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### **CIVIC EPISTEMOLOGIES**

# Internal report on elements in a Strategic Research Agenda

Fred Truyen, KU Leuven Roxanne Wyns, LIBIS - KU Leuven

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### **Objective of the SRA**

The objective of the Strategic Research Agenda (SRA) is to outline a roadmap for the implementation of a research programme aiming at the development of European eInfrastructure to facilitate active collaboration between researchers and citizens in science.

The Strategic Research Agenda identifies major focus areas, a number of enabling activities and a structured, forward-thinking assessment of possible future research landscape. This SRA will create a foundation for innovative research as well as inspiration for new researchers and skills in crowdsourcing and citizen science technologies and workflows.

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## **Approach**

The approach followed to structure the SRA has been based on similar initiatives such as:

- The SRA on tangible and intangible cultural heritage by the JPI Cultural Heritage and Global Change (JPI-CH) [1]
- Sources such as the Green Paper on Citizen Science for Europe by the SOCIENTIZE Project [2]
- Knowledge and expertise coming from internal and external experts
- [1] <a href="http://www.jpi-culturalheritage.eu/2014/02/strategic-research-agenda-sra/">http://www.jpi-culturalheritage.eu/2014/02/strategic-research-agenda-sra/</a>
- [2] <a href="http://ec.europa.eu/digital-agenda/en/news/green-paper-citizen-science-europe-towards-society-empowered-citizens-and-enhanced-research-0">http://ec.europa.eu/digital-agenda/en/news/green-paper-citizen-science-europe-towards-society-empowered-citizens-and-enhanced-research-0</a>

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### **Content of the SRA**

#### 1/ Introduction

- Background and purpose of the SRA
- Priority topics

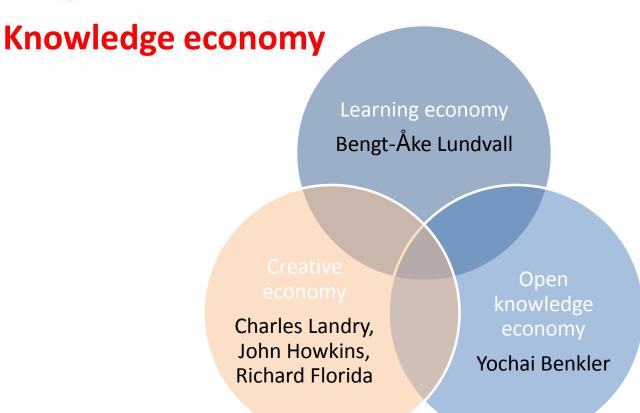
#### 2/ Challenges and opportunities

- The research community and citizen involvement in research:
  - Challenges (quality, efficiency, affordability, technology, skills, security, rights, privacy...)
  - Opportunities for research and citizen engagement









Peters, M. A. (2010). Three Forms of the Knowledge Economy: Learning, Creativity and Openness. British Journal of Educational Studies, 58(1), 67-88.

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#### 3/ Current trends

- Major trends in citizen involvement
- Vision & opportunities behind current initiatives
- Implementation strategy and sustainability models
- Infrastructure technical evolution
- Architecture models
- Metadata models







#### 4/ Priority topics

- Research area
  - Defining who is doing research → Knowledge labour division (universities, memory institutes, enthousiastic citizens, amateurs scientists ...)
  - Digital Humanities research goals
  - Digital libraries involvement in citizen science initiatives and collaboration with researchers
- Identification of gaps (blocking issues) and needs identification in order to specify and be able to remove current barriers
- Priorities:
  - Connecting people, show benefits/opportunities for researchers, citizens ...
  - Creating a network of researchers and citizens participation
  - Creating knowledge (training)
  - Technical infrastructure, tools, workflows ...

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#### 5/ Enabling activities

- Stakeholder involvement
  - Motivation for citizens (form of recognition of their voluntary work)
  - Engagement with creative industries
- Actions towards implementation / supporting activities
- Research infrastructures

#### 6/ Looking forward

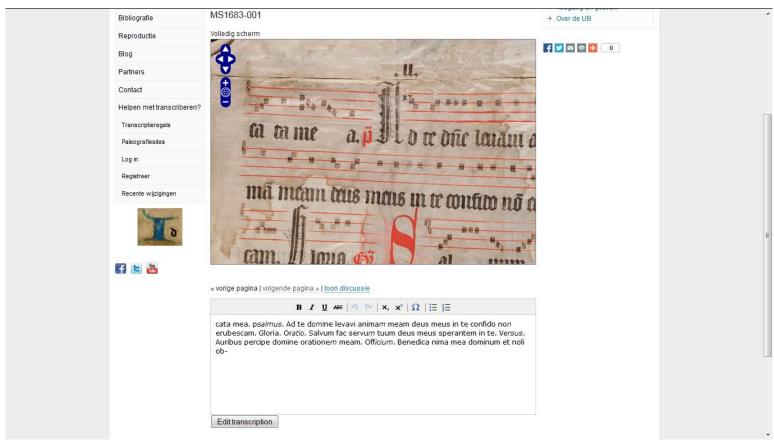
- Future research requirements
- Highlight opportunities to partnerships (researchers, citizens, private companies), breaking barriers
- Lifelong learning (LEM project, lem-project.eu), encouraging the exchange of knowledge
- Need to develop and apply 'state of the art' methodologies, technologies, tools etc.







