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UNIVERSITÀ DEGLI STUDI DI TRIESTE

Regional Research Portal UnityFVG: DSpace-CRIS interoperability with CERIF standard

UNITYFVG
United Universities of FVG

RESEARCH FRIULI VENEZIA GIULIA

UNIVERSITÀ DEGLI STUDI DI TRIESTE

UNIVERSITÀ DEGLI STUDI DI UDINE

SISSA
Scuola Internazionale Superiore di Studi Avanzati

UNITYFVG
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OR 2019
Repository/CRIS Workshop:
Realising Technical Interoperability and/or Integration
Hamburg, Germany - June 10 - 13 2019

euroCRIS
Current Research Information Systems
DURASPACE

Friuli Venezia Giulia (FVG) Region

REGIONE AUTONOMA FRIULI VENEZIA GIULIA





The FVG Research System

4 Public Research Institutions (MIUR) 4 International Institutions 4 Technology Parks
8 researchers / 1000 inhabitants 7500 researchers from all over the World





UNIVERSITÀ DEGLI STUDI DI UDINE

- Established in 1978
- 9 Departments
- 15.000 students
- 680 professors
- 850.000 monographs
- 54.500 ejournals



UNIVERSITÀ
DEGLI STUDI DI TRIESTE

- Established in 1924
- 10 Departments
- 17.000 students
- 680 professors
- 1.800.000 monographs
- 15.000 e-journals



International School for Advanced Studies

- Established in 1978
- 3 Research Areas:

  Physics, Neuroscience, Mathematics

- 130 post-docs
- 245 PhD students
- 67 professors
- 20,000 monographs
- 20,000 volumes of bound periodicals



OA and IR archives

More than 10 year experience

- 2006 Pilot project (Bergen DSUG meeting):
  installed the first version of DSpace 1.4
  (2004 Messina declaration -> archive Doctoral Thesis)

- 2007 OpenstarTs go LIVE
- 2010 OAI-PMH harvest from National Library for
- 2012 The National Bibliography Number Italia (NBN:IT)
- 2013 The Open Access Policy
- 2014 The Messina declaration 2.0
- 2015 the 2nd place in the Italian national ranking

  184th place in the international one *(webometrics)*

UniTS experience

Our Digital Archives (in production from 2007)

- OpenstarTs : Pubblicazioni EUT, Doctoral Thesis, Conferences
- EUT University Press publications (5000 articles on 20 Ejournals and Books)
- ThesiS : Bachelor Thesis (with digitized old material)
- SbaSpace : Catalogo Iniziative Divulgazione Scientifica, Cartella Stampa
- ArTs: Archivio della Ricerca (Institutional CRIS system linked to MIUR)

- OpenStarTs is registered on:
  - OpenDOAR, ROAR, ROARMAP
- OpenStarTs is indexed by:
  - OAISTER *(WorldCat),* Google Scholar , OpenAIRE , Pleiadi, CORE

2014 UnityFVG project

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Strategic cooperation in some common sectors:

- research output
- library services
- technological transfer
- integration of services for student

