



This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 632694



# CIVIC EPISTEMOLOGIES

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

*Introduction on the strategic objectives of the project*

*Mauro Fazio*

*CIVIC EPISTEMOLOGIES Project Coordinator  
Ministry of Economic Development*



*Ministero  
dello Sviluppo Economico*



*The 19<sup>th</sup> International Conference on Electronic Publishing  
Malta, 1 September 2015*

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- Project's ID card
- Rationale of the project
- Objectives overview
- Consortium overview
- Project workplan
- Where we are
- Outcomes
- Next appointments & Events
- The Roadmap for Citizen Science





- CIVIC EPISTEMOLOGIES is a project co-funded by the European Commission under FP7-INFRASTRUCTURE-2013-2
- **Start date:** 1 August 2014
- **Duration:** 16 months (end date: 30 November 2015)
- **Total requested contribution:** 433,000 EUR
- 53.25 Person-Months
- 12 partners from 11 European countries
- **Website:** [www.civic-epistemologies.eu](http://www.civic-epistemologies.eu)
- **Facebook:** <https://www.facebook.com/civic.epistemologies>
- **Twitter:** @citizen\_CH





### A potential not yet exploited:

- A vast quantity of digital cultural heritage is now ready to be used, but the actual exploitation of these content is lacking dynamism
  - In particular, citizens risk to remain disconnected from the digital culture, because of several technical and legal problems:
    - Connectivity
    - IPR
  - Cultural institutions are focusing more on digitisation than on creativity and artistic expressions, including co-creation processes
- Citizen science in digital culture, including crowdsourcing as a specific area of work can unlock this potential



