

EDEACICE arises from award-winning projects EDEA & EDEA RENOV

EDEA & EDEARENOV research projects were coordinated by Extremadura's regional authority and awarded at European's level as best of best Life+ environmental projects.

EDEACICE's aim is to enhance energy efficient building stocks with sustainability criteria and to improve building sector competitiveness.



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JUNTA DE EXTREMADURA
Consejería de Movilidad, Transporte y Vivienda



edea



INNOVATION AND QUALITY OF BUILDING'S CENTRE



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WHAT IS IT?

EDEACICE, Innovation & Quality of Building's Centre, consist of experimental buildings, research facilities and training rooms which are remote controlled & monitored and combine energy efficiency, renewable energy sources (solar thermal, photovoltaic, wind, biomass, geothermal, evaporative cooling system) and digital & smart solutions to support the transformation of the energy system towards climate neutrality.

WHAT IS IT FOR?

EDEACICE is available for Private sector, Organizations and Training Centers to carry out applied research activities, experimental demonstration, training, development and promotion of energy efficiency and renewable energies related to innovation and quality in buildings.

- Real-scale technology testing and monitoring
- Vocational training and qualification
- Mentoring: internships, scholarships, doctoral students ...
- Part of R&D International consortiums and networks
- Exploitation of R&D project results



INFRASTRUCTURE

EDEACICE hosts the following research infrastructure:

- 2 Demonstrators / Experimental Housing
- Common facilities room
- Training and exhibition room
- Interpretation Center
- Roof with Solar and Eolic systems

CONTROL & MONITORING

EDEACICE has a very stricted Monitoring&Control system of all its infrastructures, buildings and systems so that allows visualizing, comparing and measuring in real time environmental conditions and the energy performance of EE solutions.

EDEACICE has its own meteorological station and 238 sensors or measuring points. The information collected by this sensors is centralized and displayed through a on-line friendly interfaz and remote-control system.

