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Open Access infrastructure for research in Europe

COAR anual Conference 2017



Open Access infrastructure for research in Europe

THE POINT OF REFERENCE FOR OPEN SCIENCE IN EUROPE

Human Network



e-infrastructure

- ✓ NOADS: National Open Access Desks
- ✓ Monitor and foster the adoption of Open Access policies at the local level
- ✓ Support the implementation of the Open Data in H2020
- ✓ FP7 post grant APCs Pilot

- ✓ e-infrastructure for monitoring impact of OA mandates and research projects
- ✓ OpenAIRE guidelines for metadata exchange
- ✓ Zenodo Repository for the deposition of research products

50 Partners: EU countries, data centers, universities, libraries,

Human Infrastructure

- Local support for Europe's diverse research landscape

Human support network

- 33 expert nodes all over

Europe to help with:

- OA training and support
- OA policy development
- Technical assistance

- World-wide synergies

Strategic coordination (UGOE)				
Region North (CRISTIN)	Region East (EIFL)	Region South (UMinho)	Region West (UGent)	
Denmark	Bulgaria	Cyprus	Austria	Helpdesk support (UMinho)
Finland	Croatia	Greece	Belgium	
Iceland	Czech Republic	Italy	France	RDM support (DANS)
Norway	Estonia	Malta	Germany	
Sweden	Hungaria	Portugal	Ireland	
	Latvia	Spain	Luxemburg	
	Lithuania	Turkey	Netherlands	
	Poland		Switzerland	
	Romania		UK	
	Serbia			
	Slovakia			
	Slovenia			

EU Member State
EU Associate Country
Additional Activity



✓ 21,118 H2020
project
participants
contacted
(9,285 in 2015)

✓ 1,581
repositories
contacted
(827 in 2015)

✓ 2,630 journals
and publishers
contacted
(603 in 2015)

Networking Power



✓ 1,526
multipliers
contacted

1,302
stakeholder
enquiries
handled (938
in 2015)

2016 NOAD statistics

OpenAIRE's e-infrastructure Common

KEY STAKEHOLDERS



Funders, research admins,
research communities



- Research impact
- Project reporting and monitoring
- Open Access trends



Content providers



- Repository validation
- Repository notification broker
- Repository analytics and usage stats

Researchers



- Claim publications, datasets, software
- Deposit publications, datasets, software
- Search & browse: interlinked publications, datasets, projects
- Open Access & DMP Helpdesk
- End-User feedback

SERVICES

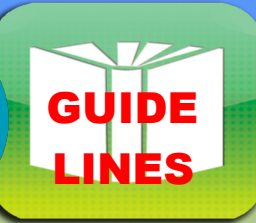
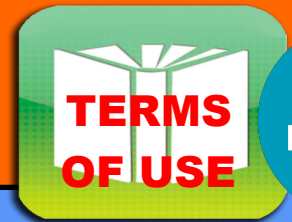
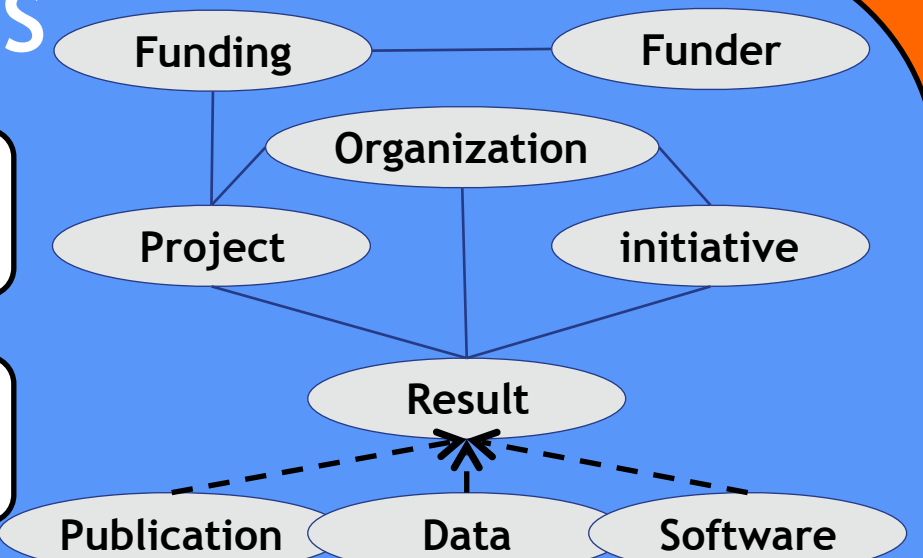
INFO SPACE SERVICES

