OpenAIRE and Open Access – Increase the impact and visibility of your research

November 18, 2022

12:00-13:30

ONLINE

Agenda

- PSC / RESPONSE dissemination and publication channels
- RESPONSE - OpenAIRE Explore gateway
- Blog – Engaging in a Science and Policy Dialogue

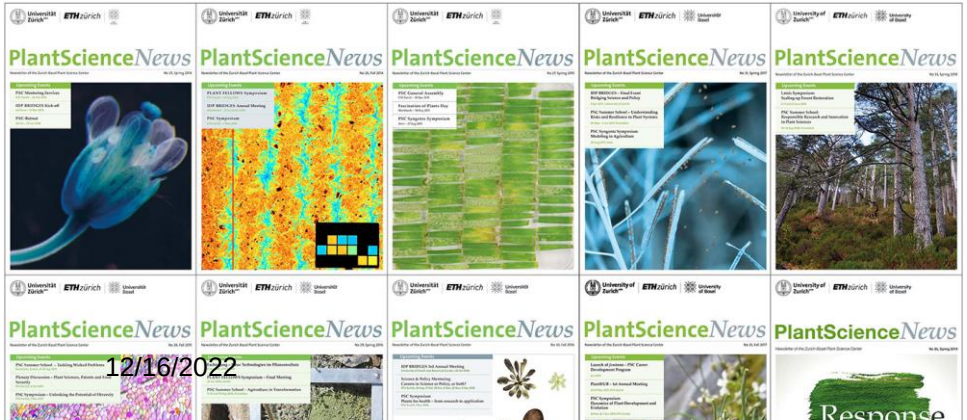
The invited lecturer André Hoffmann:

- Data Services and Open Access office at the Main Library (UZH).
- Publishing infrastructures and requirements.
- EU open data and open access obligations (H2020, RESPONSE).
- Resources for increasing the visibility of your research and related outputs.

PSC / RESPONSE Dissemination and Publication Channels

Opportunities for highlighting your research in curated formats of PSC and all partners:

- Response Webpage
- PSC Newsletter
- Response Social Media (Twitter, LinkedIn, Facebook from PSC – WFSC – ESC – cross-listed)



Blog – Engaging in a Science and Policy Dialogue

This blog post: 50 hits, increasing…

- Increase the visibility of results for policy and public.
- Contributions in German or English.
- Featured articles can also be published in Energy Science Center Blog, WFSC Blog

https://blogs.ethz.ch/Science_and_Policy/

Blog – Engaging in a Science and Policy Dialogue

How do we proceed?

You have an idea or a recent output/outcome?

↓

You get in contact with us for a discussion or send us a draft.

We have an idea or spotted your recent output/outcome?

↓

We get in contact with you.

↓↓

Consolidate and finalise the article.

↓

We publish the article.

↓

Promotion via PSC/ESC/WFSC channels.

