



ELSEVIER

Open Access (in Biomedical Research)

ESF Scientific Review Group MED

Workshop on Health Research

Strategic Needs in Europe

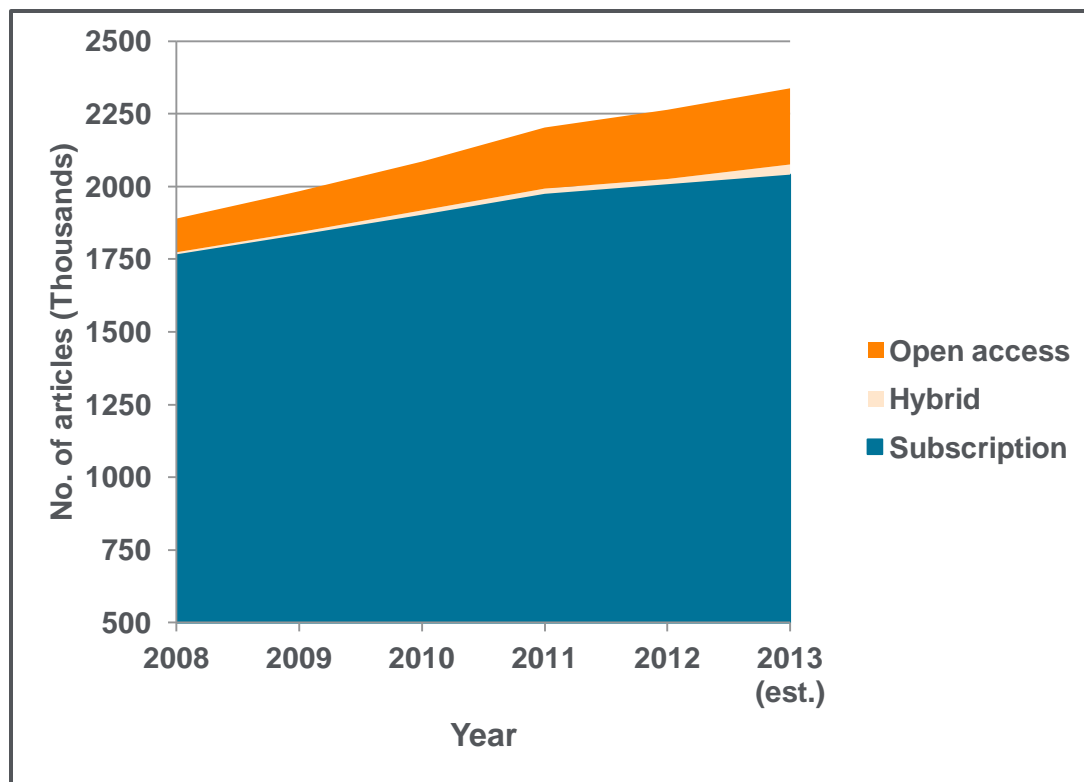
Brussels, 13 March 2015

Stephane Berghmans

VP Global Academic & Research Relations

Total article growth by journal business model

There were in 2013, estimated worldwide 2,041,106 published subscription and 297,596 published open access articles



Subscription content:

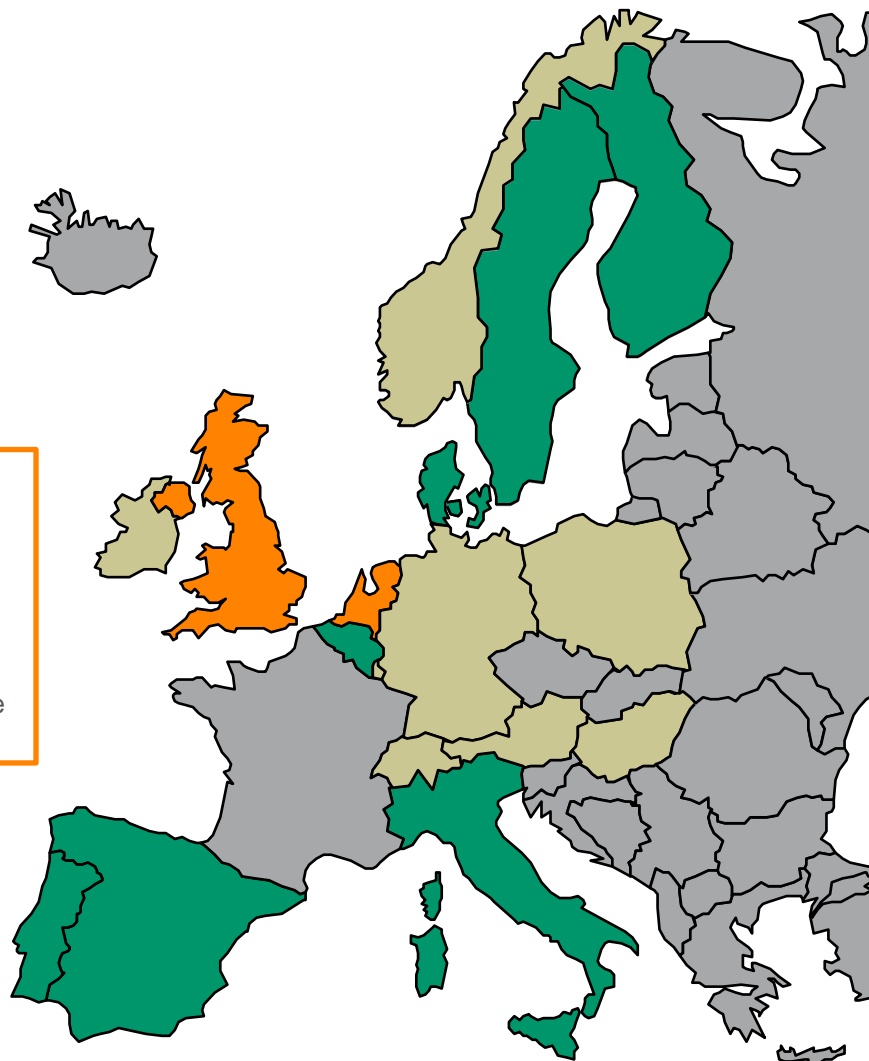
- Continues to grow year on year at approx. 3-4%
- Amounts to a total article share of approx. 87.3% in 2013
- In 2013, Elsevier published over 330,000 articles which included an increase of 20,000 extra subscription articles

