**OpenAIRE Guidelines**

**Task group**

# OpenAIRE Tech. Workshop

## on Interoperability

OpenAIRE

# **Repositories** Institutional & Thematic
## History of an evolution of Guidelines Series

- **DRIVER Guidelines v2 ( 2008 )**
  - **Normalizing the use of DC elements and OAI-PMH transfer protocol**
  - **OAI-Set "driver" -> records about Open Access publications**
  - **introduction of vocabularies (using `info:eu-repo/semantics` namespace)**

- **OpenAIRE Guildelines v1 ( 2010)**
  - **OAI set "`ec_fundedresources`"**
  - **extension of the vocabularies (access rights, embargo period)**
  - **Identifier scheme for project information (limited to ec funded resources**

- **OpenAIRE Guidelines v2 ( 2012 )**
  - **support of OAI aggregators**
  - **Identifier scheme that can be applied on (any) funder/funding scheme/grant-id**

# **Repositories** Institutional & Thematic

## Does the community use the Guidelines ?

- **Indication: by analysing values in dc:type** (kindly provided by F.Summann, UNIBI)

  - Top 100 values from 3000 OAI-repositories covering ~50 Mio records

| Publication type | No. of records | No. of repositories |
|---|---|---|
| info:eu-repo/semantics/article | 1283612 | 204 |
| info:eu-repo/semantics/conferenceItem | 415420 | 11 |
| info:eu-repo/semantics/bookPart | 265001 | 51 |
| info:eu-repo/semantics/publishedVersion | 218792 | 159 |
| info:eu-repo/semantics/report | 162787 | 46 |
| info:eu-repo/semantics/bachelorThesis | 161877 | 35 |
| info:eu-repo/semantics/doctoralThesis | 149863 | 90 |
| info:eu-repo/semantics/book | 137358 | 66 |

# **Repositories** Institutional & Thematic

## New Requirements -> New Guidelines

- **What changes in the eco-system ?**

  - **Merge of DRIVER and OpenAIRE Information Spaces**

  - **Extend of scope of data sources (research data, CRIS)**

  - **Funding schemes beyond EC-FP7**

- **what would OpenAIREplus like to collect?**

  - **-> all Open Access Content with or without funding/project information**

  - **-> any other content with funding/project information**

# **Repositories** Institutional & Thematic

## Impact on repositories

- **What does it mean for already participating repositories ?**

  - keep  Status Quo !

  - Be either compliant with the DRIVER Guidelines and or the OpenAIRE v1/v2 guidelines

- **And for newly joining repositories ?**

  - introduction of a new OAI-Set "openaire" (replacing "~~driver~~", "~~ec_fundedresources~~")

  - -> indicate Open Access status in dc:rights using vocabulary

  - -> indicate funding information in dc:relation

# **Repositories** **Institutional & Thematic**

## Challenges

- ❑ Vocabularies – choice and maintenance
- ❑ Encodings of IDs
  - ✓ Grant, funder IDs
- ❑ Author IDs

# Repositories Institutional & Thematic

## Arguments for the Guidelines

- **helps to identify Open Access content in repositories**

- **exposes related information from repositories**

- **allows 3rd parties to build sophisticated services using the metadata**

- **Keeps it simple, relies on normalized flat format (DC),**

- **make link to data and research information systems**

    - **in the metadata**

    - **by referencing the guidelines for research data repositories and CRIS**

OpenAIRE

# **Data Archives**

OpenAIRE Guidelines for Data Archive Managers

- ✓ <u>Based on the DataCite Metadata Schema v2.2</u>
  - ✓ Example: Creator (Year): Title. Publisher. DOI.
- ✓ <u>OpenAIRE Guidelines:</u>
  - ✓ Datasets related to peer-reviewed articles
  - ✓ + Date, Description, Funding, Access rights, Related datasets and publication

# Data Archives

## Access rights

```
<rights>info:eu-repo/semantics/openAccess</rights>
<rights>http://creativecommons.org/licenses/zero/1.0</rights>
```

## Funding information

```
<contributor contributorType="Funder">
        <contributorName>European Commission</contributorName>
        <nameIdentifier nameIdentifierType="info">
            info:eu-repo/grantAgreement/EC/FP7/282896
        </nameIdentifier>
</contributor>
```

# Data Archives

## Related datasets and publications

```
<relatedIdentifier relatedIdentifierType="DOI"
relationType="IsReferencedBy">10.1234/foo.bar</relatedIdentifier>
```

# CRIS

## euroCRIS CERIF-XML

- ✓ OpenAIRE internal data model is CERIF compatible.
- ✓ CERIF-XML – standard for data exchange
- ✓ How can CRIS and OpenAIRE exchange data?
  - ✓ Application profiles, guidelines?