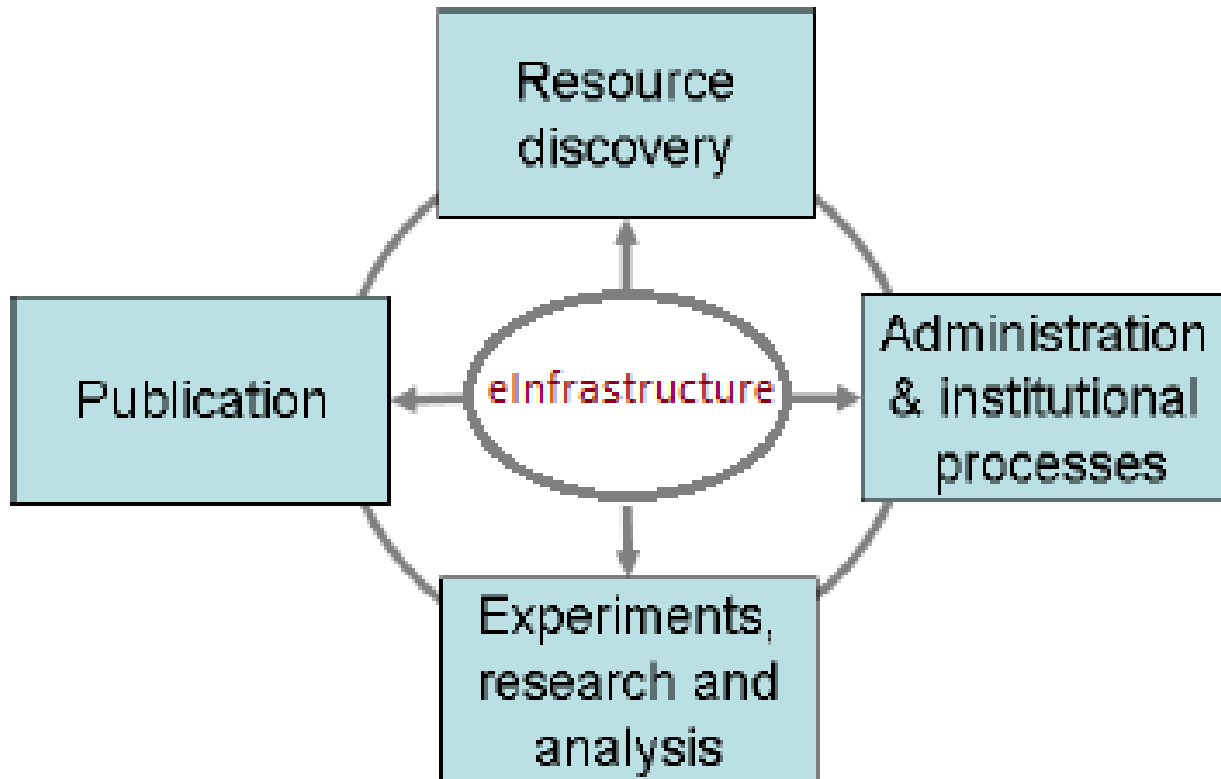
## *CIVIC EPISTEMOLOGIES*

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

- CIVIC EPISTEMOLOGIES aims to develop a **Roadmap** which defines the major steps to bring citizens, and their associations, into the research processes of the digital cultural heritage
- The **Pilot and Case Studies** of CIVIC EPISTEMOLOGIES explore new creative approaches for the citizens' engagement with cultural heritage
- **Cooperation and synergies** are established with other initiatives and experiments of co-creation and creative collaboration



## Objectives overview



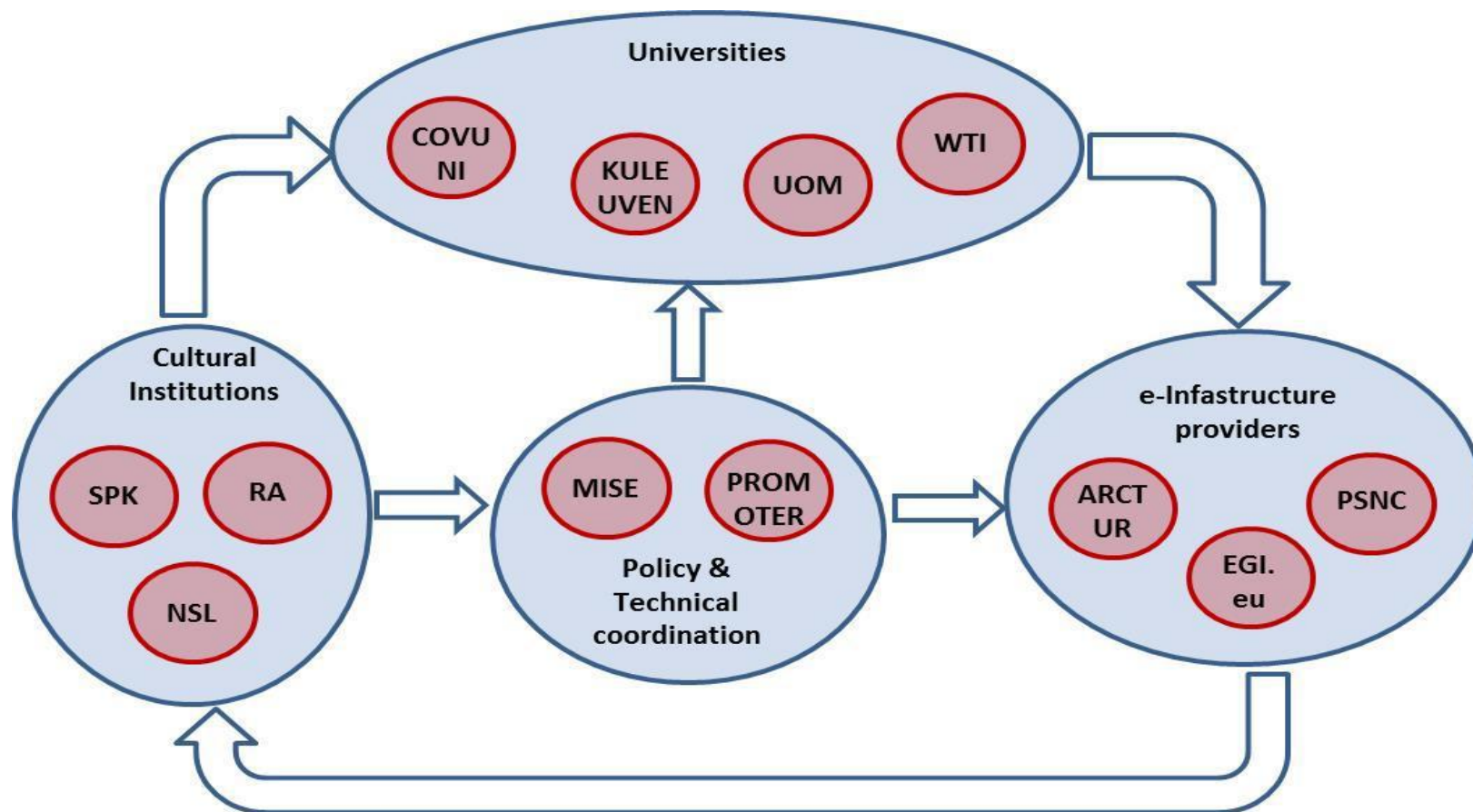
# The Consortium: 12 partners from 11 European countries

