



**e-IRG Workshop under French EU
Presidency**

Workshop 30-31 May 2022

Session III: Cross-e-Infrastructure collaboration and coordination (network, computing, data)

euroCRIS – Research Information Exchange and Aggregation Across Institutions, Regions, Countries

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What is a CRIS?



WIKIPEDIA
The Free Encyclopedia

[Main page](#)
[Contents](#)
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[Random article](#)
[About Wikipedia](#)
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[View history](#)



Current research information system

From Wikipedia, the free encyclopedia

A **current research information system** (**CRIS**) is a [database](#) or other [information system](#) to store, manage and exchange contextual metadata for the research activity funded by a research funder or conducted at a research-performing organisation (or aggregation thereof).^[1]

CRIS systems are also known as Research Information Management or RIM Systems (RIMS).^{[2][3]}

Contents [hide]

- [Features](#)
- [Use case](#)
 - [Research assessment](#)
 - [Research administration](#)
 - [Open Science implementation](#)
 - [Business intelligence](#)
- [See also](#)
- [References](#)
- [Further reading](#)
- [External links](#)

Features [\[edit \]](#)

The data model underpinning a CRIS relies on a set of basic entities as defined by the Common European Research Information Format ([CERIF](#)) model maintained by the non-profit organisation [euroCRIS](#).

The links connecting these entities provide a standardised semantic layer that provides consistency to the data model. The basic CERIF entities are **people, organisations, projects and outputs** (publications, research data, patents). Further second-level entities in the comprehensive snapshot of research provided by CERIF are for instance funding, research facilities and equipment or skills.

https://en.wikipedia.org/wiki/Current_research_information_system

CERIF: Common European Research Information Format



Mission

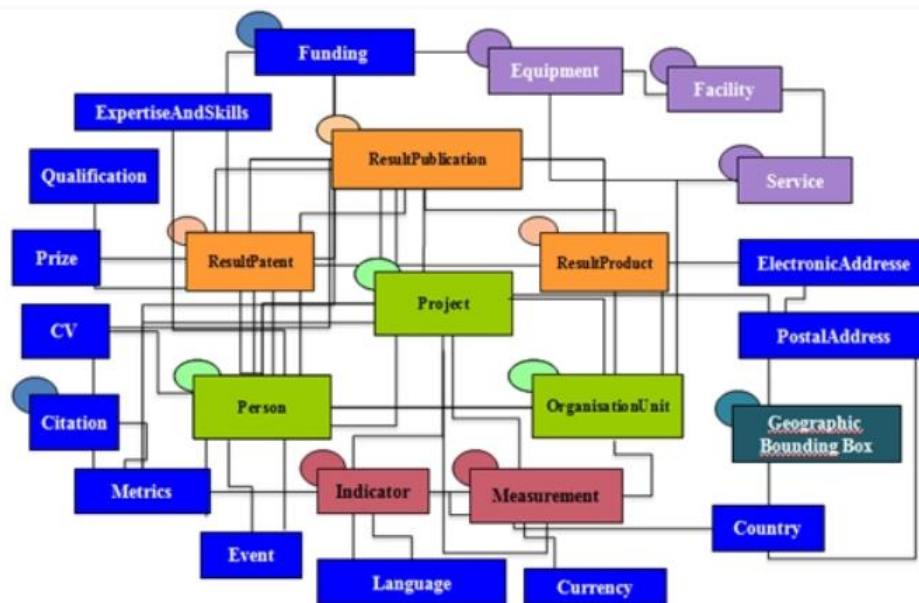
"To promote collaboration within the research information community and advance interoperability through CERIF"



Main features of CERIF

CERIF (the Common European Research Information Format) is:

- A concept about research entities and their relationships – Specification (Conceptual Level)
- A description of research entities and their relationships – Model (Logical Level)
- A formalization of research entities and their relationships – Database Scripts (Physical Level)



Browse

Search the Directory of Research Information System (DRIS)



