



THE LANDSCAPE OF RIS  
ON SOCIAL & CULTURAL  
INNOVATION AND HOW  
THE ESFRI PROJECTS  
IMPACT ON IT

Strategy Report on Research Infrastructures  
**ROADMAP 2018**

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**Info Day – 17<sup>th</sup> January 2017**

Málaga  
Spain



# OVERVIEW

- RIs for Societal and Cultural Innovation
- What difference ESFRI RIs do make ?
- ESFRI difference for Arts and Humanities
- ESFRI difference for Social Sciences

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# RIs for Societal and Cultural Innovation

- **Caveat : Societal and Cultural Innovation**, instead of Social Sciences and Humanities
  - Emphasis on SSH description and contribution to socio-cultural change and innovation
- **Specific Features of RIs for SCI :**
  - **Distributed** (not single-sited) facilities
  - Hybrid, often **unstructured** data ( $\neq$  values at several points of a physical parameters, as collected by a set distributed sensors) : SCI data descriptors have to be constructed
  - **Evolving** data :
    - Longitudinal surveys : same questions raised at successive times, to grasp the spontaneous evolution of social reality
      - Particular case : use of SCI RIs to evaluate and improve public policy (deliberate, provoked social change)
    - Consequences on sustainability issues (SCI RIs require continuous effort in human resources)

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# What difference ESFRI RIs do make ?

- **Not only not-ESFRI SCI RIs at larger scale** (more money, machines, people for the same goal)
- **Pan-European scope :**
  - **European added value :**
    - Exhaustivity matters (e.g. Litvanian textual heritage is non substituable, in contrast with physical data collected by Litvanian-speaking scientists)
    - Convergence of descriptors (requested for convergence in described reality, and a first step on this track)
  - **Interoperability and joint open access accross countries**
  - **Contribution to the construction of a European SCI community**

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# ESFRI RIs difference for Arts and Humanities

## – Reminder :

- DARIAH, eponymous scope
- CLARIN for linguistic corpora and language technology
- E-RIHS (ESFRI newcomer) for Cultural Heritage

## – Joint construction of common structures and descriptions for linguistic and cultural data

## – Examples :

- In the past years, Text Encoding Initiative : construction of a joint, shared, canonical ontology for textual contents
- Currently (E-RIHS) : construction of an ontology for cultural heritage (harmonization of meta-data, indispensable for digital processing and access)

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THANK YOU FOR YOUR  
ATTENTION!  
QUESTIONS?

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