Working Group Platforms and Services

A web of services for Open Access

Principles for an Open Scholarly Infrastructure

o **Governance**: a system to ensure that the central services *serve the community*, not themselves or certain interest groups, to ensure that they are responsive to changing needs, etc.;

o **Sustainability**: central services will need to have *sustainable resources* to meet their obligations and create trust;

o **Insurance**: the *central services need to be open* to create confidence and allow the community to retain control.

OA infrastructure as a web of services

"The fundamental challenge for the implementation of OA policies is the need to develop a fully functioning OA infrastructure from the current disparate collection of services"

(Rob Johnson and Mattia Fosci, 2016)

➢ OA infrastructure should be based on a **web of services** relying closely on each other and that can't be considered independently from each other

➢ **6 categories** of services that support potentially the implementation of OA policies

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Table 3: OA service categories and subcategories

Category	Function	Subcategories	Example services and activities
Underpinning services	Storage for scholarly outputs, unique identifiers, metadata and standards	Storage Identifiers Standards Metadata	ORCID FundREF NISO DOI
Abstracting /indexing (A&I) tools	To bring together, organise and systematise OA articles published from various platforms, allowing easy discovery and access from the public	N/A	DOAJ PubMed Directory of Open Access Books (DOAB) OpenAIRE BASE
Support and dissemination services	To provide information on various aspects of OA, from the generic (its rationale and objective) to the specific (individual journal and funder policies), and assist with capacity building	News / current awareness services Information / enabling services Business and technical planning advice Policy advisory services	SHERPA (Juliet, RoMEO) OpenDOAR
Repository services	To allow the deposit and discoverability of publications in OA repositories, enabling compliance with OA archiving policy provisions	Subject/national/ international repositories Repository software/ builders/hosting services/ registries Preservation services Repository infrastructure and interoperability	DSpace EPrints Europe PubMedCentral ArXiv Zenodo Fedora
OA publishing services	Services that support or facilitate OA publishing, and non-commercial facilitators of APC payments	Fees agents APC data collection OA publishing platforms	Open Journal System Quality Open Access Market (QOAM) ESAC
Monitoring services	To allow funders and institutions to monitor the effectiveness and impact of OA policies	Impact metrics (citations) Usage analysis tools	IRUS-UK ROBOT

Services portfolio

1. UNDERPINNING SERVICES
1.1 HIRMEOS project : identifiers, metadatas
1.2 Research for society platform
2. ABSTRACTING/INDEXING TOOLS
2.1 Certification service
Certification service in Hirmeos project
DOAB development
2.2 Discovery service
2.3 Support for Web publishing

Services portfolio

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3. SUPPORT AND DISSEMINATION SERVICES
3.1 Support for best practices adoption
3.2 Support for Standards implementation
3.3 Support for Open Access Business models
3.3.1 Journal Flipping Mechanism
Lingoa prototype
Support to FairOA alliance
3.3.2 Library Based Business Model
3.3.3 OA Market place

Services portfolio

4.OPEN ACCESS PUBLISHING SERVICES
4.1 Publishing toolbox service
4.1.1 Publishing tools catalogue
4.1.2 Publishing toolbox
4.1.3 Documents and trainings
5.MONITORING SERVICES
5.1 Open access Books Metrics

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Thank you for your attention.