Discover

Country

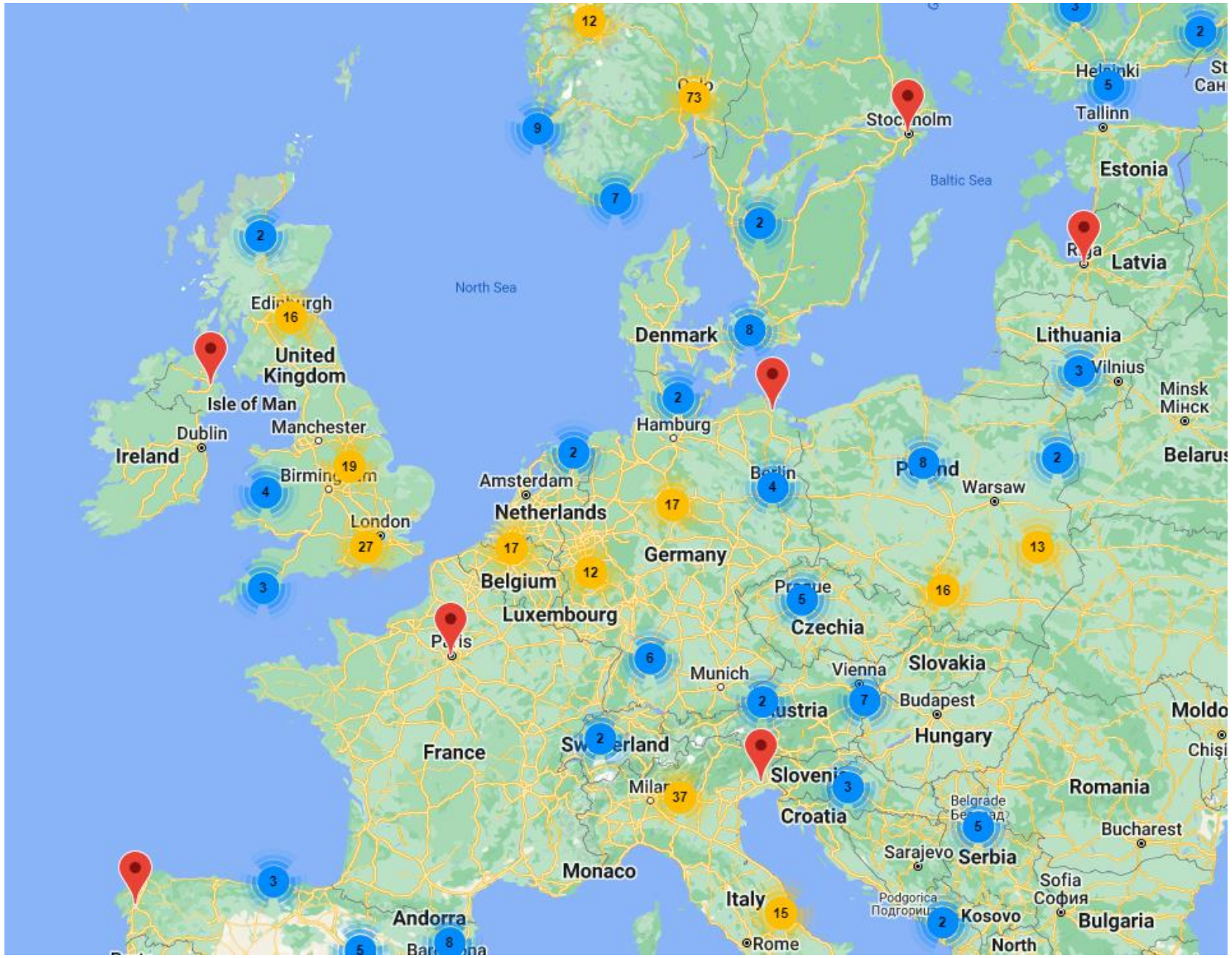
India	362
Norway	132
Italy	76
United Kingdom	72
United States	43

Software

IRINS	361
Pure	172
CRIStin	131
In-house-built	74
IRIS	70

Status

Operational	945
Under Construction ...	22
Closed ...	2
In Preparation ...	1



Advantages of interlinked CERIF entities



Home Profiles Research Units Research output Projects Datasets **Equipment** ...

Search...

