



SKILLS
INSTRUCT
INSTRUMENTS
CONSTRUCTION

INSTRUCT project

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Project overview

- ▶ **Call topic:** LC-SC3-EE-3-2019-2020 → Stimulating demand for sustainable energy skills in the construction sector
- ▶ **Full title:** Evidence based market and policy instruments implementation across EU to increase the demand for energy skills across construction sector value chain
- ▶ **Acronym:** INSTRUCT
- ▶ **Budget:** 999.062€
- ▶ **Duration:** 1/06/2020 - 30/11/2022
- ▶ **Consortium:** 8 Partners from 7 countries + 2 third parties (METROPOLIA, EcoEnergy) + Advisory Board members (8 experts)



The challenge

- ▶ The European Construction sector faces unprecedented challenges;
- ▶ There is an opportunity to improve process efficiency, involving the entire construction supply chain;
- ▶ Energy efficiency demands adapted technology solutions, strategies (including **training and education**), and policy-making approaches incl. the entire supply chain;
- ▶ Energy use and efficiency measures tend to focus mainly on the diffusion of efficient technologies, less on energy management best practices, incl. training and education → however although these generate improved efficiencies, without adapted training the efficiency potential will not be attained.



Assumption: the overall potential for energy efficiency would be higher if successful **training initiatives** and supporting policy instruments are put in place. As such, **educational** (university curriculums and Vocational Education and Training) **and informative programs** are ideal pathways to **maximize demand for sustainable energy skills** in the construction sector.

Project objective

General aim: to act at a market level by providing an **operational framework** and **set of services** serving a new generation of skilled and certified workers and fitters and paving the way to legislative changes that overall will stimulate the demand for energy skills across lifecycle and supply chains

Outputs

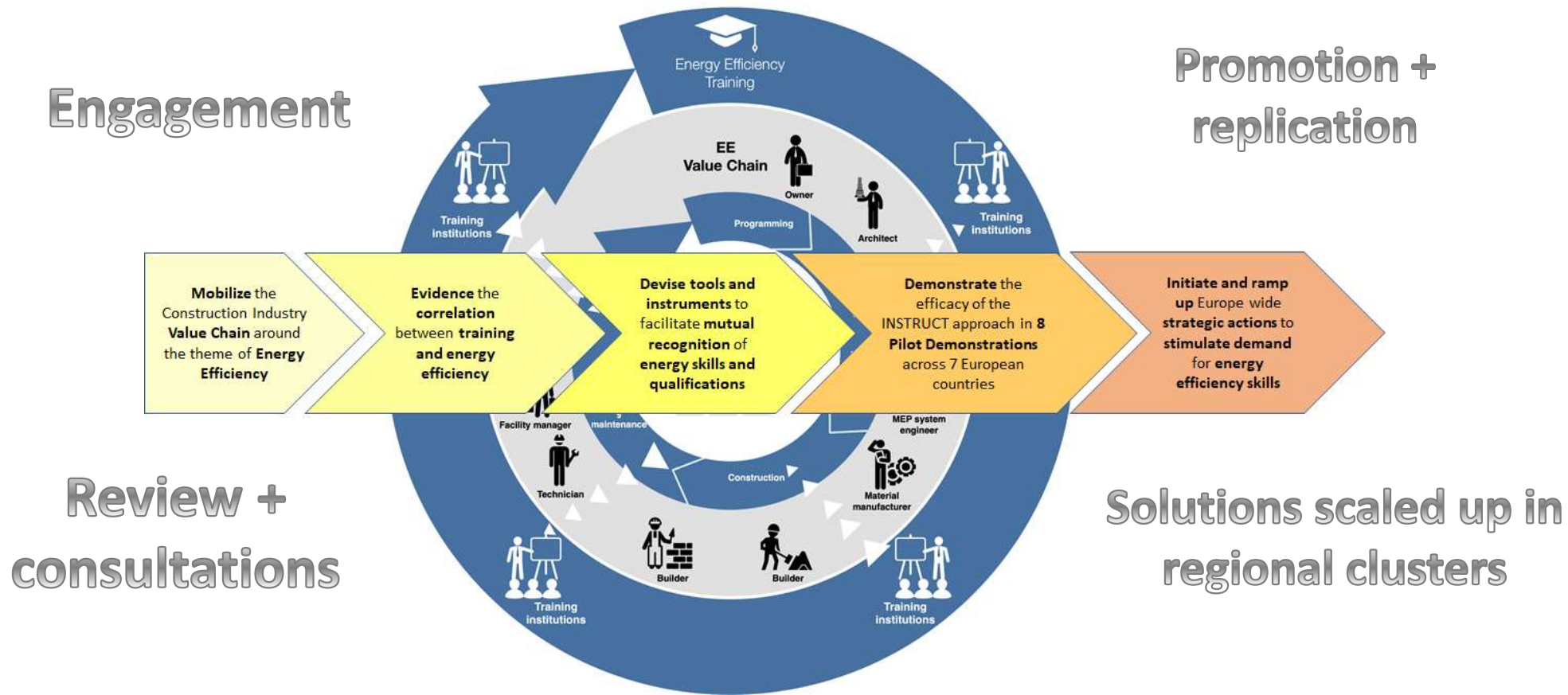
Research data proving correlation between skills, education, energy performance and quality;

