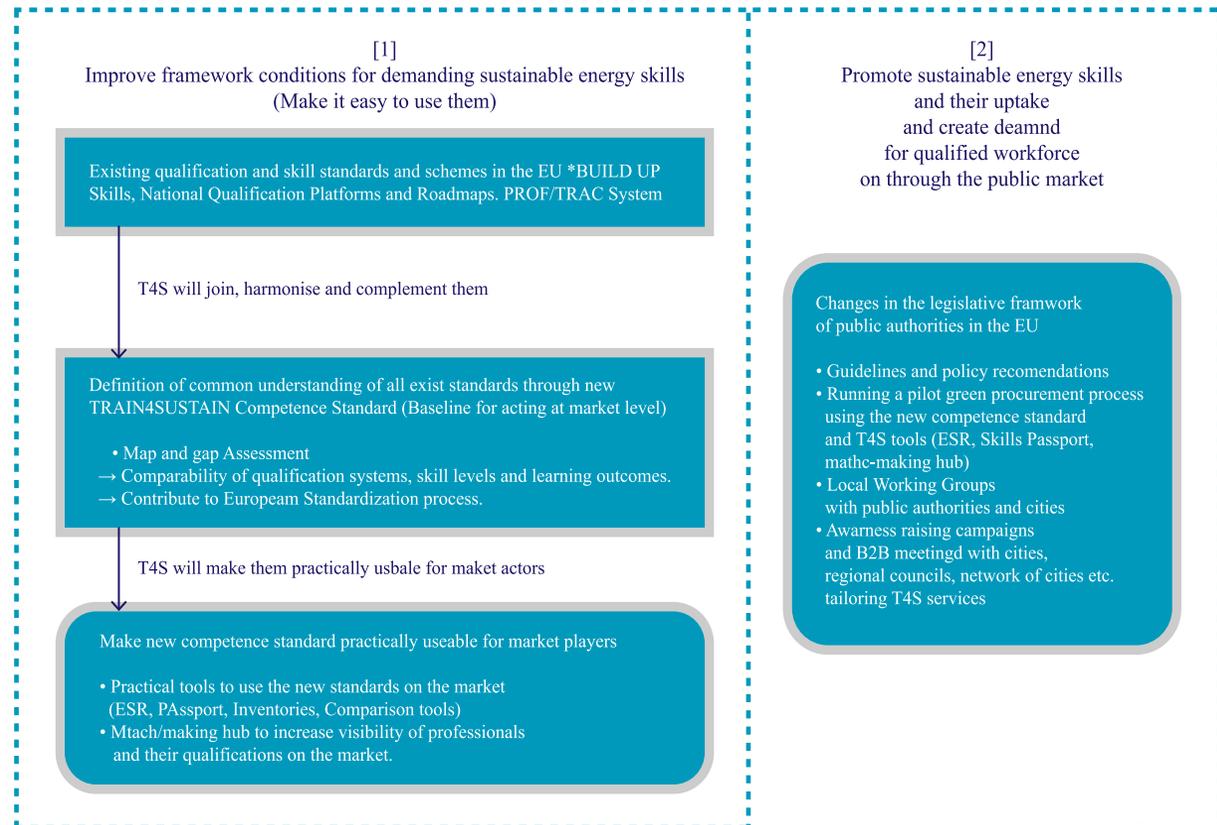


T4S Project concept

...raising acceptance of **regional and national qualifications and skills** on the EU construction market...

...**comparability** of national qualifications and sustainable energy skills is key...

...**competence quality standard, a European Skills Registry and a Skills Passport**...



