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The Holy Grail of EOSC integration: synergies to make it happen

Natalia Manola

OpenAIRE, CEO

EOSC Symposium - ENVRIFAIR | Prague | Nov 17, 2022





A few facts and truths

- Open Science is here to stay
- Open Science is multifaceted
- Open Science is costly
- National / institutional approach is crucially important to make Open Science happen. As is the thematic approach.
- Open Science requires a holistic approach: tools, incentives, assessment
- e-Infrastructures and Research Infrastructure are in this together
- Sustainability is a thorny issue. We should find common approaches
- Building trust requires willingness and effort

OpenAIRE Services

OPENAIRE SERVICES IN A NUTSHELL

1

Planning & Tracking

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

2

Discovering

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

3

Assessing & monitoring

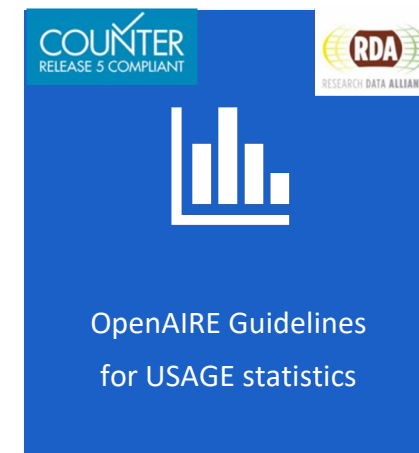
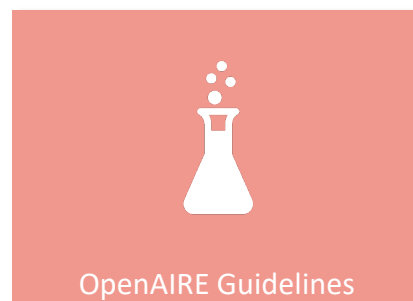
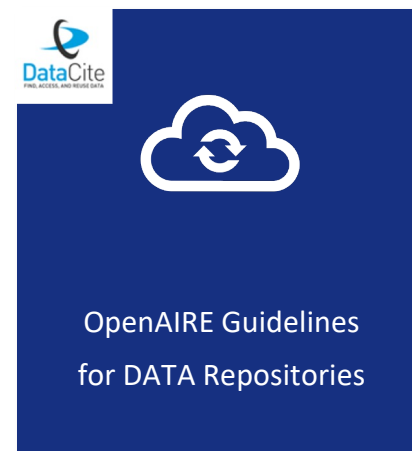
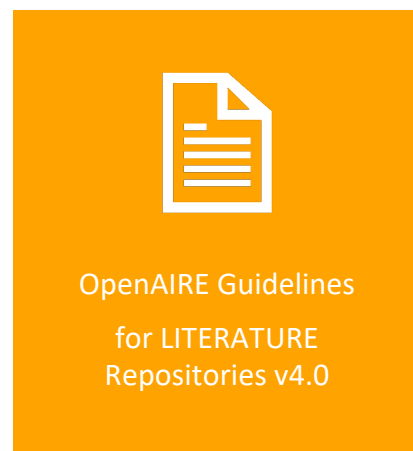
Monitoring quality, impact, and **"open scienceness"** of science should be a transparent, reproducible process for all, inclusive of research "context"