Kelvin Hydrodynamics Laboratory

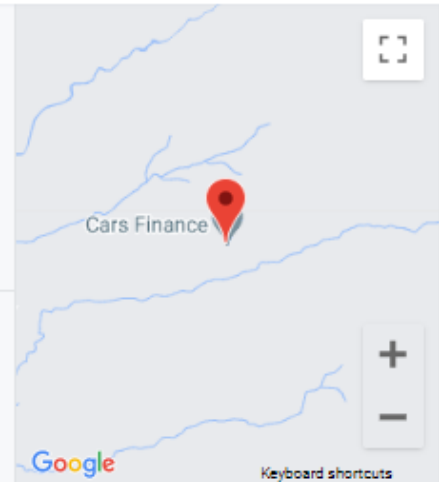
Sandy Day (Manager)

Naval Architecture, Ocean And Marine Engineering

Facility/equipment: Facility

Location

United Kingdom



Overview Fingerprint Research output (12) Datasets (1)

Equipments Details

Contact information

Advantages of interlinked CERIF entities

 Find Research Data



[Advanced search](#)

[< Search in all content](#)

1 - 25 out of 739 results

[Start date \(descending\) >](#)



[Export search results](#)

Filters for Datasets

Publication Year

- ☐ 2022 (7)
- ☐ 2021 (88)
- ☐ 2020 (175)
- ☐ 2019 (155)
- ☐ 2018 (90)

[Show all >](#)

Person

- ☐ J.C.F. de Winter (73)
- ☐ S.P. Hoogendoorn (42)

[COSTA MODEL: Hierarchical carbonate reservoir benchmarking case study](#)

[Geiger, S.](#) (Creator), TU Delft - 4TU.ResearchData, 2022

DOI: <https://doi.org/10.17861/6e36e28d-50d9-4e31-9790-18db4bce6e5d>

Dataset/Software: Dataset

[Code accompanying the paper "Validating human driver models for interaction-aware automated vehicle controllers: A human approach"](#)

[Siebinga, O.](#) (Creator), [Zgonnikov, A.](#) (Creator) & [Abbink, D. A.](#) (Creator), TU Delft - 4TU.ResearchData, 22 Oct 2021

DOI: [10.4121/16847203](https://doi.org/10.4121/16847203), <https://github.com/tud-hri/irlmodelvalidation> and one more link