Partner	Area of activity	Private/Public	Country
MISE	Ministry of Economic development	Public	Italy
PROMOTER	SME - ICT, web applications, communication	Private	Italy
RA	National Archives	Public	Sweden
SPK	National Foundation - Museums Research	Public	Germany
NSL	National Library	Public	Hungary
KU Leuven	University - Digital Humanities	Public	Belgium
COVUNI	University- Digital Humanities	Public	UK
UOM	University- Digital Humanities	Public	Malta
PSNC	e-Infrastructure provider	Public	Poland
WIT	Research Centre	Public	Ireland
ARCTUR	e-Infrastructure provider	Private	Slovenia
EGL.eu	Foundation of e-Infrastructure providers	Private	The Netherlands / European organisation

 Partners  
 Associate Partners

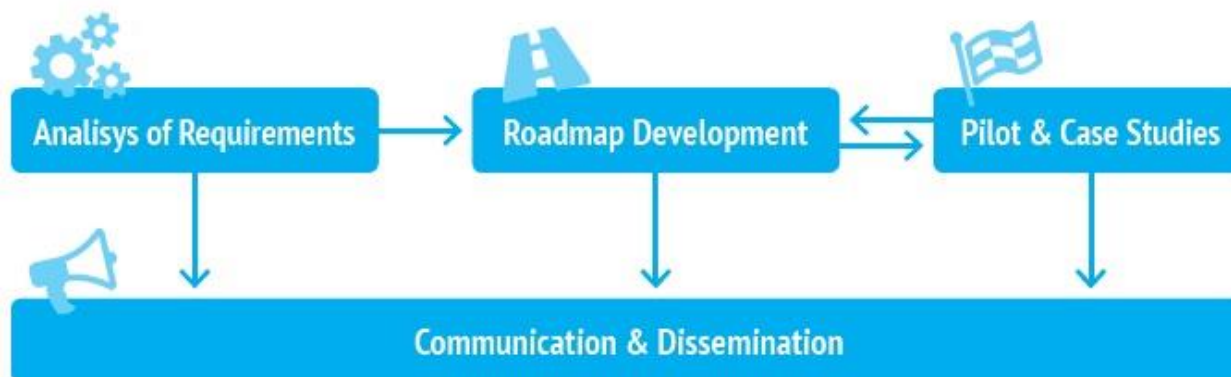


# Consortium sectors





- 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)





- Kick-off meeting held in Rome on 1-2 September 2014
- 3 focus groups in Stockholm, Malta, Barcelona
- 3 Thematic Workshops in Malta, Leuven and Budapest
- Pilot Study on Archaeology in Ireland completed
- 2 Case Studies on 'Hidden' and 'Local' CH in UK completed
- 7 deliverables successfully submitted
- 5,044 accesses to the website until now, constantly growing
- A living network (20 Associate partners, 10 MoU and CA, more under definition)
- 16 presentations to third-parties events, all over Europe





- **Roadmap for Citizen Science** downloadable at <http://www.civic-epistemologies.eu/outcomes/roadmap/> (more information on the next slides)
- **Registry of Resources** (tools, workflows, approaches, solutions, demonstrators, and applications useful for supporting the involvement of citizens in the scientific development process) constantly growing available online at <http://www.civic-epistemologies.eu/outcomes/registry-of-resources/>

***your contributions for Roadmap and Registry would very well appreciated***

## ROADMAP FOR CITIZEN SCIENCE

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.

