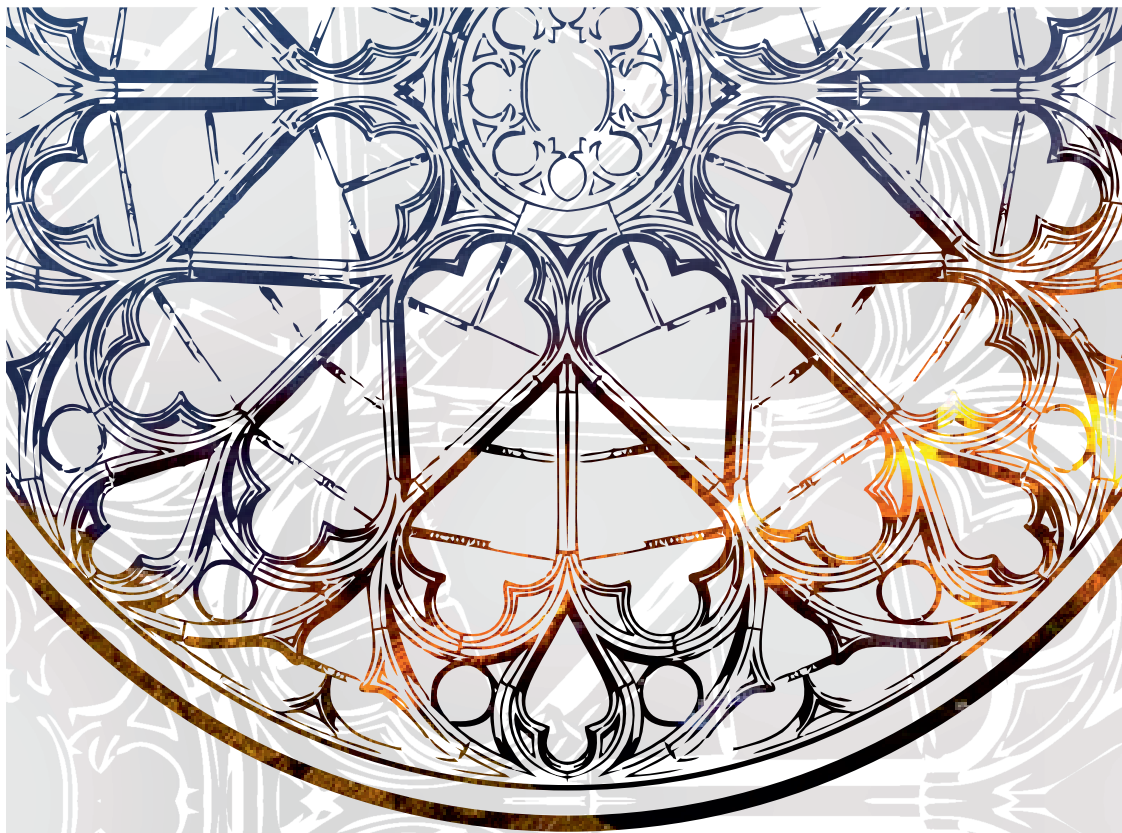




ICOMTT2020

INTERNATIONAL CONFERENCE ON MANAGEMENT TECHNOLOGY AND TOURISM
SOCIAL VALUE CREATION

FEBRUARY 6 - 7, 2020

SCHOOL OF MANAGEMENT AND TECHNOLOGY OF SANTARÉM, SANTARÉM, PORTUGAL

BOOK OF ABSTRACTS



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1st International Conference on Management, Technology and Tourism: Social Value Creation

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PUBLISHER

Instituto Politécnico de Santarém, Santarém, Portugal

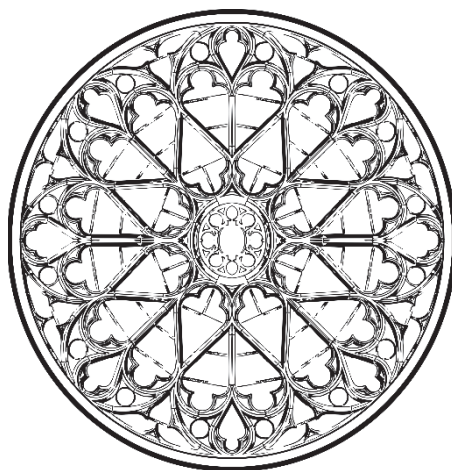
ISBN: 978-972-95259-5-7

Date: 6-7 February 2020

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Funding: FCT/Alentejo2020 - VOLTO JÁ: PROGRAMA DE INTERCÂMBIO SÉNIOR (Ref. ALT20-03-0145-FEDER-024111).





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Santarém
6-7 February 2020

Proposal to use Open Source technologies for tourism management

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ABSTRACT

Purpose: This research aims to analyze the georeferenced tourist information bases of the region of Coimbra, Portugal through *Open Source* technologies as a possibility to generate a contribution to the various sectors of destination management.

Methodology: Methodologically, we seek to discuss public and/or private corporate interaction processes in building a relational *GeoPackage* anchored on *Web Gis Server* (QGIS Cloud), which uses the concept of SAAS (software as a service), dispensing the need to create a unique structure of *hardware*, *software* and human resources dedicated to the municipal GIS and that can be accessed on the sites and public applications.

Findings: The project proposes to use official data resources free of charge by the different levels of governments, and mainly, the data considered individual, generated by citizens and available in the exploiters *Google Maps*, *Bing Maps*, *Open Street Maps*, *Waze*, etc. that can be extracted, stored and distributed freely (Mateveli et. al., 2015). Thematic maps and classifications of information uses should enable the execution of geolocated cadaster and accompaniment processes and areas that view territorial ordering. Today, GIS is a powerful set of tools for identifying, storing, updating, managing, analyzing, and visualizing spatial data.

Originality/value: Thus, we prove that their incorporation into the daily life of people is already possible from the wide use of *laptops*, *smartphones*, *tablets* and other "*wearable technologies*" that helps to produce voluntary collaborative maps and information that demonstrate the decentralization of the process of production and control of spatial information.

KEYWORDS: Open Gis, management, tourism, planning, Open Data.

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