Chances and challenges of a European Academies Internet Gateways

Francesca Morselli – Information specialist, DARIAH CIO
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DANS: Data Archiving and Networked Services

Mission: promote and provide permanent access to digital research information

Institute of Dutch Academy and Research Funding Organisation (KNAW & NWO) since 2005

First predecessor dates back to 1964 (Steinmetz Foundation), Historical Data Archive 1989
DANS data services

EASY: long-term Electronic Archiving System for self-deposit

DataverseNL for short/intermediate term storage

NARCIS: Gateway to scholarly information in the Netherlands
Additional services

Cradle of the Data Seal of Approval

Persistent Identifier
URN:NBN resolver

Common metadata harvester

Training & Consultancy

Background Archive
Our experience at DANS-KNAW

→ In the NL

• CLARIAH: CLARIN + DARIAH → answer to fragmentation
• CEDAR
• E-Humanities
• Collaboration with Repositories of CHIs and universities
Our experience at DANS-KNAW

→ At EUROPEAN level

• DARIAH (ESFRI ROADMAP)
• CESSDA (ESFRI ROADMAP)
• CLARIN (ESFRI ROADMAP)
• EHRI
• ARIADNE
• PARTHENOS
• EUROPEANA/ THE EUROPEAN LIBRARY
• Humanities At Scale
• OpenAire
• EUDAT
• (Archives Portal Europe)
• (CENDARI)
A future AGATE?

Scope: How to design and implement the Gateway as a sustainable infrastructure (organization, funding)?

Investigate feasibility of the AGATE Project by looking at the landscape of existing research infrastructures in the arts and humanities as well as at the risks and possibilities.
FOCUS of AGATE: MAIN OUTPUTS

1. **Virtual Library** of European Academies’ Research
   → **OPENAire**

2. **Information and Service hub** for digital research and sustainable access of research data
   → **NARCIS**

3. Research Project **Database**
   -> **DODH – Project registry**
FOCUS OF AGATE?

• Support scholarly practices or
• Network of Academies (how can the academies profile themselves?)

→ WHO IS YOUR USER?
RISKS

FRAGMENTATION: scattered landscape of research infrastructures for the SSH

SUSTAINABILITY: at different level of the infrastructure (tools components, users, content, intangible assets)
COLLABORATION AND INTEGRATION

Collaboration with existing RIs or integrate service and resources.
→ E.g. at a **technical level**: build an infrastructure that can be tailored for other infrastructures
→ Find a way to be **specific and interoperable** (e.g. linked open data and graph databases OR use general standards or tag entities with CERIF)
Consider a SUSTAINABILITY PLAN FROM THE VERY BEGINNING OF THE PROJECT

→ Our experience in CENDARI: sustainability as a all-round exercise - (consider what tangible and intangible assets of the RI you want to sustain) i.e. tool components, data, annotation VS management assets, lesson learnt, community of users

→ E.g. at the level of repository: CENDARI investigates with DARIAH and PARTHENOS on how its registry can be sustained.
Discussion

- What are the current RIs teaching us?
- Focus and end-users
- Where do you think there’s room for development? We need to be smart!
- What are the risks? What opportunities?
Thanks for your attention!

Francesca.morselli@dans.knaw.nl
www.dans.knaw.nl