



European Commission

DRIVER: Digital Repository Infrastructure Vision for European Research

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Outline

- DRIVER
 - Motivations
 - Objectives
 - Achievements
- The role of Italy in DRIVER

DRIVER

FP6: Phase 1

- **Period:** Jun '06 – Nov '08
- **EU Financing:** 1.8M

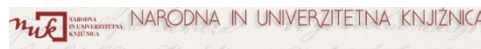
FP7: Phase 2

- **Period:** Dec '07-Nov'09
- **EU Financing:** 2.7M

(Géant and) Research Infrastructures

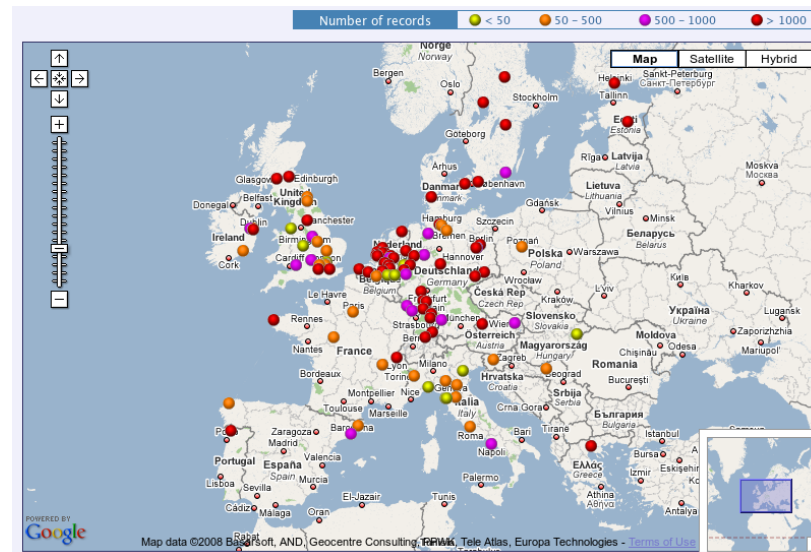
● PARTNERS

- Univ.of Athens(GR)
- Univ. of Gottingen (DE)
- CNR-ISTI (IT)
- STICHTING SURF (NL)
- Univ. of Nottingham (UK)
- [CNRS-CCSD (FR)]
- Univ. of Bath (UK)
- Univ. of Warszawski (PO)
- Univ. of Gent (BE)
- Univ. of Bielefeld(GE)
- Danish Technical University (DN)
- National and University Library (SL)
- University of Minho (PT)



