

CODE 1.3**THE REABILITATION'S SUSTAINABILITY – A SIMPLIFIED MODEL TO ASSESS INTERVENTIONS****Ramos, Ana ¹; Almeida, Cláudia ^{2 *}; Silva, J António^{3,4};**

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ABSTRACT

Recovering old urban centres is a Portuguese strategy to promote development and economic growth, supported by the strong evolution in the tourism sector that has been revealed as a key element for increasing gross domestic product (GDP). The Europe has also a specific worry in which built environment is concerned, namely through the European goals until 2020 that are based on the need to reduce the energetic consume and to increase the use of renewable resources.

Having in mind these aspects, in this paper the following tasks were done: i) sustainable assessment tools for rehabilitation actions were analysed; ii) European and national policies for urban rehabilitation and renewal were studied, in deeper sense, the one towards sustainability; iii) to create a simplified model to assess sustainability in old city centres interventions, criteria were defined; iv) a model was designed with areas, criteria and assessment indicators. The model presented is accurate with the built environment and its application makes possible to assess the impact of solutions, systems and techniques adopted in the design process, with the analysis of the defined criteria and the aim of improving the environmental, social and economic performances of buildings and old urban centres.