

# 19<sup>th</sup> Community Call

## OPENAIRE CONTENT PROVIDERS MANAGERS

- > Recent and Upcoming developments
- > Ongoing developments in the OpenAIRE interoperability guidelines and validator



# AGENDA:

1) OpenAIRE Provide updates

2) Main topics for discussion

- ❖ Recent and Upcoming developments
- ❖ Ongoing developments in the OpenAIRE interoperability guidelines and validator

3) Discussion

Notes & Agenda ⇒ <https://bit.ly/2rTgJwy>





# OpenAIRE PROVIDE – recent news & reminders

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## Index and stats update – info

Content updated on the portals: 9 Feb.

Follow up the OpenAIRE aggregation:

[www.openaire.eu/aggregation-and-content-provision-workflows](http://www.openaire.eu/aggregation-and-content-provision-workflows)

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## Terms of Use update

Updates in the Dashboard interface  
(during march).

Request to accept terms of use  
including fulltext aggregation

*Stay tuned.*

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## Index update and the aggregation history dashboard information

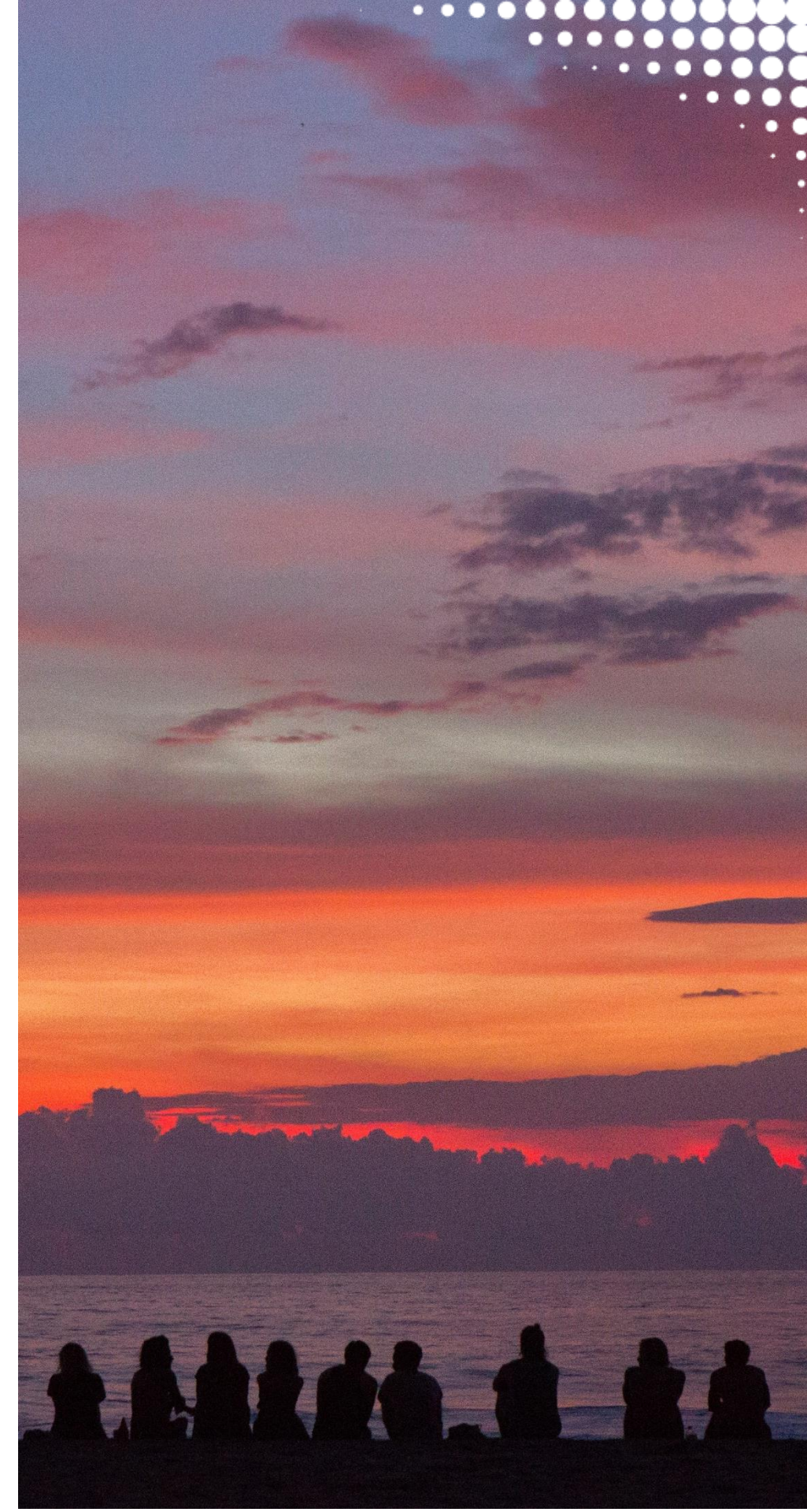
Help text improved.