Adapted existing and new tools to facilitate the mutual recognition of energy skills and qualifications

Supporting public authorities in development of new legislative frameworks

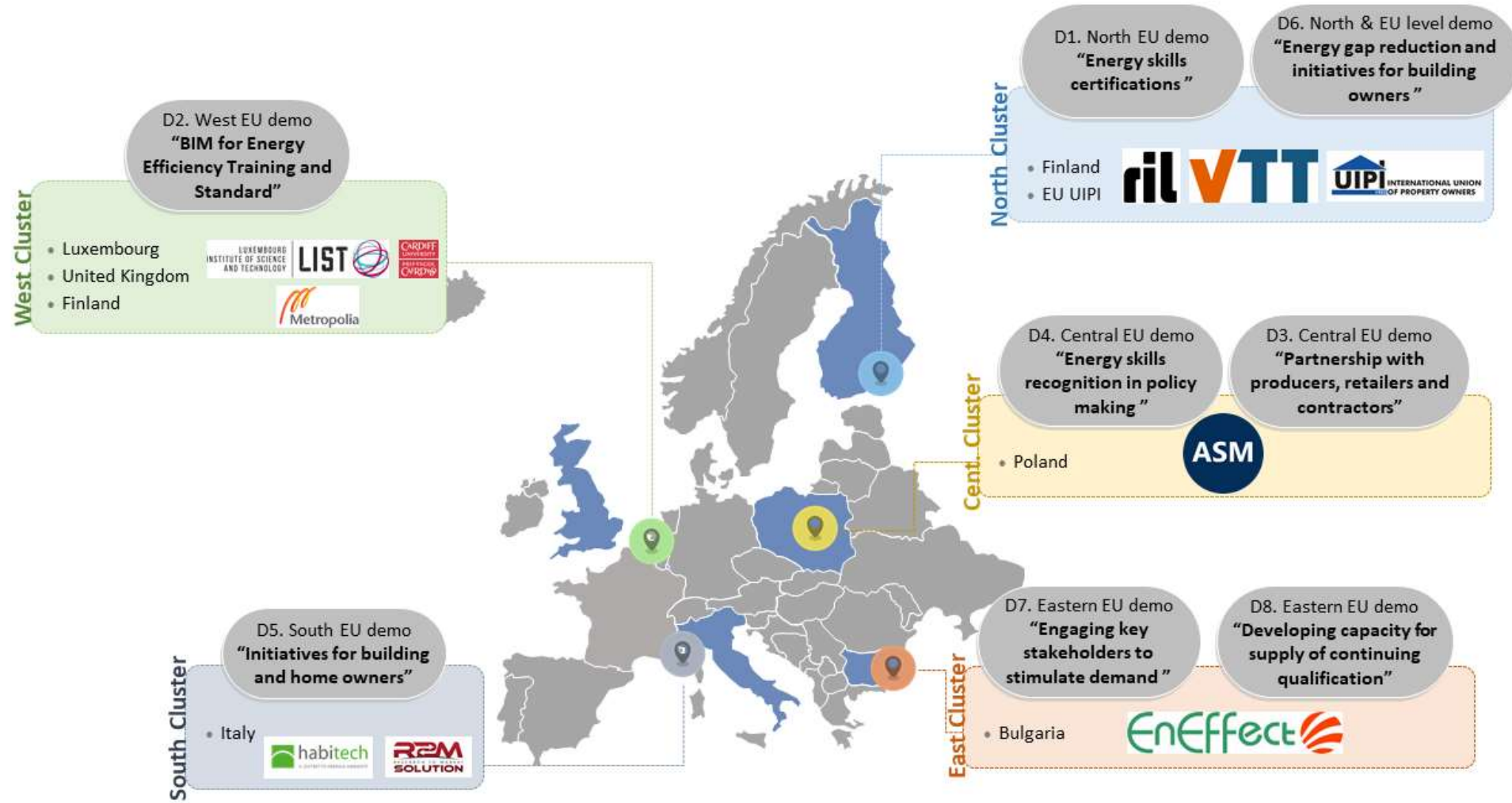
- ▶ **Solutions** to facilitate the mutual recognition of energy skills and qualifications in the construction sector, and as such contribute to the increase in the demand for skilled white and blue collar workers:
 - sustainable energy skills passports/register,
 - mobile applications facilitating the comparison of workers, skills and qualifications,
 - new legislative frameworks or public procurement practices,
 - initiatives for home and building owners,
 - new partnerships with producers and retailers,