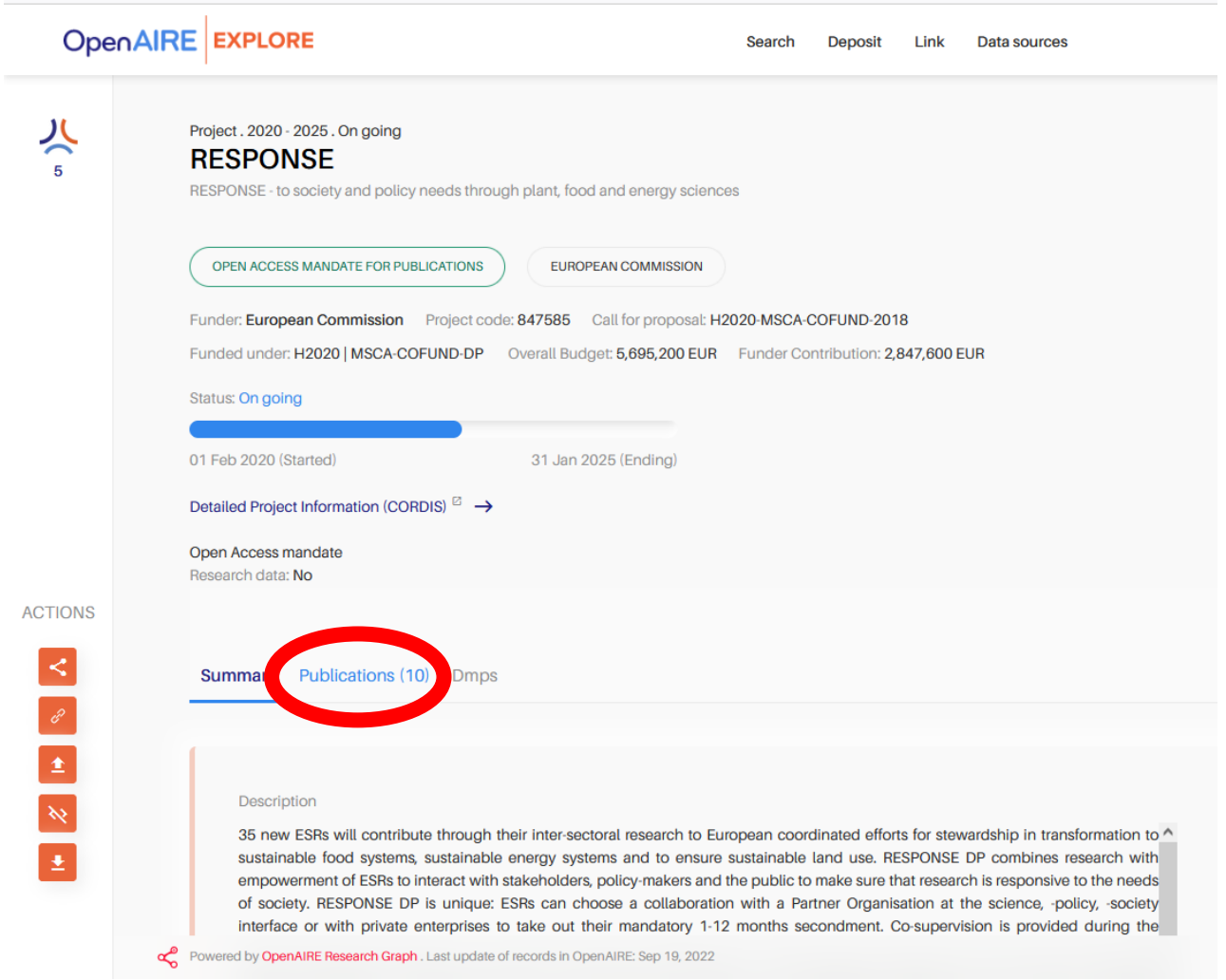
←

Promotion via your channels (Blog / social media, etc.).

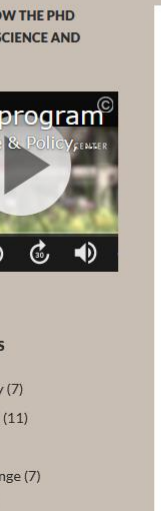
RESPONSE - OpenAIRE Explore gateway

Increase your visibility by using networks strategically!

RESPONSE
OpenAIRE



Curated Channels as OpenAIRE create Visibility



www.openaire.eu

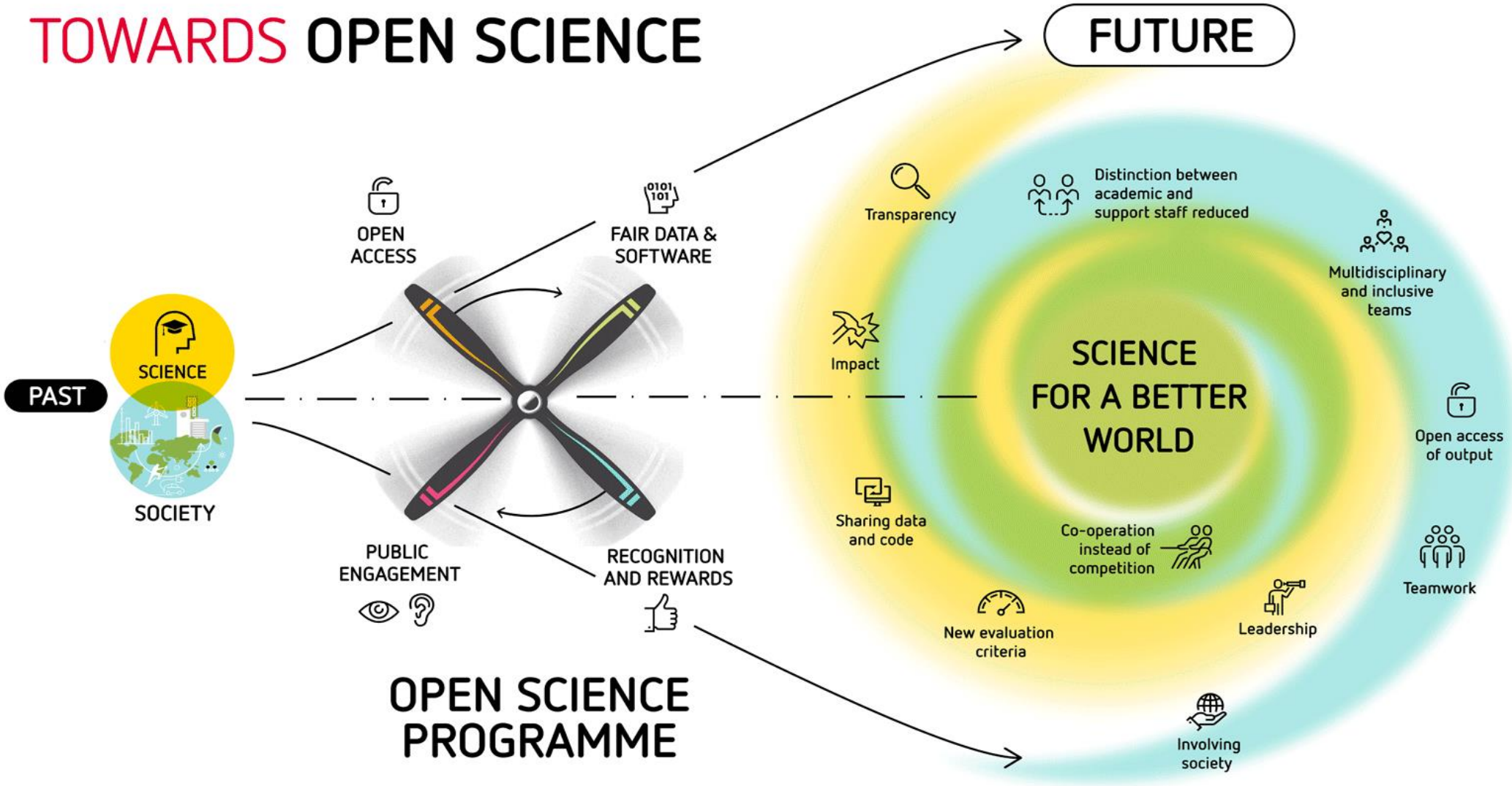
RESPONSE Lunch Event
18 November 2022

Open Science opportunities in practice

André Hoffmann

OpenAIRE

@openaire_eu


TOWARDS OPEN SCIENCE
FUTURE
OPEN ACCESS
FAIR DATA & SOFTWARE
PAST
SCIENCE
SOCIETY
PUBLIC ENGAGEMENT
RECOGNITION AND REWARDS
OPEN SCIENCE PROGRAMME
Transparency
Distinction between academic and support staff reduced
Multidisciplinary and inclusive teams
Impact
SCIENCE FOR A BETTER WORLD
Open access of output
Sharing data and code
Co-operation instead of competition
Teamwork
New evaluation criteria
Leadership
Involving society

Open Science

"Open science is an approach based on open cooperative work and systematic sharing of knowledge and tools as early and widely as possible in the process"

European Commission

- Open Access to publications
- Responsible management of data (FAIR principles)
- Open access to data 'as open as possible, as closed as necessary'
- Information about outputs / tools / instruments to validate/re-use results and data
- Digital /physical access of results to validate the conclusions

Why Open Science matters

1. **Impact**: Use your research to make an impact. Contributing to policymaking and to build capacities to address global challenges.

