



First Call for Data Pilots Highlights



Data Pilot call Highlights

- ◆ 24 applications, of which
 - ◆ 7 = Earth sciences, energy and environment,
 - ◆ 6 = Biomedical and life sciences,
 - ◆ 6 = Social Sciences and Humanities
 - ◆ 5 = Physical Sciences and Engineering
- ◆ potential user audience = 40,000 users
- ◆ cumulative storage resource request of up to 4.3PB

Service Areas covered

- Data synchronization & exchange (11/24)
- Data repository and (long tail) data sharing (18 / 24)
- Data replication and preservation (13/24)
- Data staging for analysis and processing (12/24)
- Data typing & visualization (9/24)
- New services or tools in the area of Big Data Analytics (5/24)
- New services or tools in the area of Semantic web (5/24)



EUDAT

Earth sciences, energy and environment Pilots

- Support to scientific research on seasonal-to-decadal climate and air quality modelling.
- DataPublication@UPorto: multi-disciplinary data description and deposit linking the Dendro staging platform with the EUDAT European Infrastructure
- Unified access to EISCAT radar
- DATA SPHINX (DATA Storage and Preservation of High resolution climate eXperiments)
- Public access to fine-grained city air quality data from roving sensors
- Web Coverage Service for sharing of tailored global atmospheric composition model results
- SIMCODE-DS

Biomedical & life sciences Pilots

- ◆ West-Life Data Pilot
- ◆ IST DataRep
- ◆ Herbadrop : an innovative approach to long-term preservation and analysis of digitised herbarium specimens
- ◆ The use of the EUDAT repository to store clinical trials in a secure and compliant way
- ◆ Use case for handling large scale medical data: prediction and diagnosis of cervix cancer and diabetes type 2.
- ◆ An EUDAT-based FAIR Data Approach for Data Interoperability

- Tokamak data mirror for JET and MAST data – moving towards an open data repository for European nuclear fusion research
- TURBASE-DNS: A DATA BASE OF DIRECT NUMERICAL SIMULATIONS OF TURBULENT FLOWS
- NFFA-EUROPE Information and Data Management Repository Platform for nano-science in Europe.
- Direct simulation data of turbulent flows
- Linked data service pilot for EUDAT

Social Sciences and Humanities Pilots

- Research data repository for students' own results
- Enriching Europeana Newspapers
- Cloudy Culture: A study of EUDAT shared services to measure the potential of using cloud-like services to improve the preservation of digital cultural heritage
- Aalto Research Data Management Suite Pilot
- Connecting B2ACCESS to the CLARIN user store.
- Ancient OCR: Storing, Cataloging, Relating, and Exposing OCR Objects from the Open Philology Project

Happenings 2016

- 1st User Forum – 3-4 Feb 2016, Rome
- EUDAT Fundamentals Training – 5 Feb 2016, Rome
- EUDAT Conference – June 2016, Berlin
- eInfrastructure Joint Meeting, organised by EGI, EUDAT, GEANT, OpenAIRE, PRACE and RDA – 26-30 Sept, Krakow
- 2nd Call for Data Pilots – planned for September 2016