GUIDELINES FOR CONTENT PROVIDERS

A COMMON **METADATA FRAMEWORK** AND BEST PRACTICES



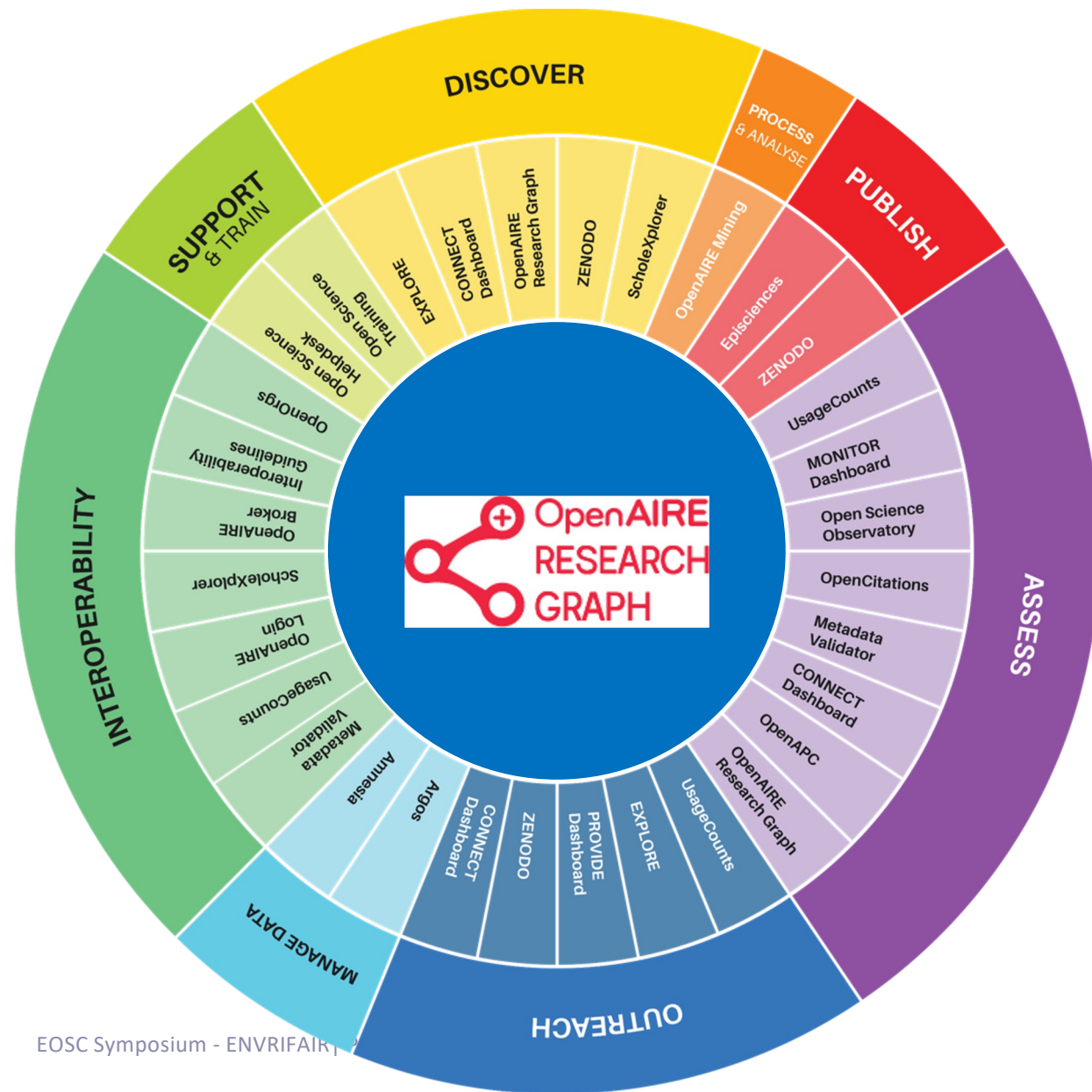
<https://guidelines.openaire.eu>



It's not about integration. It's about interoperation