Cleaning

De-
duplication

Validation

Enrichment
By inference



CONTENT PROVIDERS



Publications
repositories

Research Data
repositories

CRIS
systems

Registries
(e.g. projects)

OA
Journals

Software
Repositories

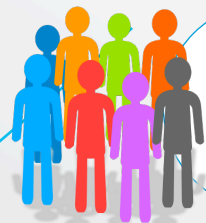




Customers



Researchers



Research infrastructures



Organizations (e.g. academic, research, libraries)

Research funding



Funders

Project coordinators

Member States

Scholarly communication

SMEs

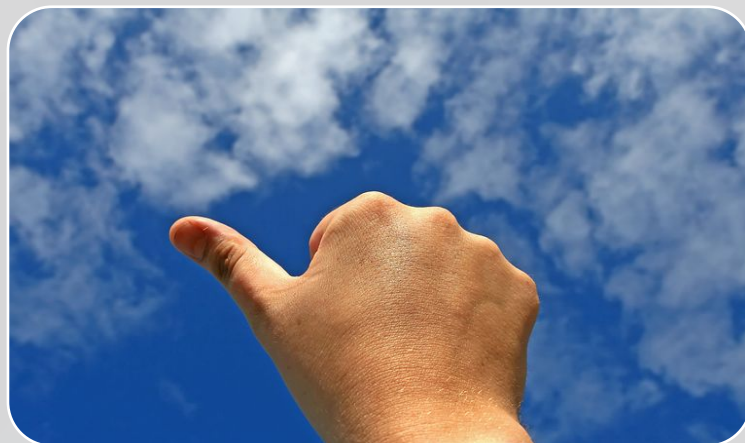


Data providers: publication repositories, dataset repositories

Publishers



OpenAIRE Data Provider Dashboard



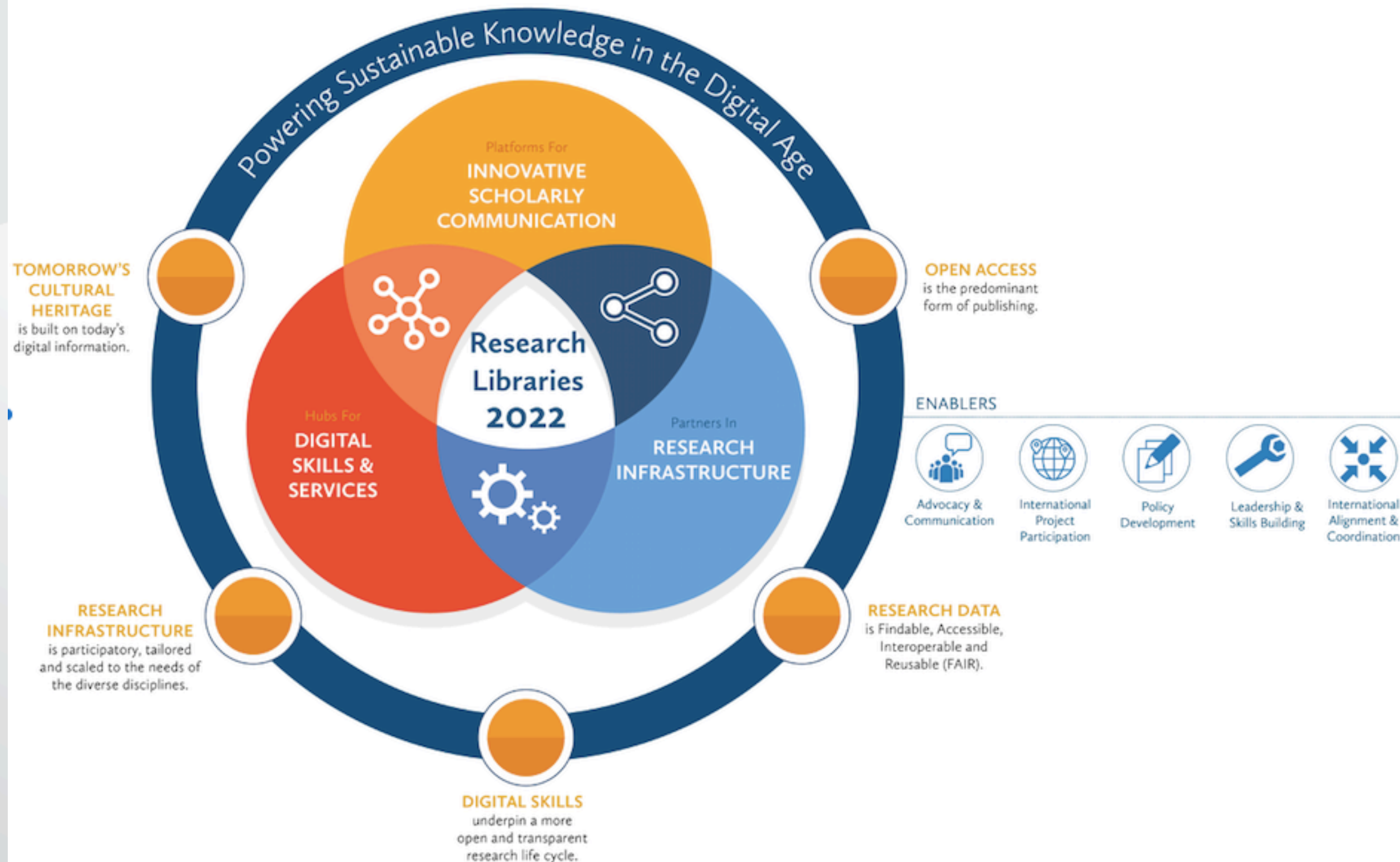
**REGISTRATION
&
VALIDATION**
∴
current validator

**ENRICHMENT
&
ADDITION**
∴
broker service

**USAGE
STATISTICS
&
METRICS**
∴
stats service

**NOTIFICATIONS
&
UPDATES**
∴
manage
datasource

LIBER Strategy 2018-2022





European
Commission

February 2016

DIRECTORATE-GENERAL FOR RESEARCH AND INNOVATION (RTD)

Draft European Open Science Agenda

Policy action	Objectives/Need to act	Required action	Implementation at EU level /Responsible party (Commission, pan-European interest organisations)	Implementation at National Level (Policy makers, funders, research performing institutions, researchers, citizens)	Supporting evidence (public consultation and stakeholder organisation views)
Foster Open Science	Raise awareness and support take-up by stakeholders	Organise debates at national and European levels	Establish a Policy Platform at European Level and a self- regulation/ clearinghouse mechanism addressing Open Science issues Provide H2020 support, e.g. in	Organise debates at national level	Large majority support stakeholder 'bottom-up' approach Wide
	Reinforce stakeholders' ownership and trust	Involve representative stakeholders		Establish a policy on Open Science together with national stakeholders	