The concept

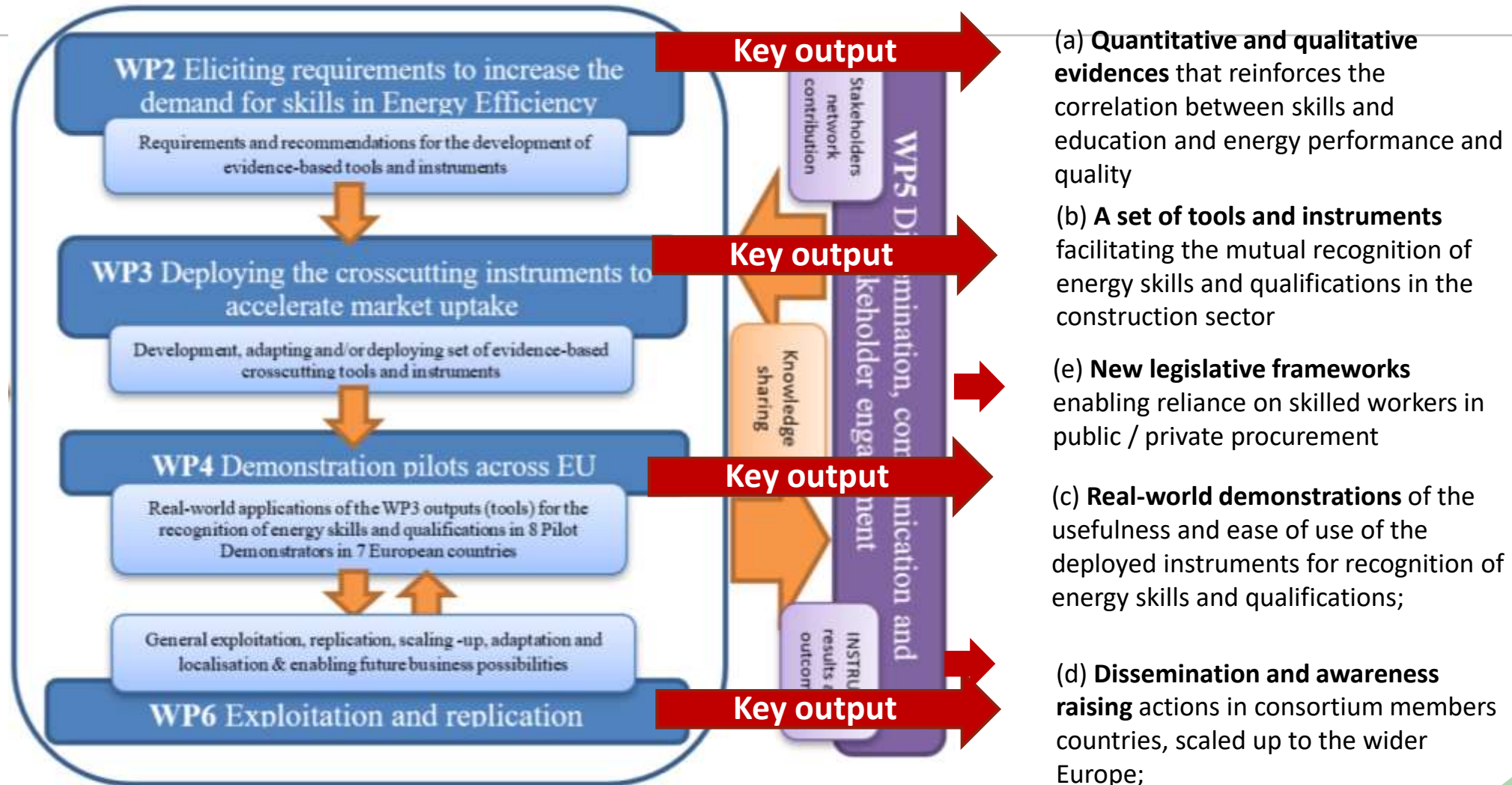


Stakeholder centred definition and harmonization of an EQF + tools information

The demonstrations



The work plan



Latest activities

- ▶ Finishing works with regards eliciting requirements to increase the demand for skills in Energy Efficiency
- ▶ Please contact Karla Lapit from Cardiff University: LapitK@cardiff.ac.uk



THANK YOU FOR YOUR ATTENTION



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PROJECT PARTNERS



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