2015 adoption of IRIS archives

UniTS and UniUD starts

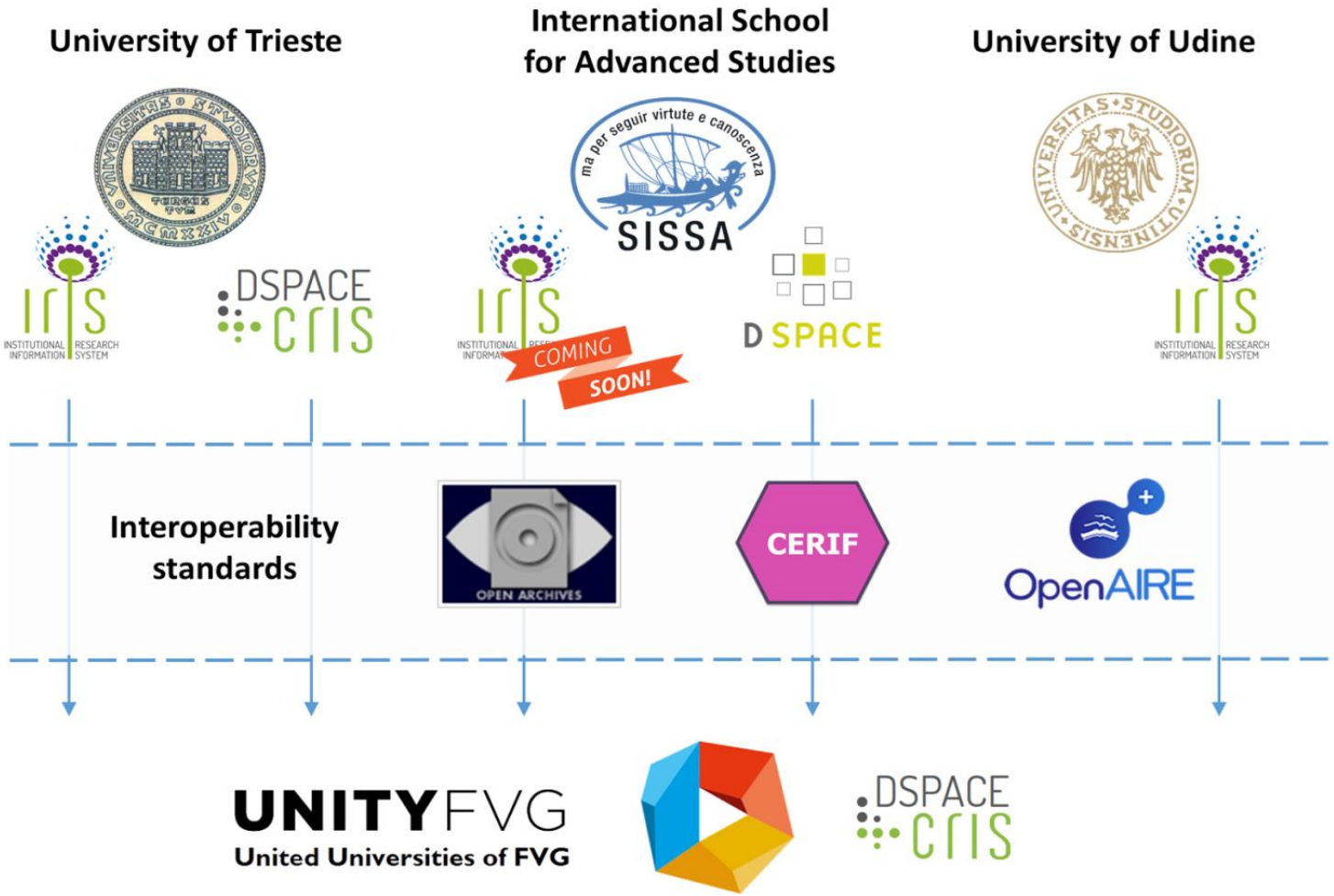
with CINECA IRIS (DSpace-CRIS) solution



120,000 research Items:

- scientific articles,
- chapters of books
- monographs
- conference proceedings

The FIRST 2016 prototype



2016

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Regional Research Portal

- unique point of access to Research Production
- dissemination of OA
- publications



