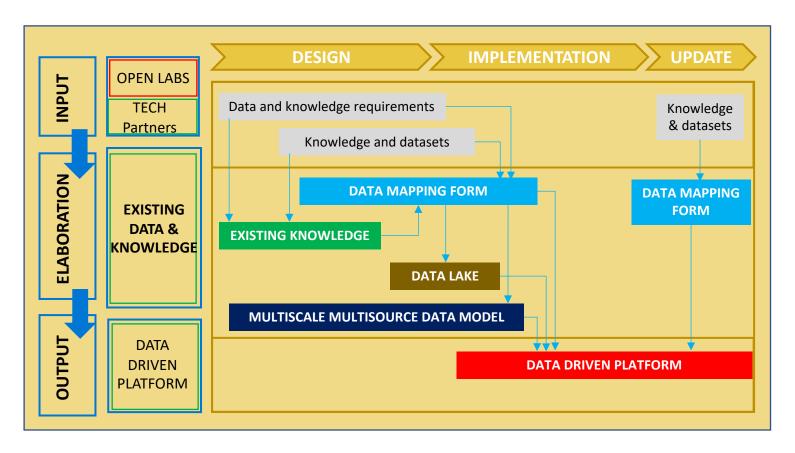




Overview

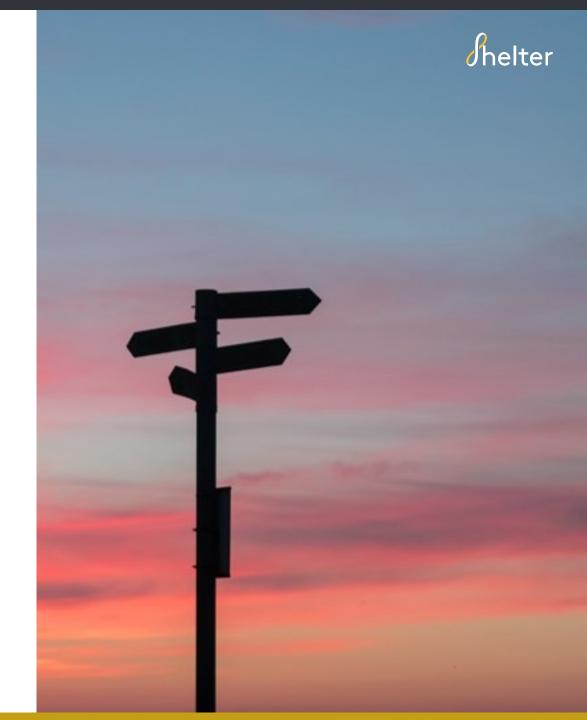


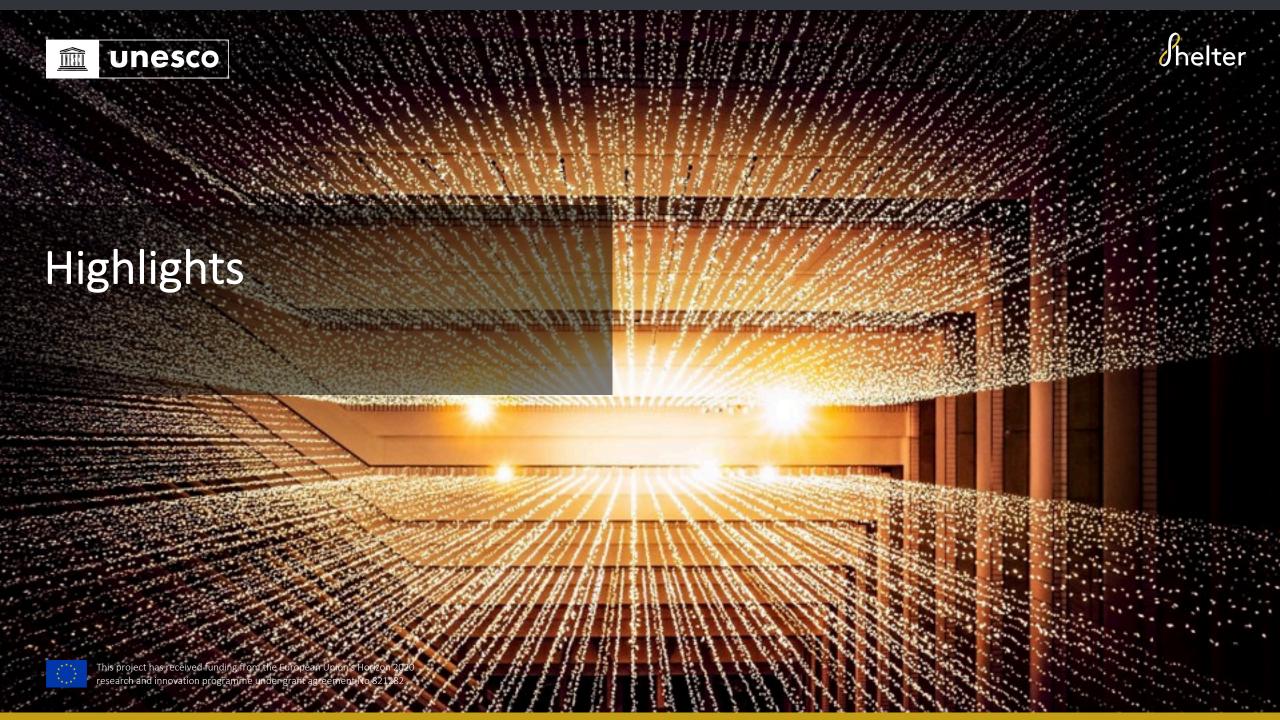




Objectives

- Requirements specification for the data driven platform design and implementation
- Identification of standards, interoperability features, data protocols, security, timing and other constraints of the data sources
- Codification of existing knowledge by adapting existing ontologies, building of a lesson learned and next practices observatory
- Design and implementation of a data lake and a multisource, multiscale, regional and urban data model



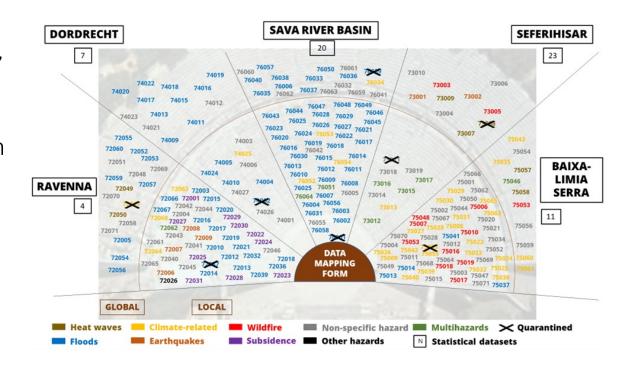






Data collection & standardization

