



# ISTI contribution

*OpenAIRE infrastructure and S&TDL*



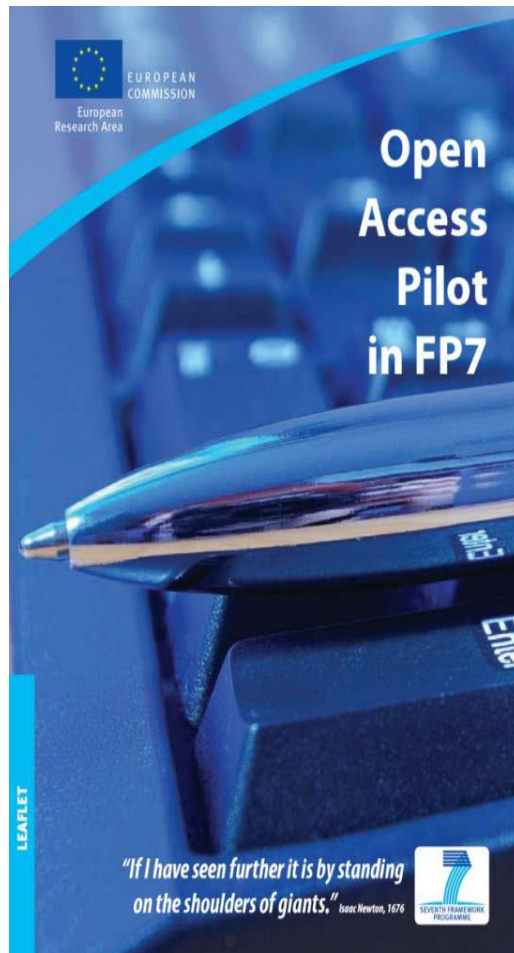
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# HISTORY AND MISSION OF OPENAIRE

# OA EU Pilot (2009)



## Support EC's and ERC Open Access policy

- Grant agreement SC39
- 20% programme areas
- Deposit in Repositories
- OA after embargo period (6-12 months)
- Gold payments during project

Widest possible dissemination and access to research outputs through the creation and operation of an Open Access Infrastructure for Research in Europe

# OpenAIRE

Open Access Infrastructure for Research in Europe

2009  
–  
2012



**Infrastructure for the  
identification, deposition,  
access, and monitoring of FP7  
and ERC funded articles and  
compliance to OA mandates**

*Point of reference for Open Access in Europe*

# OpenAIREPlus

Open Access Infrastructure for Research in Europe

2011  
—  
2014



## Extended

- Any OA article
- Any EU and National Funding Scheme
- Publications in context (datasets, projects, funding schemes, people, etc.)

*Point of reference for Open Access in Europe*

# OpenAIRE2020

Open Access Infrastructure for Research in Europe

2015  
—  
2018

## Extended

- **Datasets and DMPs (Open Data Pilot)**
- **Research data index**
- **Bibliometrics**
- **Research impact for research initiatives**
- **Alternative products: software**

*Point of reference for Open Access in Europe  
TO BECOME A LEGAL ENTITY by 2016*

# OPENAIRE DATA INFRASTRUCTURE

# OpenAIRE in a nutshell

- **Promoting & implementing Open Access policies**
  - Interconnecting people
  - Growing awareness
  - Sharing strategies
- **Measuring research impact and monitoring OA mandate implementation**
  - Integrates publication/dataset/software repositories, CRIS systems
  - Interlinks and contextualizes research outcomes
- **Providing both human and technical infrastructure to make this possible!**