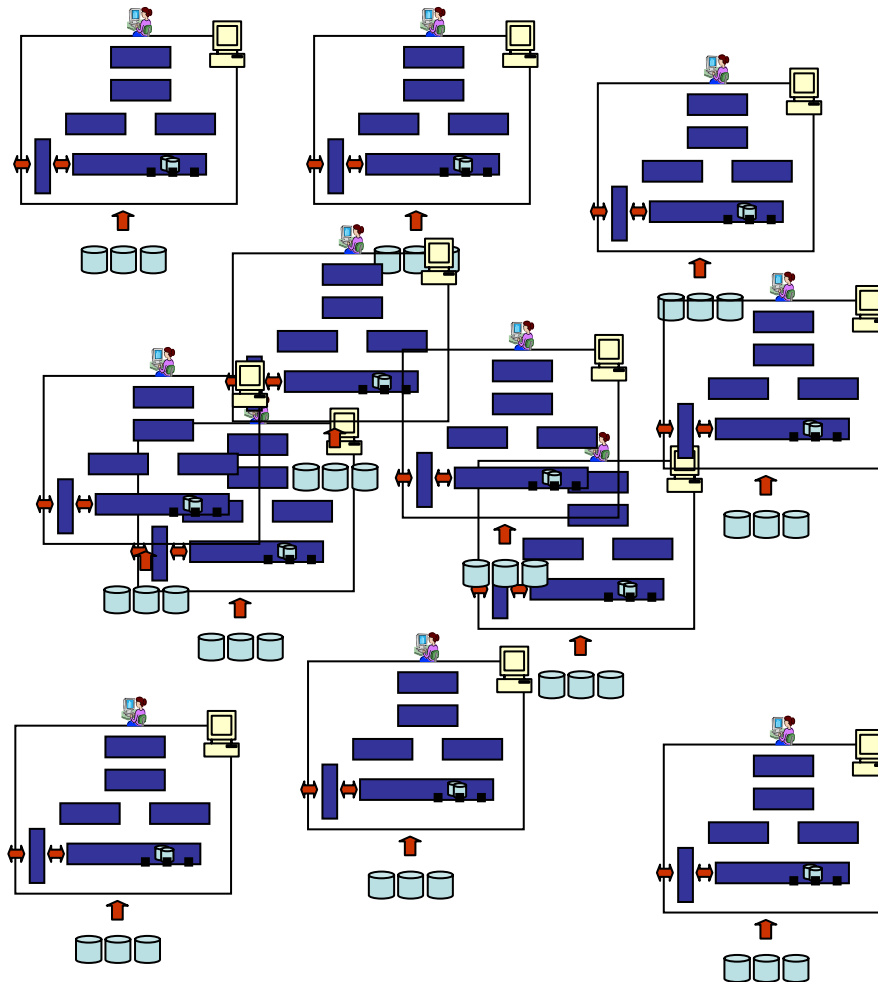
Objective

Build and maintain a **sustainable** European **infrastructure** where **content** and **functionality** resources can be openly **shared** and **integrated** for use by any application or community



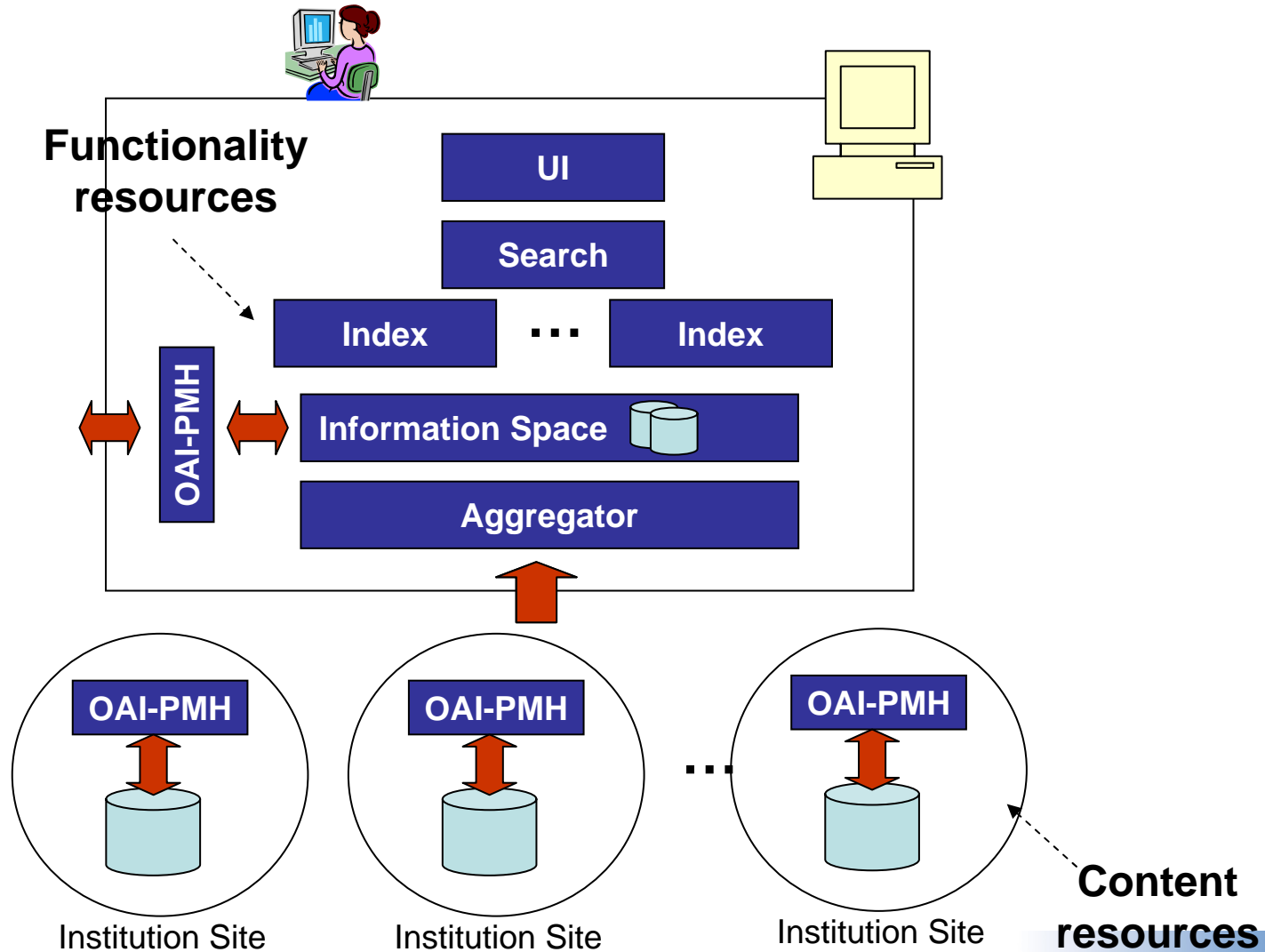
Motivations:

Multiple institution sites



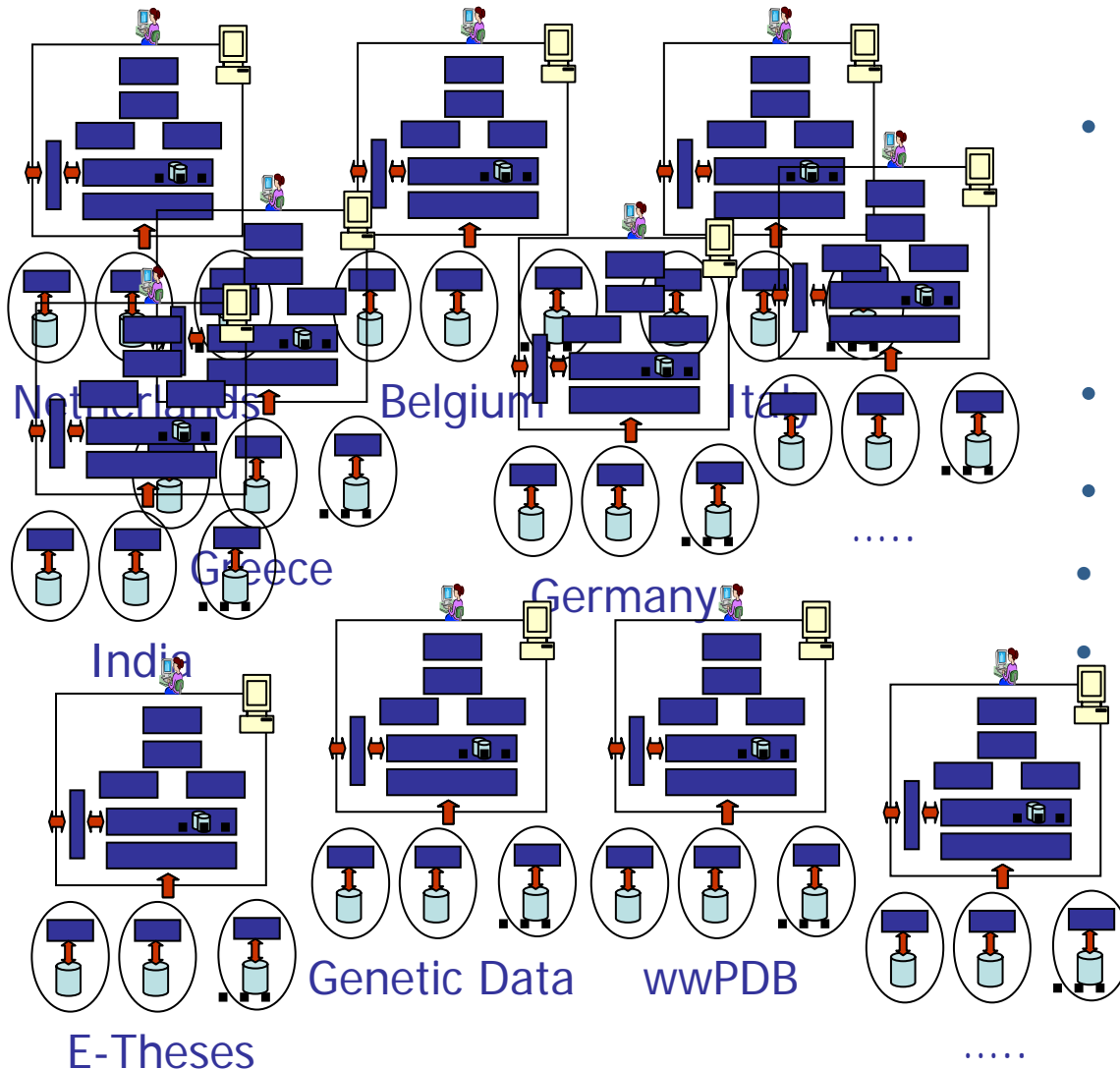
- High installation and maintenance cost for hardware and software
- Repeated efforts
- Disconnected repositories

Motivations: Service providers



Motivations:

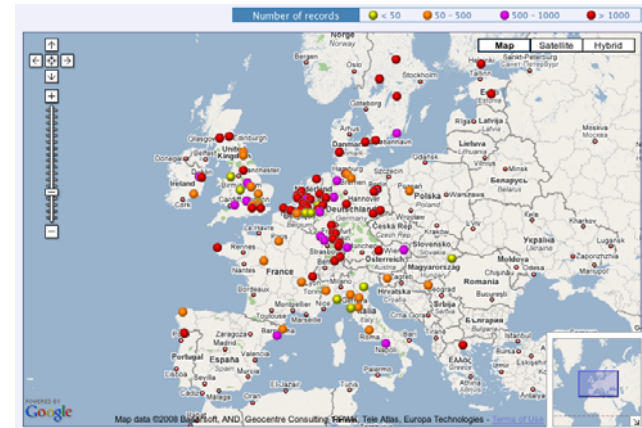
Institutional, National and Thematic service providers