- Codification of existing knowledge: data collection, filtering and analysis
- Development of a common understanding through the SHELTER ontology
- Common reference regulatory framework
- Collection of practices and tools for defining replication conditions

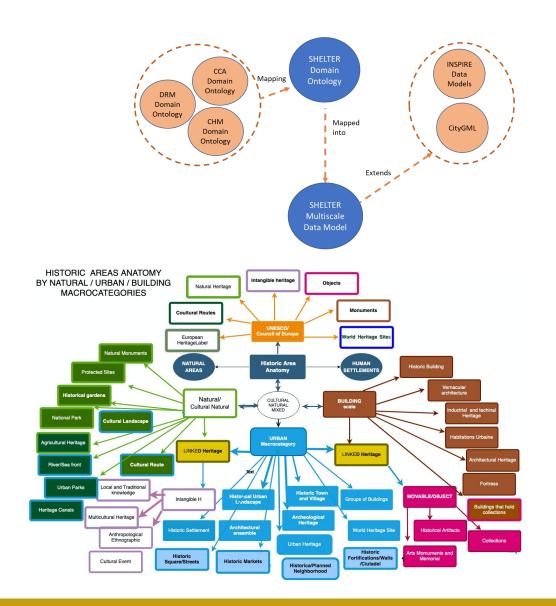






Knowledge operationalization

- Requirements specification for the Data Driven
 Platform
- Definition of the data management infrastructure through the Data Lake
- Multiscale Multisource Data Model design for geospatial and semantic data storage







Challenges

- Data/Indicators matching
- Data collection at local level
- Metadata structuring
- Data mapping to the Disaster Risk Management phases



