

# 1. PRESENTATION

Cofinanciado por el  
programa Erasmus+  
de la Unión Europea



DIAGNOSIS



# DIAGNOSIS PROJECT

Innovating a crucial profession in building and construction sector.

In the European Union (EU) it has been detected an important lack in building and construction sector concerning a professional profile, expert in building diagnosis. It would be an expert in building evaluation, with the ability to inform and guide the owner, to plan the maintenance and the rehabilitation, starting from a good knowledge of the features, behaviour and the state of the building.



This Project is co-funded by the European Commission, within the Erasmus+ program.

This publication shows only the authors' point of view. The European Commission cannot be held responsible for any use which may be made of the information contained therein.

Free publication.

# OBJECTIVES

The main objectives of the **Diagnosis Project** can be summarized as following:

- To know the needs, the professional qualifications and the training programs in the diagnosis field in the different countries of the EU.
- To define a new profile of expert in building diagnosis and its formative curriculum to a European level.
- To create a training program for the new experts, pointed to the new technologies and the relational skills.
- To establish agreements between universities and entities of the sector to train and introduce the role of the new experts.

# TRAINING

The Project organizes different training activities in Spain, Italy and Poland. For each course in each country complementary topics are developed.

**Diagnosis in structure aspects, energy efficiency and environment**

barcelona

**Applications of BIM and social skills for diagnosis**

ferrara

**Geomatic and instruments for diagnosis**

warsaw

Three sessions of presentation and debate of the issues and contents to develop during the Project.

Three training courses for trainers in the issues and contents elaborated for the Project, with the participation of partners, members of the consultee Committees (resonance groups), university faculty and professionals.

Three pilot courses focused to the university student body, to test the established program of training.

In order to make the results extensive to the rest of the EU countries, once the tasks are accomplished, it will be organized a final Conference in **London**, in which the managers of European institutions and organizations will participate to debate the results and spread them.

# RESULTS

The expected results of the process and the development of the different actions of the Project are:

A good knowledge of the new technologies and tools for the building diagnosis, especially those related to structural aspects, energetic and environmental evaluation, BIM, geomatic and remote sensors, 3D models and others.

Definition of a new professional profile as a diagnosis expert, developed with the collaboration of specialists of the sector in different countries, which must include abilities and competences and be validated in the European context.

Establishing a new training program to qualify the new expert in building diagnosis, well defined in its theme and contents, to teach in universities and European centers of professional training.

Creation of a European network of universities and entities of the building sector interested in the training and professional development of the expert in diagnosis.

Editing of the publication "Expert in building diagnosis. A new professional profile for the building diagnosis and the construction in Europe" and its distribution to the political managers in chief, companies of the sector, universities and professional entities.



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## Program Erasmus+

Cooperation to the innovation and the exchange of good practices and strategic cooperation.

**Reference: 2017-1-ES01-KA203-038254**

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