- High installation and maintenance cost for hardware and software
- Repeated efforts
- Disconnected repositories
- Sometimes desired policy
- Often undesirable

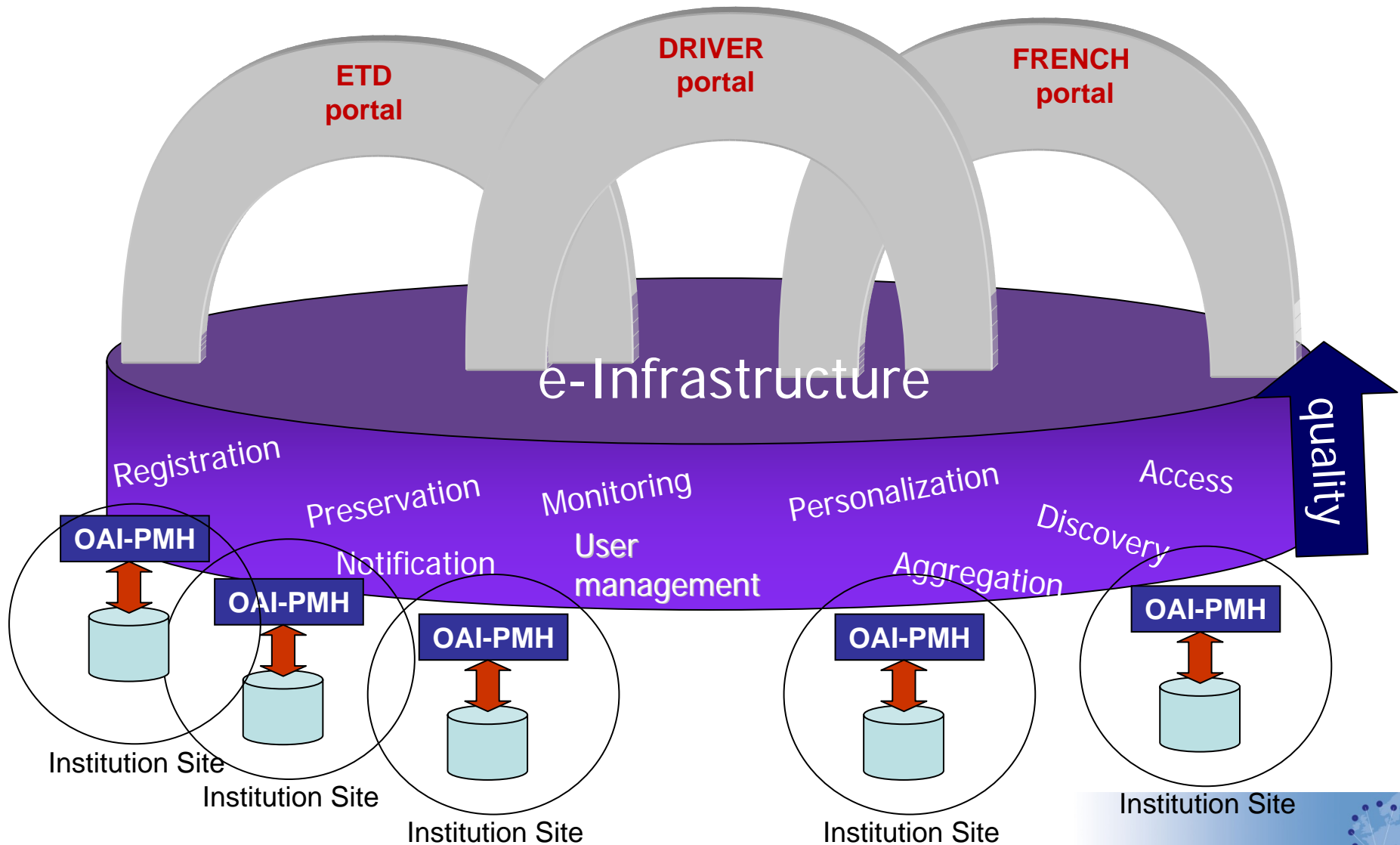
DRIVER e-Infrastructure Vision

Moving from building **individual** repositories or repository clusters, one at a time, repeating “things” again and again, to building an **INFRASTRUCTURE**, able to facilitate the above



