




EUROPEAN INITIATIVE

The European Commission's initiative for the new “Green Deal” affects the construction sector with the so-called “Renovation Wave”, which aims to rehabilitate millions of buildings in Europe over the next decade. Its objectives are clear: to boost our economy in a period of recovery, improve the quality of life in citizens' homes and, collectively, move towards the goal of climate neutrality by 2050.

The building sector is the largest consumer of energy in Europe. The use of buildings accounts for 36% of CO2 emissions and 75% of the park built is highly inefficient, because it was built before the energy regulations, and most of them will continue in service in 2050. These data more than justify the commitment of the EU, but a rehabilitation operation as important as this one will also entail improvements in other aspects such as the structural safety of buildings, comfort, accessibility, etc. and the creation of jobs that are so necessary in the difficult times that we are experiencing.



Achieving these very reasonable goals cannot be done simply by wishful thinking, legislative action or funding. All this is necessary but, as shown by a survey carried out at the European level on this subject, it is also essential to awareness the society and prepare all the agents of the sector to be able to face the great challenge that this political commitment represents. Architects, Engineers, Builders... have already had the opportunity to enter into rehabilitation, but the effort that is required now requires expert professionals in the different fields of rehabilitation.

The Smart Rehabilitation 3.0 Project was born with the double objective of reflecting on and responding, from European universities and from the building sector, to the professional profile required as Rehabilitation Experts, and to define the necessary syllabus to achieve true valid experts at European level.

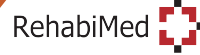
REHABILITATION EXPERT

A professional trained to interact with building owners, to understand their needs and with the technical capacity to draft the rehabilitation and restoration projects that each case requires, reaching the highest levels of quality and creativity. A professional sensitized in respecting traditional techniques and prepared to implement the most innovative techniques and new materials offered by the market, adapting to the requirements and characteristics of each building.

TRAINING SYLLABUS

We must have in mind that rehabilitation and restoration require a balance of two complementary disciplines: technological, related to the world of engineering, and artistic, related to architecture, aesthetics and heritage values. The training of the Rehabilitation Expert will always contemplate these two areas of knowledge, in order to be able to give an adequate response to the demands of a very active economic sector, without forgetting the social component, necessary for this type of intervention.

COORDINATOR



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Smart Rehabilitation 3.0

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Europe wants to rehabilitate millions of buildings between 2020 and 2030 to boost the economy, improve quality of life and achieve energy efficiency.

Professionals in the sector must contribute with Rehabilitation Experts.

smart-rehabilitation.eu

Experts in Rehabilitation
A need for the EU

PARTNERS



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SMART REHABILITATION 3.0

Innovating professional skills for existing building sector



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