



OpenAIRE-KISTI Collaboration

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OpenAIRE Collaborations via COAR



Government of Canada

IRDB 學術機関リポジトリデータベース
Institutional Repositories DataBase



LA Referencia
Red de repositorios de acceso abierto a la ciencia



OpenAIRE-KISTI agreement: Tasks

Task 1: Identification and description of use-cases

Task 2: Delivery of the use-cases: software and services

Task 3: Cost analysis and sustainability plan for use-case integration

Task 4: Short-term and long-term goals on the roadmap of Open Science for Korea: a “manifesto”

Jul 2018

Oct 2018

Oct 2018

Oct 2018

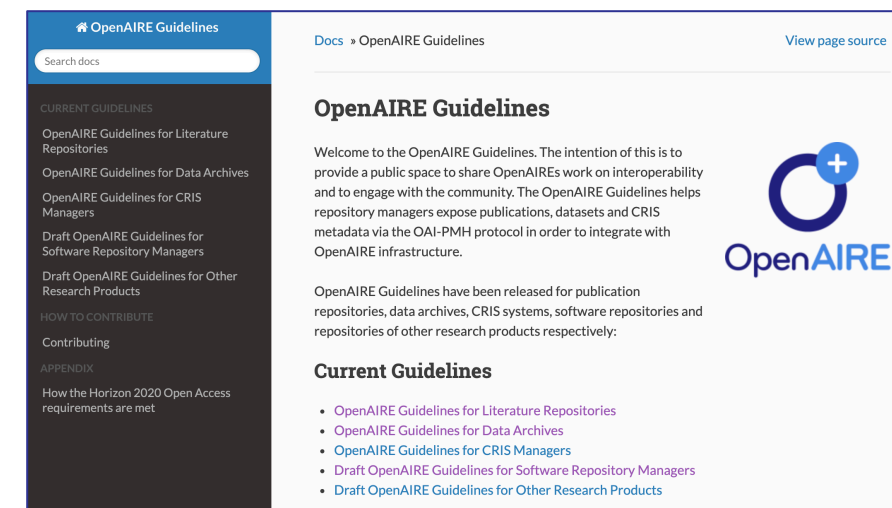
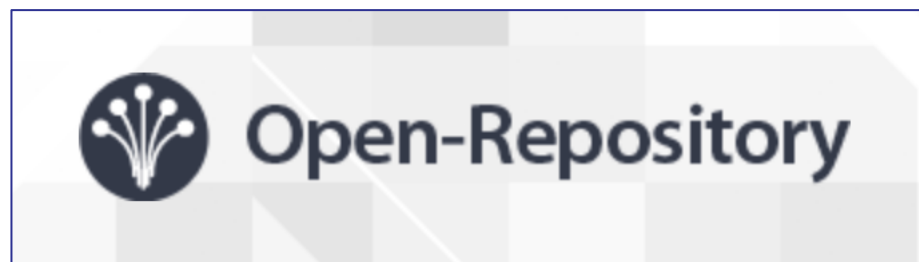
Tasks 1 & 2

Use cases identification & delivery

Use-cases: phase 1



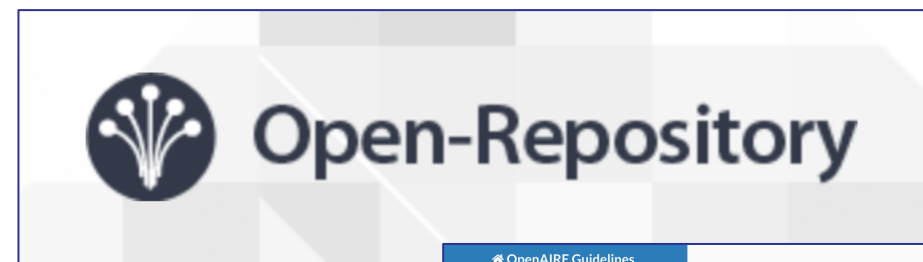
Support and adoption of OpenAIRE guidelines



Use-cases: phase 2



Harvesting Metadata



OpenAIRE Guidelines

Docs » OpenAIRE Guidelines [View page source](#)

Search docs

OpenAIRE Guidelines

Welcome to the OpenAIRE Guidelines. The intention of this is to provide a public space to share OpenAIREs work on interoperability and to engage with the community. The OpenAIRE Guidelines helps repository managers expose publications, datasets and CRIS metadata via the OAI-PMH protocol in order to integrate with OpenAIRE infrastructure.