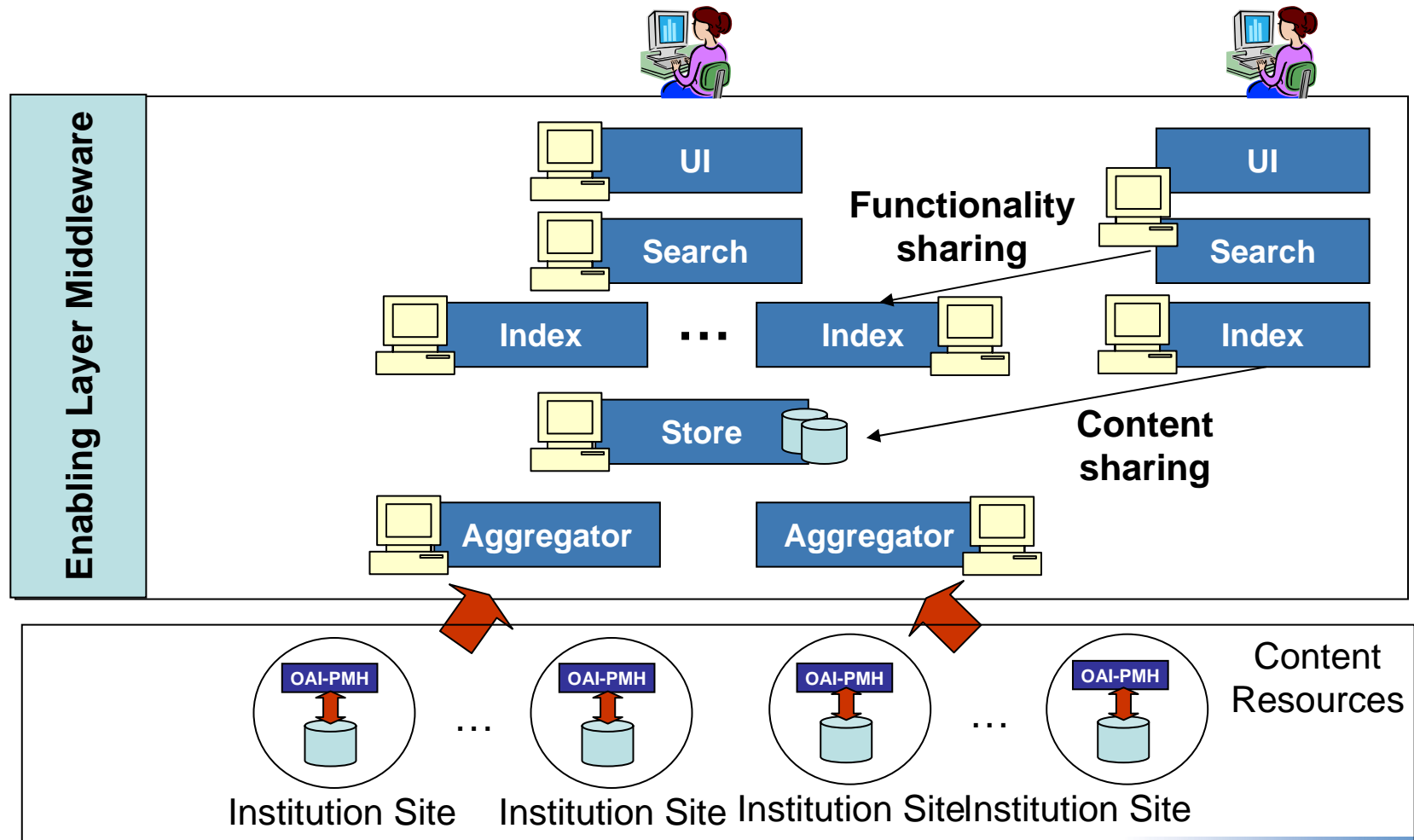
Main Activities:

building the e-Infrastructure



DRIVER Infrastructure

Building through sharing



Main Activities:

Building the organization

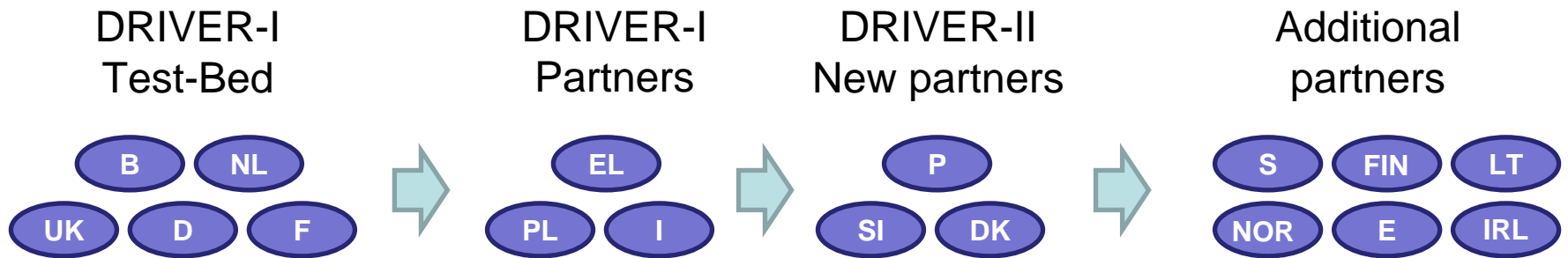
- Very variegated situation across Europe
 - Few National initiatives
 - Multiple competing organizations and/or sparse repositories
 - Different policies and procedures