- Content update dates in the OpenAIRE portals
  - Describing the metadata aggregation stages
- 

## CRIS systems registration

Ongoing developments to deploy the  
new registration interface.

*To be released soon.*



# Aggregation History – improvements

OpenAIRE

PROVIDE

R

Register

V

Validator

N

Notifications

REPOSITORIES

Comunicação e Sociedade

H2D: Revista de Humanidades Di...

DataRepositoriUM

Universidade do Minho: Reposit...

Repositório de Estudos da Identid...

Universidade do Minho: RepositoriUM

DASHBOARDUPDATEAGGREGATION HISTORYENRICHMENTSUSAGE COUNTS

Content updated on the portals: 2022-02-09. More information [here](#).

Aggregation stage  
TRANSFORM

2022-02-28

Aggregation stage  
COLLECT

Collection mode  
REFRESH

Number of records  
74190

2022-02-19

Aggregation stage  
TRANSFORM

2022-02-11

Aggregation stage  
COLLECT

Collection mode  
REFRESH

Number of records  
74022

2022-02-28

Indexed version

Info / Help

This page provides you with information about the metadata aggregation stages of your datasource. For each aggregation stage (COLLECT and TRANSFORM) is presented the aggregation date, the number of records collected and transformed as well the collection mode (REFRESH or INCREMENTAL).

**Aggregation stage**

**COLLECT:** Stage in which OpenAIRE collects the metadata records from your datasource.

**Collection mode**

**REFRESH**

Harvesting of all metadata records.

**INCREMENTAL**

Harvesting of metadata records from a specific time-range (the new records since the previous collection date).

**Aggregation stage**

**TRANSFORM:** After collection, metadata are transformed according to the OpenAIRE internal metadata model, which is used to generate the final OpenAIRE Research Graph that you can access from the OpenAIRE portal and the APIs. The number of transformed records may decrease taking into account the compatibility of the metadata with the OpenAIRE guidelines.

How often is the OpenAIRE Research Graph published?

The [OpenAIRE Research Graph](#) is published at least once every 2 months.

OpenAIRE

European Commission

Community Call for Content Providers / 2 Mar. 2022

4



# Index and stats update

## Index and stats update:

Next update to be published by April 2022

Available on the portal	Start date	Notes
2022-02-09	2022-01-16	Content updated on the portals. News: - DOIBoost with dumps from Crossref, ORCID and Microsoft Academic Graph updated at December 2021 - New indicators available in OpenAIRE MONITOR Dashboard and Open Science Observatory
2021-12-14	2021-11-25	Content updated on the portals.
2021-11-03	2021-10-12	Content updated on the portals.
2021-09-27	2021-09-20	Content updated on the portals.
2021-08-14	2021-08-09	Content updated on the portals. - Re-introduced previous identifiers for FCT projects in agreement with the PTCRIS team - PIDs are assigned to records only when provided by a source that is authoritative for the PID (e.g. Crossref and Datacite for DOIs, PubMed for PubMed ids). PIDs available in records collected from other sources are mapped as alternate identifiers. - New indicators for MONITOR
2021-07-28	2021-07-14	Content updated on the portals. - Introduced curated organizations via OpenOrgs - Integrated FCT projects via the new official database <a href="#">PTCRIS</a> ; full-text mining identified more than 50K research products (vs previous 40K) funded by FCT; the alignment to official grant codes caused a temporary decrease of the links between products and old FCT projects collected from repositories

## CLARIFICATION

Not yet formally communicated

The OpenAIRE Research Graph will be updated / published at least once every 2 months.

# Upcoming developments in PROVIDE

## CRIS systems registrations

- Workflow defined and UI under implementation (to be released soon)

## Guidelines: FAIR evaluation

- The next step for the FAIR assessment Validator

## EOSC research product catalogue registration

- OpenAIRE Provide is the gateway (more information in upcoming calls)



# OpenAIRE Guidelines for institutional and thematic Repository Managers v4.1-rc1

**Draft version  
Under review**

OpenAIRE Guidelines for institutional and thematic Repository Managers  
latest

Search docs

Introduction  
Use of OAI-PMH  
Application Profile Overview  
FAIR enabled

Docs » OpenAIRE Guidelines for institutional and thematic Repository Managers v4.1-rc1

## OpenAIRE Guidelines for institutional and thematic Repository Managers v4.1-rc1

These guidelines describe the application profile v4.1-rc1 for institutional and thematic Repository managers to be compatible with OpenAIRE.