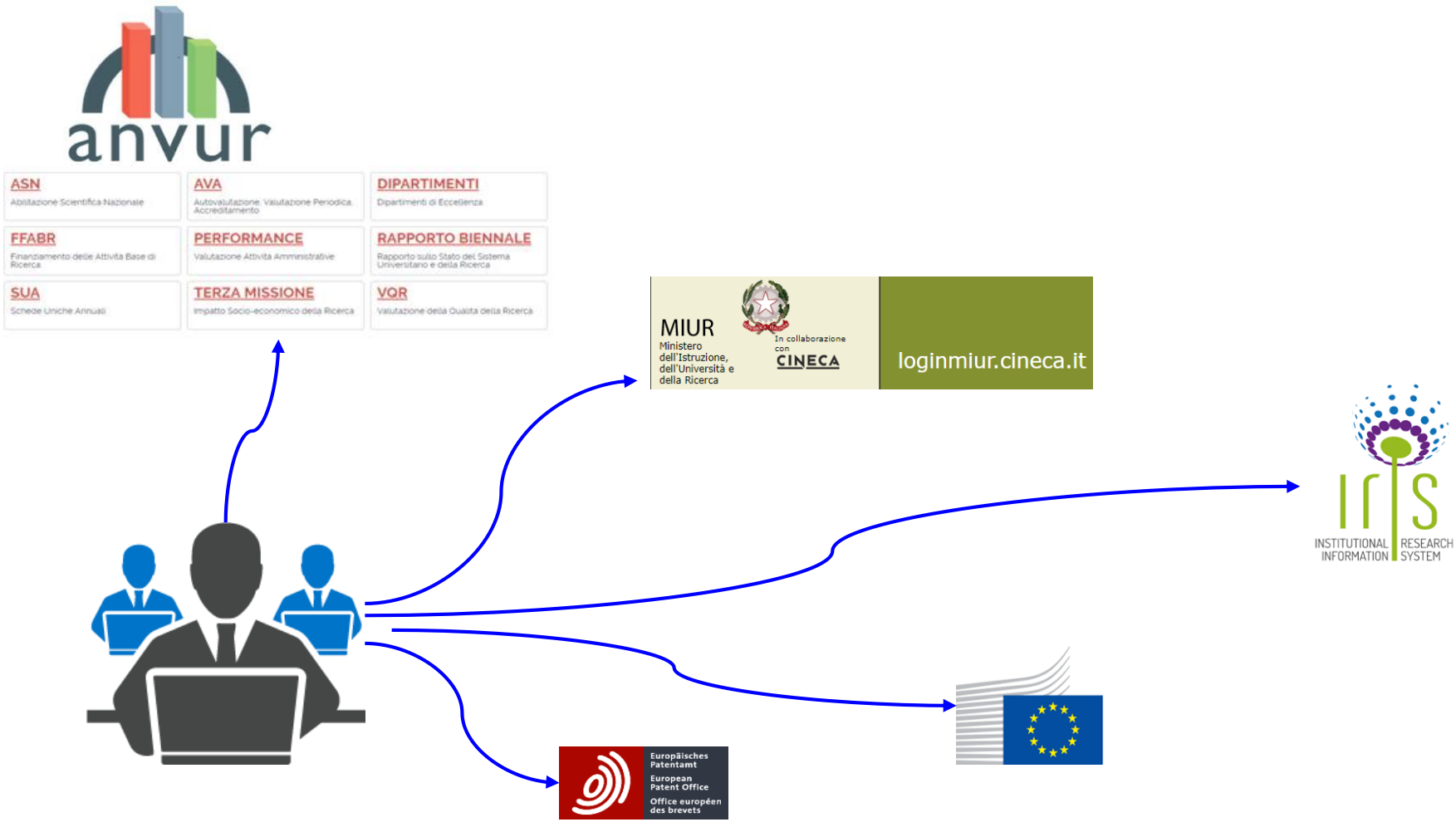
The Mission 2018-19

- Research/Public Engagement Showcase
- Collect&Arrange Data (DataEntry & AutomaticIngestion)

  in **single central place**

- Workflow rationalization
- Governance monitoring tools

The Data Entry “route”



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RICERCA FRIULI VENEZIA GIULIA

Research.UnityFVG.it



{ REST }

OAI-PMH

CERIF

Linked Open data

openstarTs

Publications
Journals/Series/Books (EUT)