2. **Visibility**: Increase your citation rates, gain recognition and develop your profile as a researcher.

3. **Collaboration**: Broaden your network and facilitate information exchange.

4. **Transparency**: Increase trust in the quality of your work by sharing your research openly.

Strategy for publications

RESPONSE - Communication and Publication Strategy

Increase the impact and visibility of your project outputs and outcomes:

Step I. Continuous reporting: Every publication must display the EU emblem and include the following statement (Article 29.4 of the GA):

“This project has received funding from the European Union’s Horizon 2020 research and innovation programme under the Marie Sklodowska-Curie (MSC) grant agreement No 847585”

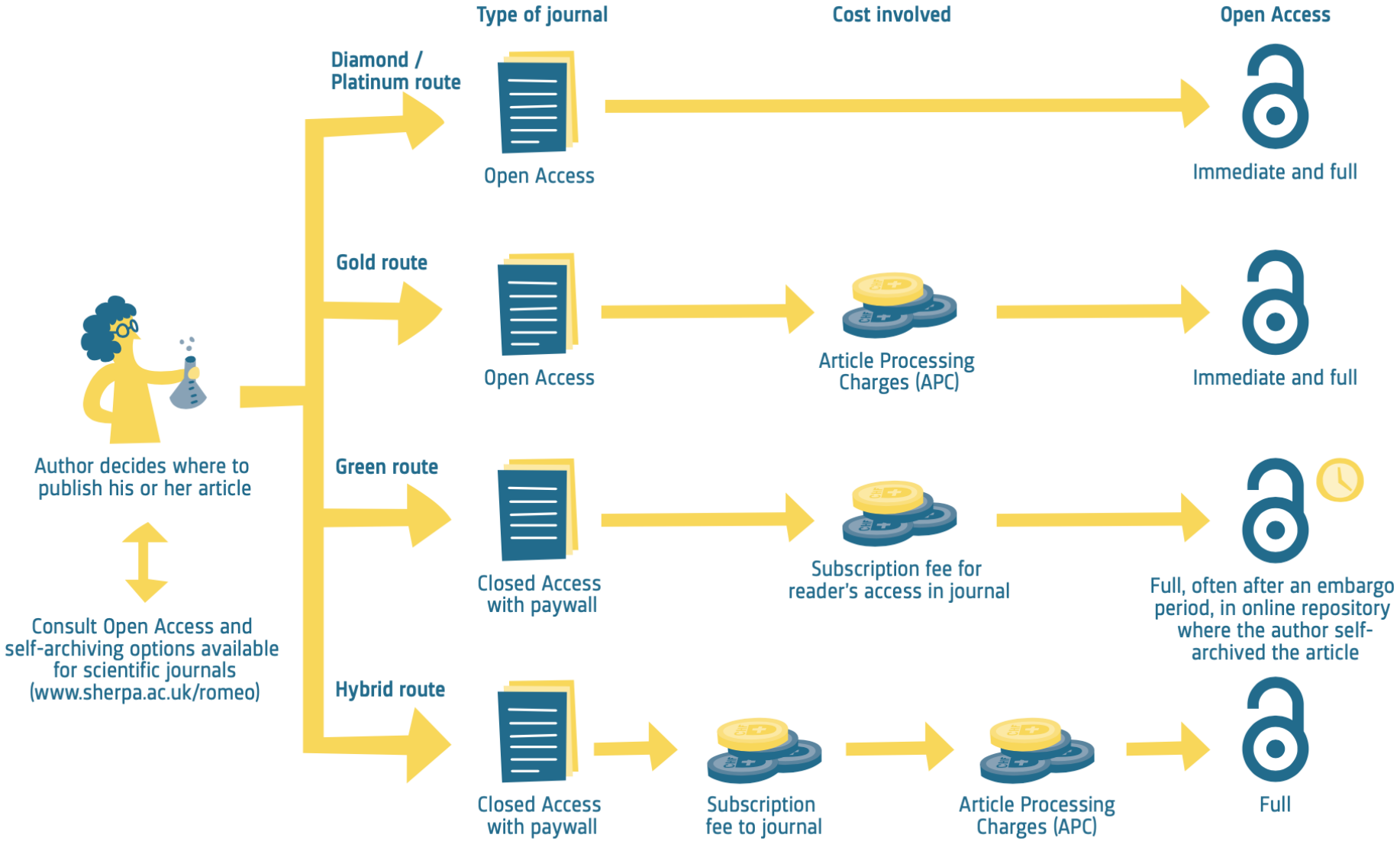
Step II. Make it Open Access

1. Self-archive your closed access publication in a repository for scientific publications and ensure Open Access (Embargo: max. 6 months).

or

2. Publish your research in an Open Access journal and self-archive it in a repository (in order to gain more visibility)

(See Information sheet)