Open access content:

- Currently growing at approx. 20% in 2013
- Amounts to a total article share (hybrid + "pure" Gold) of approx. 8.2% in 2013
- The total article share of all immediately accessible OA articles is 12.7% including subsidized open access
- In 2013, Elsevier published over 6,000 gold open access articles

1600+ hybrid journals; 98 Open Archive Journals; 220+ OA journals

EU open access developments: mixed approach



RCUK
 Policy active since 2014.
 Compliant if:

- Gold – CC-BY, immediate access
- Green – CC –BY NC, 6/12 months if gold unavailable, 12/24 months if gold available but no funding

Wellcome Trust

- Deposit in PMC and Europe PMC within 6 months of publication
- Provides funds for APCs
- Requires CC-BY for gold

European Research Council

- Deposit of articles in an appropriate research repository within 6 months
- Deposit in Europe PMC required for life sciences

FWF (Austria)

- Gold – CC B, funding available
- Deposit AAM in sustainable subject/institutional repository under CC BY – NC
- 6 (or12) month embargo
- Deposit in Europe PMC required for life sciences

Telethon

- Deposit in Europe PMC within 6 months of publication
- Will cover APC's where appropriate

- Gold open access focus
- Mixed open access focus
- Green open access focus

Green open access challenges

- **Requires time and effort**
 - Author needs to save the correct version of the article for posting to a repository
 - The repository will need to add links and metadata to the hosted article
- **Not immediate**
 - Access is after an embargo period has expired rather than immediately, because libraries will not subscribe if the content is available for free immediately
 - Added complexity on repositories to host content which is under different policies from different publishers
- **Not free**
 - No open access publishing fee for the author to pay because publication costs are paid for by library subscriptions
 - Needs to work at scale with the subscription model

Pilots and initiatives



THE WORLD BANK

ROBERT KOCH INSTITUT



World Health Organization



THE ACADEMY OF SCIENCES OF THE CZECH REPUBLIC



vsnu



Structured Metadata

Embedded PDF

ShareLinks



Dmitry Savostyanov @draug
Free online version of my recent paper, thanks #elsevier
elsarticle.com/18ATI15

9 december

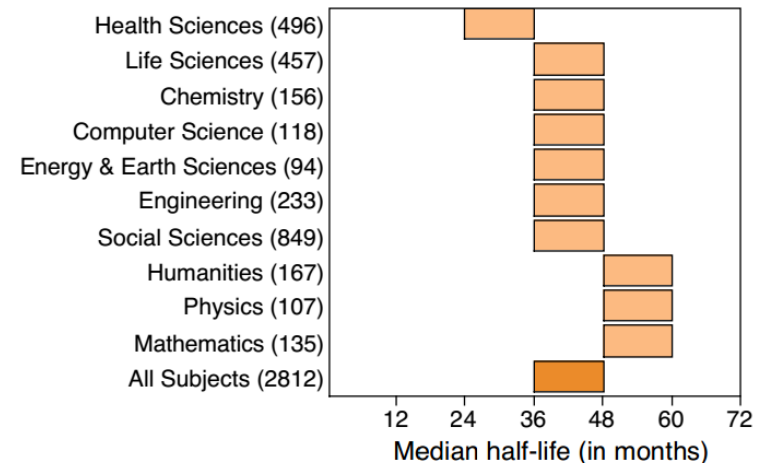
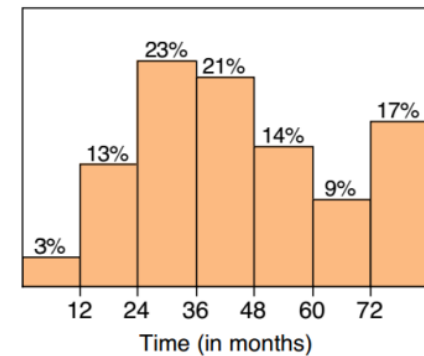


Green open access challenges – embargos

How to make OA policies sustainable?

