

NEXUS

# Services for Open Science

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ICM UW

# ICM University of Warsaw and its role in OS

- Poland
  - Virtual Library of Science
  - Open Science Platform — services for open science:
    - The Library of Science
    - Data Repositories: Repository for Open Data, Social Data Repository, Macromolecular Xtallography – Raw Data Repository
    - CeON Repository
    - CeON Aggregator

# OPENAIRE

A European infrastructure on open scholarly communication since 2009

**Mission:** Shift scholarly communication towards openness and transparency and facilitate innovative ways to communicate and monitor research.

## Non-profit organization

- Established Oct 2018
- Headquarter Greece, virtual office
- 48 members
- From 34 countries

**IRELAND**  
The Provost, Fellows, Foundation Scholars and other Members of the Board, of the College of the Holy and Undivided Trinity of Queen Elizabeth near Dublin (TCD)

**IRELAND**  
Hospitality University Hospital

**NETHERLANDS**  
Data Archiving and Networked Services

**BELGIUM**  
Leuven University

**LUXEMBOURG**  
University of Luxembourg

**FRANCE**  
University of Lille Library

**SWITZERLAND**  
ERN (European Organization for Nuclear Research)  
Bibliothek der Universität Zürich

**SPAIN**  
Fundación Española para la Ciencia y la Tecnología (FECYT)

**PORTUGAL**  
Universidade do Minho

**AUSTRIA**  
Universität Wien

**SLOVENIA**  
Univerza v Ljubljani (UL)

**ITALY**  
Consiglio Nazionale delle Ricerche (CNR)

**UK**  
JISC

**GERMANY**  
• Universitaet Bielefeld  
• KIM Konstanz  
• University of Göttingen

**DENMARK**  
• Syddansk Universitet  
University of Southern Denmark

**NORWAY**  
• Unit-Direktoratet for IKT og fellestjenester i høyere utdanning og forskning

**SWEDEN**  
• Kungliga biblioteket  
National Library of Sweden

**FINLAND**  
• Helsingin yliopisto (UH)

**ESTONIA**  
• University of Tartu

**LATVIA**  
• University of Latvia

**LITHUANIA**  
• Kauno technologijos universitetas (KTU)  
• Stichting elFL.net

**POLAND**  
• University of Warsaw

**CZECH REPUBLIC**  
• Masaryk University

**SLOVAKIA**  
• Centrum Vedecko Technicky Informacii (CVTISR)- Slovak Centre of Scientific and Technical Information

**UKRAINE**  
• Ukrainian Institute of Scientific and Technical Expertise and Information (UkrISTEI)

**ROMANIA**  
• UEFISCDI (Executive Agency for Higher Education, Research Development and Innovation Funding)

**BULGARIA**  
• Institute of Mathematics and Informatics, Bulgarian Academy of Sciences

**ARMENIA**  
• Institute for Informatics and Automation Problems of the National Academy of Sciences of the Republic of Armenia

**TURKEY**  
• Izmir Institute of Technology (IIT)

**CYPRUS**  
• University of Cyprus Library

**ISRAEL**  
• Bar Ilan University

**GREECE**  
• HEAL-link  
• Athena Research and Innovation Center  
• Library of the University of Piraeus

**REPUBLIC OF NORTH MACEDONIA**  
• Ss. Cyril and Methodius University in Skopje UKIM

**SERBIA**  
• University of Belgrade

**MONTENEGRO**  
• University of Montenegro

**BOSNIA AND HERZEGOVINA**  
• CREDI  
• University of Banja Luka

**MALTA**  
• University of Malta

**HUNGARY**  
• University of Debrecen

**CROATIA**  
• Rudjer Boskovic Institute

# ICM University of Warsaw and its role in OS

- European level
  - currently a member of OpenAIRE AMKE, partner in all previous OpenAIRE projects
  - technical side
    - operation and maintenance of services in the OpenAIRE infrastructure
    - expertise in TDM to produce the OpenAIRE Research Graph

# National Open Access Desk in Poland

- 2020, OpenAIRE National Open Access Workshop on open access policies and RDM requirements and good practices
  - over 90 and 60 participants (two events)
  - a follow-up: creating a network of Open Access Coordinators
- contact point
  - support for researchers in Poland
  - updating information on OS in Poland