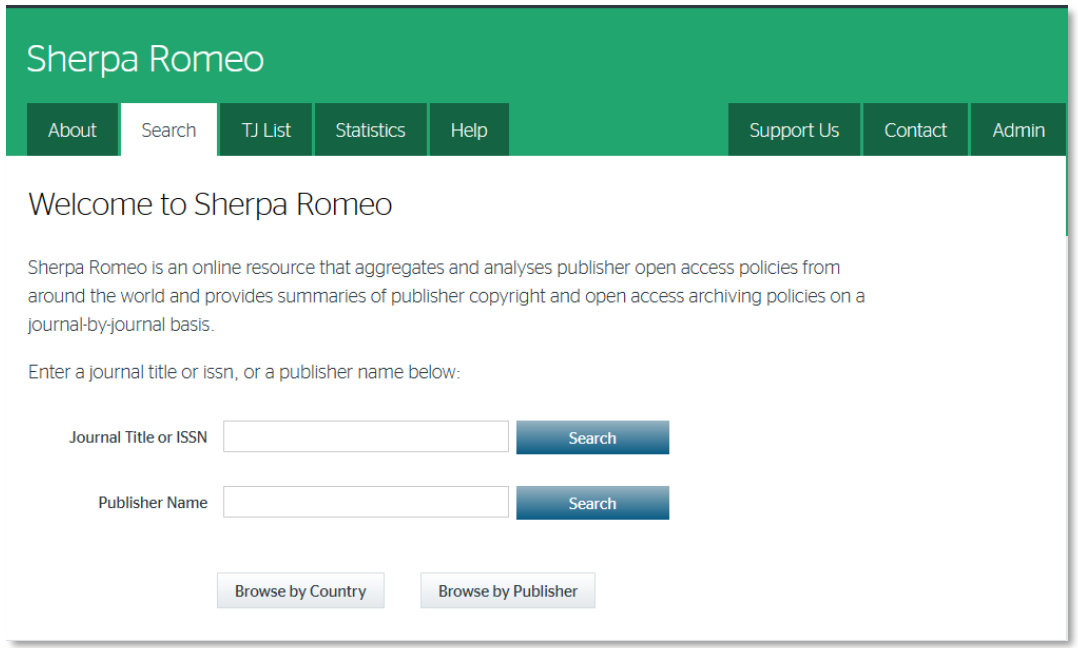


Swiss Academies of Arts and Sciences (2019) Open Science in Switzerland: Opportunities and Challenges. Swiss Academies Factsheets 14 (2). http://www.akademien-schweiz.ch/dms/E/Publications/Factsheets/Factsheet_Open_Science.pdf

Self-archiving/Green Route

Minimum for Open Access = **SELF-ARCHIVING**

Check the journal's policy



www.sherpa.ac.uk/romeo

Rights Retention Strategy

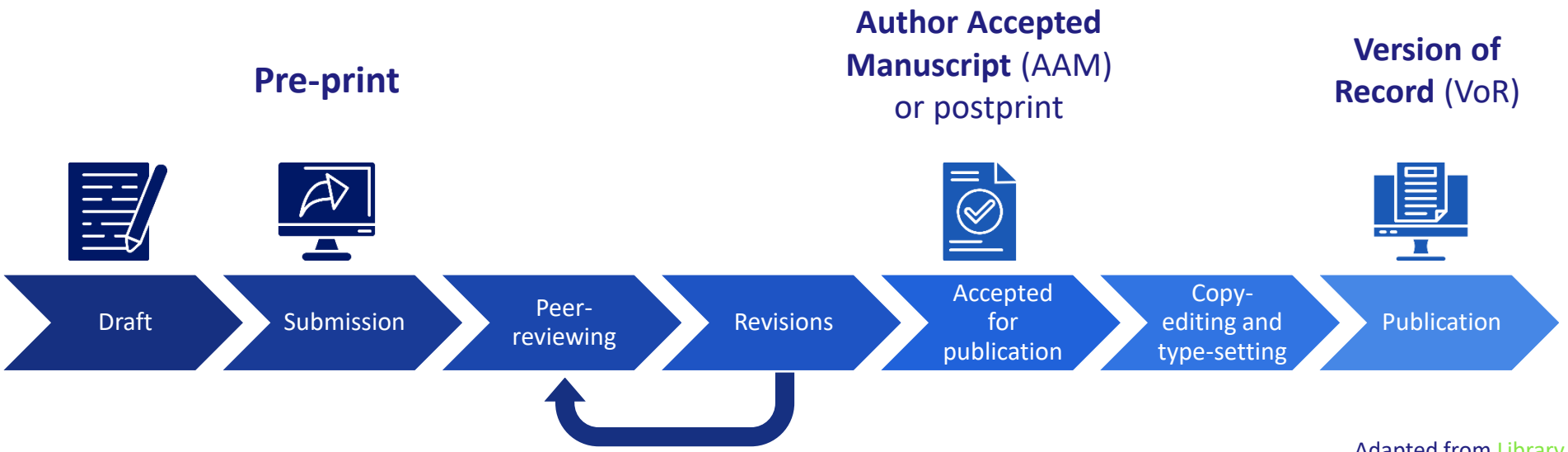
"For the purpose of Open Access, the author has applied a CC BY public copyright licence to any Author Accepted Manuscript version arising from this submission."

- To assert ownership, the author – as the intellectual creator and original copyright holder – applies a CC BY licence to the AAM
- Delivering publication services does not entitle publishers to ownership of the AAM, which remains the intellectual property of the author. Publication services should be paid for, but not with ownership of the AAM (from cOAlition S)

https://www.coalition-s.org/rights-retention-strategy/

AAM vs VoR

Most publishers allow the AAM to be self-archived in an institutional repository after an embargo period (check out Sherpa/Romeo for the details).