⇒ Download [here](#) the second version of the Roadmap ⇐

⇒ 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


Send



### Citizen Science Registry of Resources

TOOLS, WORKFLOWS, APPROACHES, SOLUTIONS, DEMONSTRATORS, AND APPLICATIONS USEFUL FOR SUPPORTING THE INVOLVEMENT OF CITIZENS IN THE SCIENTIFIC DEVELOPMENT PROCESS.

LIST LOGIN



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FILTER SELECTED 23 ITEMS OUT OF TOTAL 23.

Add attribute:

Category	+	Altes Leipzig	
		Web	<a href="http://www.altes-leipzig.de/">http://www.altes-leipzig.de/</a>
		Field	humanities

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Citizen Science Center

Web	<a href="http://www.citizensciencecenter.com/">http://www.citizensciencecenter.com/</a>
Category	source of information, community portal



## Next appointments & events

- **“UNLOCK THE POTENTIAL OF DIGITAL HERITAGE”  
Final International Conference, Berlin, 12-13  
November 2015**
- *Third party events where CIVIC EPISTEMOLOGIES will participate:*
  - **ELPUB 2015, Malta 1-3 September 2015**
  - **Digital Heritage, Granada 28 September - 2 October 2015**
  - **DCDC - Discovering Collections Discovering Communities Conference, Manchester 12-14 October 2015**
  - **EGI Community Forum 2015, Bari 10-13 November 2015**



# CIVIC EPISTEMOLOGIES

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

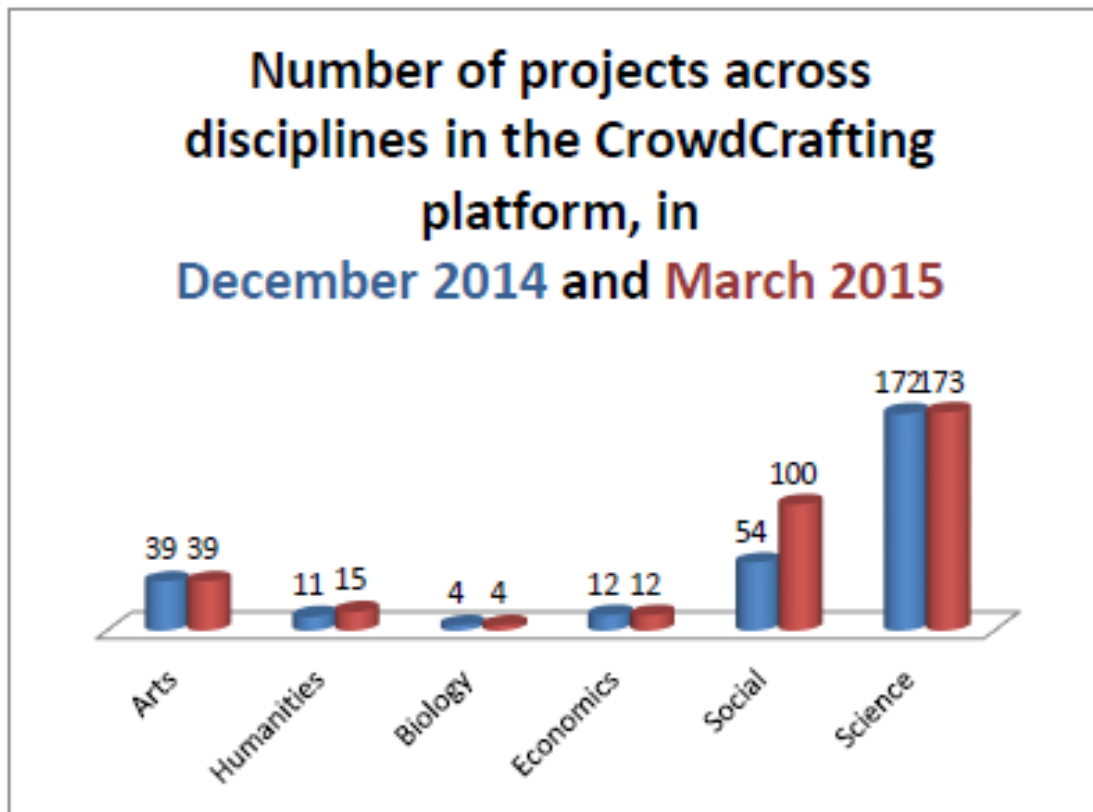
*The Roadmap for Citizen Science*

*Borje Justrell, National Archives of Sweden (Riksarkivet)  
CIVIC EPISTEMOLOGIES WP3 Leader*



