



Consiglio Nazionale delle Ricerche  
Istituto di Scienza e Tecnologie dell'Informazione "A. Faedo"



# The OpenAIRE Project

*Open Access Infrastructure for Research in Europe*

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CNR - ISTI



GL11 - Library of Congress, Washington, December 14-15 2009



e-infrastructure

# Motivations

- Open Access
  - Free Internet access to research publications as well as the possibility to use them, subject to proper attribution of authorship
  - Far from reality...
- European Commission Open Access Mandate pilot
  - Articles resulting from EU funded research should be Open Access



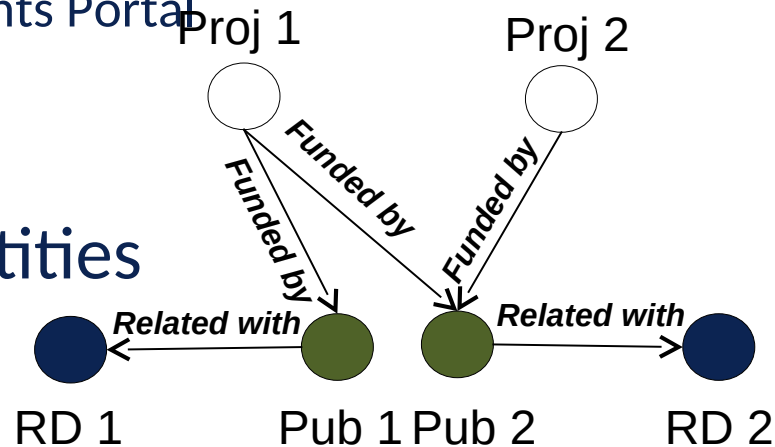
# OpenAIRE

- Networking Infrastructure
  - Disseminating the Open Access Mandate pilot policies and the adoption of OpenAIRE as reference system for publication deposition
- Technical Infrastructure
  - Establishing a European infrastructure for collecting the articles (and research data) resulting from FP7 and European Research Council (ERC) projects in seven selected disciplines
    - Energy, environment, health, cognitive systems / interaction / robotics, e-infrastructures, science in society, and socio-economic sciences / humanities



# Content

- Metadata record entities
  - Open Access publications
    - Author ingested in the “Orphan Repository”
      - Invenio Repository System (CERN)
    - Harvested from institutional repositories
      - D-Net technology
  - EC projects
    - Harvested from EC Participants Portal
  - Research Data
    - Studies and prototype
- Relationships between entities
  - Compound objects



# Research Data experimentation

- Explore the requirements, practices, incentives, workflows, data models, and technologies to deposit, access, and otherwise manipulate research datasets
- Produce feasibility studies to show researchers the benefit for depositing
- Work with four (4) scientific communities
  - Health (Life sciences)
  - Environment
  - Information & Communication Science
  - Socio-economic Science and Humanities

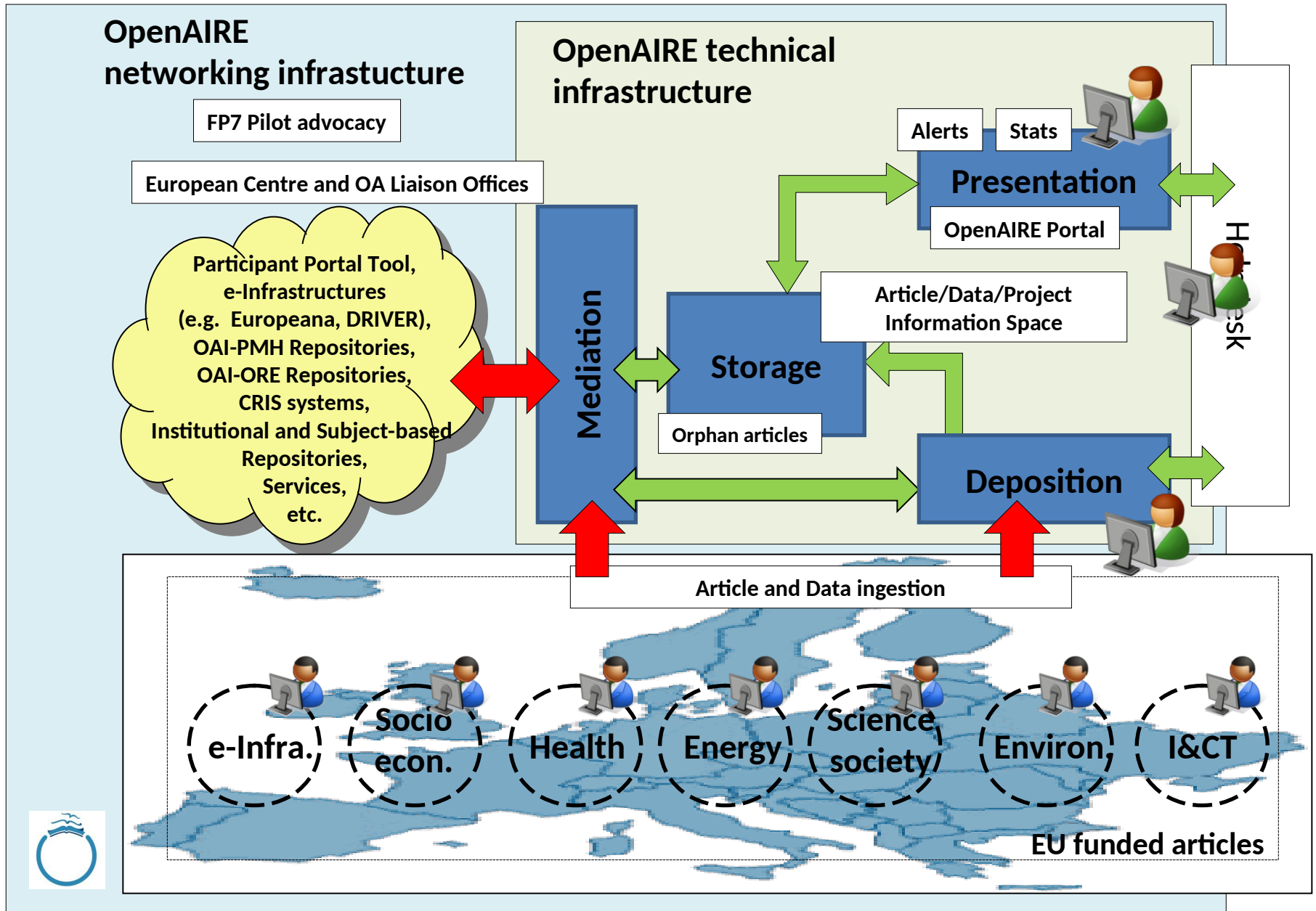


# Functionality

- Maintenance of an Information Space of publications, projects and research data
  - By direct ingestion and harvesting
  - Data curation
  - Extraction of statistics
    - E.g., articles per country/year, projects per country/year, stats on system usage
  - Interoperation with other infrastructures
- Web Portal
  - Searching and browsing the Information Space
  - Public access to statistics
  - User registration: alerts and recommendations on Information Space news



# OpenAIRE infrastructure



# Why Open Access at GL11?

- Similar goals
  - GL: free access to publications over the internet by providing pre-prints of publications with copyright
  - OA: free access to publications over the internet by adopting business models softening or eliminating publication copyright





# General info

- Start date: 1st of December 2009
- Duration: 36 months
- Funding: 4,17 Million
- Coordinator
  - University of Athens, Greece
- Scientific coordinator
  - University of Goettingen Library , Germany
- Technical coordinator
  - ISTI, National Research Council, Italy
- + 26 partners covering all European member states