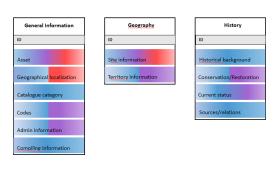


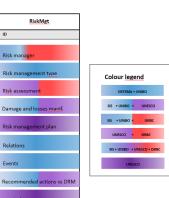


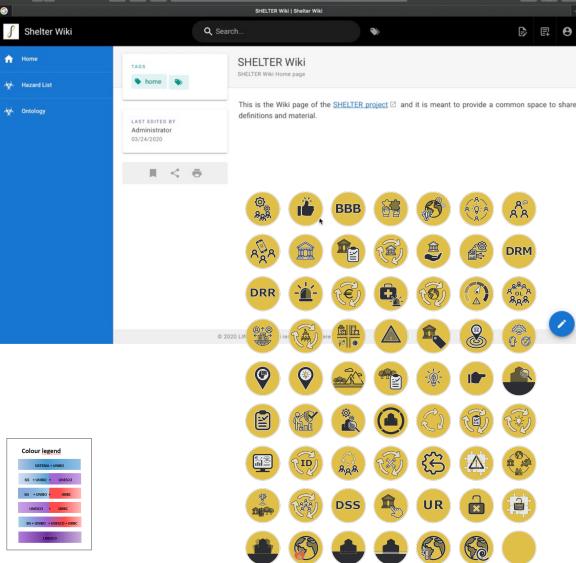


Data Sources & Knowledge

- Methodology to collect, filter and analyze the data
- Structured list of datasets and knowledge sources
 (Data Mapping Form)
- Mock-up for Cultural Heritage attributes
- SHELTER Wiki page and icons



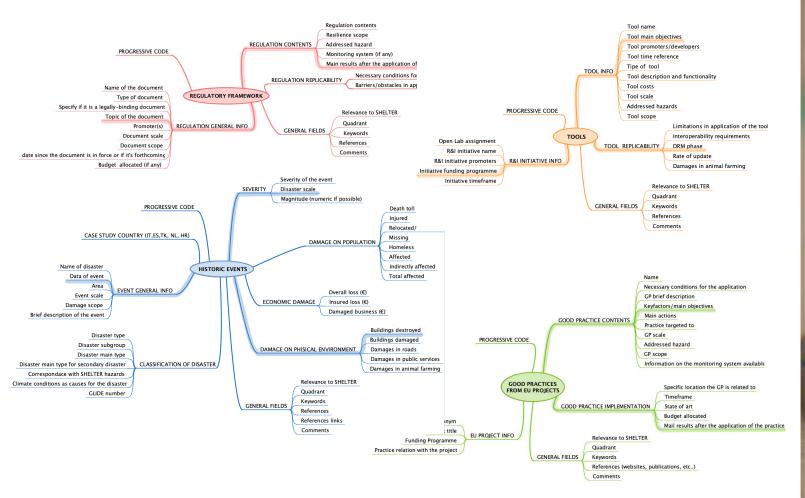




maki.shelter-project.cloud



Best/next practices observatory







Shelter

Conclusions



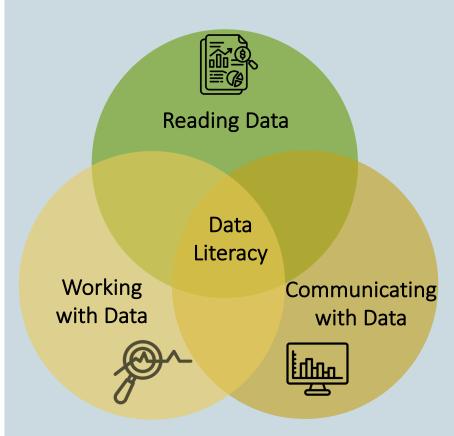
This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 821282



Data Literacy

- Data and knowledge are essential parts of decision making for Cultural Heritage
- Simply collecting data is not enough!
- To make the most of this asset, DATA LITERACY must be a priority



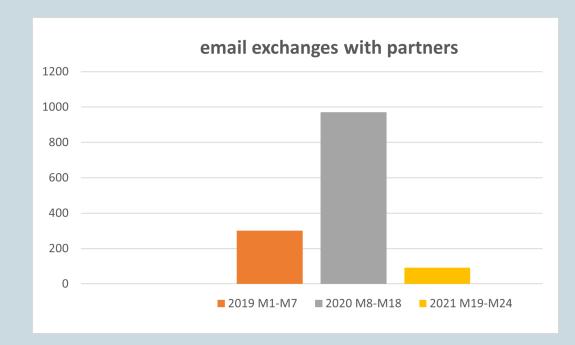




A few numbers...

- Number of emails exchanged with partners: 1364
- Number of work package meetings: 15
- Number of bilateral meetings: **39**









THANK YOU!

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