# **Projects: User involvement in Omeka**



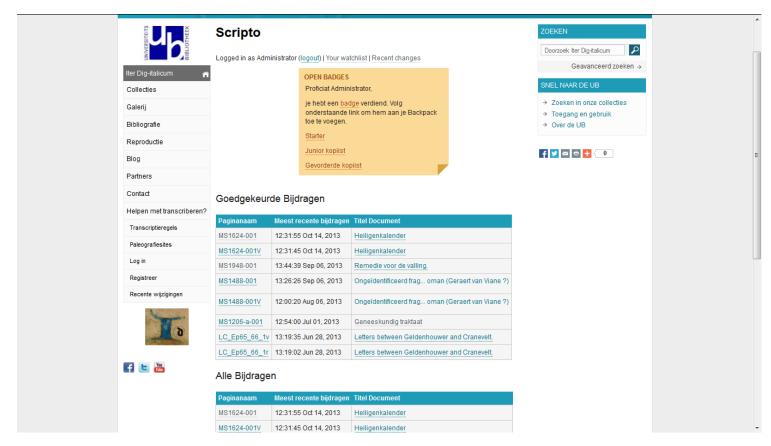
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# **Projects: User involvement in Omeka**



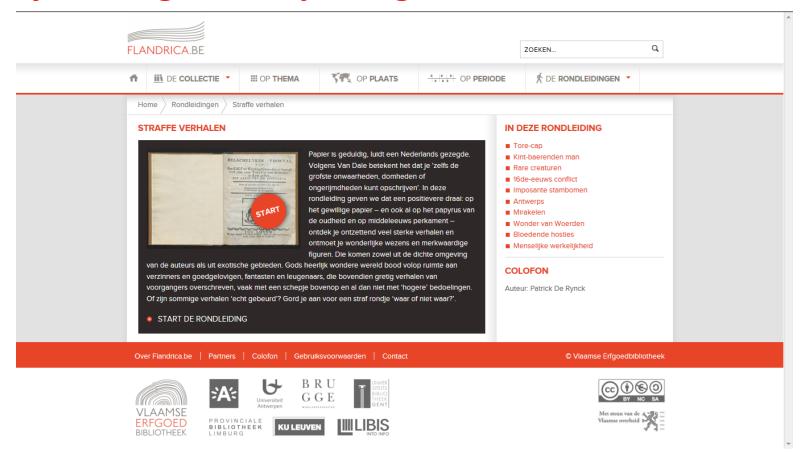
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# **Projects: Digital Storytelling in Omeka**



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# **Projects: Accessibility of content through specialized viewers**

**IIIF Mirador viewer** 

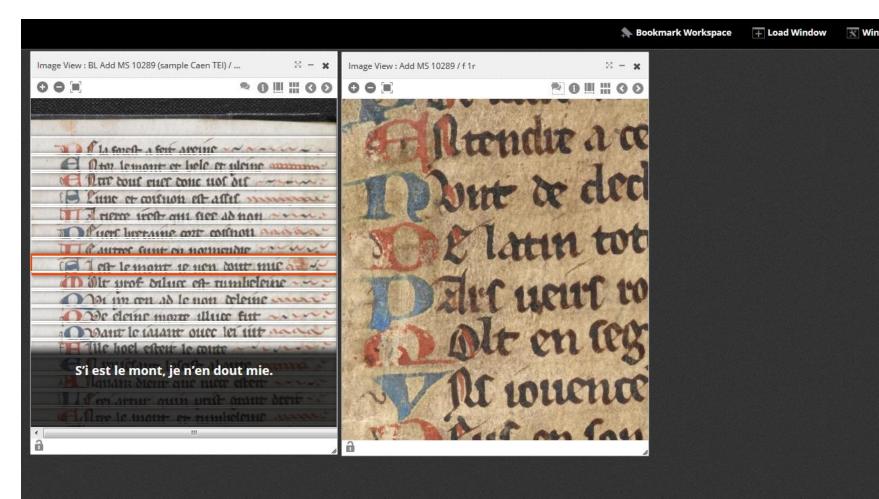






### **Projects: Accessibility of content through specialized viewers**

**IIIF Mirador viewer transcriptions** 







### **Questions?**

### **THANK YOU!**

Fred Truyen, <a href="mailto:Fred.Truyen@kuleuven.be">Fred.Truyen@kuleuven.be</a>





Roxanne Wyns, consultant Heritage Online (HERON)
<a href="mailto:Roxanne.Wyns@libis.kuleuven.be">Roxanne.Wyns@libis.kuleuven.be</a>







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Contact us on:

info@civic-epistemologies.eu