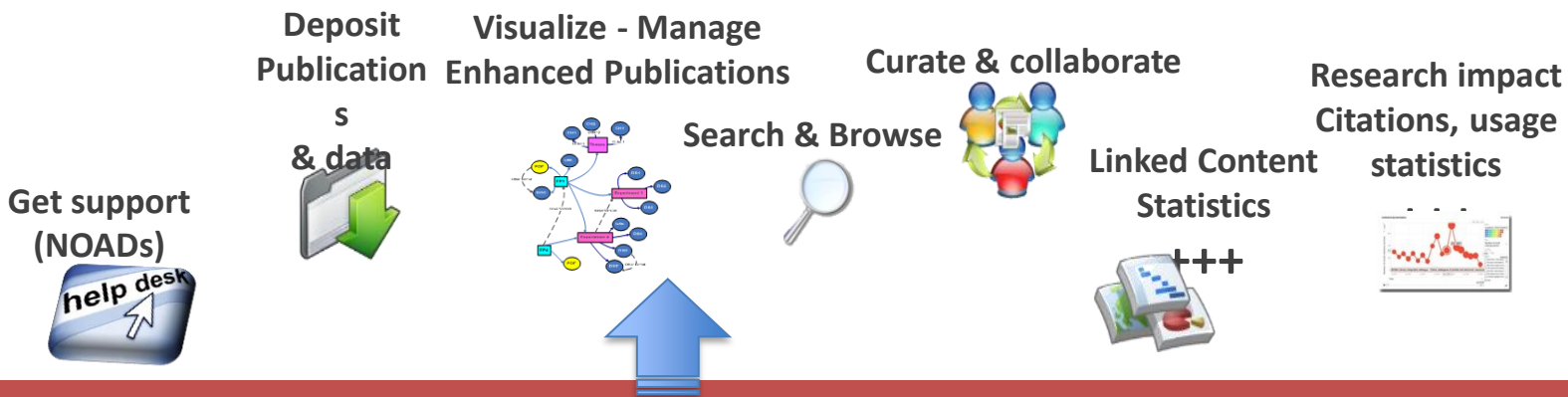
# What is OpenAIRE: end-user perspective

**1** SUPPORT  
Helpdesk. Engaging people and scientific repositories in 28 EU member states and beyond

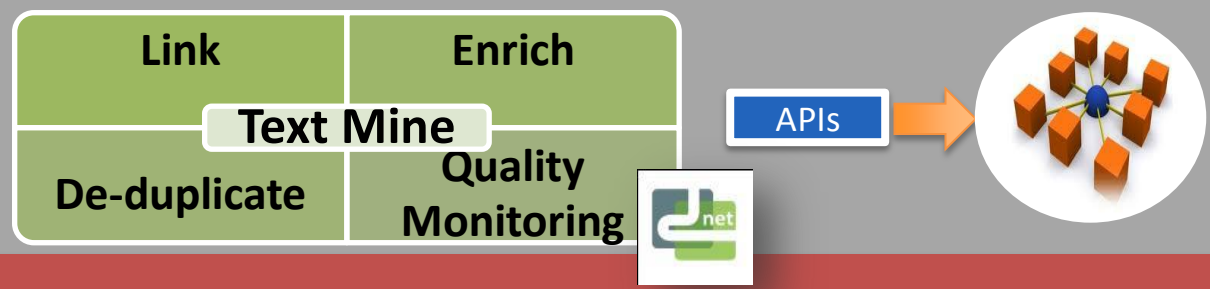
**2** PORTAL  
24 x 7 Service. Access to Research records. Linking publications to datasets, author information and above all, funding information

**3** ZENODO  
Repository for data and articles that can be stored neither in institutional nor in subject-based/thematic repositories