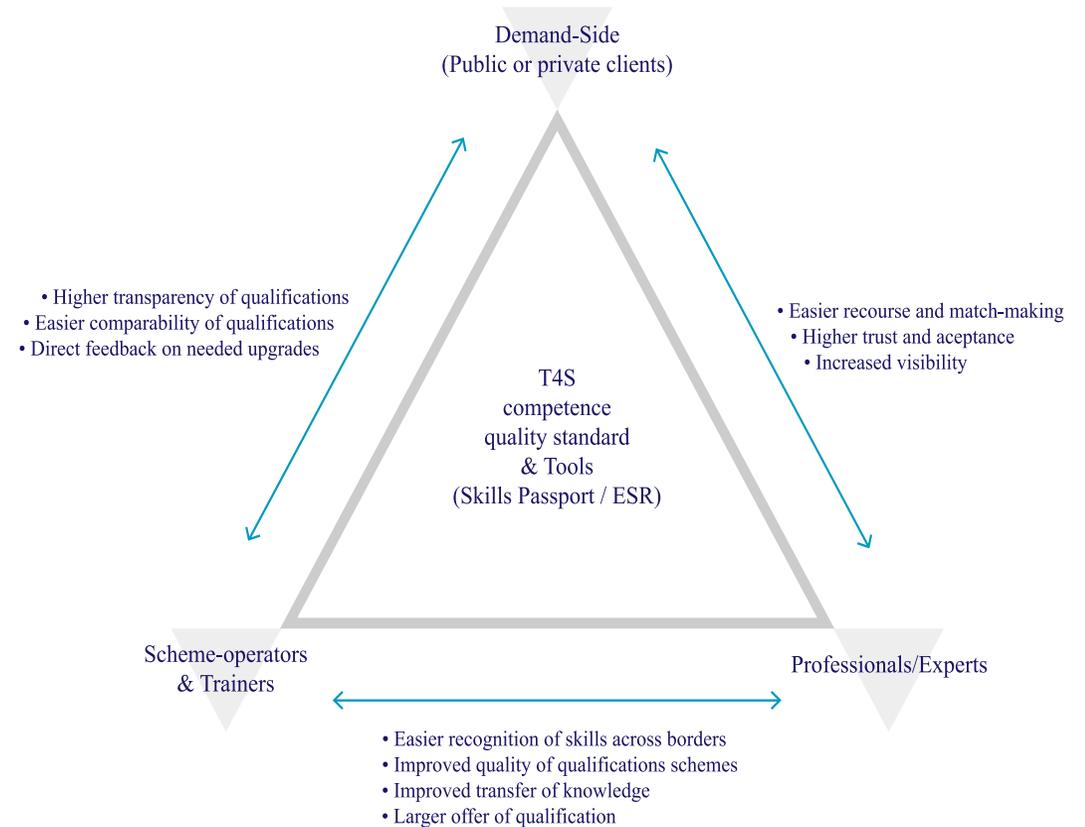
T4S Project concept

Be practical!

...Skills Passport will be a **market-ready tool** ...

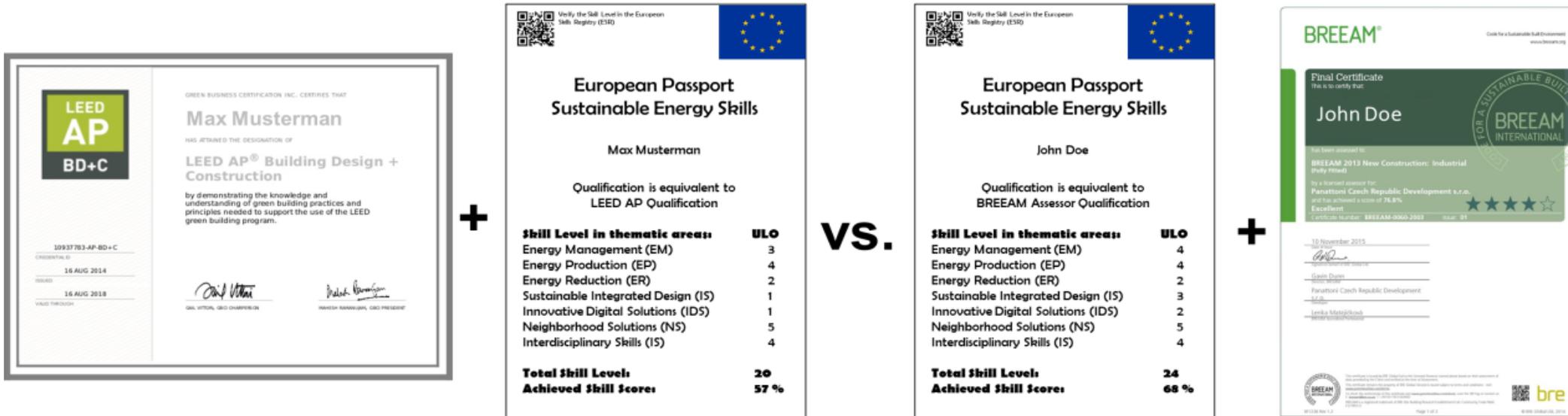
...online through the ESR (**via a printed QR-code**) and can also be used as **printed annex** ...