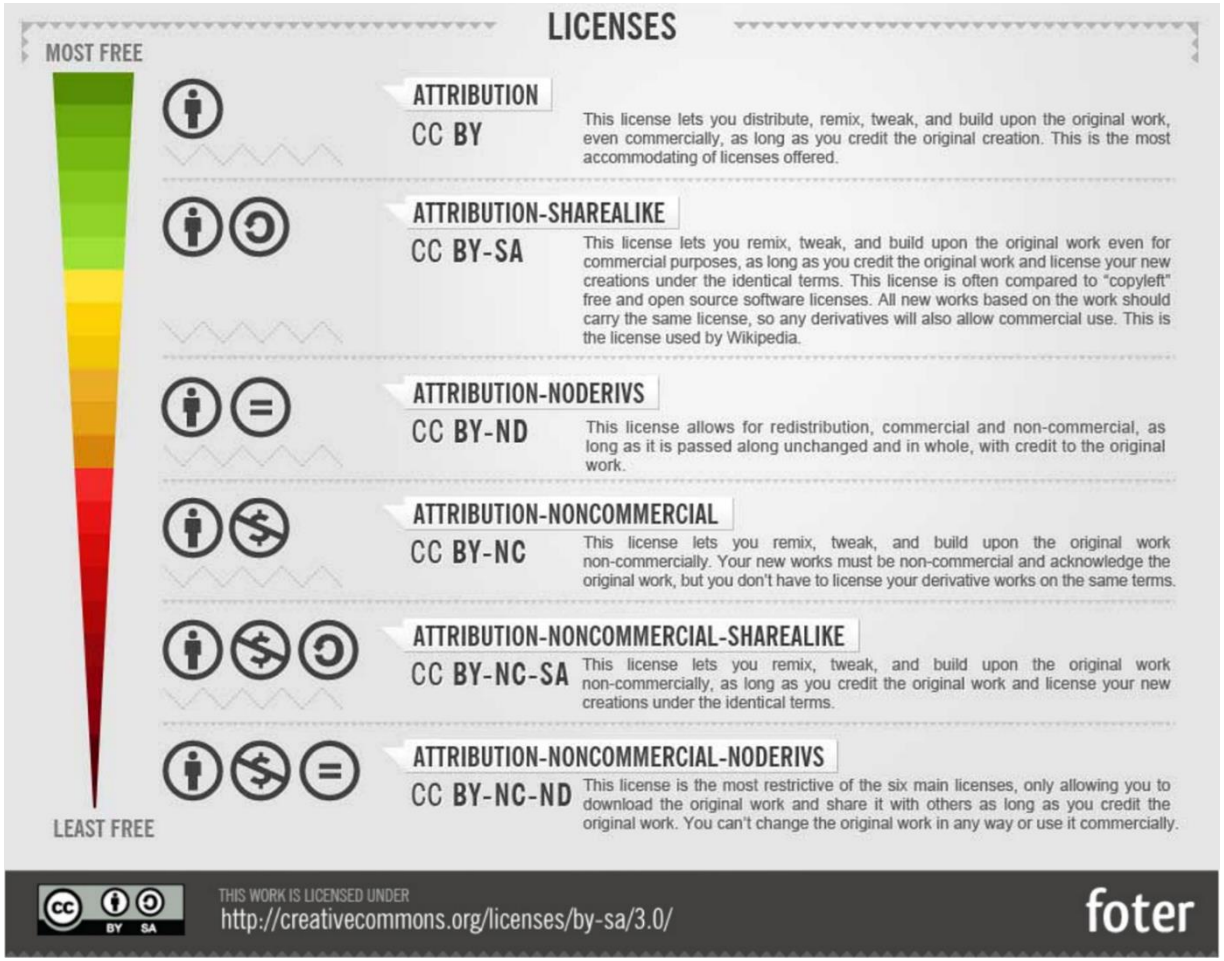
Adapted from Library of Curtin University
Icons from manshagraphics on Flaticon

Creative Commons

- Removes ambiguity over what others can and cannot do with your work
- You keep (certain) rights, but you grant certain reuses without them needing to contact you
- Universally recognisable and juridically sound (you can still claim copyright infringements)

You can share, adapt for any purpose, no attribution is required (it is similar to 'Public Domain' but is an actual licence

You can share, adapt for any purpose as long as you **credit the author**



Self-archiving in a repository

Reminder:
Submit each published article also to your institutional repository!
Usually the author accepted manuscript version can be made Open Access after an embargo

- ETH Zurich: ETH Research Collection
- University of Zurich: Zurich Open Repository and Archive (ZORA)
- University of Basel: edoc
- Zenodo

For content that cannot be published in the institutional repositories, use the Response DP collection in Zenodo to upload any research output including slides, images, datasets, research protocols, videos, reports, posters, software, and codes.

- Collection: https://zenodo.org/communities/response_dp/
- Upload link: https://zenodo.org/deposit/new?c=response_dp

You need to make sure that your output becomes visible as program output: Always state the EU grant number **(847585)** and the RESPONSE acronym in the metadata**.**