Dataset/Software: Software

<https://research.tudelft.nl/en/datasets/>

euroCRIS: promoting collaboration



Home

Venue

Call For Proposals

Programme

Registration

Organizers

Contact

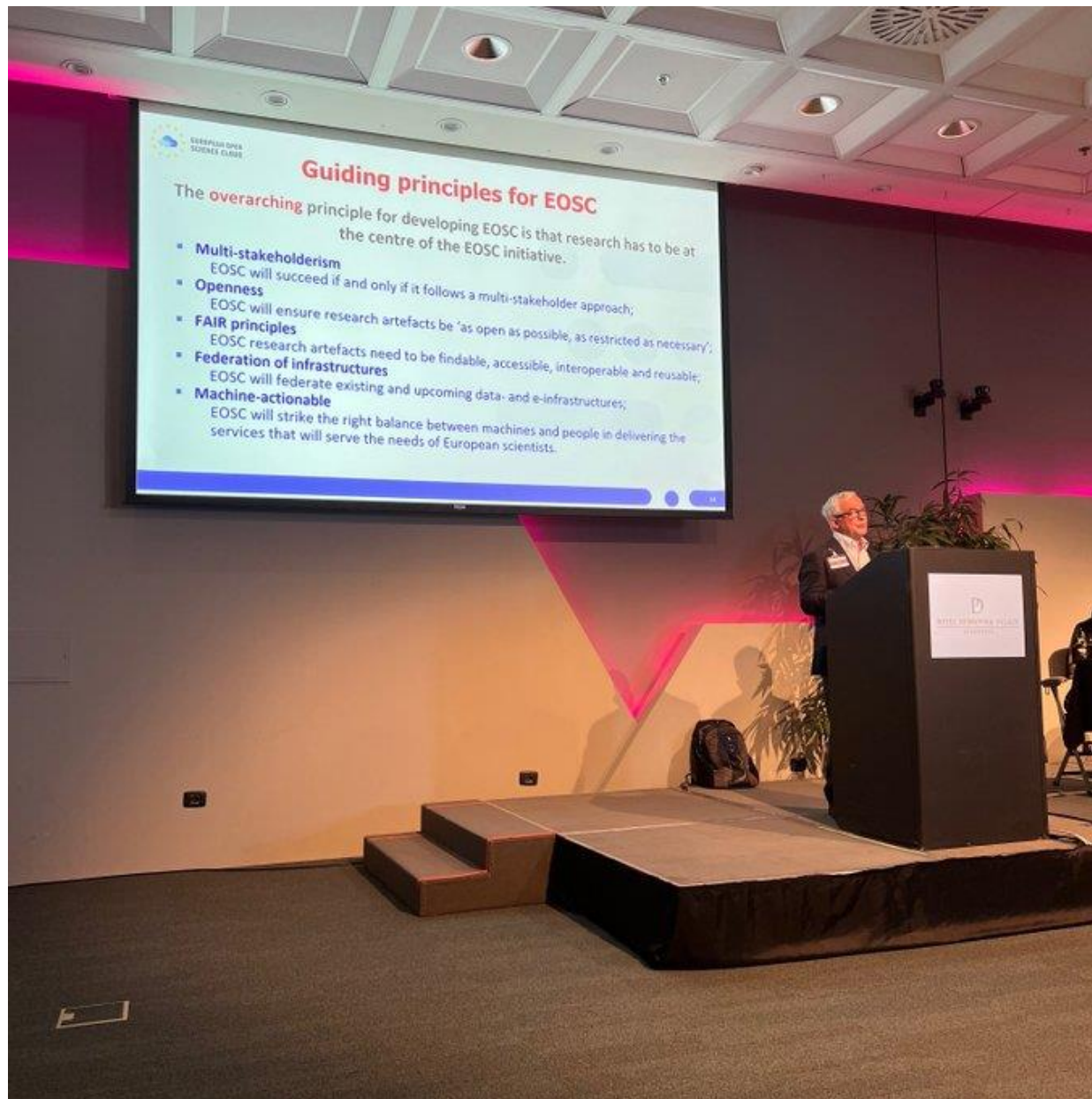


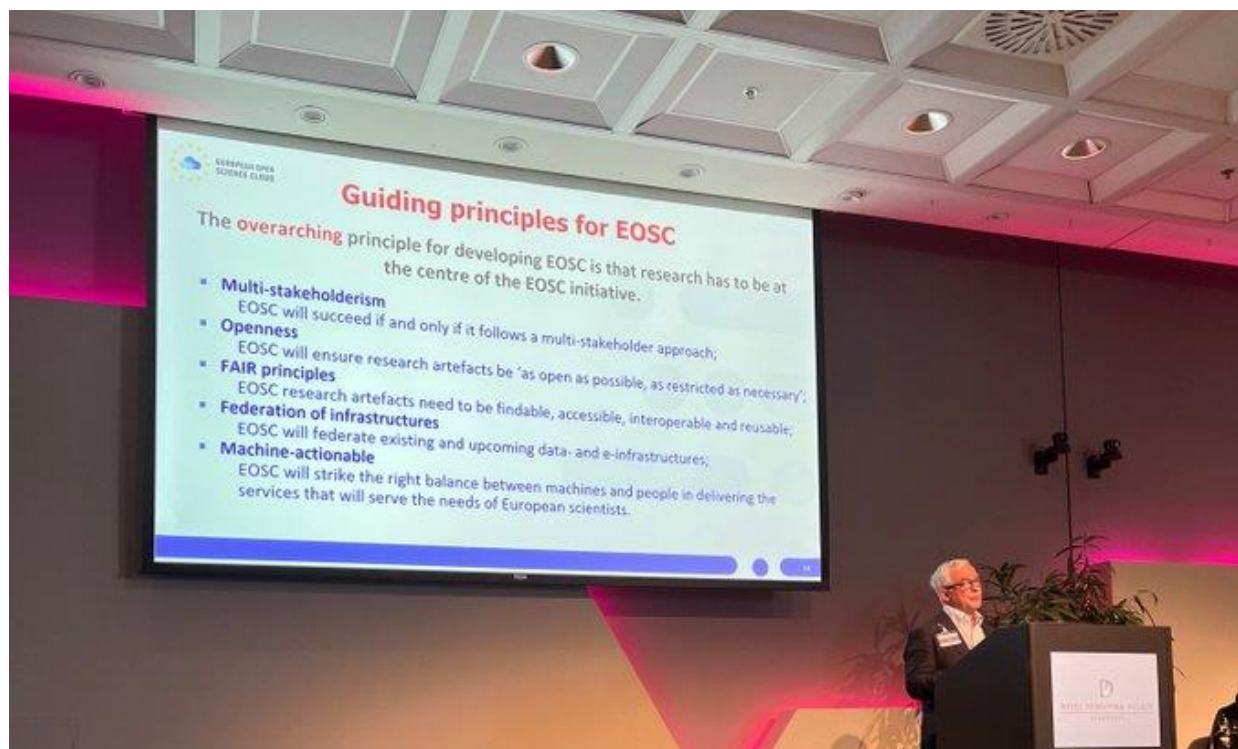
LINKING RESEARCH INFORMATION ACROSS DATA SPACES

15th International Conference on Current Research Information
Systems (CRIS2022)

