CIAUD-UPT
RESEARCH CENTRE

PROJECTS
www.ciaud-upt.upt.pt

VERSUS
LESSONS FROM VERNACULAR HERITAGE IN SUSTAINABLE ARCHITECTURE

The project was based on vernacular architecture as a resource, and its significant potential for defining principles, from the perspective of sustainability, applicable in contemporary architecture. Contrary to the trend in the building industry, in which the methods and strategies of vernacular architecture are devalued, the project demonstrated the relevance of the principles and components integrated into its legacy. The main objective was to generate knowledge from the fundamental lessons and principles of vernacular architecture and to explore new ways of integrating them into sustainable building solutions.

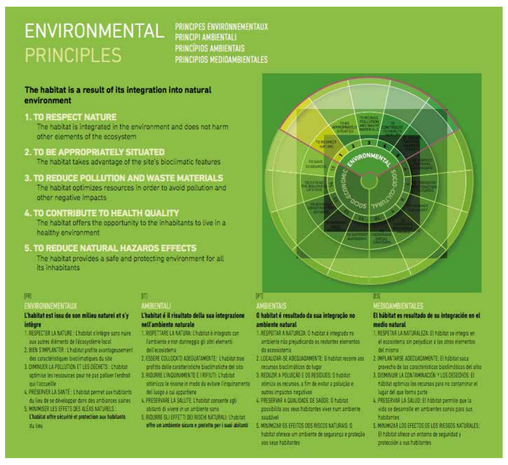
versus
Vernacular Heritage Sustainable Architecture

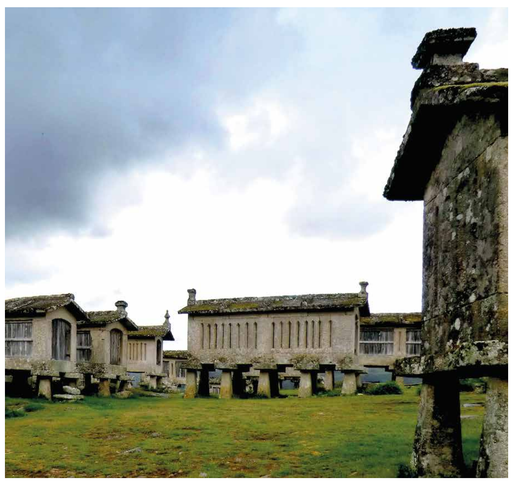
European Research Project

PARTNERS
ESG/ Escola Superior Gallaecia now CIAUD-UPT (Portugal) (Project Leader)
CRAterre-ENSAG (France)
University of Florence (Itália)
Polytechnic University of Valencia (Spain)
University of Cagliari (Italy).

FUNDING
European Program: Cultura 2000

www.esg.pt/versus/



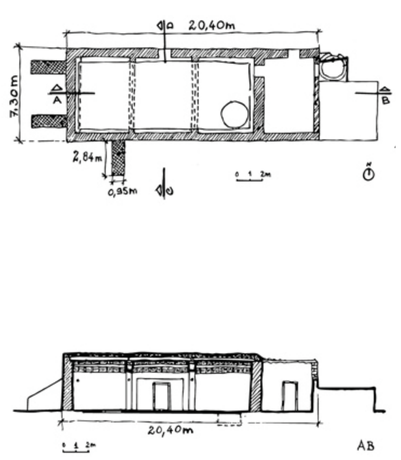


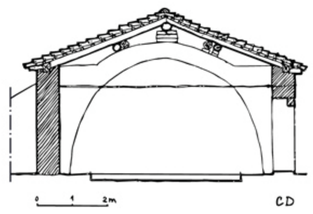
SEISMIC-V
Local Seismic Culture in Portugal

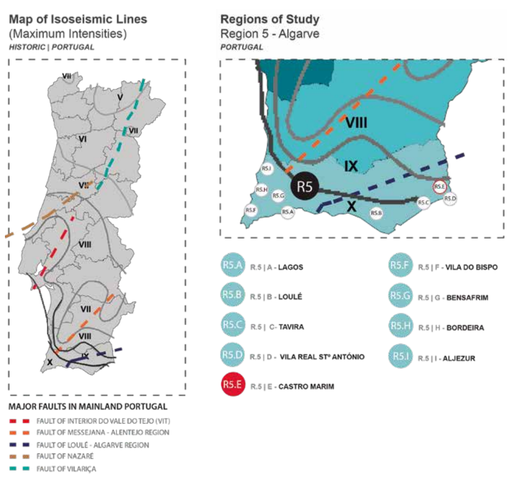
This project researches the seismic-retrofitting architectural elements that can be identified in the in-use vernacular heritage. The project is a useful tool for understanding and applying traditional techniques, without damaging their identity, in accordance with current safety parameters. The research contributed to the awareness and protection of the local seismic culture. The results of the project provided data for the seismic-resistant reinforcement of the architectural components of the vernacular heritage in use, which could save lives in the event of an earthquake.

PARTNERS
ESG/ Escola Superior Gallaecia - now CIAUD-UPT (Portugal) (Project Leader)
University of Aveiro - Department of Engineering (Portugal)
University of Minho - Department of Engineering (Portugal)

FUNDING
FCT/ Foundation for Science and Technology, 2012







CIAUD-UPT
Centro de Investigação em Arquitetura, Urbanismo e Design
Pólo na Universidade Portucalense