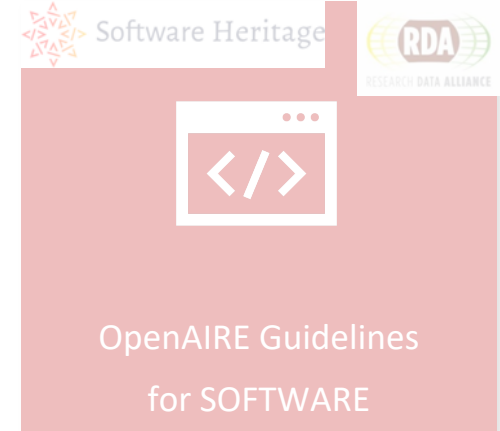
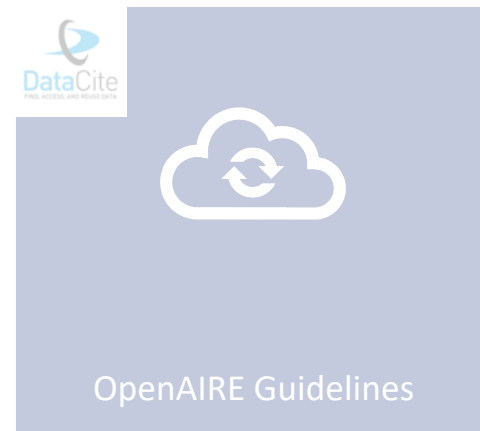
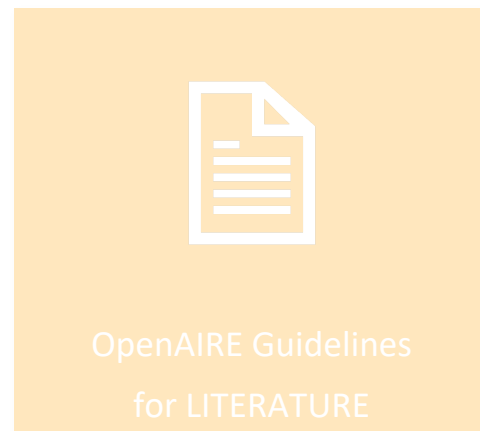
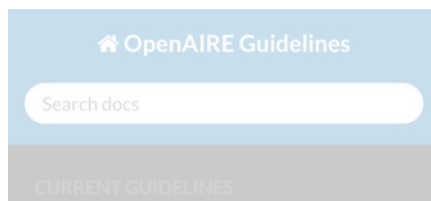


# #1 – Interoperability

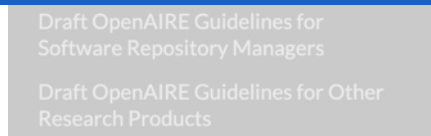
*it's about onboarding, connecting, discovering*

# GUIDELINES FOR CONTENT PROVIDERS

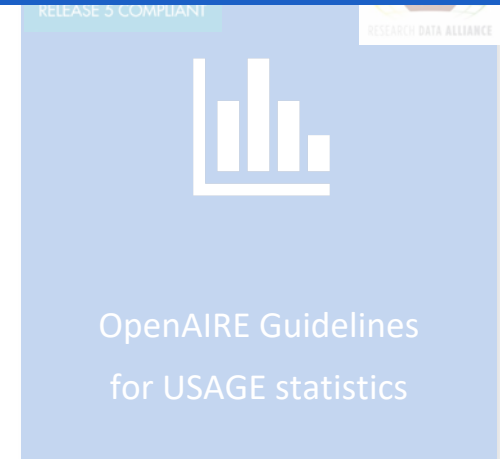
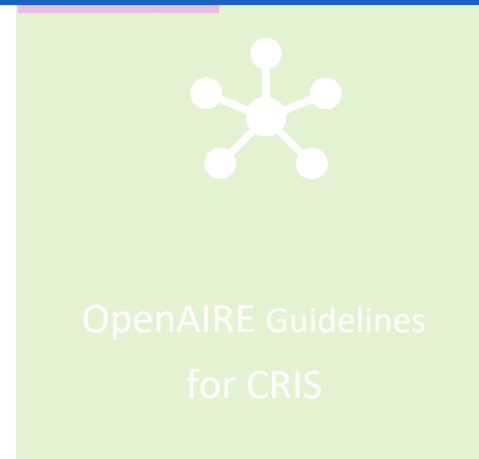
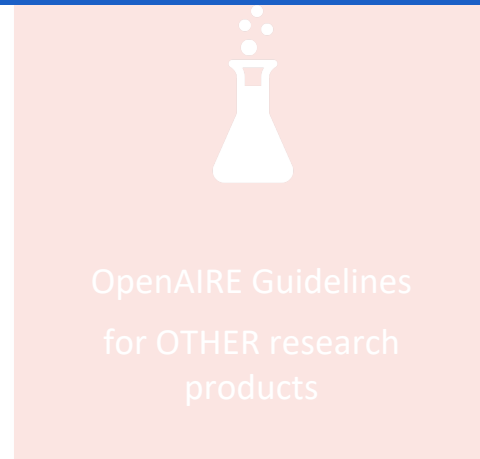
## A COMMON METADATA FRAMEWORK FOR EXCHANGING MIN METADATA INFORMATION