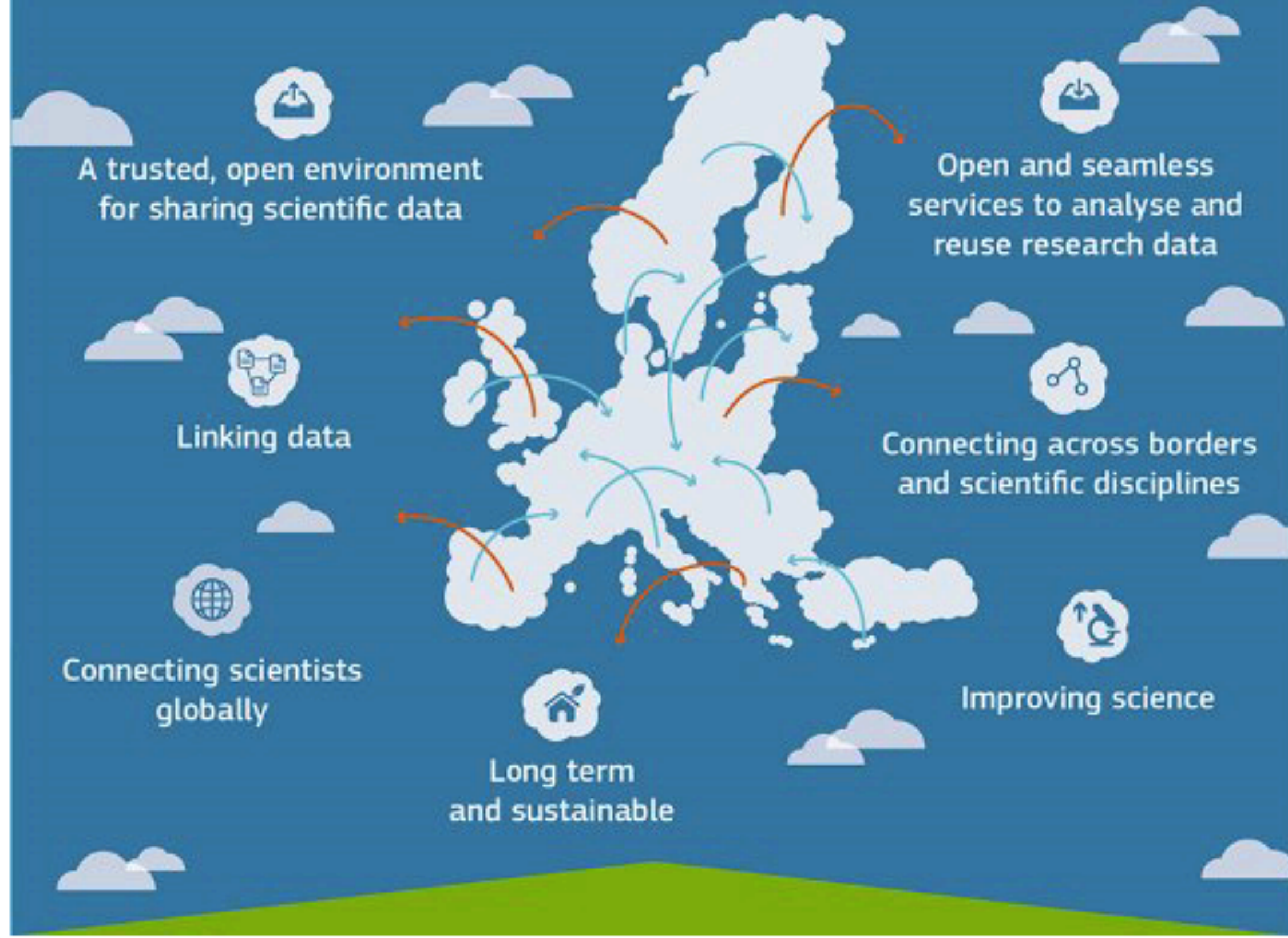


EUROPEAN CLOUD INITIATIVE

UNLOCKING THE POWER OF
BIG DATA FOR OPEN SCIENCE

EUROPEAN OPEN SCIENCE CLOUD

BRINGING TOGETHER CURRENT AND FUTURE DATA INFRASTRUCTURES



Thanks!

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