



GREEN LIGHT FOR OPEN ACCESS: ALIGNING EUROPE'S OA POLICIES

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Opinions are my own

Why Open Science

- Science and innovation are foundations for economic recovery, sustainable growth and jobs
 - Open science is a means to **improve connectivity** so as to be able to exchange knowledge more rapidly



- As a principle
- For the benefit of science
- Better interaction with Society & Economy
- Improve on Integrity and Trust

need4speed and access2all

- Innovation
 - Time to develop will become shorter and shorter
 - Information will be an input factor of its own production process (the wealth of networks; Yochai Benkler)
- Zika, Ebola, ...
- Preprint / Time stamp
 - Prepublications are new entities, with a DOI
 - Share results of new findings (ScienceMatters): the observation becoming the new unit of science
- New services
 - Platforms for filtering (F1000Prime, SPARRHO, ...)

What's going on in Europe

Many initiatives

- Political support by EC, US/OSTP, # national policies
- Universities incl. LERU, EUA, CESAER, MPG, ...
- Libraries incl. LIBER, SPARC, ...
- Researchers YEAR/EARTO, EURODOC, Young Acad.
- Funders Gates, Wellcome, NWO, FWF, SNSF, ...
- Publishers
 - Offsetting Contracts
 - New initiatives (PeerJ, eLIFE, ScienceOpen)
 - also from researchers: ScienceMatters, SciPub, LingOA

Sci-Hub

5 Million downloads per month
Also from universities' IP-addresses
Sustainable?



Is the Toll Access model sustainable?

- Pricing
- Time lag (and pre-publications)
- Selection mechanisms that induce 'publication bias'
- Trend that people won't pay for content
- Need for new analysing tools
- Repositories



What's next?

- **Inclusive approach**
- **Alignment and concerted actions**
- **Common goal**

Amsterdam Call for Action on Open Science:

“Countless initiatives have been developed during recent years, policies are not aligned, and expertise can be shared more and better. There is a strong need for cooperation, common targets, real change, and stocktaking on a regular basis for a speedy transition towards open science.”

NL Presidency Conference on Open Science

Two important pan-European goals for 2020:

1. **Full open access for all scientific publications**
2. **A fundamentally new approach towards optimal reuse of research data**

Flanking policy

3. **New assessment, reward and evaluation systems**
4. **Alignment of policies and exchange of best practices**



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

New Users

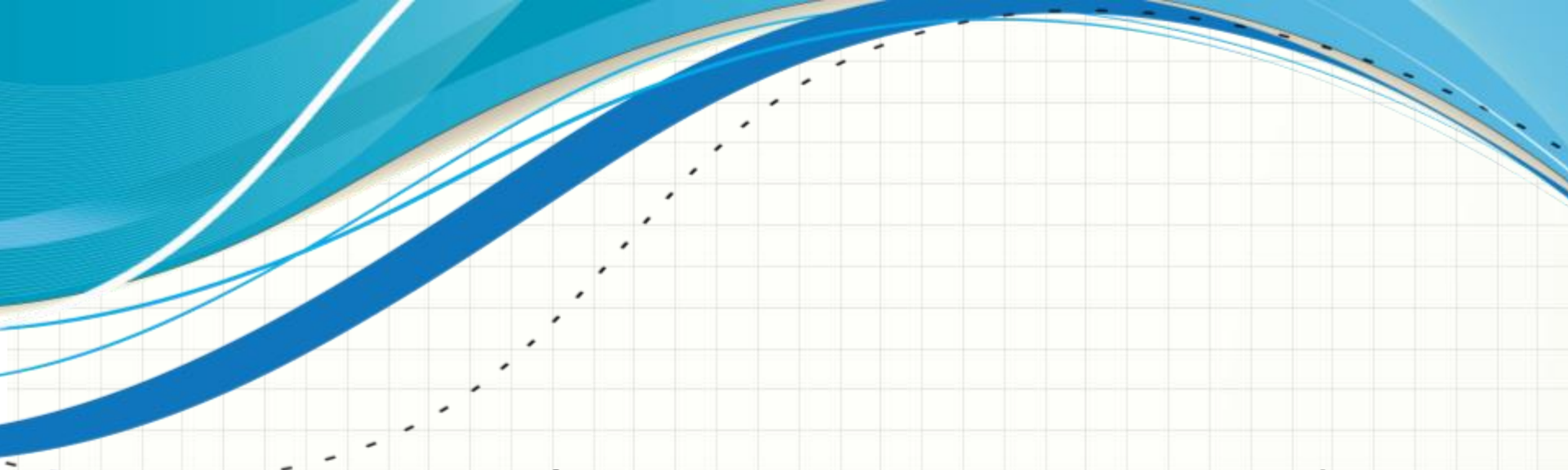
- Some examples
 - STM Digest by Elsevier
 - Layman summaries in eLIFE,
 - DokterMedia website in the Netherlands
- Need to do more
 - Access to Research project in UK
 - Train the trainers
 - Citizen scientists as ‘early adopters’
 - Set up platforms for professional communities

And also:

- Researchers have to write for different audiences – and this should be rewarded

What are you going to do?

- Tomorrow
- Set up a concerted action with ...



What are you going to do
- Tomorrow, next week, ...?

THANK YOU

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