Part of EOSC RoP for Content Providers (EIF). Global adoption.



<https://guidelines.openaire.eu>



# Status – Repositories in Europe

**3,607**

repositories in OpenDOAR and re3data

33.7% validated





# #2 – Services

*for all R&I actors*

# OPENAIRE SERVICES IN A NUTSHELL



1

## **Tracking open research**

Reproducibility and transparency require tracking of all outcomes of science and related "context"



2

## **Discovering open research**

Discovery of reproducible science outcomes must find new ways, driven by "scientific intentions" that go beyond the "find articles related to a research topic"

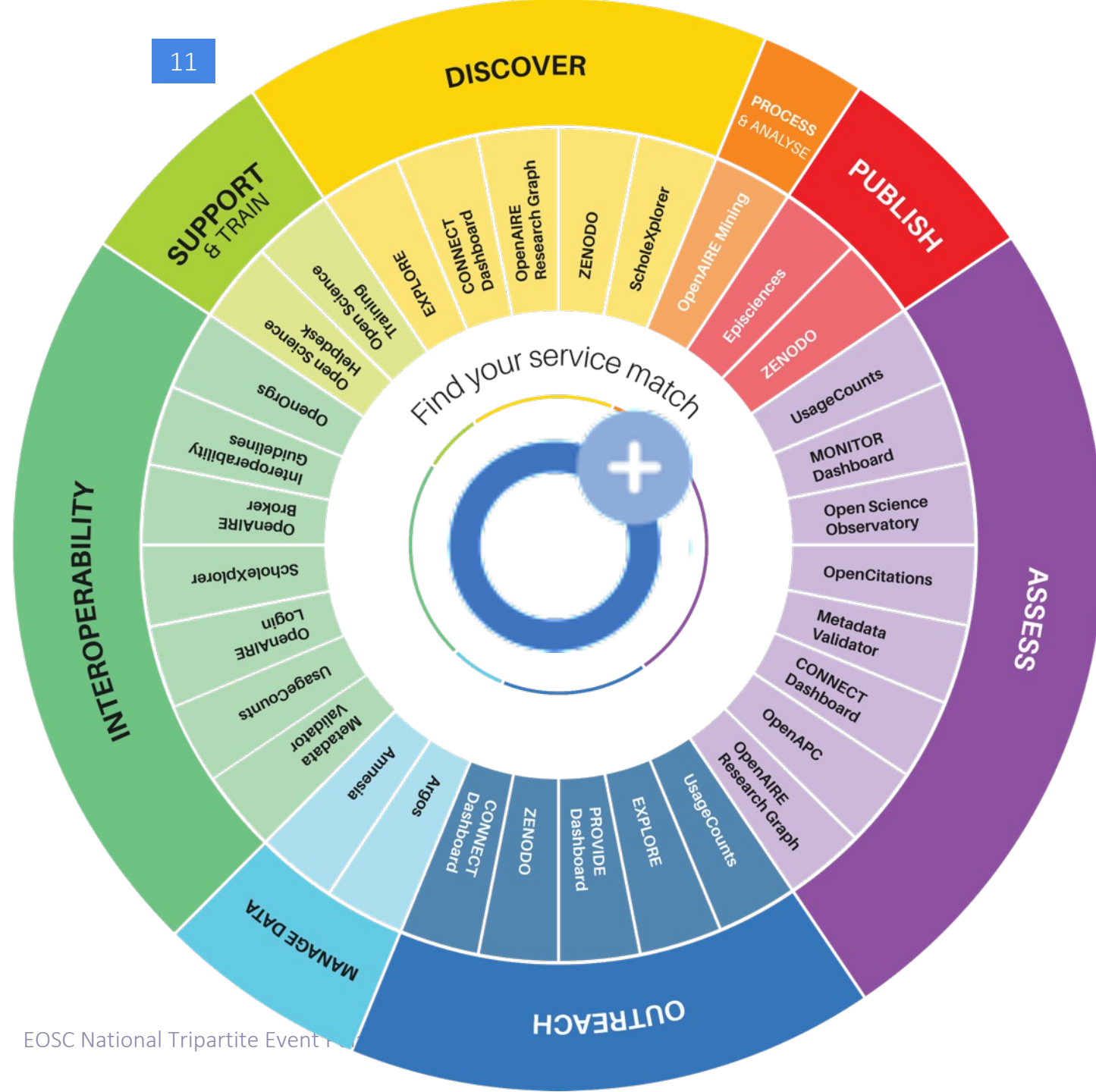


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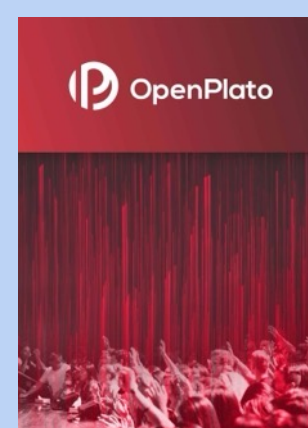
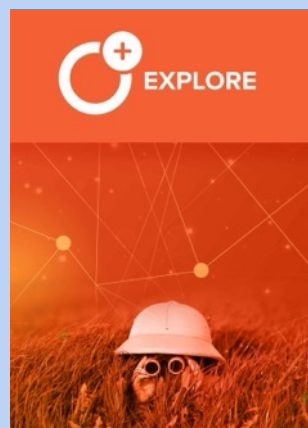
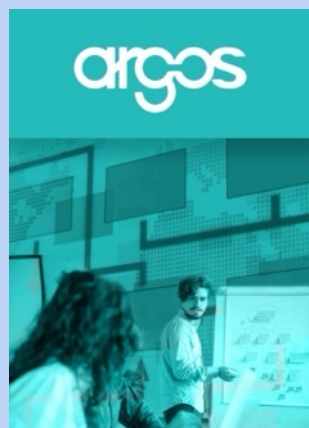
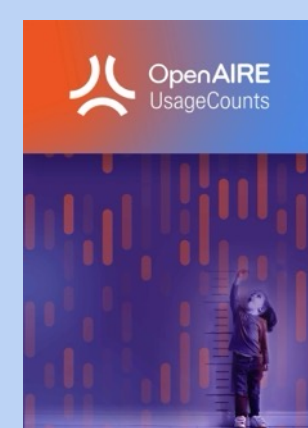
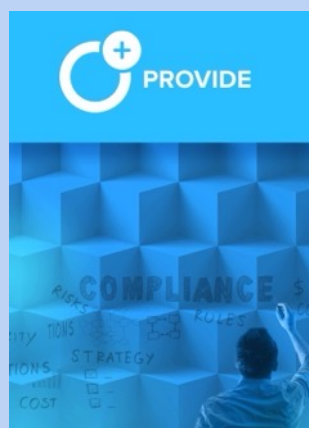
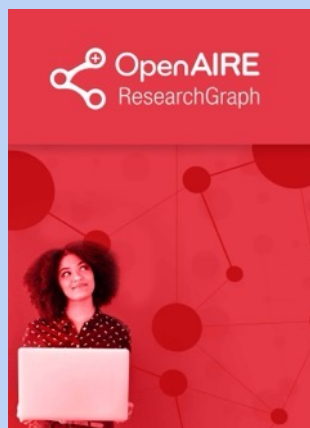
## **Monitoring (open) research**

Monitoring quality, impact, and "open scienceness" of science should be a transparent, reproducible process for all, inclusive of research "context"

