



Research Libraries, Researchers & the EOSC: Southern European Landscape



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The Role of libraries in EOSC: **powering Open and FAIR science and** **offering trusted services**

Pedro Príncipe, University of Minho | 18/01/2021 | LIBER Workshops - Interaction Between Research Libraries & EOSC

Research & Academic Libraries and the EOSC



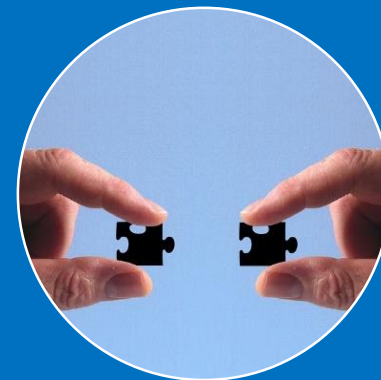
CONTENT PROVIDERS

Enabling Open Science practices and FAIR data implementation.



SERVICE PROVIDERS

Improving skills, offering training and facilitating trusted tools and services.



NATIONAL INFRASTRUCTURES

Aligning OS & FAIR data policies and building synergies within national roadmaps.





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The Role of Libraries in EOSC

Research and academic LIBRARIES ARE KEY to enable Open Science practices and FAIR data implementation within the EOSC development.

- Libraries staff and services have a significant role to support national and research infrastructures or research performing organizations:
 - improving skills and new technologies adoption,
 - offering trusted tools and services,
 - building synergies with data centers and infrastructures and
 - aligning Open Science policies.





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CONTENT PROVIDERS – ensuring the O of EOSC

Be an active part of the main content providers infrastructures.

- **Institutional and thematic repositories, data archives and other research products repositories managed by libraries should be part of the main content providers of EOSC**
 - ensuring presence in the **OpenAIRE infrastructure** is crucial.

Libraries need:

- to focus more and more on **interoperability** (metadata, PIDs),
- to invest more on supporting self-archiving services or practices of **research software**,
- to ensure that **research artifacts/products** are not lost,
- to build synergies with **research communities data** services

CHALLENGES





SERVICE PROVIDERS – offering training

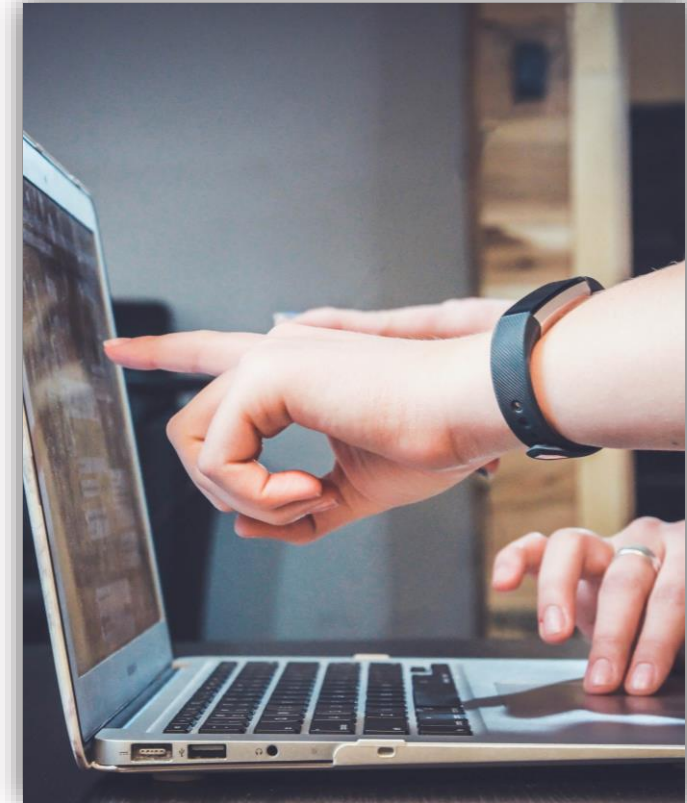
Be an active part of the training infrastructure to support EOSC - connecting the EOSC with core users.

- Open Access, Open Data, RDM and FAIR data training programs and resources from Libraries must be a relevant component of the support networks of EOSC
- ensuring that Libraries/Institutions or libraries networks became **training service providers** with training materials available in EOSC portal.

Libraries need:

- to benefit from train-the-trainers activities within EOSC related projects,
- to be active on the definition of requirements of the EOSC training platform/catalogue.

CHALLENGES



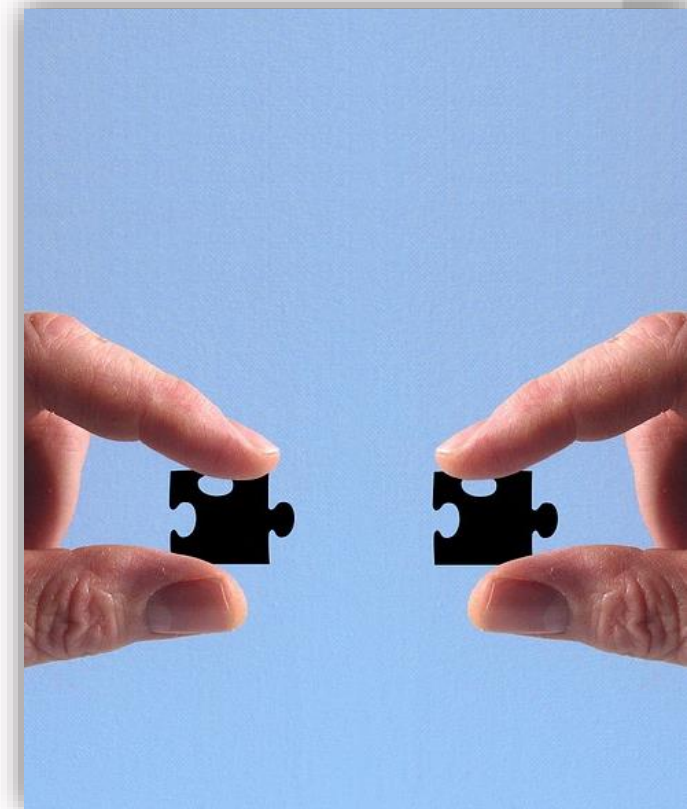
NATIONAL INFRASTRUCTURES – aligning policies

Be an active and key player in the development of national EOSC implementation plans, Research infrastructures roadmaps, Open & FAIR Science policies.

- Working at national level on the alignment of policies and synchronization of EOSC services and infrastructures and
 - building **synergies** with data centers, research communities.

Libraries need:

- CHALLENGES**
- to focus on FAIR data certification of repositories and services.
 - to invest on tools and practices towards FAIR.





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“Inclusiveness is thus a critical keyword for success:

repositories and services should be incentivised and supported to improve their data management practices and in their **journey towards FAIR,**

to provide and get the maximum benefit from EOSC.”

Recommendations on certifying services required to enable FAIR within EOSC - Report from the EOSC Executive Board Working Group (WG) FAIR Task Force (TF)
<https://op.europa.eu/en/publication-detail/-/publication/70aa74b5-53bf-11eb-b59f-01aa75ed71a1/language-en/format-PDF/source-184009543>



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Thank you!

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