- The main objective of the Civic Epistemologies project is to produce a validated Roadmap for the use of e-Infrastructure to support the participation of citizens in the digital cultural heritage and humanities research and of creative industries in the exploitation of digital cultural content.
- The Civic Epistemologies' Roadmap rests upon the concept of “citizen science”, which refers to initiatives (led by academics) where citizens are engaged in scientific research on a voluntary basis, contributing to data gathering (generally referred as “crowd sourcing”) as well as participating in the creation of new knowledge.

# Why are Humanities not using citizen science more actively?



## The Roadmap

- A first internal draft version of the Roadmap was compiled in January 2015. It provides an initial description of what a Roadmap for the use of e-Infrastructure to support citizen research could look like. It was presented early in the project (month 6) and was also broadly disseminated with the aim to get as much feedback as possible from outside the project.
- A **dedicated web space** was developed and published online to make it possible for everyone to download the latest version of the Roadmap and provide feedback and comments

<http://www.civic-epistemologies.eu/outcomes/Roadmap>

- The project's website has also a collection of examples of best practices and successful initiatives in the domain of citizen science and digital cultural heritage.



## The Roadmap

- A second draft version, published in June 2015, aims to take a step further in constructing the Roadmap.
- This version has an improved structure and focus more specifically on the interaction between digital cultural heritages, e-Infrastructure and citizen science; the ambition is to find the shape or manner in which these elements can come together and connect.
- In this perspective, creativity and arts can have a role as facilitator for establishing a dialogue that brings together a range of different actors and citizens from across the society.
- The roadmap's definitive version will be presented at the project's **Final Conference in Berlin**, in November 2015.



The final version of the Roadmap will take into account :

- Firstly, results from discussions with a number of stakeholder groups:
  - ✓ policy makers;
  - ✓ cultural heritage institutions;
  - ✓ academic institutions;
  - ✓ researchers;
  - ✓ citizens and citizen associations;
  - ✓ creative enterprises;
  - ✓ e-Infrastructures.



- Secondly, outputs from the project's activities:
  - ✓ A **pilot study in Ireland** explored the interaction of teenage volunteers with place names and place-based heritage through interviews with senior citizens, conducted by the youngsters as part of their school curricula. The pilot resulted in the design of an Intergenerational Digital Toolkit, a website including audio segments of the interviews and guidelines on how to set up an oral history inquiry.
  - ✓ **Two case studies in Coventry (UK)** (1) examined how art workers and homeless people from a social enterprise in Oxford engaged with cultural heritage via digital technologies and (2) explored how the visitor app realised for the Coventry City Council fits the needs and expectations of its potential stakeholders.

## The Roadmap

- Thirdly, a study about **business models for the sustainability of e-Infrastructures**, looking at alternative revenue streams that may cover, alone or in a mix model, the costs of a citizen science focused e-Infrastructure.
- Fourthly, a **Strategic Research Agenda** to pinpoint the research activities aimed at the development of citizen science practices in the domain of the digital cultural heritage and humanities, powered by dedicated e-Infrastructure services.
- Fifthly, a **Registry of Resources** identifying tools, workflows, approaches, solutions, demonstrators, and applications useful for *citizen science*

# The Roadmap online

<http://www.civic-epistemologies.eu/outcomes/roadmap/>

Description  
of the  
Roadmap

Link to  
download  
the Roadmap

Comments  
and feedback  
from users

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Send

***your  
contribution  
would be  
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***...and will be  
part of the Final  
Version of the  
Roadmap!***

Thank you!!!

[www.civic-epistemologies.eu](http://www.civic-epistemologies.eu)

<http://www.digitalmeetsculture.net/heritage-showcases/civic-epistemologies/>

[info@civic-epistemologies.eu](mailto:info@civic-epistemologies.eu)

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