...show the achieved **skill levels on a transnational base** (similar to the Diploma Supplement)...



T4S Project concept an example!

Sustainability Assessors Qualifications



The image shows a comparison of three sustainability assessor qualifications: LEED AP, European Passport Sustainable Energy Skills, and BREEAM. Each qualification is presented with a plus sign (+) between them, and a central 'VS.' symbol.

LEED AP BD+C
 GREEN BUSINESS CERTIFICATION INC., CERTIFIES THAT
Max Musterman
 HAS ATTAINED THE DESIGNATION OF
LEED AP® Building Design + Construction
 by demonstrating the knowledge and understanding of green building practices and principles needed to support the use of the LEED green building program.
 10937783-AP-BD+C
 CREDENTIAL ID
 16 AUG 2014
 ISSUED
 16 AUG 2018
 VALID THROUGH
 GIL VITKAL, CEO CHAIRPERSON
 RAJESH KARANJIA, CEO PRESIDENT

European Passport Sustainable Energy Skills
 Max Musterman
 Qualification is equivalent to LEED AP Qualification

Skill Level in thematic areas:	ULO
Energy Management (EM)	3
Energy Production (EP)	4
Energy Reduction (ER)	2
Sustainable Integrated Design (IS)	1
Innovative Digital Solutions (IDS)	1
Neighborhood Solutions (NS)	5
Interdisciplinary Skills (IS)	4

Total Skill Level: 20
Achieved Skill Score: 57 %

VS.

European Passport Sustainable Energy Skills
 John Doe
 Qualification is equivalent to BREEAM Assessor Qualification

Skill Level in thematic areas:	ULO
Energy Management (EM)	4
Energy Production (EP)	4
Energy Reduction (ER)	2
Sustainable Integrated Design (IS)	3
Innovative Digital Solutions (IDS)	2
Neighborhood Solutions (NS)	5
Interdisciplinary Skills (IS)	4

Total Skill Level: 24
Achieved Skill Score: 68 %

BREEAM
 Final Certificate
 This is to certify that
John Doe
 Has been assessed for
BREEAM 2013 New Construction: Industrial
 (Only Home)
 by a licensed assessor for
 Parametris Czech Republic Development s.r.o.
 and has achieved a score of 78.8%
Excellent
 Certificate Number: BREEAM-2060-2003 Issue: 01
 10 November 2015
 Gábor Papp
 Gábor Papp
 Gábor Papp
 Parametris Czech Republic Development s.r.o.
 Lead Assessor
 Parametris s.p.a.
 BREEAM Rev. 1.2 Page 1 of 2



Project „key features”

- ✓ Take advantage of existing resources and tools (PROF/TRAC, BUS initiative, National Qualification Platforms and Roadmaps, etc.)
- ✓ Future oriented view aiming at sustainable buildings (Levels) sustainable built environment (CESBA initiative)
- ✓ Strong focus on the development of practical tools dedicated to market (ESR, match-making, etc.)
- ✓ Shaped by the industry for the industry (Local Project Committees in 5 countries)
- ✓ GPP – pilot implementation of tools and competence quality standard

