The transition to Open Access/Open Science in Austria

Katharina Rieck (FWF)
8th UNICA Scholarly Communication Seminar, Lausanne
December 2\textsuperscript{nd}, 2016
Recommendations for the Transition to Open Access in Austria

Bauer, Bruno; Blechl, Guido; Bock, Christoph; Danowski, Patrick; Ferus, Andreas; Graschopf, Anton; König, Thomas; Mayer, Katja; Nentwich, Michael; Reckling, Falk; Rieck, Katharina; Seitz, Peter; Stöger, Herwig; Welzig, Elvira

Based on 16 recommendations, efforts should be made to achieve the following goal:

By 2025, all scholarly publication activity in Austria should be Open Access. In other words, the final versions of all scholarly publications resulting from the support of public resources must be freely accessible on the Internet without delay (Gold Open Access). The resources required to meet this obligation shall be provided to the authors, or the cost of the publication venues shall be borne directly by the research organisations.

http://dx.doi.org/10.5281/zenodo.34079
is a voluntary bottom up initiative with 60 member organisations coordinated by the **Austrian Science Fund (FWF)**

- Coordination of and recommendations for the Austrian OA-tasks/ activities of research institutions, funding organizations and research policies
- Positioning towards the information providers (mainly publishing houses)
- Contact persons and source of information for researchers, research institutions and politics
By 2025, a large part of all scholarly publication activity in Austria should be Open Access."
Some Core Recommendations

1) OA Policies
2) Cost monitoring
3) Re-organising publishing contracts
4) Funding alternative models
5) Targeting Open Science
Introduce Open Access Policy

Recommendation

By 2017, all research and funding organisations financed by public sources should officially adopt and implement their own OA Policy and make OA mandatory in 2020.
Achieved so far

- 20 institutions in Austria have an OA policy and signed the Berlin Declaration.

- EU Network PASTEUR4OA says that FWF has one of the most effective OA policies of a public funder worldwide ⇒ 83% OA in 2015

- Austrian Court of Audit claims OA for all publically funded research.
Create Cost Transparency

Recommendation

- From 2016 to 2018, provide a transparent overview of the costs of the current publication system.

- By 2018, for publication venues being funded by public resources, the funding conditions should be such that the publication venues can be transformed to Open Access.

- By 2020, make contracts with the publishers transparent.
Achieved so far

- Austrian Academic Library Consortium (KEMÖ) established a permanent working group which will investigate and monitor publication costs in Austria as well as sharing burdens between institutions.

- Together with the MPS, UK, NL and some Nordic countries, KEMÖ and FWF are part of ESAC exchanging ideas how to monitor OA contracts and publication costs.
Reorganise Publishing Contracts

Recommendation

From 2020 onward, license agreements with publishers should be concluded so that research publications are automatically published OA.
By John R. McKiernan http://whyopenresearch.org/gallery
Reorganise Publishing Contracts

Achieved so far

Austrian Academic Library Consortium (KEMÖ) and FWF have negotiated one of the first (nearly cost-neutral) OA deals with publishers.

a) **Offsetting** = Hybrid OA payments are offset against subscriptions

b) **Read & Publish** = OA publishing is part of the big deal
Comparison of article output Q1 and Q2

Non Open Access 2015 pre-SC kick-off: AT corresponding author chose to publish subscription-based instead of open access
Non Open Access after SC kick-off: AT corresponding author chose to publish traditionally instead of open access (opt-out) and articles rejected by institution although it is an AT corresponding author

Source: Springer, 2016
OA 2020 – initiative for the large-scale transition to open access
Funding Alternative OA Models

Recommendation

From 2017 onward, all research and funding organisations in Austria should participate jointly in national and international initiatives that promote high-quality publication models, services, infrastructures beyond big commercial providers.
If the market trend of the last years continues, then in the next ten years two or three commercial giants will control the market and exploit not only publications but the entire academic workflow.
Governing the entire academic workflow

Source: Kramer/Bosman 2015
Achieved so far

- Consortium of 6 institutions ⇒ ~ € 35,000 p.a.

- FWF ⇒ ~ € 50,000 p.a.

- Univ. Vienna / FWF ⇒ $ 6,000 p.a.

