

Development of an historic village of the Amendolea valley with regard to the smart technologies: from "Smart city" to "Historic smart village"

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Abstract

This abstract is part of the book: Design guidelines for integrated restoration, HISTORIC SMART VALLEY, Conservation, Safety and Enhancement of historical settlements in the Amendolea valley, by Caterina Sergi. It summarizes the guidelines to analyze and design an historic village in term of environmental sustainability, technological and business enhancement. In the first part of the chapter two key concepts and two models of analysis and design for "smart cities" were defined. In the second part the role of the IT in the urban design, the smart technologies and the IoT (internet of things) were described. The last part defined the concept of "historic smart village" from the concept of "smart city" and it discussed about the reengineering of an historic village in term of "smart technologies" and IT solutions.

References

- [1] Design guidelines for the integrated restoration, HISTORIC SMART VALLEY, Conservation, Safety and Enhancement of historical settlements in the Amendolea valley, by Caterina Sergi, THOLOS Group S.r.l Editore, ISBN: 978-88-98852-00-02013