- Introduction
- Use of OAI-PMH
- Application Profile Overview
- FAIR enabled

### How to contribute

Your feedback, esp. as a repository manager, is important for us. You can provide us feedback using the following channels:

- by commenting in our feedback document at [https://docs.google.com/document/d/1aFWrkBO\\_f\\_GTWTAfco4uoUphEbtOOdJVD\\_2ohYw7Ek/edit#bookmark=id.5suud9f7uqc2](https://docs.google.com/document/d/1aFWrkBO_f_GTWTAfco4uoUphEbtOOdJVD_2ohYw7Ek/edit#bookmark=id.5suud9f7uqc2) (no account needed)
- by creating an issue in our guidelines GitHub repository (you need to have a GitHub account): <https://github.com/openaire/guidelines-literature-repositories/issues>
- by making annotations on the guidelines pages (you need to have an account for <https://web.hypothes.is/>): just highlight some text and you can annotate the document
- by sending an e-mail to: [guidelines@openaire.eu](mailto:guidelines@openaire.eu)

Next ➞

<https://openaire-guidelines-for-literature-repository-managers.readthedocs.io/en/latest/>

# OpenAIRE Guidelines for institutional and thematic Repository Managers v4.1-rc1

## What's new

In comparison with previous versions of the Guidelines, this version introduces the following major changes, since v4.0:

- covering of FAIR principles elements
- proof of concept: enhancement of provenance information of with **repositoryId's** and **repositoryName's** for Aggregators
- add new value to controlled relationType vocabulary: **IsPublishedIn** and is adopted from DataCite Schema v4.4.
- Note on OAI-PMH repository *batch\_size*





# OpenAIRE PROVIDE **FAIR assessment tool**

# FAIR assessment functionality

Will be integrated  
in the OpenAIRE  
validator tool

No need to register  
the datasources in  
order to run the  
FAIR assessment

First version will  
focus on data  
objects

# FAIR models/metrics

## RDA - FAIR Data Maturity Model. Specification and Guidelines.

(<https://doi.org/10.15497/rda00050>)

- 41 Guidelines

## FAIRsFAIR Data Object Assessment Metrics

([https://docs.google.com/document/d/1jLlsqHmtnHxYmG\\_FZJ07yYraU5QMLzz2dw2CPPYr3q0/](https://docs.google.com/document/d/1jLlsqHmtnHxYmG_FZJ07yYraU5QMLzz2dw2CPPYr3q0/))

- 17 Guidelines (stripped FAIR Data Maturity Model)



# FAIRsFAIR Data Object Assessment Guidelines

## Guidelines for Findable

- Identifiers (Globally unique and persistent)
- Metadata:
  - includes descriptive information about a data object (core elements: creator, title, data identifier, publication date etc.)
  - includes the identifier of the data it describes
  - is offered in such a way that it can be retrieved by machines

## Guidelines for Accessible

- Metadata:
  - contains access level and access conditions of the data
  - remains available, even if the data is no longer available

# FAIRsFAIR Data Object Assessment Guidelines

## Guidelines for Interoperable

- Metadata:
  - is represented using a formal knowledge representation language
  - uses semantic resources
  - includes links between the data and its related entities

## Guidelines for Reusable

- Metadata:
  - specifies the content of the data
  - includes license information under which data can be reused
  - includes provenance information about data creation or generation (creator, contributors, date, and version, modification date, etc.)
  - follows a standard recommended by the target research community of the data.
- Data is available in a file format recommended by the target research community.

# FAIRsFAIR Data Object Assessment functionality

- (%) Score for the FAIRness
- Evaluate the score from the OpenAIRE data object validator
- Applicable depending on their content (e.g. Metadata remains available, even if the data is no longer available is difficult to apply)
- Set specific weights to each guideline based on their eligibility, importance.