OpenAIRE Guidelines have been released for publication repositories, data archives, CRIS systems, software repositories and repositories of other research products respectively:

Current Guidelines

- [OpenAIRE Guidelines for Literature Repositories](#)
- [OpenAIRE Guidelines for Data Archives](#)
- [OpenAIRE Guidelines for CRIS Managers](#)
- [Draft OpenAIRE Guidelines for Software Repository Managers](#)
- [Draft OpenAIRE Guidelines for Other Research Products](#)

HOW TO CONTRIBUTE

Contributing

APPENDIX

How the Horizon 2020 Open Access requirements are met

OpenAIRE | EXPLORE

SEARCH SHARE

KISTI Open Repository

PUBLICATION REPOSITORY AGGREGATOR OPENAIRE 3.0 (OA, FUNDING)

OAI-PMH: <http://open-repository.kisti.re.kr/oai/openaire> →

Countries: Korea (Republic of)

Publications (13,695)	+
Research Data (0)	+
Software (0)	+
Other Research Products (0)	+
Organizations (1)	+
Related Content Providers	+
Statistics	+
Metrics	+

Share - Bookmark

407 views in OpenAIRE

0 views in local repository

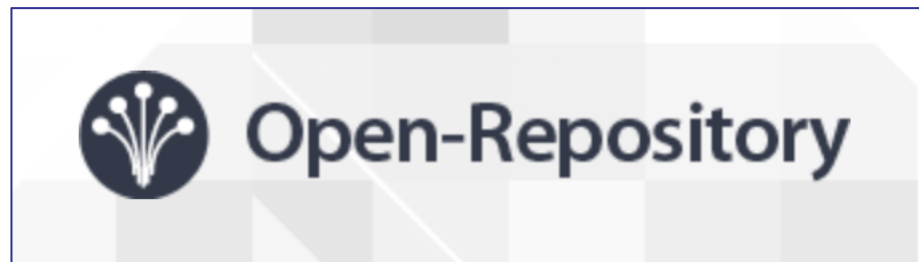
0 downloads in local repository



Use-cases: phase 3



Broker Service
Feedback



Topic	#
ENRICH/MORE/OPENACCESS_VERSION	12380
ENRICH/MORE/PID	11343
ENRICH/MORE/SUBJECT/MESHEUOPMC	3886
ENRICH/MISSING/SUBJECT/MESHEUOPMC	2457
ENRICH/MORE/SUBJECT/JEL	876
ENRICH/MORE/SUBJECT/ARXIV	840
ENRICH/MISSING/SUBJECT/ARXIV	580
ENRICH/MORE/SUBJECT/ACM	550
ENRICH/MISSING/PROJECT	442
ENRICH/MISSING/SUBJECT/ACM	263
ENRICH/MISSING/SUBJECT/JEL	165
ENRICH/MISSING/ABSTRACT	28
ENRICH/MORE/SUBJECT/DDC	19
ENRICH/MISSING/SUBJECT/DDC	17
Total	33846



Use-cases: phase 4



Collect metadata from
OpenAIRE APIs



The screenshot shows the 'OpenAIRE | DEVELOP' page. At the top right is an 'OVERVIEW' link. A red-bordered box contains a warning: 'Openaire XML Schema has been changed! Please [click here](#) to learn more!'. Below this, text states: 'The OpenAIRE API allows developers to access the metadata information space of OpenAIRE programmatically.' and 'If you have any question, please open a ticket to the [OpenAIRE Helpdesk](#).' Three main sections are visible: 'Bulk access' (with sub-items 'OAI-PMH' and 'Bulk access to projects'), 'Selective access via HTTP API' (with sub-items 'Publications', 'Research data', 'Software', 'Other Research Products', and 'Projects'), and 'Linked Open Data' (with sub-items 'Documentation', 'OpenAIRE LOD Ontology', 'OpenAIRE RDF dump', and 'SPARQL endpoint').



Task 3

Costs and sustainability model

Task 3 – Costs analysis and sustainability

- Estimate costs for each of the tasks / subtasks

- Propose a costing

EC infrastructures

- Setup costs
- Maintenance and operation mechanisms)

- Work on unit cost
Months (FTEs)

Use case 1		ADOPT, ADAPT AND IMPLEMENT OPENAIRE GUIDELINES FOR LITERATURE, DATASET, SOFTWARE REPOSITORIES	
Annual costs.			
A. Estimated other direct costs	Direct costs for the setup and operation the project life-time (e.g. maintenance, utilities, consumable costs)		Costs (€)
	Setup costs		
	Hardware costs		
	Software licences, libraries, etc. as put in the proposal		
	Online Subscriptions to services		
		Total A	0,00
		<i>of which subcontracting (A')</i>	
B. Estimated personnel direct costs	Category of staff ^[1]	Person-Months	Personnel Costs (€)
	Operation and Monitoring		
	Data related operations		
	Maintenance (software upgrade for new technologies, scaling)		
	Evaluation/Assessment		
	Support		
	Coordination/Management		
	Open AIRE staff - support/technical		
		Total B	0,00
C. Indirect eligible costs 25% x ((A-A')+B)			0,00
D. Estimated costs = A+B+C			0,00

Task 4

Short and long term Open Science roadmap for S. Korea

Task 4 – Open Science Roadmap

- What policies should be in place for whom and what key points they need to look at to implement
- **Policy recommendations** and **high-level action plans** (prioritized)
- **Implications for**
 - Infrastructures, funders, institutions, research communities

Collaboration -

An ongoing effort that goes beyond project deadlines, as

OpenAIRE values global

synergies

Worth it?





Thank you!

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