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CIVIC EPISTEMOLOGIES

Development of a Roadmap for Citizen Researchers in the age of Digital Culture

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- Project scope and Project objectives
- Consortium overview
- Project Workplan
- Case Studies & Pilot
- A questionnaire to cultural heritage institutions
- The Roadmap online



CIVIC EPISTEMOLOGIES has a twofold scope:

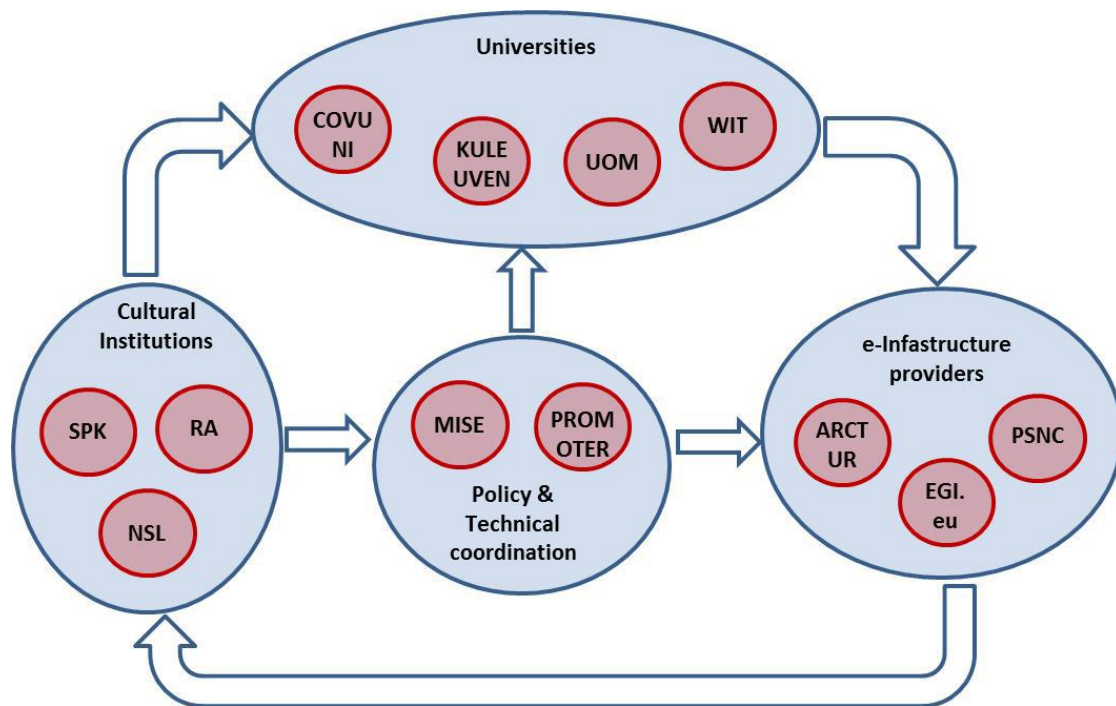
- to develop and validate a **Roadmap** for the use of **e-Infrastructures** to support the participation of European citizens in research on cultural heritage and digital humanities
- to contribute to improve **social cohesion** by understanding Europe's citizens common and individual cultures



Project Objectives

- To analyze the **needs** of researchers, citizens, cultural institutions and creative enterprises aiming to work together
- To propose a set of **priority steps** (for researchers, cultural institutions, students, scholars, e-infrastructure providers, creative industries) contributing to the definition of a shared **Roadmap**
- To validate the Roadmap through **pilots and case studies**
- To deliver a strong **communication and dissemination** plan
- To establish a durable **network of common interest** to connect cultural institution, research bodies, creative industries, e-infrastructures and citizen associations