# Q&A

# Community Calls

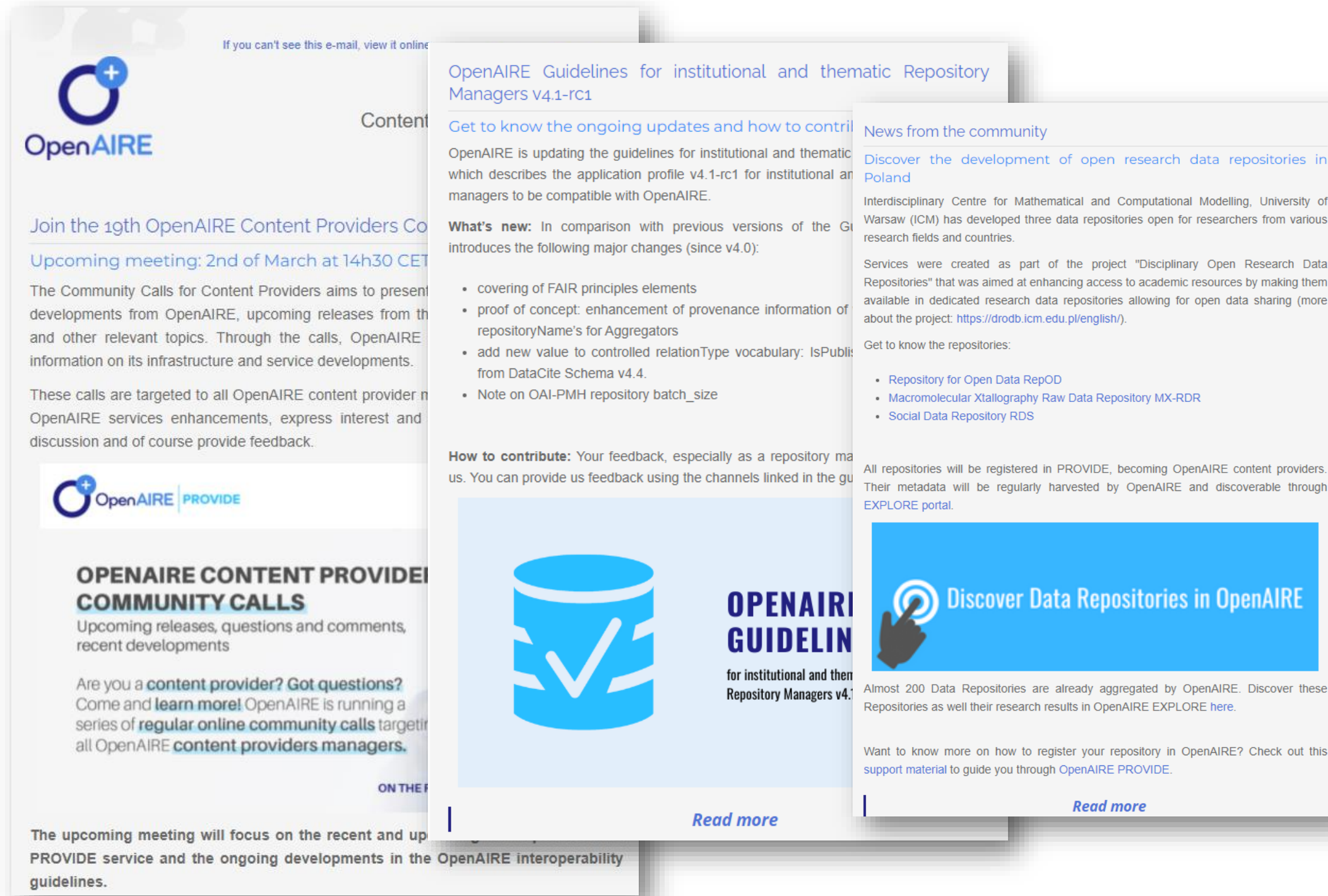
Upcoming calls & Agendas		Notes & Recordings	
March 2nd, 2022	—	March 2nd, 2022	+
<b>Main topics:</b>		February 2nd, 2022	+
<ul style="list-style-type: none"><li>• Ongoing developments in the OpenAIRE interoperability guidelines</li><li>• Recent and upcoming developments from PROVIDE service</li></ul>		November 3rd, 2021	+
<b>Time:</b> 2:30 PM - 3:30 PM CET		October 6th, 2021	+
<b>Call link:</b> <a href="#">Zoom</a>		June 2nd, 2021	+
May 4th, 2022	+	May 5th, 2021	+
April 6th, 2022	+	April 7th, 2021	+
June 1st, 2022	+	March 3rd, 2021	+
		February 3rd, 2021	+
		2020	+
		2019	+

2022 calls already  
scheduled.  
Book in your calendar.

#OpenAIREprovidecommunity

Join us!

# Subscribe to our newsletter!







# Thank you!

[www.openaire.eu/provide-community-calls](http://www.openaire.eu/provide-community-calls)