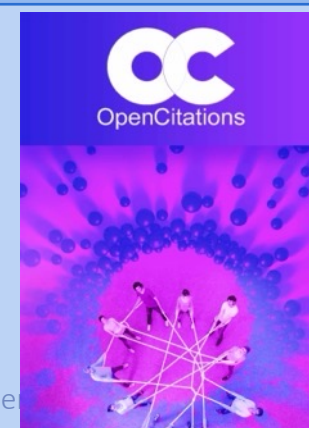
# A RANGE OF SERVICES COVERING ALL RESEARCH LIFE CYCLE







**Scholarly  
communication  
services  
for all**



<http://catalogue.openaire.eu>

# #3 – OpenAIRE services & EOSC

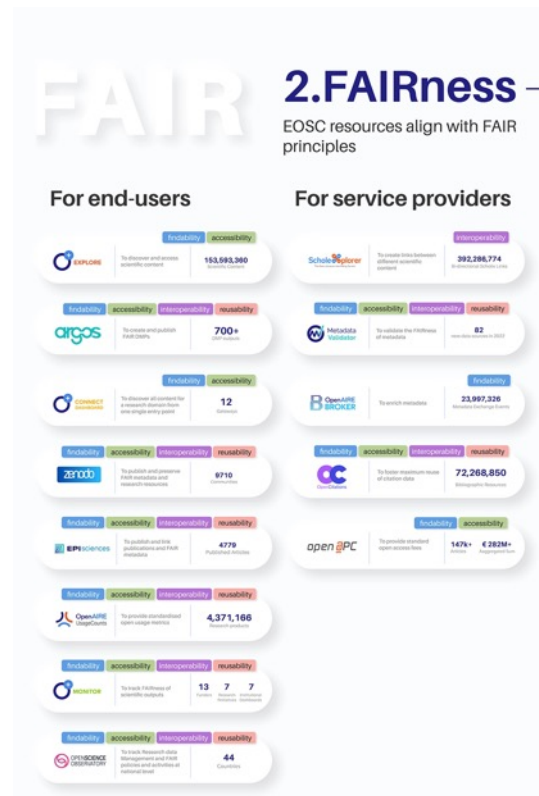
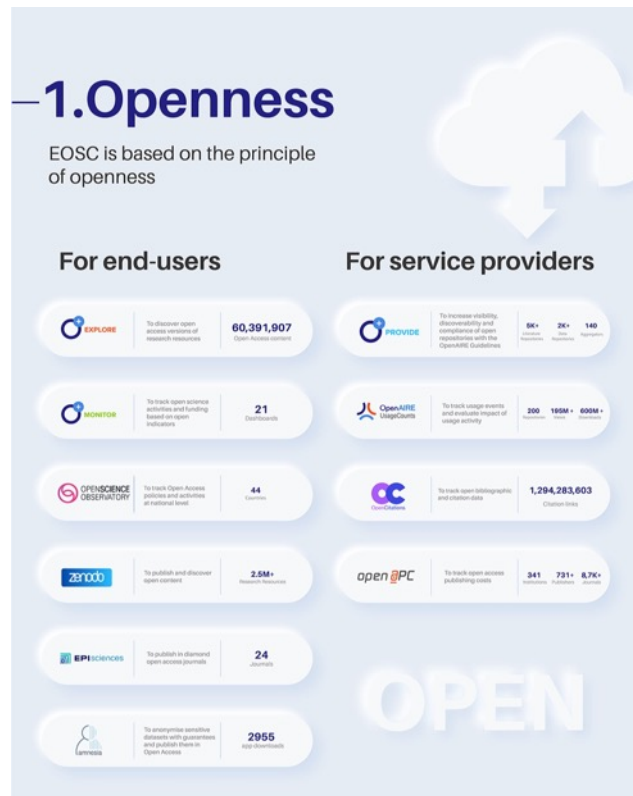
*contributing to the EOSC Core*



# OPENAIRE SERVICES IN EOSC



# OPENAIRE SERVICES IN EOSC



# ICM University of Warsaw and its role in OS

- EOSC Association and Task Forces
- Upskilling Countries to Engage in EOSC
- Defining Funding Models for EOSC
- Rules of Participation Compliance Monitoring
- Infrastructure for Quality Research Software
- PID Policy and Implementation

# Thank you!

Email

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