Actions:

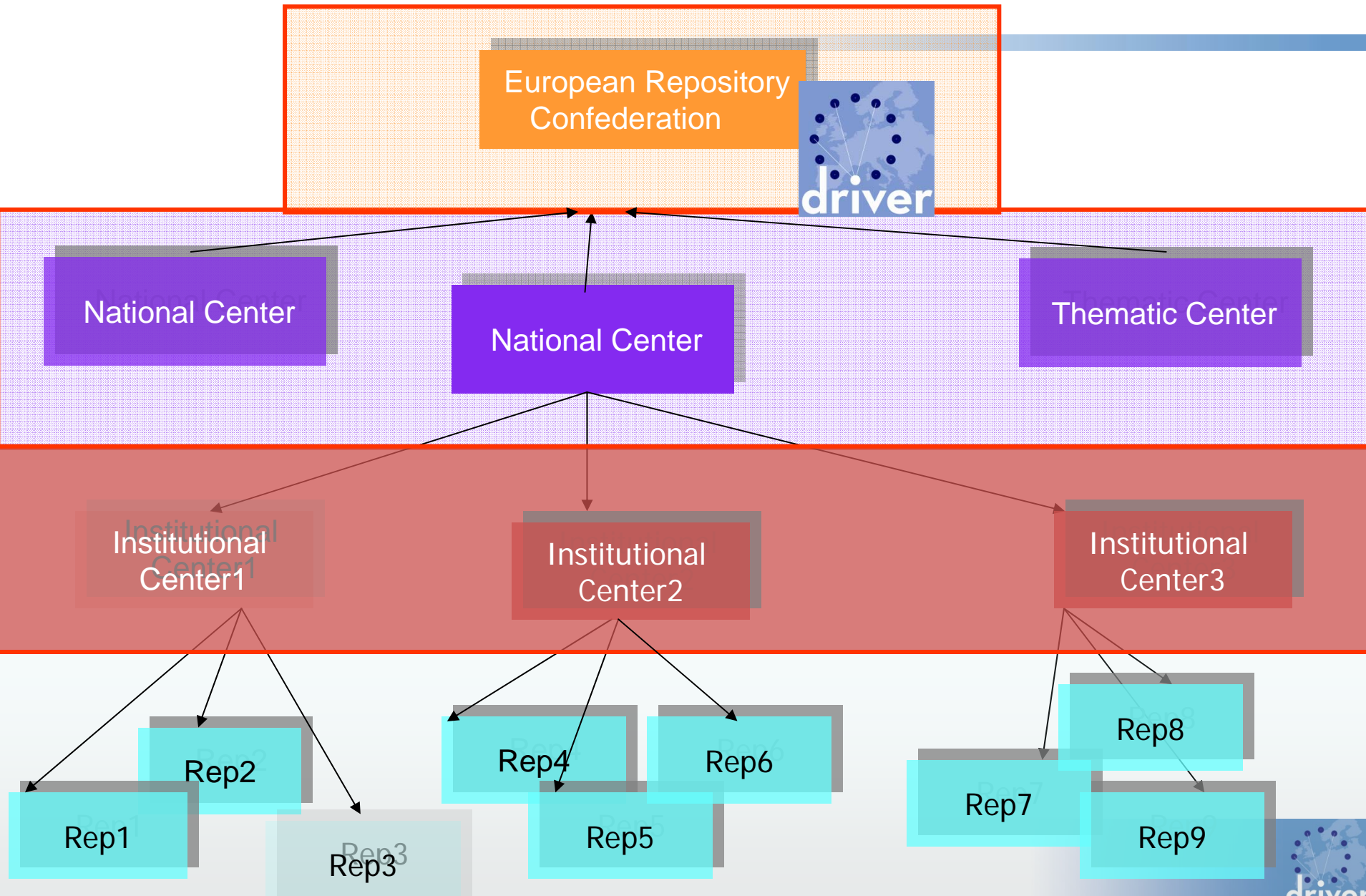
- **Identify an appropriate organisation, a set of agreed (harmonised) policies and a systematic approach to the sharing of repository content at European level**
- **Community Building**

