

## Smart buildings

Smart buildings are the digital extension of architectural and engineering progress. As society now lives through the lens of technology, buildings are beginning to adapt to that framework to better serve their occupants. On the other side they can be one of the pillars for lowering energy consumption with a specific of being implemented in urban and in rural areas. By that it can contribute to overcoming the digital division and to development of the potential offered by connectivity and digitisation of rural areas.



### Duration:

1/10/2018 – 30/09/2020

### Budget:

426.939,00 EUR

## Partners

### CROATIA

**Craft College – Institution for Adult Education  
(applicant)**

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Faculty of Electrical Engineering and Computing**

Unska 3, 10000 Zagreb

[www.fer.unizg.hr](http://www.fer.unizg.hr)

### SLOVENIA

**Regional Chamber of Craft and Small Business Krško**

Cesta krških žrtev 67, 8270 Krško

[www.ooz-krsko.si](http://www.ooz-krsko.si)

**School Centre Novo Mesto**

Šegova ulica 112, 8000 Novo mesto

[www.sc-nm.si](http://www.sc-nm.si)

**Institute of the Republic of Slovenia for Vocational  
Education and Training**

Kajuhova 32U, Ljubljana

[www.cpi.si](http://www.cpi.si)

### ITALY

**Ecipa**

Via della Pila, 3/b – 30175 Marghera (VE)

[www.ecipa.eu](http://www.ecipa.eu)

**Centoform**

Via Nino Bixio, 11 – 44042 Cento (FE)

[www.centoform.it](http://www.centoform.it)

## Associated partners

### CROATIA

**Agency for Vocational Education  
and Training and Adult Education**

### ITALY

**Region Emilia – Romagna**

**Istituto Tecnico Superiore – Territorio Energia Costruire**

[www.smart-hvet.eu](http://www.smart-hvet.eu)



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# Smart qualification. Smart jobs. Smart buildings.



## Smart Development of HVET for Highly Skilled and Mobile Workforce

Project Number: 597862-EPP-1-2018-1-HR-EPPKA3-VET-JQ

**SHVET**

## Objectives

The project's **overall objective** is to support the development of highly skilled, qualified and mobile workforce between HR, SI and IT with the contribution to employability and closing skills shortages in companies in the electro-technical/construction sector by high quality HVET qualification delivery.

The **specific objective** is to deliver a new joint HVET qualification of the Expert in building automation which is in line with employers' present and future needs, based on work based learning (WBL) and integrating mobility of learners and workers.



## EQF 5

EQF level 5 functions as a bridge between education and workplace and allows learners to enrich their educational and professional profile. The new qualification will meet the need for advanced technical skills in building automation combined with managerial skills for helping workers to improve job prospects and change or progress in their careers. EQF level 5 qualifications are seen as valuable and relevant by employers as they include work-based learning and also to people with a qualification on the same level or higher, offering possible specialisation.

## Relevant skills and competences

The focus in the development of the joint qualification will be on the needs of employers who will be engaged during the whole process of development – from questionnaires, focus groups to working groups engaged in the identification of competencies and learning outcomes. Prior knowledge of learners will be recognised through developed guidelines and assessment standards. Learning outcomes will enable learners' as well as workers' mobility between three economically connected countries. WBL will be a key aspect ensuring relevant and applicable practical skills.

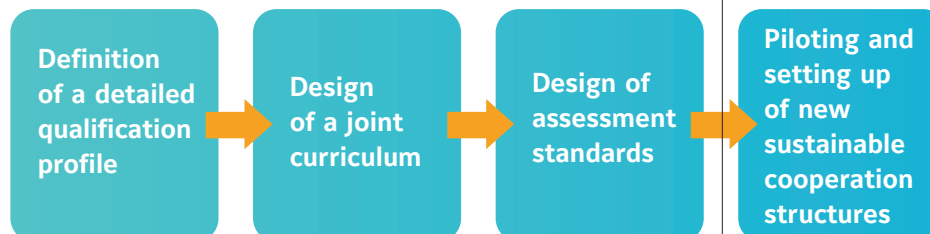
## SmartApp Network

The new curriculum and qualification will be validated by (H)VET teachers, trainers and experts through a Train the Trainer event. Project partners will then initiate the SmartApp Network starting with signing Memorandum of Understanding between (H)VET institution's and employers' support organisations. The MoUs will be a base for the network of SMEs ready to participate in exchange of workers and learners.

## Target groups

Employers  
HVET Learners  
HVET Institutions and Experts

## Methodology



## Goals:

-  support the development of highly skilled and mobile workforce
-  closing skills shortages and gaps in the electrotechnical and construction sector
-  deliver a new joint HVET qualification of Expert in building automation
-  support the development and promotion of HVET