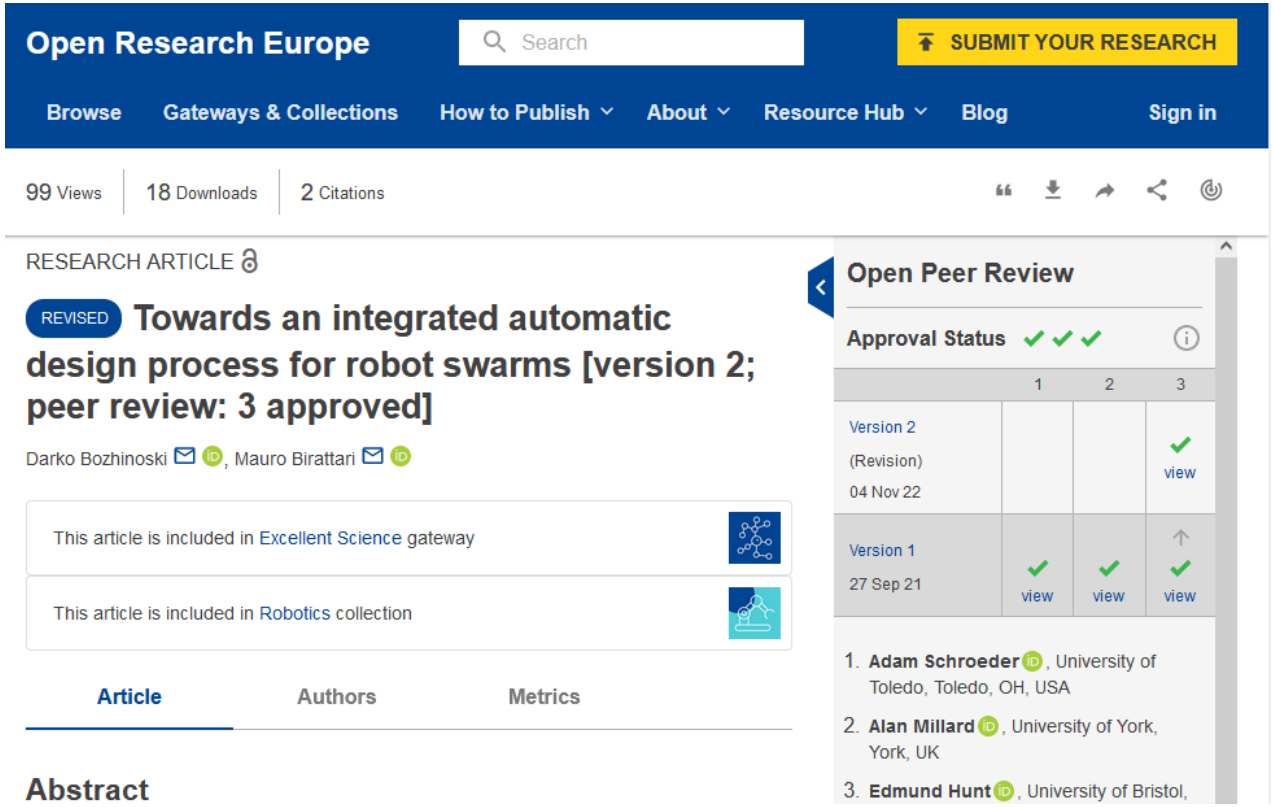
Alternative: Open Research Europe

European Commission

Rapid & Transparent Publishing platform

Fast publication and open peer review for research stemming from Horizon funding across all subject areas

https://open-research-europe.ec.europa.eu/



Next step: research data

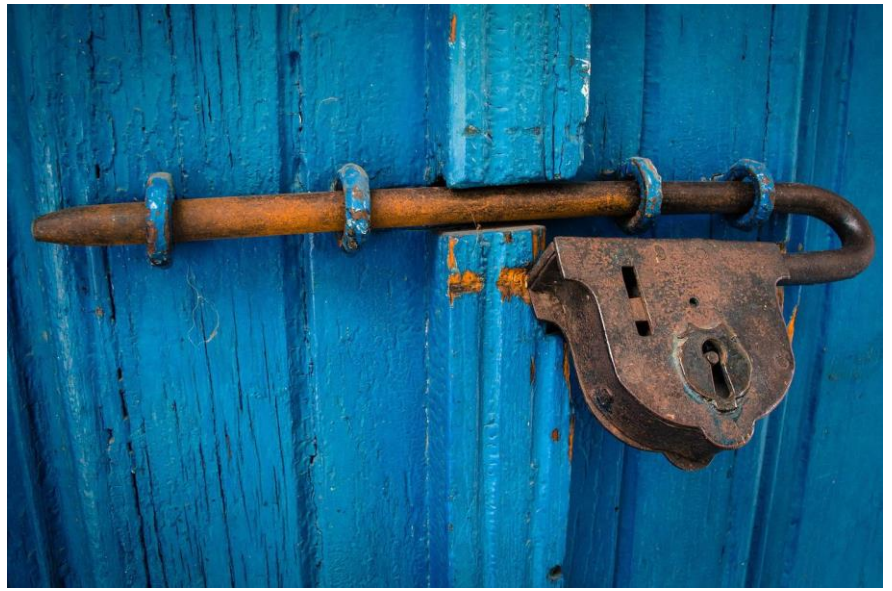
Requirements (in Horizon Europe)

- Must manage the digital research data in line with the **FAIR principles**
- **Data Management Plan** (DMP) is required by M6; updated mid-project and at end of project
- **Deposit (meta)data as soon as possible** after production/generation or after processing and quality controls
- Deposit data in a **trusted repository** and make them **open as soon as possible** (deadlines set in DMP), following the “as open as possible, as closed as necessary” (open by default) principles
- Data closed if necessary, but **metadata must be FAIR and under CCO**
- Open licence, preferentially CC-BY or CC0 licence
- Detailed information about research outputs or tools/instruments needed to re-use or validate the data (e.g. data, software, algorithms, protocols, models, workflows, electronic notebooks)

Examples of metadata
author(s) name, author(s) ORCID, DOI, licence, language, journal, title, etc.

Valid justification for not opening the data

- Commercially valuable data if it would undermine its exploitation or other results (e.g. endanger trade secrets ('soft' IP)), or make IP protection of results more difficult
- Data protection/privacy rules of sensitive and/or personal data
- Security rules for projects dealing with strategic assets, interests, autonomy or security of the EU



Data Management Plan

A formal ‘living’ document

- Formal document that specifies how research data will be handled both during and after a research project.
- It identifies key actions and strategies to ensure that research data are of a high quality, safe, sustainable and – where possible – accessible and reusable.
- There are no absolute right answers
- But be clear, specific and detailed…
- And justify decisions
- The DMP is to prove to the funder that the researcher has taken time to reflect on what to do, that consideration has been given and the approach seems reasonable
- And that your data is “As open as possible, as closed as necessary” (FAIR principles)