Organisation

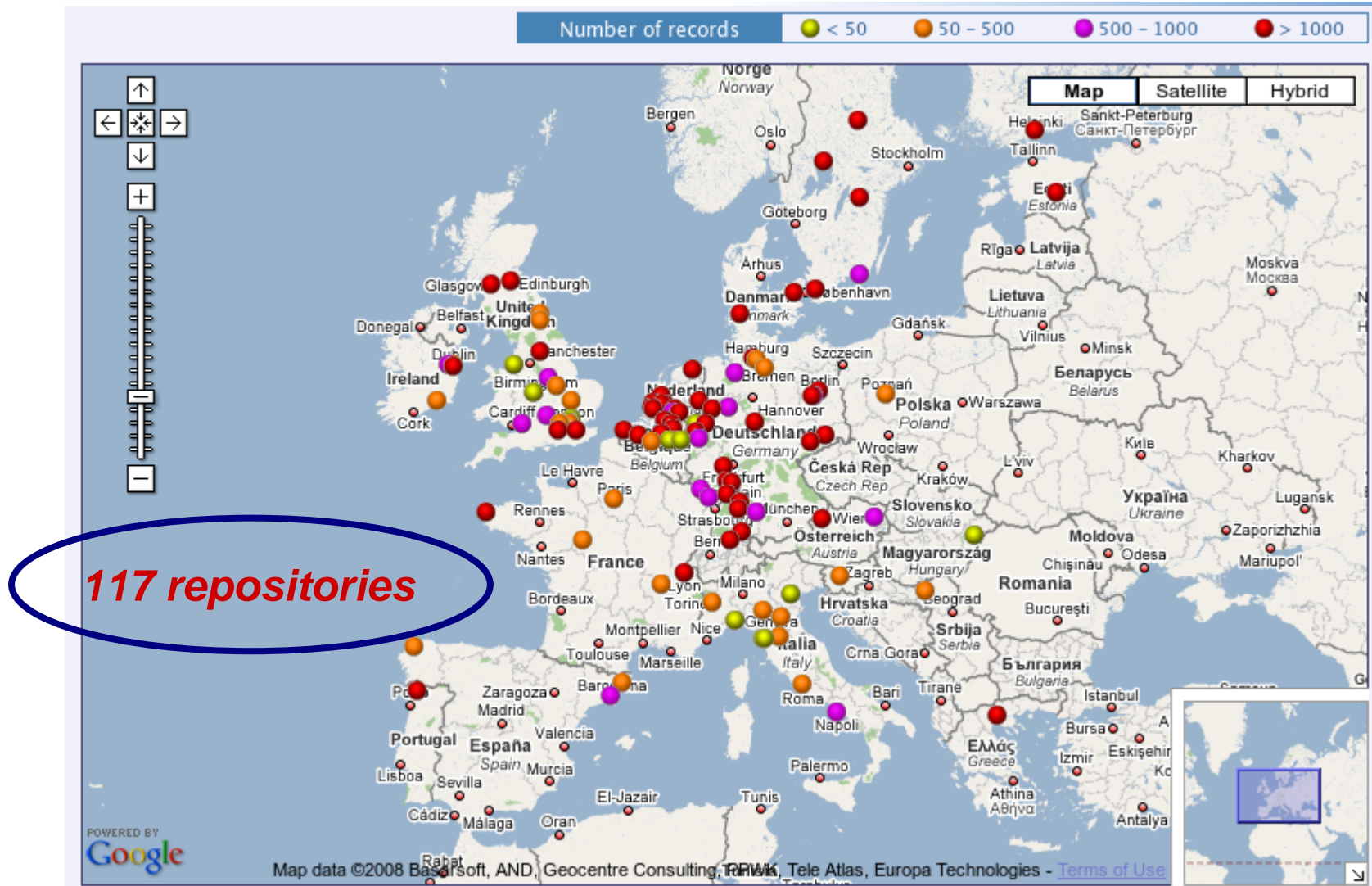
- **Confederation for European Digital Repositories**
(lead by Univ. of Goettingen)