Projects
deliverables/pre-print

Public Engagements Events
DataSets
Institutional Documents

SSO

idem garr aai
eduGAIN

Module RM

Researcher profiles
CV - Prize

Research Groups
Laboratory
Great Equipment
Public Engagement

Module IR

Publications

Automatic Data harvesting from sources

OpenAIRE

Europäisches Patentamt
European Patent Office
Office européen des brevets

MIUR
Ministero dell'Istruzione, dell'Università e della Ricerca

In collaborazione con CINECA

loginmiur.cineca.it

Research.UnityFVG.it

OAI-PMH CERIF

{ REST }

CERIF

https://www.openstarts.units.it/cerif-oai/openaire-cris
(OpenAIRE CRIS 1.0 - Cerif-1.6-2)

https://www.openstarts.units.it/dspace-oai/request
(OpenAIRE Literature Repositories Basic)

2 Contexts

Module RM

Researcher profiles
CV - Prize

Research Groups
Laboratory
Great Equipment
Public Engagement

https://arts.units.it/oai/openaire
(OpenAIRE Literature Repositories 3.0)

Module IR

Publications

List of Metadata Formats

Results fetched 0

oai_dc

Namespace http://www.openarchives.org/OAI/2.0/oai_dc/

Schema http://www.openarchives.org/OAI/2.0/oai_dc.xsd

cerif

Namespace urn:xmlns:org:eurocris:cerif-1.6-2::eu:op naire:cr

Schema https://www.openaire.eu/cerif_schema/cer 1.6-2_ope

List of Sets

Results fetched 9

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Records Identifiers

OpenAIRE_CRIS_persons [openaire_cris_persons]
Records Identifiers

OpenAIRE_CRIS_publications [openaire_cris_publications]
Records Identifiers

OpenAIRE_CRIS_orgunits [openaire_cris_orgunits]
Records Identifiers


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The name
ORCID
The affiliation
Many publications

Interoperability with Standards

OAI-PMH **CERIF-XML** **REST-services**

Cerif Example

Complies with



The Identifiers

Researcher Identifiers

ORCID Connecting Research and Researchers

RESEARCHERID THOMSON REUTERS

ScopusID

http://research.unityfvg.it/cris/rp/details.htm?lt=orcid&lv=0000-0001-8810-5082

Identity Management Standards

Shibboleth.