Venkataraman, S. (2018, November). RDM, Open Research and DMP presentations and associated files. Zenodo, CC-BY 4.0 http://doi.org/10.5281/zenodo.1489929

Findable

- Persistent identifier (e.g. DOI)
- Rich metadata
- Searchable and discoverable online

Accessible

- Deposited on a trusted repository (e.g. Zenodo)
- Data can be restricted and still FAIR – “as open as possible, as closed as necessary”

Interoperable

- Open and/or standardised file formats

Reusable

- Well documented (e.g. README files), including provenance and tools/instruments needed to reproduce the results
- Clear licence (e.g. CC BY 4.0, CC0)

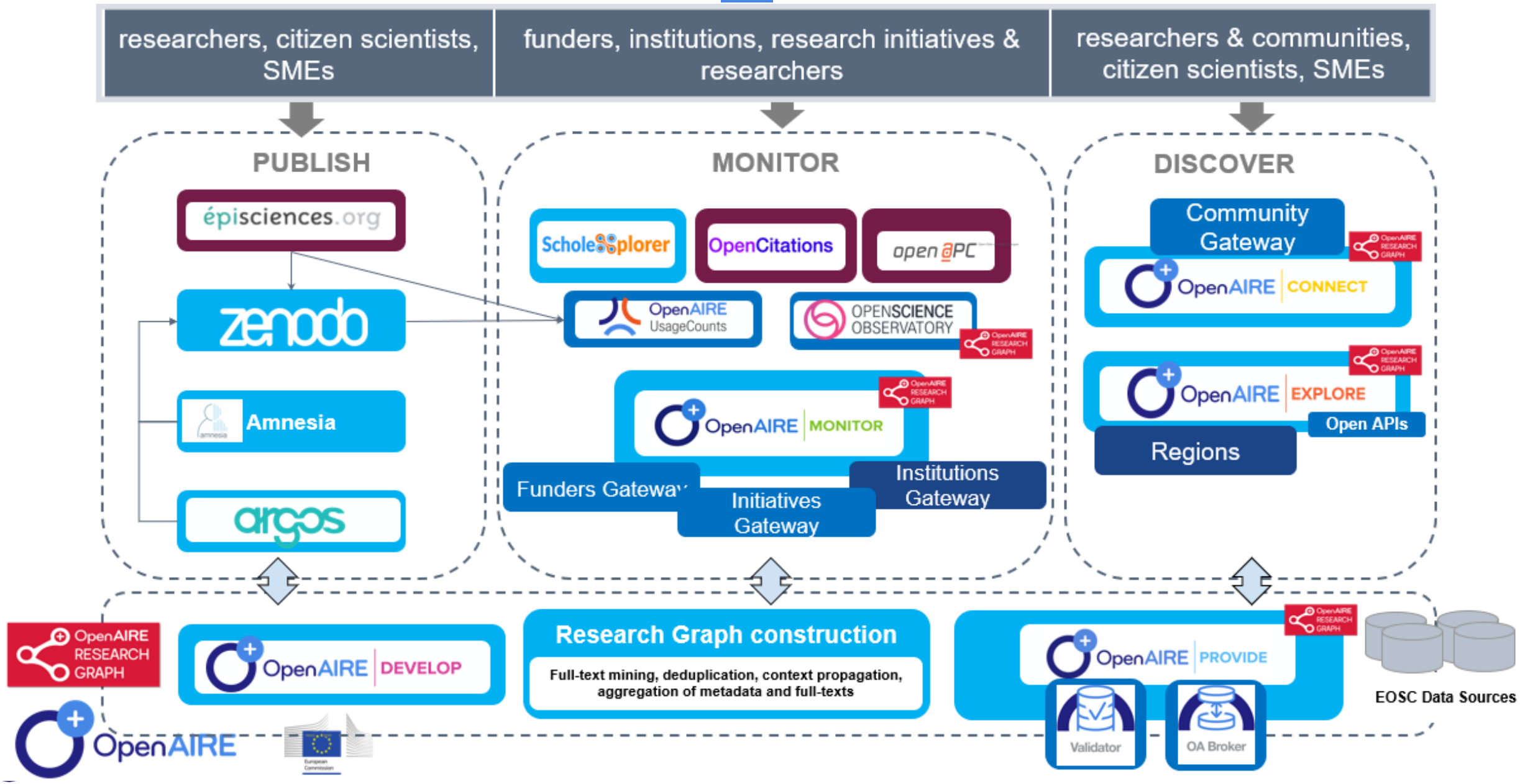
Reporting and monitoring

OpenAIRE

Open Access Infrastructure for Research in Europe

- research information system aggregating an collecting scientific outputs
- Network of Open Science practitioners

→ Contribution to a more open, ethical and democratic research system


researchers, citizen scientists, SMEs
funders, institutions, research initiatives & researchers
researchers & communities, citizen scientists, SMEs
PUBLISH
MONITOR
DISCOVER
épisciences.org
zenodo
Amnesia
argos
ScholeXplorer
OpenCitations
openAPC
OpenAIRE UsageCounts
OPENSCIENCE OBSERVATORY
OpenAIRE MONITOR
Funders Gateway
Initiatives Gateway
Institutions Gateway
Community Gateway
OpenAIRE CONNECT
OpenAIRE EXPLORE
Open APIs
Regions
OpenAIRE RESEARCH GRAPH
OpenAIRE DEVELOP
Research Graph construction
Full-text mining, deduplication, context propagation, aggregation of metadata and full-texts
OpenAIRE PROVIDE
Validator
OA Broker
EOSC Data Sources
OpenAIRE

DISCOVERY AND REPORTING

Funding Info
CRIS systems
Literature Repositories
Journals
Archives
Aggregators
Data Repositories

