

# TOWARD A MORE COOPERATIVE AND DIGITAL WORKING ENVIRONMENT IN CONSTRUCTION SECTORS



**BZB**

Bildungszentren des  
Baugewerbes e.V.



WESTDEUTSCHER HANDWERKSKAMMERTAG



## CONTACT US

Scuola Costruzioni Vicenza Andrea Palladio

+ 39 0444.544395

[iconsproject@aldaintranet.org](mailto:iconsproject@aldaintranet.org)

<https://centroedilepalladio.it/>



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## INNOVATION IN CONSTRUCTION SITES



## THE CHALLENGE

The project ICONS aims to **improve the working quality** in the construction sector and **to promote its productivity and sustainability** in Europe.

Starting in **December 2019** with a **24-month** lifespan, ICONS aims **to empower non-professionals** to understand, read and process Building Information Modeling (BIM) information and projects, through the creation of an **innovative and tailor-made training course and App**.

## THE STRATEGY

### PREPARATION PHASE

The first phase of the project concerns the definition of the contents of the training model and the structure of the related app, based on the analysis of blue collars' learning needs.

### INTERNATIONAL TRAINING FOR TRAINERS

An International Training for Trainers will take place in 2021 in Vicenza (Italy), where expert trainers will be instructed on how to use the training modules and on the functioning of the app.

### TESTING AND ADJUSTMENT

National training courses and pilot tests will be implemented in 5 European countries (Italy, Spain, Slovenia, Germany and United Kingdom) by trained experts, to validate and adjust ICONS' training model and app based on workers' feedback.

### LOCAL EVENTS

Local events will be organized by all partners to disseminate project results towards local, national and international stakeholders within the construction sector.

## THE RESULTS

### BIM-ORIENTED TRAINING COURSE

Targeted for workers in the construction sector, the course aims to improve their skills in reading and processing technical information, in accordance with the integrated project system introduced by BIM.

### INNOVATIVE APP FOR 4.0 WORKERS

Specifically studied for blue-collar workers in building sites, the app is meant to include ready-to-go instructions for simple key actions that the worker might need to do on the building site.

### E-GUIDE "ROAD TO DIGITALIZATION FOR WORKERS 4.0: METHODS AND TOOLS"

The guide will collect the contents of the training and the main indications on how to use the app.