UniTS IDEM Login idem garr aai eduGAIN

ORCID Login

Persistent Identifiers

- DOI
- HANDLE
- NBN
- ORCID

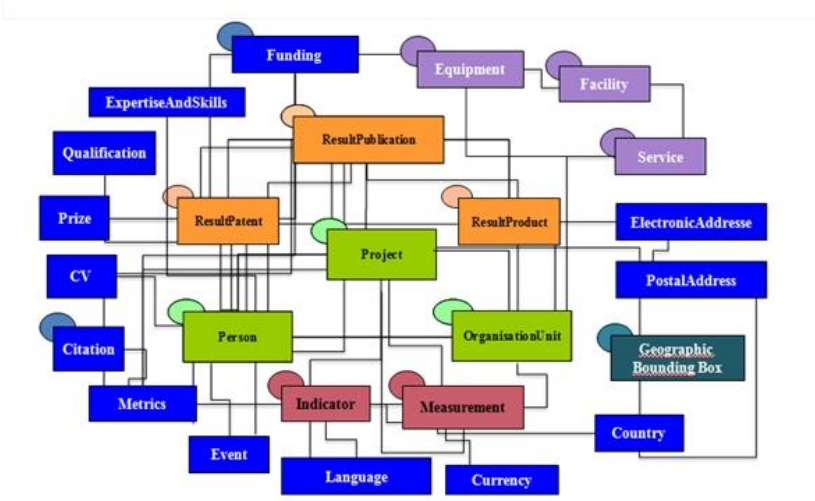
2019

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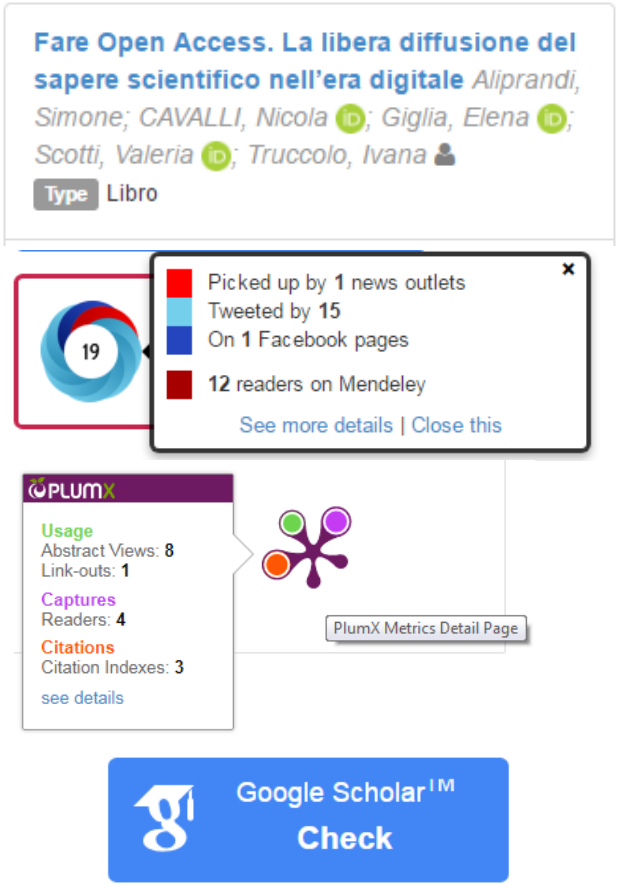
Regional Research Portal

- integration of «entities»:
  - Publications
  - Author / Researchers
  - Events / Public Engagement
  - Journals
  - Organizational Units
  - Skills / ERC16
  - Projects
  - Grants



Advanced integration with metrics and services

- ORCID
- Altmetrics
- PlumX
- Google Scholar



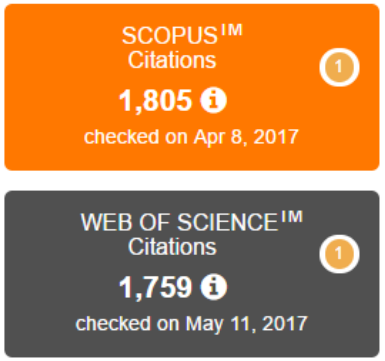
ArTS ITEM example

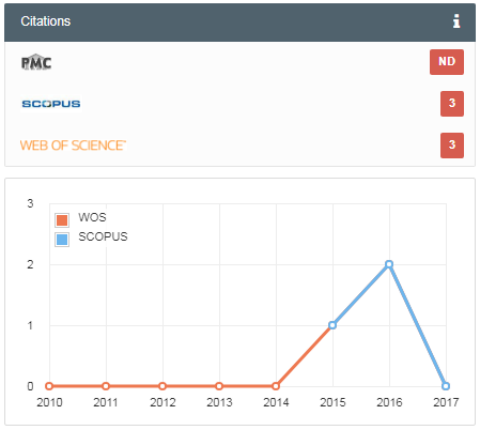
Advanced integration with metrics and services

