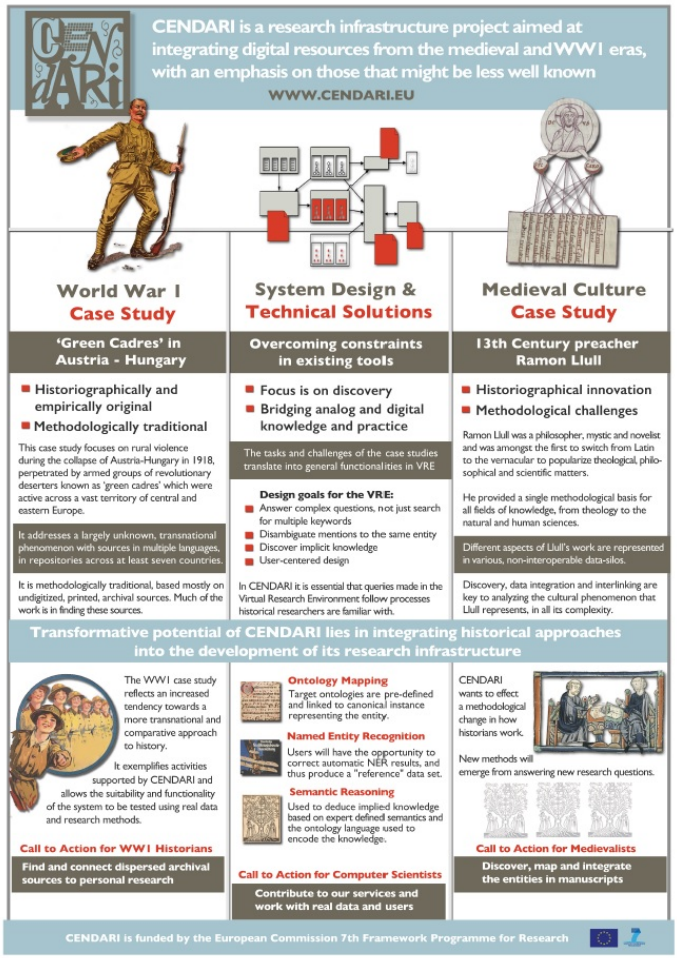
CENDARI


CENDARI is a research infrastructure project aimed at integrating digital resources from the medieval and WW1 eras, with an emphasis on those that might be less well known
WWW.CENDARI.EU
World War I Case Study
'Green Cadres' in Austria - Hungary
Historiographically and empirically original
Methodologically traditional
This case study focuses on rural violence during the collapse of Austria-Hungary in 1918, perpetrated by armed groups of revolutionary deserters known as 'green cadres' which were active across a vast territory of central and eastern Europe.
It addresses a largely unknown, transnational phenomenon with sources in multiple languages, in repositories across at least seven countries.
It is methodologically traditional, based mostly on undigitized, printed, archival sources. Much of the work is in finding these sources.
System Design & Technical Solutions
Overcoming constraints in existing tools
Focus is on discovery
Bridging analog and digital knowledge and practice
The tasks and challenges of the case studies translate into general functionalities in VRE
Design goals for the VRE:
Answer complex questions, not just search for multiple keywords
Disambiguate mentions to the same entity
Discover implicit knowledge
User-centered design
In CENDARI it is essential that queries made in the Virtual Research Environment follow processes historical researchers are familiar with.
Medieval Culture Case Study
13th Century preacher Ramon Lluil
Historiographical innovation
Methodological challenges
Ramon Llull was a philosopher, mystic and novelist and was amongst the first to switch from Latin to the vernacular to popularize theological, philosophical and scientific matters.
He provided a single methodological basis for all fields of knowledge, from theology to the natural and human sciences.
Different aspects of Llull's work are represented in various, non-interoperable data-silos.
Discovery, data integration and interlinking are key to analyzing the cultural phenomenon that Llull represents, in all its complexity.
Transformative potential of CENDARI lies in integrating historical approaches into the development of its research infrastructure
The WW1 case study reflects an increased tendency towards a more transnational and comparative approach to history.
It exemplifies activities supported by CENDARI and allows the suitability and functionality of the system to be tested using real data and research methods.
Call to Action for WW1 Historians
Find and connect dispersed archival sources to personal research
Ontology Mapping
Target ontologies are pre-defined and linked to canonical instance representing the entity.
Named Entity Recognition
Users will have the opportunity to correct automatic NER results, and thus produce a "reference" data set.
Semantic Reasoning
Used to deduce implied knowledge based on expert defined semantics and the ontology language used to encode the knowledge.
Call to Action for Computer Scientists
Contribute to our services and work with real data and users
CENDARI wants to effect a methodological change in how historians work.
New methods will emerge from answering new research questions.
Call to Action for Medievalists
Discover, map and integrate the entities in manuscripts
CENDARI is funded by the European Commission 7th Framework Programme for Research