Dubrovnik, Croatia

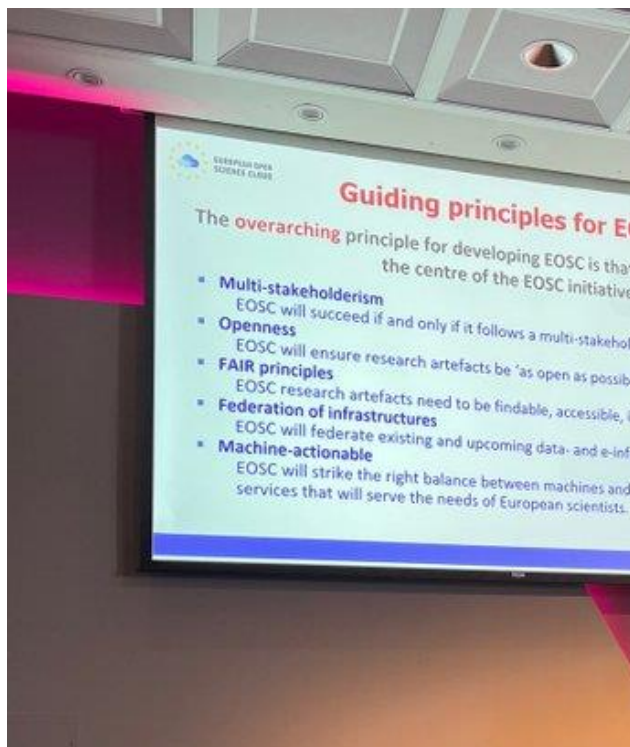
May 12-14, 2022





Keep on dreaming

If in 2040 50% of the **relevant** research data (data, publications and software) would be as **FAIR as possible**, my dream would come true!
(world-wide 😊)



If in 2040 50
publication
possible

← Tweet



euroCRIS_Org
@euroCRIS_Org

...

top-quality panel at the [#RISSynergy](#) WS at [#CRIS2022](#). Good representation for the wide 'family' of European national/regional [#CRIS](#)

[#PRC](#) @rdelavega, [#FRIS](#) IIs de Bal [#ResearchFI](#)
@HPuuska among others



D4RI: Where do we stand?

Key metrics

31 sources¹⁾
... from 21 countries

5.3 million projects
... of 200+ funders

400,000 organisations

750,000 researchers

11 million outputs

Overview of sources

Albania

- E-CRIS

Austria

- FFG
- FWF

Bulgaria

- BulCRIS

Bosnia-Herzegovina

- E-CRIS.BH
- E-CRIS.RS

Switzerland

- ARAMIS
- P3

Czech Republic

- IsVaVAI

Germany

- FoKat
- GEPRIS

Estonia

- ETIS

Spain

- FECYT

EU

- Cordis
- Kohesio

Finland

- ResearchFI

France

- scanR

Croatia

- HRZZ

Hungary

- NFKI
- NRDI

Latvia

- ScienceLatvia

North Macedonia

- E-CRIS

Norway

- CRISTIN

Poland

- RADON

Serbia

- E-CRIS

Sweden

- SWECRIS

Slovenia

- SICRIS

United Kingdom

- UKRI-GTR

Kosovo

- E-CRIS

OpenAIRE

Re-searchAlps

Sources: D4RI Policy
1) Raw, non-unique data

HR-OOZ as a part of EOSC



"We are creating a European Open Science Cloud now. It is a trusted space for researchers to store their data and to access data from researchers from all other disciplines. We will create a pool of interlinked information, a 'web of research data'. Every researcher will be able to better use not only their own data, but also those of others"

Ursula von der Leyen, President of the European Commission

CroRIS – as a Service Catalogue of HR-OOZ





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Thanks!
Any questions?

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