- Scopus
- WOS
- PubMed Central

ArTS example

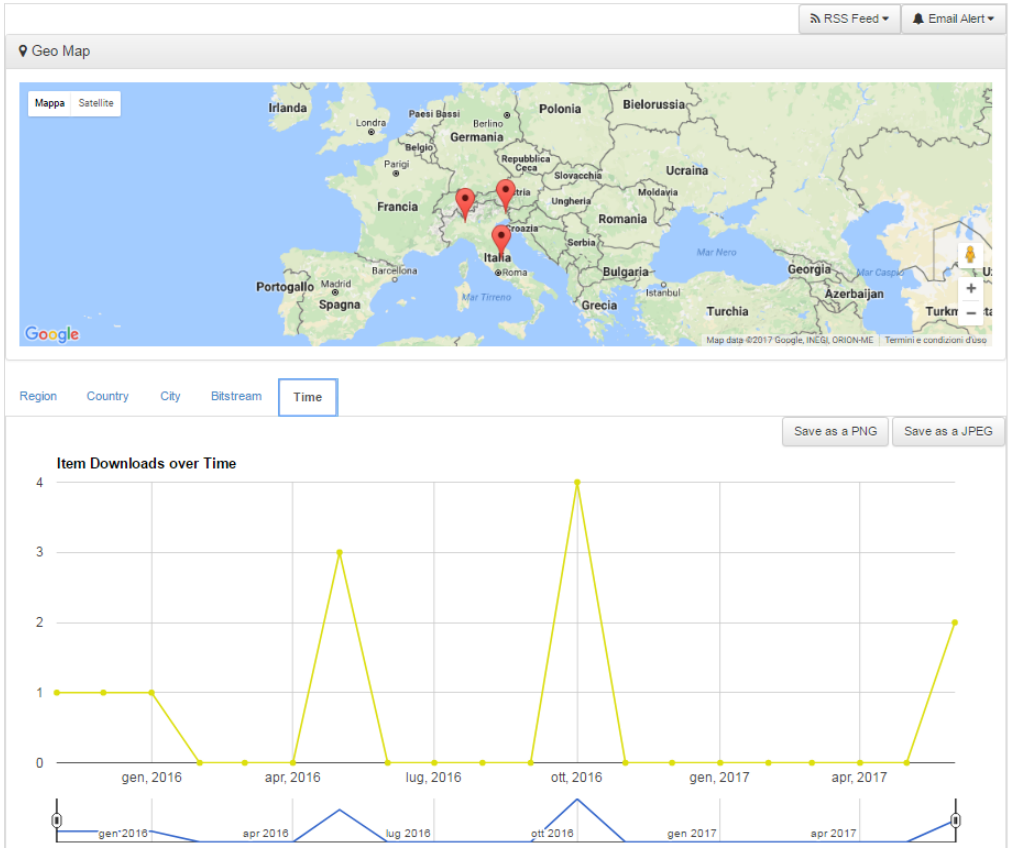
ArTS example







Advanced Statistics



Page view(s)
33
checked on 29-set-2016

Download(s)
6
checked on 29-set-2016

The RIM-CRIS Software used





Research Information Management System

Current Research Information System

for Researchers, Managers, Technology Transfer, Media, Public

Cultural Heritage Data Management System

for Galleries, Libraries, Archives and Museums

The Service Provider supporting the projects

4SCIENCE
Share your knowledge

CERTIFIED DURASPACE PARTNER

DSPACE

Add-ons: *added value*

HelpDesk: *efficient & «agile» with Real-time chat*

SLA: *great variety & flexibility*

CLOUD: *AWS Dublin (GDPR)*

DSpace: *Commiter, Steering Group, Leadership Group, DSpace7 developer*

“OpenAIRE Guidelines for CRIS Managers” Challenge

- Troubles with Guidelines V1.0: No Validator
- Lack of some Entities, Relations and Attributes

- Proud to partecipate to 4Science pilot test for

OpenAIRE Guidelines for CRIS Managers V1.1.1

The Open Data/Science Challenge

Data Management features integrated in DSpace-CRIS

- Access to CKAN services from DSpace, including direct preview of dataset content without the need to download the full dataset;
- Data displayed in DSpace as a table, on a graph, on an interactive map;
- Data can be sorted on particular columns, filter or facet by values, or choosing variables on the axes;
- Integration via REST services that expose open data

Example DataSet

Thanks for your attention

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@JordanPiscanc

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Waiting 4 you
4 to 10 July 2020

ESOF2020
EUROSCIENCE OPEN FORUM
TRIESTE

Biennial pan-European event created by the
EuroScience