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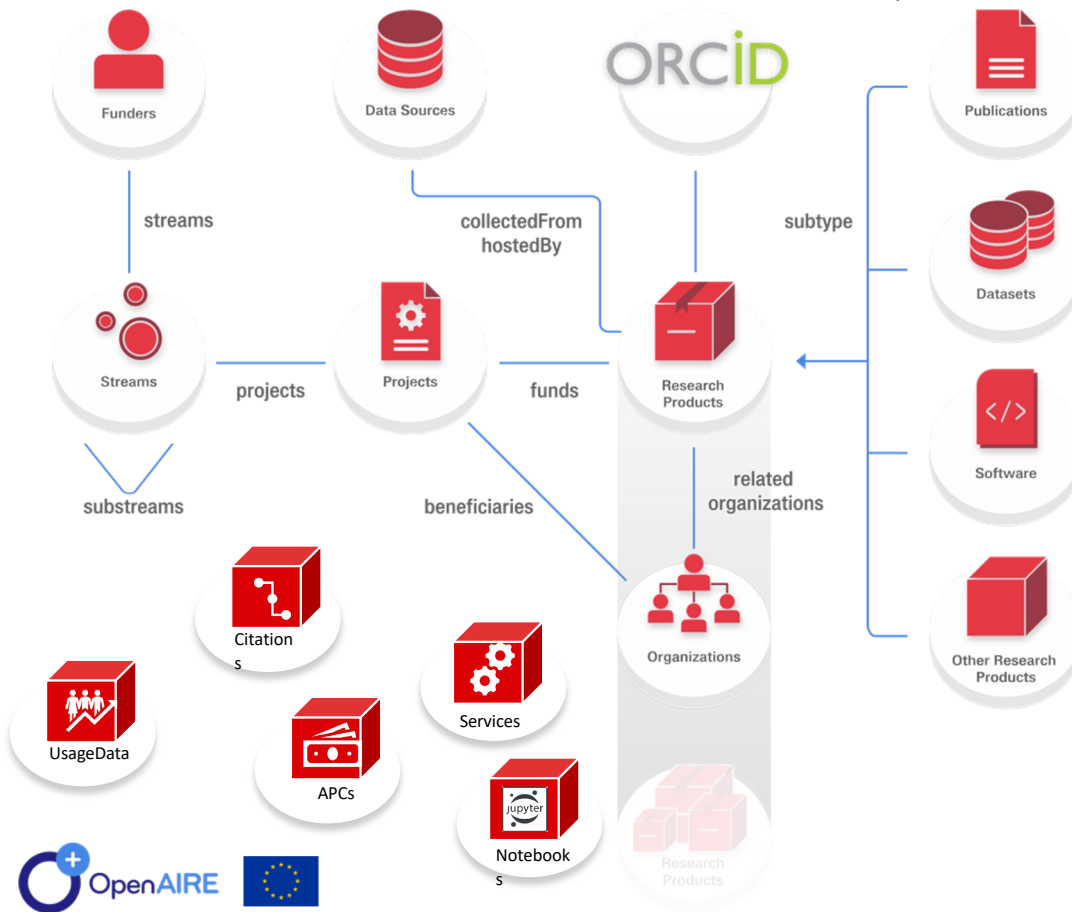
A RANGE OF SERVICES COVERING ALL RESEARCH LIFE CYCLE AND ALL R&I ACTORS



