

# Research Infrastructures for Social and Cultural Innovation

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Launch Workshop

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- Scope
  - Social, behavioral and economic sciences
  - Humanities
  - Cultural Heritage studies

## ■ Scope

- Social, behavioral and economic sciences
- Humanities
- Cultural Heritage studies

## ■ Objectives

- Scientific research challenges in Human and Social Sciences
- Socio-economic impact
- Social innovation, e.g.
  - Improvement of social attitudes towards energy
  - Understanding of emerging behaviors w.r.t. aging

- Distributed, not single-sited, infrastructures
- Data infrastructures
  - Administrative data (CESSDA)
  - Representational and ideological data (ESS)
  - Linguistic corpora (CLARIN)
  - Data arising from digitization of Cultural Heritage (historical archives, 3D-images of archeological monuments, textual and iconographic corpora, a.s.o) (DARIAH, ... )
  - Aging and retirement data (SHARE)
- Importance of dynamic data (longitudinal surveys) for evidence-based policy making

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- Multilingualism
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- Sustainability
  - Funding
  - Human resources (importance of training)



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SCI RIs

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State of im-  
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(Structural)  
Gap Analysis

Annex :  
SCI-SWG  
Membership

See the Implementation WG presentation

'Gap' (local void) not forcefully the best word  
Emerging dynamics might arise from

- Need of *extending* existing SCI RIs
- Need of *connecting* existing SCI RIs
- Need of *cross-connecting* SCI RIs with RIs in other domains

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*To finish, some examples of the three kinds of dynamics (but other projects and perspectives are, of course, legitimate as well ... )*

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- Exploring **all** human linguistic traces, including current ones (internet, media, ... )
- Exploring the way human beings navigate in Big Data

- Articulating SCI RIs (linguistic, administrative, ideologic, ... data)
- Objective : **RI for a general behavioral science**, articulating verbal and non-verbal behavior (scientific interest, to grasp big behavioral regularities)
- Issue to deal with : Privacy



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- **Physics/SSH** : Extending the SSH/Physics interaction beyond the domain of the cultural artifacts : “Natural Heritage” (fossils, etc) could be profitably included in the study of Heritage

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- **Physics/SSH** : Extending the SSH/Physics interaction beyond the domain of the cultural artifacts : “Natural Heritage” (fossils, etc) could be profitably included in the study of Heritage
- **Life Sciences/SSH** : Articulating data about health and data about social determinants of health, to put scientists in a position of dealing with *hybrid* causation (e.g. Obesity Challenge)

|                          |                     |
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