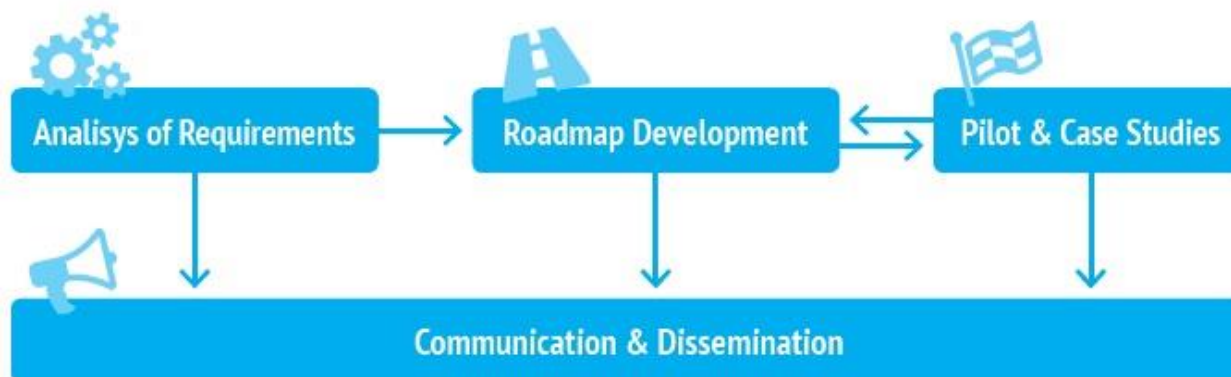
12 partners from 11 European countries



Partner name	Country
Ministero dello Sviluppo Economico (MISE) - Coordinator	Italy
Promoter srl – Technical Coordinator	Italy
Riksarkivet (RA)	Sweden
Stiftung Preussischer Kulturbesitz (SPK)	Germany
National Széchényi Library (NSL)	Hungary
Katholieke Universiteit Leuven (KU LEUVEN)	Belgium
Coventry University (COVUNI)	UK
University of Malta (UoM)	Malta
Poznan Supercomputing and Networking Center (PSNC)	Poland
Waterford Institute of Technology (WIT)	Ireland
Arctur d.o.o. (ARCTUR)	Slovenia
Stichting European Grid Initiative (EGI.eu)	The Netherlands

Project workplan

- WP1: Project Management (WP leader: MISE)
- WP2: Identification of requirements (WP leader: UoM)
- WP3: Roadmap development (WP leader: RA)
- WP4: Pilot and Case Studies (WP leader: COVUNI)
- WP5: Dissemination, communication and sustainability (WP leader: PROMOTER)



Project's phases

A very ambitious and compact action: 16 months





November 2014 – November 2015

- The **Roadmap** is finalised, including a reflection on a possible **strategic research agenda**, and a **registry of services**, shared with a wide range of stakeholders
- **Pilot and Case Studies** are developed and their results are reflected in the Roadmap
- Project Dissemination and Communication is carried out, including the development of **targeted online training material**
- The Network of Common Interest is established through dedicated cooperation agreements

Case Studies and Pilot

The CIVIC EPISTEMOLOGIES Roadmap is validated by two case studies and one pilot whose results are analysed to extract knowledge, lessons learnt and best practice





Case Studies in Coventry

The case studies examine how community groups of citizens engage with cultural heritage and participate in the generation and reuse of cultural heritage using digital technologies:

1. one case study focuses on the participation of volunteers in cultural activities (e.g. theatre, dance, music, art, film making, photography);
2. the other case study works with a visitor app of Coventry City Council, providing new user perspectives and understandings of the role of cultural heritage knowledge in local economic regeneration and growth.

Pilot in Western Ireland

91

Dunkill castle

We were often told by the old people stories about old ancient structures especially Dunkill old castle. Well it is built on the river running from Annes town into the Suir, and it was called Danile and the river was called the River Ulease. Well it was occupied by the Powers, and it was attacked by a wing of Cromwell's soldiers. They were defeated and the gunners had to retreat. When the gunner exhausted called for a drink, and the drink he got was butter-milk which he thought very little of as he expected a drink of beer, so the defenders got huffed and raised the white flag at the same time.

The pilot runs an ethnographic study focused on Western Ireland, to record, capture and document heritage composed of stories heard from elderly relatives and neighbours.