- Consortium of 15 institutions ⇒ € 32,000 p.a.

- Consortium of 4 institutions ⇒ € 30,000 p.a.

- Academy of Fine Arts / FWF ⇒ € 17,500 p.a.
Set Targets For Open Science

Recommendation
The strategy should be developed into a full-fledged Open Science strategy from 2017 onward. Its aim should be to provide resources to those persons who wish to integrate the instruments of Open Science into their work processes.
Open Science Taxonomy

Open Science
  - Open Access
    - Open Access Definition
    - Open Access Initiatives
    - Open Access Routes
      - Open Access Use and Reuse
        - Gold Route
        - Green Route
      - Open Big Data
      - Open Data Definition
      - Open Data Journals
      - Open Data Standards
      - Open Data Use and Reuse
      - Open Government Data
      - Definition of Open Reproducible Research
      - Irreproducibility Studies
      - Open Lab/Notebooks
      - Open Science Workflows
      - Open Source in Open Science
      - Open Science Policies
        - Open Science Guidelines
          - Organisational mandates
        - Organisational mandates
        - Subject policies
        - Open Science Projects
      - Open Science Tools
        - Open Repositories
        - Open Services
        - Open Workflow Tools
  - Open Data
  - Open Reproducible Research
    - Open Metrics and Impact
    - Reproducibility Guidelines
    - Reproducibility Testing
    - Open Peer Review
  - Open Science Evaluation
    - Altmetrics
    - Bibliometrics
    - Semantometrics
    - Webometrics
    - Funders policies
    - Governmental policies
    - Institutional policies
    - Open Access policies
    - Open Data Policies
Austrian Open Science Initiatives

Österreich forscht
www.citizen-science.at

e-infrastructures austria

< fnm >
Forum neue Medien Austria

Open Innovation
Eine Initiative der Bundesregierung

Open Access COANA
Network Austria

Open Knowledge

openscience ASAP
The Project

e-Infrastructures Austria, a three-year partnership project, started in January 2014 sponsored by the Federal Ministry of Science, Research and Economics (BMWF).  
The objective of this project is the coordinated establishment and development of Repository Infrastructures for digital resources in research and science throughout Austria.  

Through networking and pooling of expertise and resources, e-Infrastructures Austria will establish a Network of Knowledge and Expertise that will provide the required support and assistance in the areas of Repository implementation and further enhancements to related technical systems and services.

e-Infrastructures Austria promotes the exchange of experiences on technical, organisational, legal, and content related issues between the Libraries, IT services, scientists and researchers (at both local and national level) who take part in the different working groups, events, and workshops of the project. Particular emphasis is placed on the handling of complex data such as research data and multimedia content.

Facts

Start: January 1, 2014  
End: December 31, 2016  
Project coordination: University of Vienna  
Project partners: 25 Partner Institutions  
Client: Federal Ministry of Science, Research and Economics  
BMWF

https://www.e-infrastructures.at/
Was ist Citizen Science

Als Citizen Science wird eine Arbeitsmethode bezeichnet, bei der wissenschaftliche Projekte partizipativ mit interessierten AmateurInnen durchgeführt werden.
Empfehlungen für die Integration von Open Educational Resources an Hochschulen in Österreich

Arbeitsgruppe „Open Educational Resources“ des Forum neue Medien in der Lehre Austria (fnm-austria)

Vienna PRINCIPLES
a vision for scholarly communication

1. Accessibility
2. Discoverability
3. Reusability
4. Reproducibility
5. Transparency
6. Understandability
7. Collaboration
8. Quality Assurance
9. Evaluation
10. Validated Progress
11. Innovation
12. Public Good

http://viennaprinciples.org/
Lessons to learn

1. **Leadership** ⇒ the OA transition and in the long run the transition to Open Science need support from the heads of research institutions

2. **Politics** ⇒ organising support from high politics

4. **Unity** ⇒ research performers and research funders must speak with one voice

5. **Transparency** ⇒ it needs much more transparency for what we are paying for in relation to the services provided

7. **International Cooperation** ⇒ exchanging information with other consortia and coalition building
...hello...?
...anybody...?
Thank you!

For more information:

FWF Open Access News

FWF Open Access on Twitter

www.oana.at