Open Access und die Zukunft von Scholarly Communication

3. Veranstaltung des Open Access Netzwerks Austria
Wien, 1. Juni 2016

Peter Kraker, Know-Center
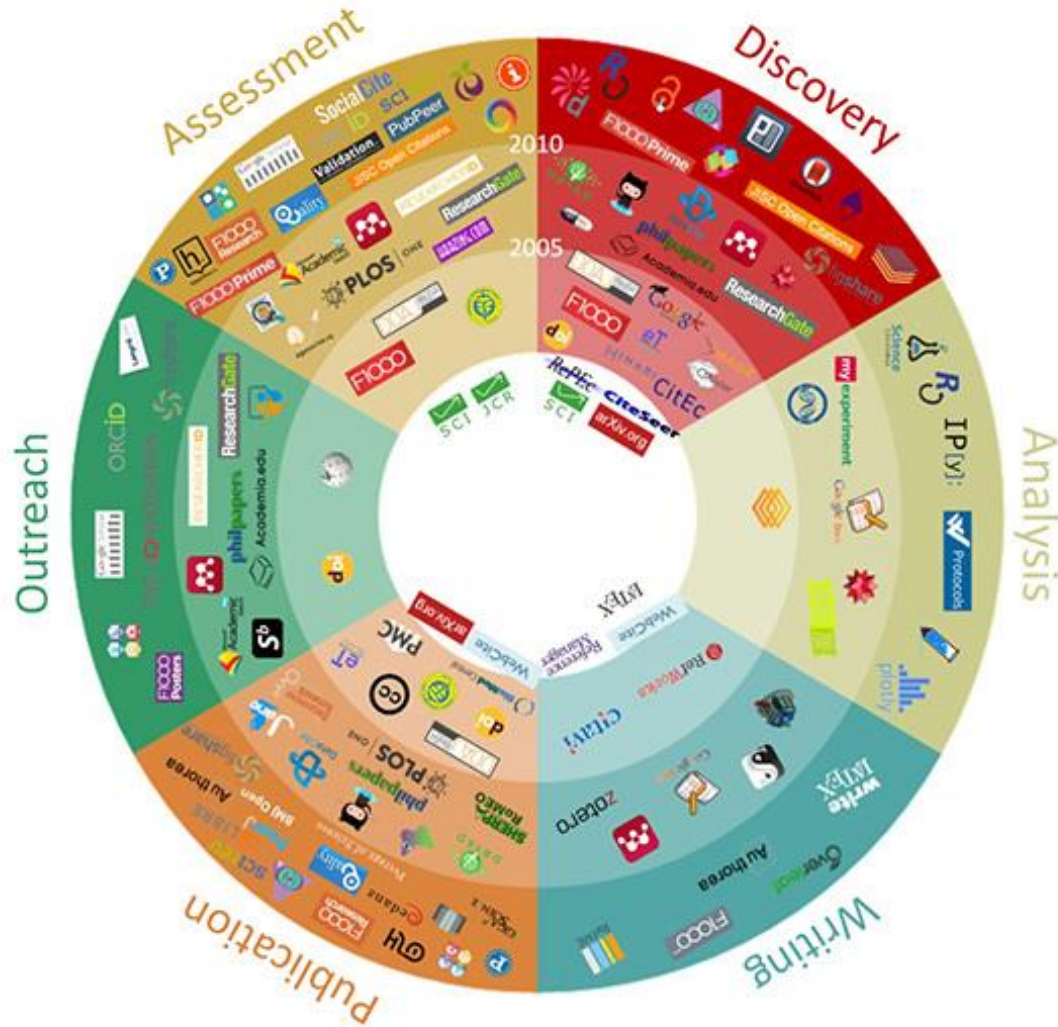
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KNOW Center

universität wien

OPEN KNOWLEDGE AUSTRIA

Teil 1

(Inter-)nationale Entwicklungen im Bereich wissenschaftlicher Kommunikation

Innovations in Scholarly Communication

OPEN ACCESS NETWORK AUSTRIA
OANA

OECD Making Open Science Reality (2015)

country	repositories	open research data	open gov data	open access	open licences	collaboration platforms
Australia	✔	✔	✔		✔	
China	✔		✔		✔	
Estonia	✔			✔	✔	✔
Finland	✔				✔	✔
France	✔		✔		✔	
Germany	✔	✔		✔	✔	
Spain	✔		✔	✔	✔	✔
UK	✔		✔			✔
USA	✔		✔	✔	✔	