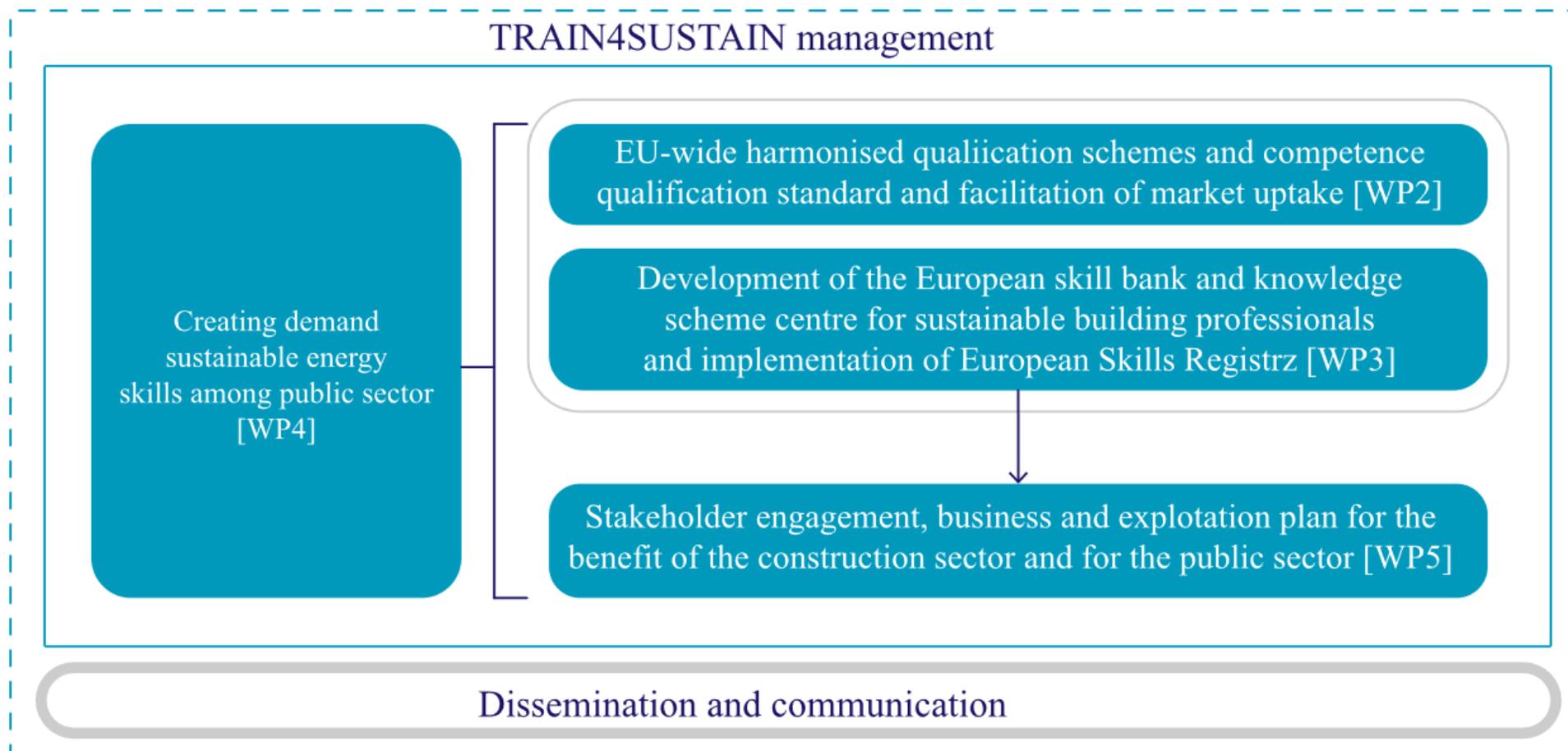


Project „key features”

- ✓ CEN/CENELEC workshop through UNI (the Italian Standardization Body) work towards **CEN Workshop Agreement** process: flexible and timely tool for achieving a technical agreement (market players)
- ✓ Consortia (SMEs, training institute, public entity): **blue collar/white collar** worker competences and qualifications
- ✓ TRAIN4SUSTAIN **Competence Quality Standard**: principles for a framework of sustainable energy skills in the construction sector