OPENAIRE RESEARCH GRAPH – KEY ASSET IN OPEN SCIENCE

INFRASTRUCTURE

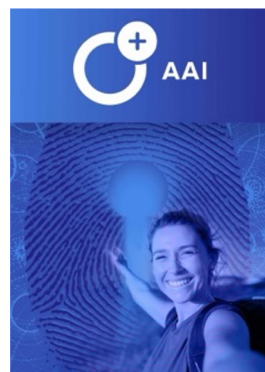
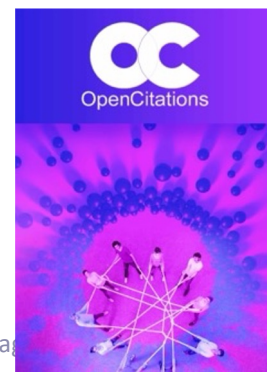
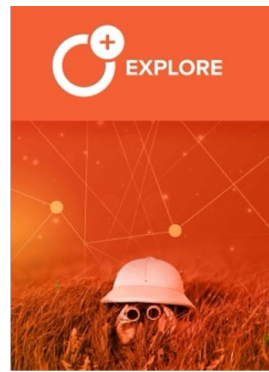
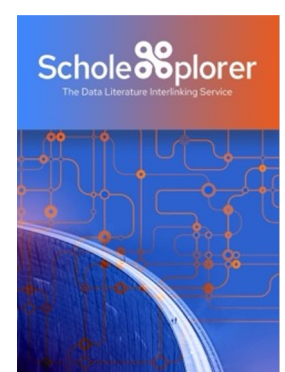
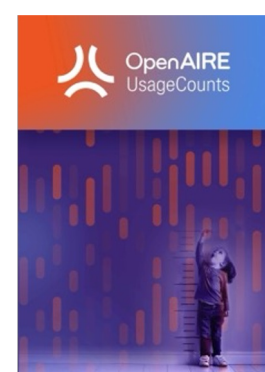
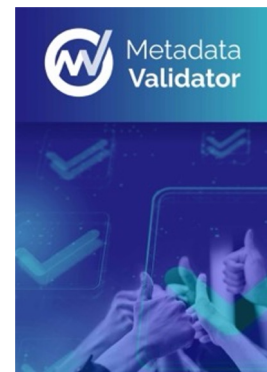
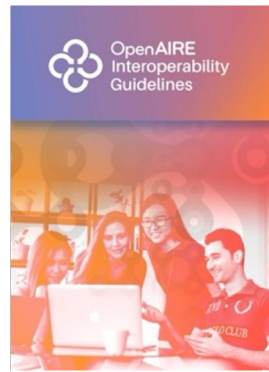
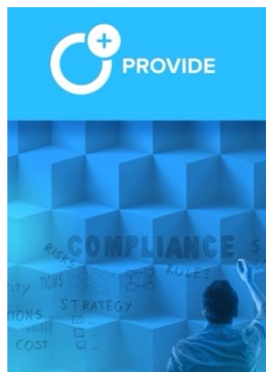
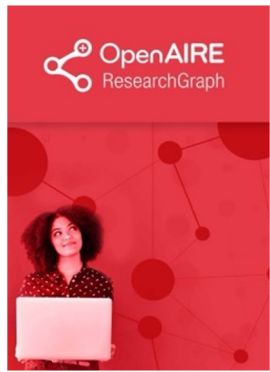
INCLUSIVE, TRANSPARENT, REPRODUCIBLE



- Based on **Open Science principles**: open & authoritative sources, open APIs, well established **metrics**
- **Global** coverage
- Enriched by **AI-processes** - citation, reproducibility, FOS, SDGs, domain specific
- Moving towards **smart discovery**
- High **relevance** to the community

A comprehensive and open dataset of research publications, 18m research data, 305k research sources, linked to 3m grants and 178k organizations. All linked together through citations and semantic relationships.

Enriching
ENVRI FAIR
catalogue



Scholarly communication services for all

<http://catalogue.openaire.eu>

OPENAIRE SERVICES: FROM PUBLISHING TO ASSESSMENT



Building together capacities for Open Science

Working on our human capital

National Approach

National Open Access Desks (NOADs)

A pan-European network to address **diversity** in culture & **maturity** of national/local infras



34 countries

📍 Key national organizations, experts on OA and Open Science

Coordination on

- Policies
- Infrastructure
- Research data management
- Legal issues
- **Support and Training**
- ...

Training and support

- Open Courses for Open Science
 - Focus is on **quality** and **adaptation**
- Training **bootcamps**
- **Community of Practice** for trainers
- Collaborating on Horizon Europe training (including Marie Curie)



Towards fruitful collaborations

Email

Natalia.manola@openaire.eu

Twitter

[@nataliamanola](https://twitter.com/nataliamanola)

THANKS