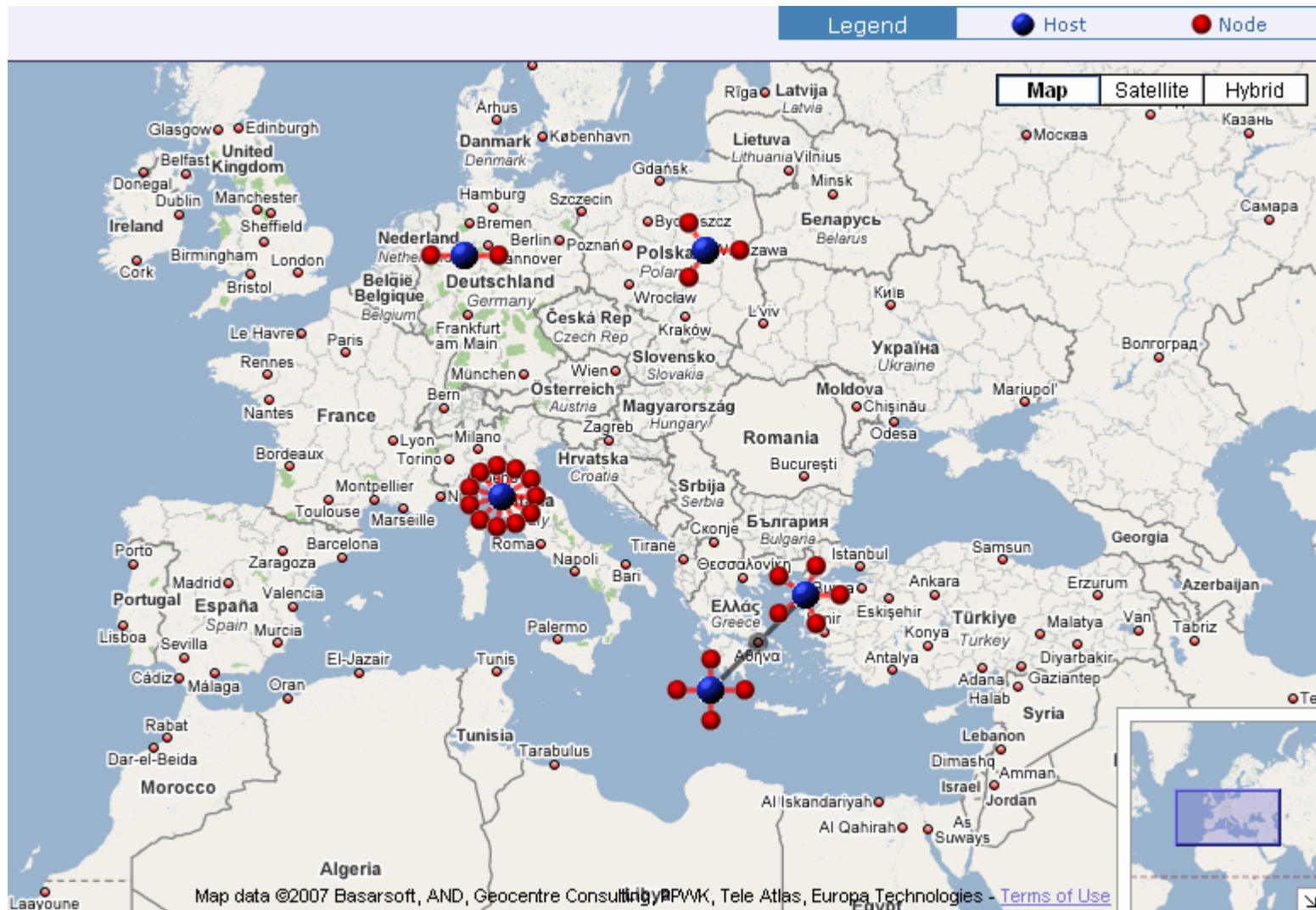
Hierarchical organization



Current DRIVER content



Current DRIVER deployment



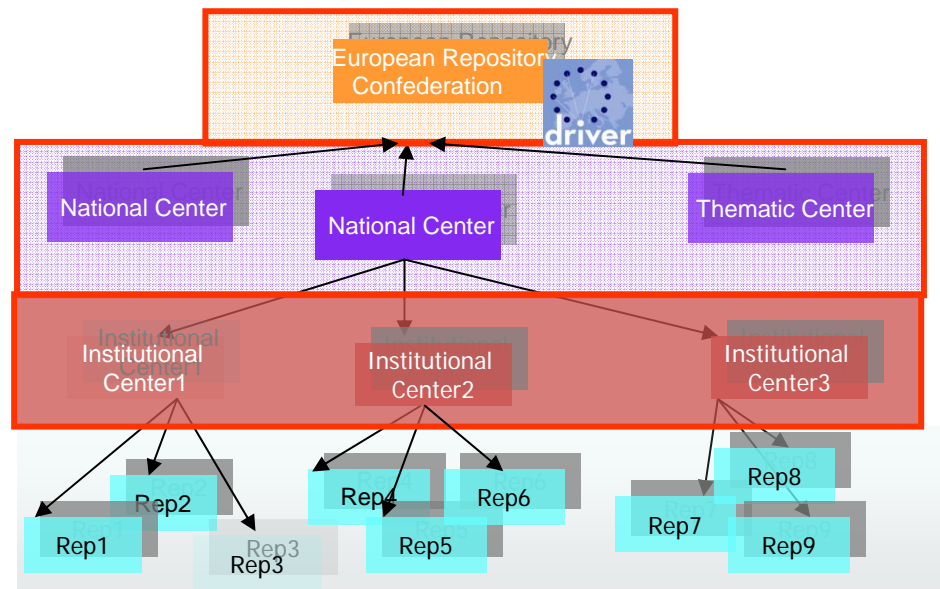
Next steps

- From a test-bed to a production infrastructure
- From metadata and textual documents to compound objects and data
- Towards a European Repository Confederation

Italy in DRIVER

- PUMA's repositories are registered in DRIVER

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<http://www.driver-community.eu/>