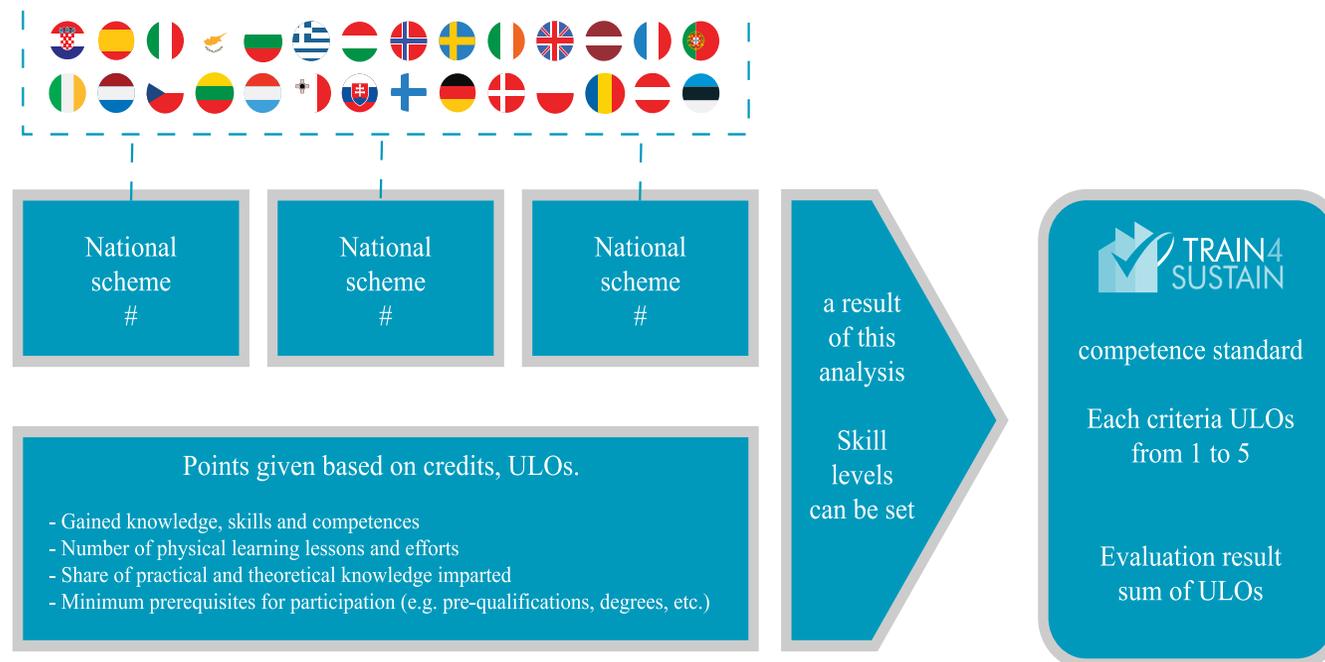


Project workplan



Ongoing activities

- Pan-European qualification scheme collection (5 countries) and analysis
- Analysing EU (projects) harmonization efforts
- Develop the „Competence Quality Standard” concept
- Best practices of skill registries and platforms
- Analysis of public sector obstacles and needs via procurement processes e.g. GPP



Expected outcomes, project outputs

Via the development of a

Competence Quality Standard

Competence Quality Standard to increase comparability and mutual recognition of regional and national qualification schemes on the market.

This Standard will set out the scope and depth of training and qualification for individuals in relation to studies on sustainable energy technologies and processes.

European Skills Registry

Register here to compare your skills and qualifications.



e-Inventory

Find over here the most updated e-learning materials, curricula and qualification schemes relevant to the energy skills.



Match-making Hub

Join our hub. Whether you're looking for energy professionals or you want to offer your skills, this is the right place.



Skills Passport

The Skills Passport will make your national qualification valid everywhere in the EU. Thus raising trust amongst employers.



Thanks for watching!

Check us out on..

<https://train4sustain.eu/>

LinkedIn

<https://www.linkedin.com/company/train4sustain-project/>

Twitter

<https://twitter.com/Train4Sustain>

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