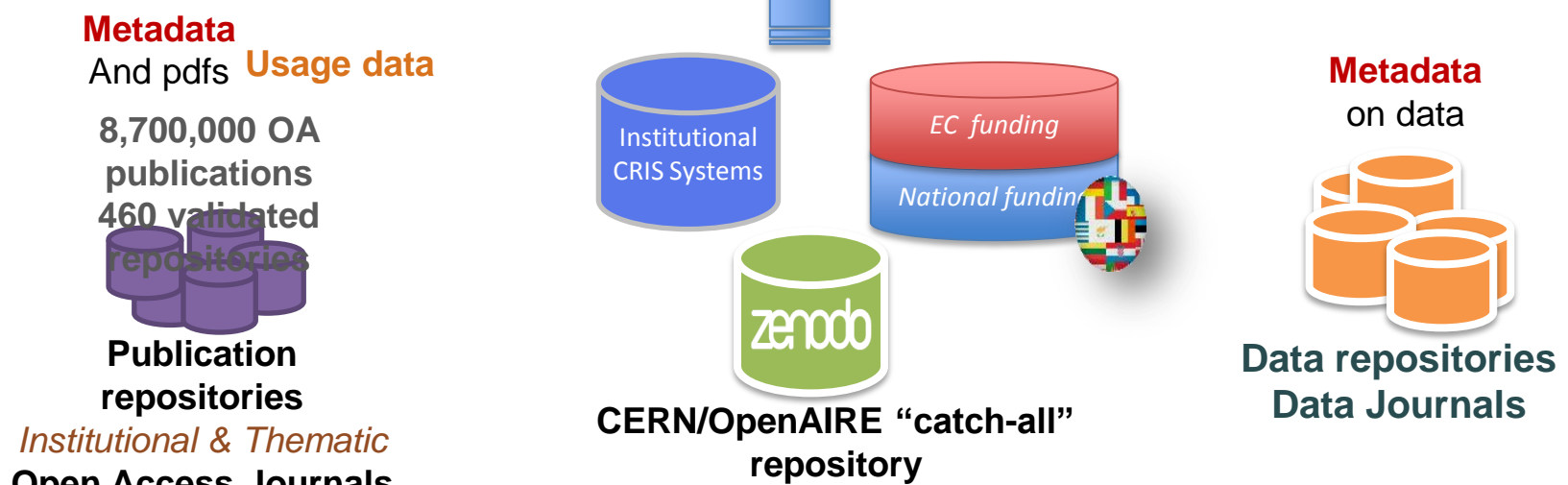




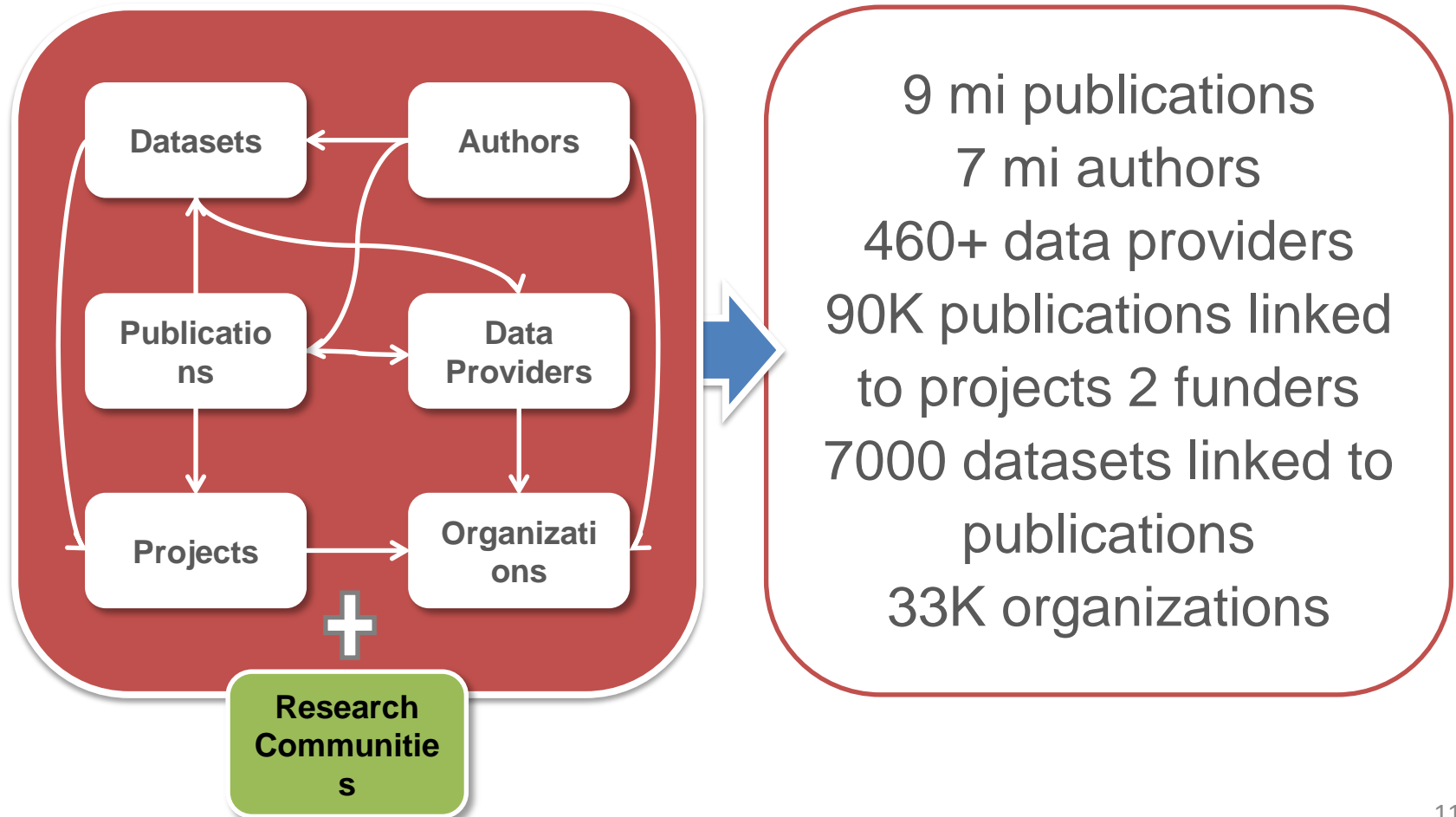
Guidelines for use services



Guidelines for data interoperability



# Added Value: Integrated Scientific Information System



# OpenAIRE Portal

OpenAIRE

NEWSLETTER LOG IN REGISTER

PARTICIPATE DEPOSIT, JOIN

SEARCH PUBLICATIONS, DATA, PROJECTS

STATISTICS OA, PROJECTS, TOPICS

SUPPORT FAQ, HELPDESK, GUIDES

OPEN ACCESS IN EUROPE

Repositories

More search options

**Researchers**

- › Deposit publications & data
- › Link research to funder/project
- › Download author's guide for OA

**Data Providers**

- › Register & validate content
- › Get guidelines for interoperability
- › Enrich repository content

**Research Managers**

- › Learn about EC & national policies
- › Create project reports
- › Get statistical information

**Funding Agencies**

- › Learn how to embrace OA
- › Participate in OpenAIRE
- › Find aggregated statistics

# CONTRIBUTION OF ISTI TO S&TDL

# Role of ISTI in OpenAIRE

- Project technical coordination
  - Delivery of software and 24x7 operational system of the **OpenAIRE data infrastructure**
    - 5 technical partners 17 developers and 3 administrators
- Infrastructure architecture designer and service developer
  - Data management services
  - Data infrastructure middleware
- D-NET Software Toolkit
  - <http://www.d-net.research-infrastructures.eu>



# Contribution of ISTI to S&TDL

- **Integration of S&TDL with OpenAIRE infra**

- OpenAIRE → S&TDL**

- EC project synchronization
  - Collection of links and statistics

- S&TDL → OpenAIRE**

- Delivery of content

- **Re-use of D-NET services**

- De-duplication
  - Inference
  - Data Quality monitoring

- **Implementation of European mandates** (publication and research data) @CNR and @National level

# Thank you!

Looking forward to your questions and feedback



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