

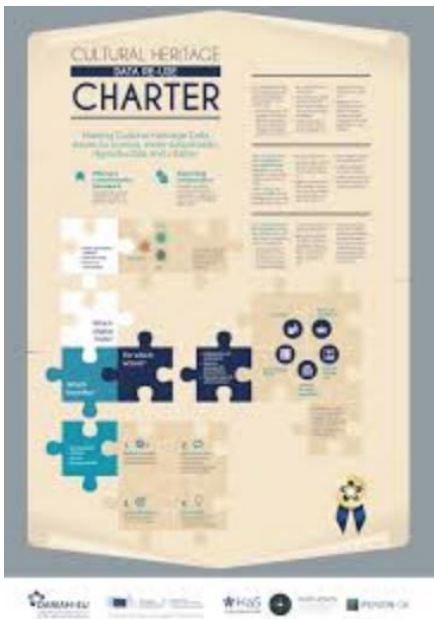
# Needs and Opportunities for the EOSC Service Roadmap - an Arts and Humanities Perspective

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## Scientific Use Case

- Example: Did people lie about loans in 17th C Ireland after the records of them were lost? (400 yrs. of fake news?)
  - Digital records (of different types) and analogue ones (in different places) required
  - Challenges of language (handwriting, normalisation) and culture (place of an oath)
  - Layers of earlier interpretation (errors) to be parsed, from translation to registration to interpretation
- Research methods based on corroboration rather than proof, reduction rather than resolution of uncertainty



# Current Challenges

- Shared ownership of cultural data with archives, libraries, publishers and people
- Research landscape is inherently hybrid
  - Small number of corpora truly able to support fully data driven approaches
  - Social risk inherent in not addressing this
- Research material can be very complex, embodying earlier (flawed) interpretations and always requiring rich context to be usable
- Lack of recognition among researchers of the breadth of what can be included and should be shared as 'data'



# EOSC Requirements

- Need to ensure the publishers and memory institutions are a central part of the EOSC
- Rich context and full provenance information must be maintained
- Focus on 'comparative legibility,' not just interoperability
- Place for community validation, importance of the peer-to-peer level for verification
- References out to the standards used and skills needed to reuse
- Ability to reflect what is digital, what is digitally registered (ie in finding aids), and what is analogue (how to expose what is hidden?)