Source: Country responses to the *OECD Science, Technology and Industry Outlook 2012* policy questionnaire and OECD (2010), *OECD Science, Technology and Industry Outlook 2010*, OECD, Paris.

US National Cancer Moonshot Initiative

- 1 Milliarde Dollar für ein Forschungsportfolio mit thematischen Schwerpunkten (2016-2018)
- Open access
- Sharing of research data

"taxpayers fund $5 billion a year in cancer research every year, but once it's published, nearly all of that taxpayer-funded research sits behind walls. Tell me how this is moving the process along more rapidly."

US VP Joe Biden April 2016

ACCESS OANA NETWORK AUSTRIA

EU und Horizon 2020

- Open Access (green or gold) mandatory
- Open Research Data pilot
  - Future and Emerging Technologies, Research Infrastructure, Leadership in Enabling and Industrial Technologies, Societal Challenges, Science with and for Society, European Open Science Cloud
- Digital Agenda
- Innovation Union Policy
- RRI - Responsible Research & Innovation (EC) -> Responsible Science (BMWFW)
- ERA Roadmap (Europäischer Rat -> ERA Roadmap Austria

Policy-Prozesse in Österreich

Österreich:

- Open Innovation Strategie (Bundesregierung)
- Digital Roadmap Austria (Bundesregierung)
- RRI (Responsible Science)
- ERA Roadmap

Förderungen:

FWF (Open Access) und Open Data Pilot
FFG

Amsterdam Call for Action on Open Science

Ergebnis
der
Amsterdam
Conference

Open Science
als Kern-
thema d.
NL Rats-
präsident-
schaft

Removing barriers to open science

1. Change assessment, evaluation and reward systems in science
2. Facilitate text and data mining of content
3. Improve insight into IPR and issues such as privacy
4. Create transparency on the costs and conditions of academic communication

Developing research infrastructures

5. Introduce FAIR and secure data principles
6. Set up common e-infrastructures

Fostering and creating incentives for open science

7. Adopt open access principles
8. Stimulate new publishing models for knowledge transfer
9. Stimulate evidence-based research on innovations in open science

Mainstreaming and further promoting open science policies

10. Develop, implement, monitor and refine open access plans

Stimulating and embedding open science in science and society

11. Involve researchers and new users in open science
12. Encourage stakeholders to share expertise and information on open science

European Open Science Policy Platform

High-Level Advisory Group of the OSPP

Announcement of members: 27 May

„The OSPP will advise the Commission on how to further develop and practically implement open science policy, in line with the priority of Commissioner Moedas to radically improve the quality and impact of European science."

OPEN ACCESS NETWORK AUSTRIA
OANA

Teil 2

AG Open Access & Scholarly Communication 2016/17

Beschreibung der AG (Vorschlag)

Motto (bleibt gleich): „Wie Open Access (inkl. Open Science) die wissenschaftliche Kommunikation langfristig verändert - inkl. Behebung derzeitiger Defizite."

Aufgabenstellung:

- Beobachtung der internationalen Entwicklungen
- Bestandsaufnahme der derzeitigen Situation in Bezug auf Österreich
- Entwicklung von Empfehlungen für den Übergang auf Open Science in der wissenschaftlichen Kommunikation in Österreich

Vielen Dank für Ihre Aufmerksamkeit!

Fragen? Feedback?

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