Text&Data Mining

OpenAIRE RESEARCH GRAPH

OpenAIRE | EXPLORE

European Commission | CORDIS EU research results

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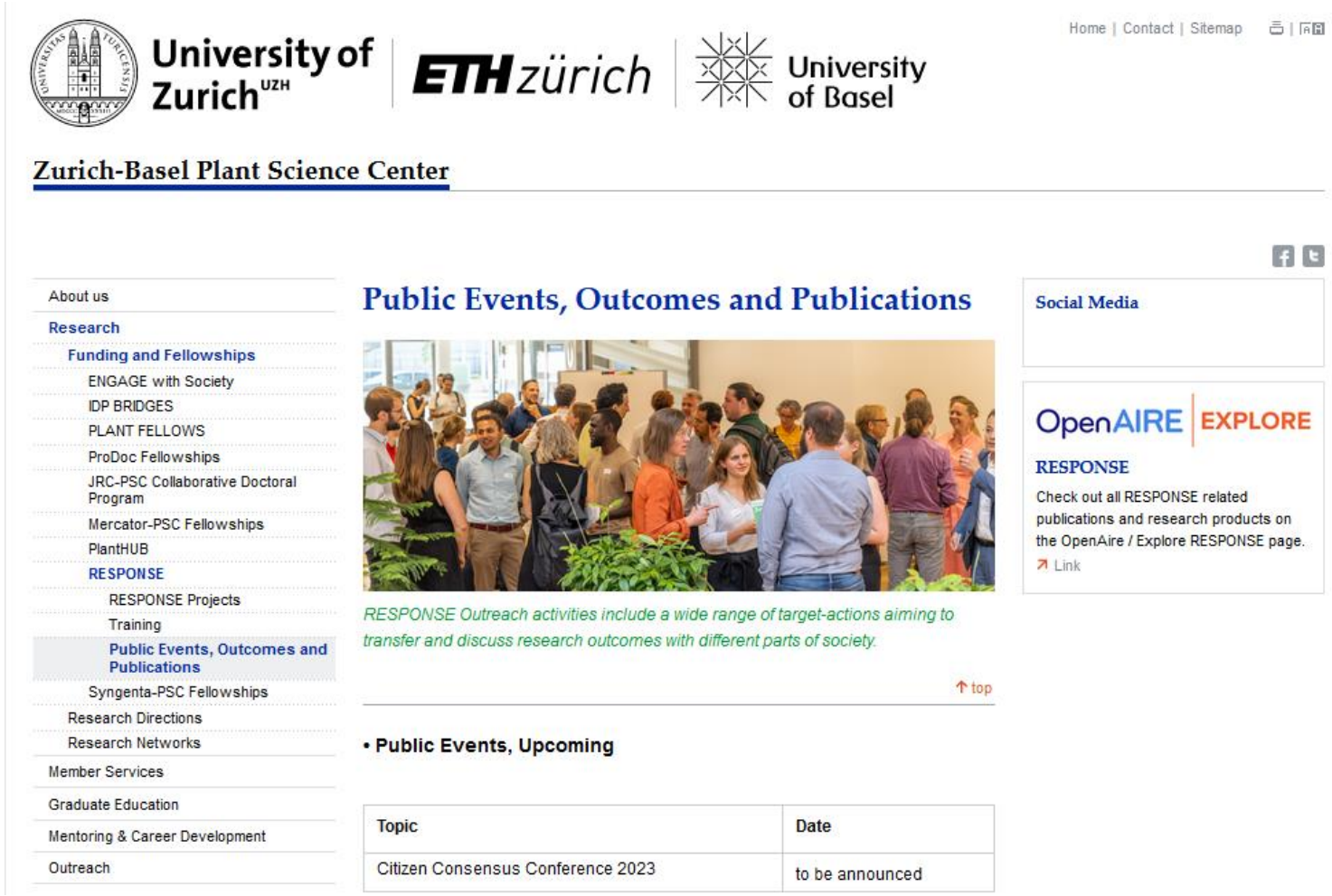
RESPONSE OpenAIRE Explore gateway



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Zurich-Basel Plant Science Center

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    - IDP BRIDGES
    - PLANT FELLOWS
    - ProDoc Fellowships
    - JRC-PSC Collaborative Doctoral Program
    - Mercator-PSC Fellowships
    - PlantHUB
    - RESPONSE
      - RESPONSE Projects
      - Training
      - Public Events, Outcomes and Publications
    - Syngenta-PSC Fellowships
  - Research Directions
  - Research Networks
- Member Services
- Graduate Education
- Mentoring & Career Development
- Outreach

Public Events, Outcomes and Publications

RESPONSE Outreach activities include a wide range of target-actions aiming to transfer and discuss research outcomes with different parts of society.

↑ top

• Public Events, Upcoming

Topic	Date
Citizen Consensus Conference 2023	to be announced

Social Media

OpenAIRE | EXPLORE

RESPONSE

Check out all RESPONSE related publications and research products on the OpenAire / Explore RESPONSE page.

Link

https://explore.openaire.eu/search/project?projectId=corda__h2020::8cd78d06ec471c4cf0b49a9f9ae9d816

Demo

ORCID – Be Visible

Horizon Europe reference documents

Program Guide of Horizon 2020

OpenAIRE guides

‘How to comply with Horizon 2020 mandate for publications’

‘Open Science in Horizon 2020 proposal’

…

All pictures available in CC0 from Pixabay.com
Slides partly by Jonathan England

THANKS

Contact us for more information

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Twitter
@openaire_eu

Managing your Publication Workflow and your Open Data

University of Zurich[UZH] | ETH zürich | University of Basel

Zurich-Basel Plant Science Center

The course includes 2 face-to-face workshop days and one day for homework. PhD students will learn specifically to deal with the whole publication process and to establish a publication workflow: How to manage your open data from the very beginning of a research project, how to plan an open access strategy from choosing journals strategically, to submission, to publication. This includes also guidelines for open data, data sharing agreements and data plans, as well as rich data publications and post-publishing marketing strategies.