



# WorkProgramme 2014-2015

## Research Infrastructures

Support for Open Access



**JARKKO SIREN**  
European Commission  
DG CONNECT  
eInfrastructure



# Research Infrastructures

- Research Infrastructures in general provide research opportunities and services to researchers in many areas also addressed by other Parts of Horizon 2020, in particular the "Societal Challenges", LEIT, and the other parts of "Excellent Science"



# Work Programme 2014-15

- Projects in LEIT and "Societal Challenges" of Horizon 2020 are expected to make use of available e-infrastructures services where relevant
- Production-level e-infrastructures are able to serve the computing and data needs of any Horizon 2020 project
- ESFRI and thematic other world class infrastructures can support data management (including possible open access to data)
  - Current situation varies from one infrastructure to another



## E-infrastructures for Open Access (EINFRA-2-2014) includes

- Robust **e-infrastructure supporting Open Access policies**, also for Horizon 2020.
- Establishment of a service driven infrastructures to enable wide participation in the H2020 **Open Research Data Pilot**.
- Sustainability: e-infrastructure incorporated as a legal entity in the 1st year
- Indicators, bibliometrics and webometrics for open access (specially H2020 output)
- Pilot scheme to reimburse post grant Gold Open Access article processing charges





## Managing, preserving and computing with big research data (EINFRA-1-2014) includes

- **DMP helpdesk and tools** ('federated data management services') in particular for Horizon 2020 project participants
- Services to support project participants in any area of Horizon 2020 for **managing the life cycle of data** they collect or produce within projects

# Proposal submissions

- Proposal submission forms (part A) for most areas either/or
  - Pilot areas: projects can opt-out
  - Non pilot areas: projects can opt-in
- Data management strategy described in proposal part B
- Collection of data to monitor acceptance of pilot

## DMP: what service?

- Many infrastructure initiatives exist in different countries in the EU and elsewhere (in addition to EC funded services)
- Circumspection (requirements at national and institutional level)
- Consistence with existing best practices in the scientific field
- Reimbursement is possible for Open Access publication costs (dissemination) and data management services (other direct costs)

# SyGMA and Open Access



- For publications, SyGMA will integrate in order to **simplify reporting**, but will remain independent, differentiated service (internal and external)
- For the Open Research Data Pilot, collection of the **Data Management Plans** is foreseen (deliverable in the first 6 months of the projects)





# SyGMA and Open Access

SyGMA uses Open Access technologies to help the Project Participants manage the Project Publications.



**OpenAIRE:** SyGMA gets from OpenAIRE the list of the Project's peer-reviewed scientific publications and their identifying data, including the D.O.I.



**D.O.I. Query Service:** SyGMA can automatically retrieve the publication's bibliographic information by using a D.O.I. Query Service, such as *CrossRef*



zenodo

**ZENODO:** for publications that are not yet in Open Access, SyGMA could provide an upload service to ZENODO, OpenAIRE's own OA server, hosted by CERN

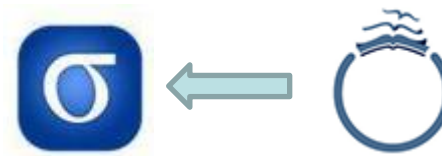
# SyGMA and OpenAIRE



The Project Coordinator  
enters SyGMA's  
Publications page



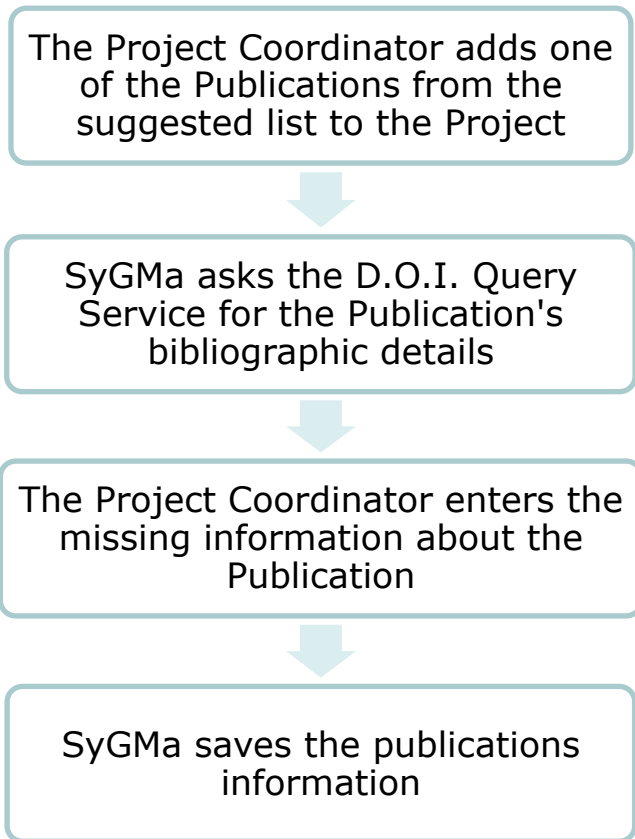
SyGMA asks OpenAIRE  
for the list of Publications  
linked to the Project



The Project Coordinator  
examines the list of  
suggested Publications



# SyGMA and the D.O.I. Query Service





# SyGMA and ZENODO

The Project Coordinator adds a new Publication not (yet) available through OpenAIRE



The Project Coordinator enters all the information about the new Publication



SyGMA saves the Publication's information and uploads it to ZENODO



OpenAIRE syncs with ZENODO



## Some useful links

- [www.eudat.eu](http://www.eudat.eu)
- [zenodo.org](http://zenodo.org)
- [www.openaire.eu](http://www.openaire.eu)
- [beta.openaire.eu](http://beta.openaire.eu)
- [www.egi.eu](http://www.egi.eu)
- [helix-nebula.eu](http://helix-nebula.eu)
- [datasealofapproval.org](http://datasealofapproval.org)
- [orcid.org](http://orcid.org)
- [www.datacite.org](http://www.datacite.org)
- [www.riportal.eu](http://www.riportal.eu)
- [www.re3data.org](http://www.re3data.org)
- [databib.org](http://databib.org)
- [academictorrents.com](http://academictorrents.com)
- [www.opendoar.org](http://www.opendoar.org)
- [roar.eprints.org](http://roar.eprints.org)
- [www.sherpa.ac.uk/romeo](http://www.sherpa.ac.uk/romeo)

## Next steps

- Future training under planning (RTD and CONNECT: FOSTER and OpenAIRE)
- Focus on the Open Research Data Pilot
- Planning and shaping of the pilot still ongoing: first plans (project data management plans) expected early 2015
- First services should be fully available towards end of 2015 (first open datasets)
- To do: further guidance on certification, preservation, etc.