A questionnaire for CH institutions

- An online questionnaire was launched on 4th December 2014 and closed on 22nd December 2014.
- It aimed to investigate the involvement of cultural heritage institutions with projects that involve citizen scientists and crowdsourcing activities.
- It attracted 85 responses from 23 countries
 - 19 from the EU
 - 2 from North America
 - 2 from Asia

A brief anticipation about the results

Even if the full analysis of the replies is under finalization right now, it can be anticipated that:

- the results confirmed the confusion between citizen science and crowdsourcing
- it showed a generally positive attitude towards the use of citizen science in the digital cultural heritage sector as an opportunity to be understood.

[Home](#) - [Outcomes](#) - Roadmap

ROADMAP

[f](#) [t](#) [v](#) [p](#) [s](#)

The main objective of CIVIC EPISTEMOLOGIES is to design a sound Roadmap for the implementation of an e-Infrastructure:

- to enable creation, access, use and re-use of DCHH content,
- to provide learning resources,
- to provide communication services to multidisciplinary research teams located in different geographic places,
- to enable citizens to participate in a range of research goals established at European level together with cultural institutions and universities.

The ultimate aim is to address the scientific processes in DCHH and to bring citizens, through their associations, into the process of planning research.

Form and Content of the Roadmap

- WHY** - overall objectives for making a roadmap
- WHO** - who to address: target groups and/or user groups, stakeholders in general, members of society
- WHERE** - where to go (specific objectives and goals for the roadmap to be a basis for requirements like improving access, enhance quality of holdings/collections, social inclusion or...?)
- WHEN** - when shall these specific objectives and goals be reached (time line for implementing the roadmap)
- WHAT** - what to produce: a roadmap, but what are the basic drivers and the added values of citizen research and crowd sourcing as a method and what are benefits of using distributed e-infrastructure
- HOW** - how shall the roadmap be structured (address each targetgroups and/or user group or be structured on general level)

First version of the Roadmap

This first draft version of the Roadmap is now available for download as a work in progress document for discussion.

It will be presented during the [Workshop on the Roadmap](#) organised in Leuven on 20 February 2015, where all interested parties (e.g. the wider cultural heritage community, researchers, citizens associations, creative enterprises, e-Infrastructure communities, etc.) are invited to provide their feedback.

The objective of this first draft version of the Roadmap is to provide a description of what a Roadmap for the use of e-infrastructure to support citizen research could look like

→ [Download here](#) the first version of the Roadmap ←

Send us your feedback filling in the form below. We will take it into account for the publication of the final version!

Your Name (required)

Your Email (required)

Subject

Your Message

SEARCH

Type to search, then press enter

Learning resources

[Registry of services](#)

[Roadmap](#)

[Pilot & Case Studies](#)

[Pilot on archaeology in rural Ireland](#)

[Hidden CH: inclusion](#)

[access citizenship](#)

[Local CH: inclusion, access, economic development](#)

[Strategic research agenda](#)

CONTACT US

Your Name (required)

Your Email (required)

Subject

Your Message

GLH2

Enter the code

Description of the Roadmap

Link to download the first version of the Roadmap

Link to the Information on the Workshop

Comments and feedback from users

Project public events

- 3 Focus Groups
 - Valletta, Stockholm and Coventry, October – December 2014
- 2 Case study meetings
 - Coventry, December 2014
- 3 Workshops
 - Valletta - **“User needs”**, November 2014
 - Leuven - **“Roadmap”**, 20 February 2015 ←
 - Budapest - **“Innovation in CH institutions”**, 9-10 July 2015
- Final International Conference
 - Berlin, November 2015

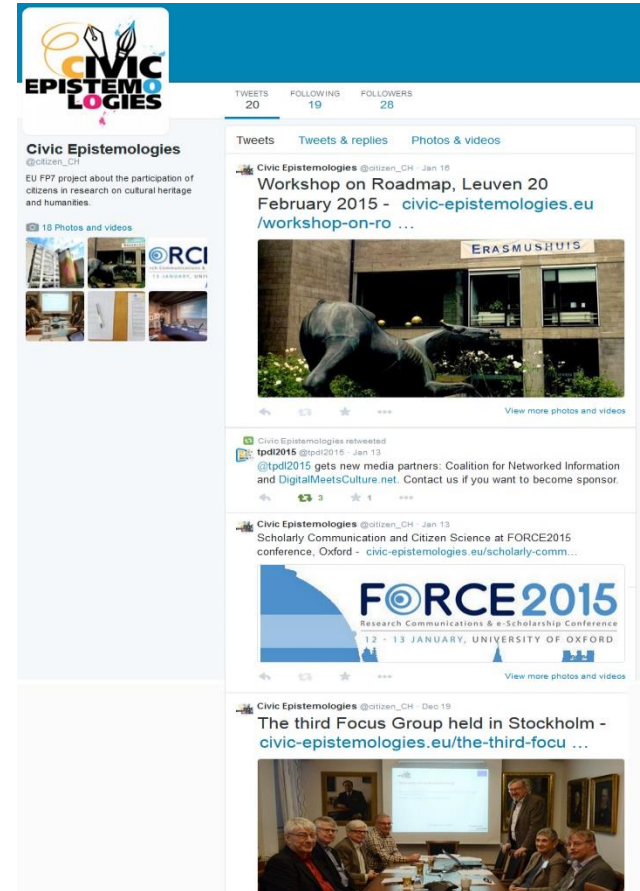


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www.digitalmeetsculture.net





11.00-11.30 Coffee break

Session II: Stakeholders contribution to the Roadmap

- 11.30 - 11.45 Raise and fall of Research Infrastructures for digital cultural heritage and humanities – *Chris De Loof, BELSPO, Belgium*
- 11.45 - 12.00 STARTS - Science, Technology and the Arts: potential contributions from the arts to innovation in digital heritage - *Luis Miguel Girao, Artshare, Portugal*
- 12.00 - 12.15 From Warburg to Wiki: Multidimensionality and Democratisation of culture in the age of the Semantic Web - *Stefano Caneva, Wikimedia Belgium*
- 12.15 - 12.30 Heritage management and citizen – *Anna Busom Arruebo, Generalitat de Catalunya; Maria Dolors Portus Vinyeta, Diputació de Barcelona, Spain*
- 12.30 - 12.45 Citizens associations – *Erland Ringborg, The Federation of Swedish Genealogical Societies, Sweden*
- 12.45 - 13.00 Europeana Creative: engaging SMEs and the wider public – *Cláudia Silva, EBN, Belgium*

Session III: Panel discussion and roundtable

14:45-15:00 coffee break

15:00-15:40 split in 2 groups

Room1: Museum Zaal

Chair: Borje Justrell

Room2: Jos Creten Zaal

Chair: Fred Truyen

15:40 – 16:00 reporting of group 1 and 2

16:00 conclusions

Questions on the Roadmap

Which kind of infrastructures are needed to support citizen science and collaborative approaches to culture and arts research?

Which are the requirements that cannot be served by the existing Internet services?

Which are the new scenarios that can be developed for digital heritage and citizen engagement thanks to the availability of novel infrastructure services?

Some consideration for a possible contribution to the discussion:

- Which kind of investment is necessary
 - preservation, big data, social services, distributed services
 - cultural institutions are facing the need to have a new role in the society (libraries, archives, museums, theatres, exhibition halls, etc.). To do so, they need high-speed connectivity that is still missing, mostly for economic problems. In particular, this is a problem for small institutions, but also for large archives (e.g. for the connection of digitization laboratories for digital preservation)
 - public storage

- Infrastructure is more than just storage and connectivity
 - users feeling is important in citizen science - speed is not always a matter; the right configuration, which takes into account the specificity of the user's equipment is important.
 - Infrastructures can provide automatic services to support the quality control on the data and metadata gathered through crowdsourcing (check formats, check subject, etc.)
 - AAI is a major issue, also in connection with the role of social networks – public authentication, public IDs

- Communication between persons VS access and interaction between persons and objects
 - These are two different layers with different requirements, which generate a complexity of the services architecture that needs infrastructures to be managed

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