- Green OA relies on the subscription model
- Access is after an embargo period has expired rather than immediately, because libraries will not subscribe if the content is available for free immediately
- Embargo periods are discipline specific and require careful consideration
- One size fits all approach is not workable for all academic disciplines

Distribution of journal half-lives

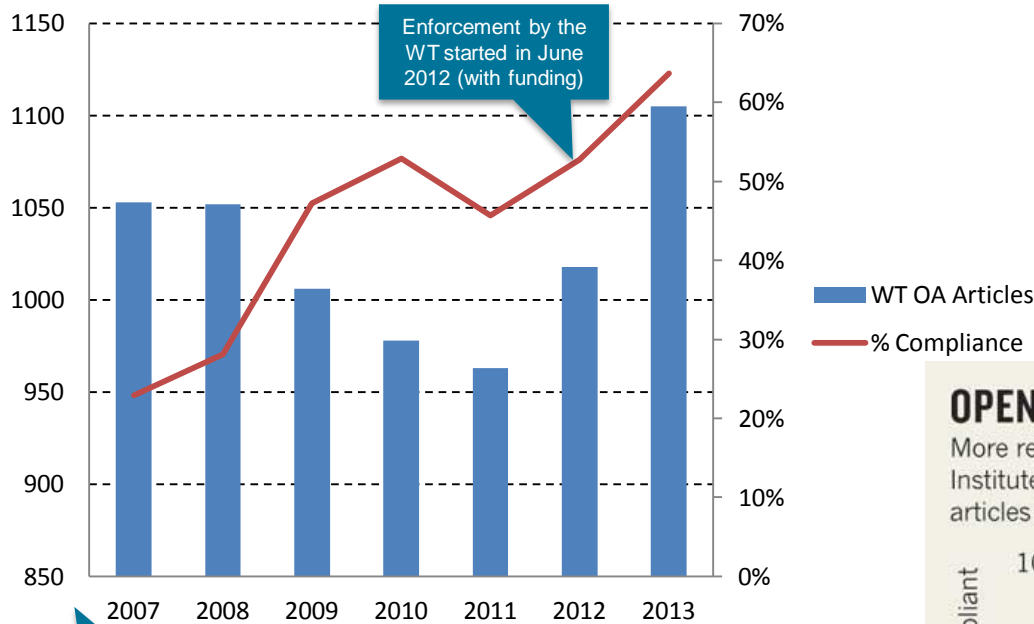


“we canceled [our subscription] because of free online access. Another year we might have resubscribed, but in times of declining budgets, it will be a more difficult decision”

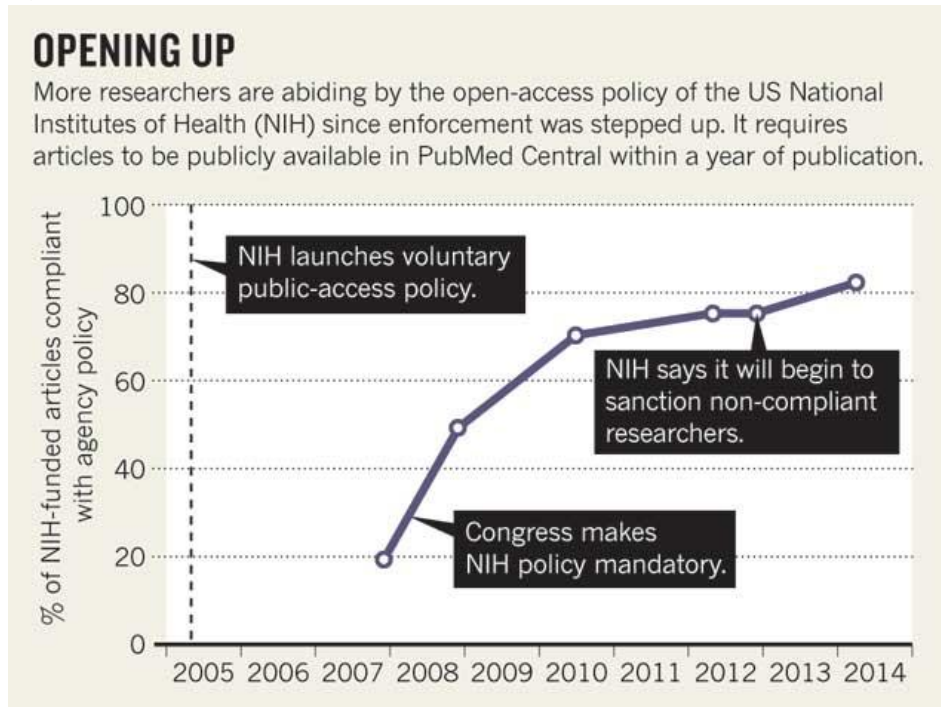
Leslie Czechowski, Assistant Director of Collections & Technical Services at the University of Pittsburgh Health Sciences Library.

Gold open access challenges – incentives & compliance

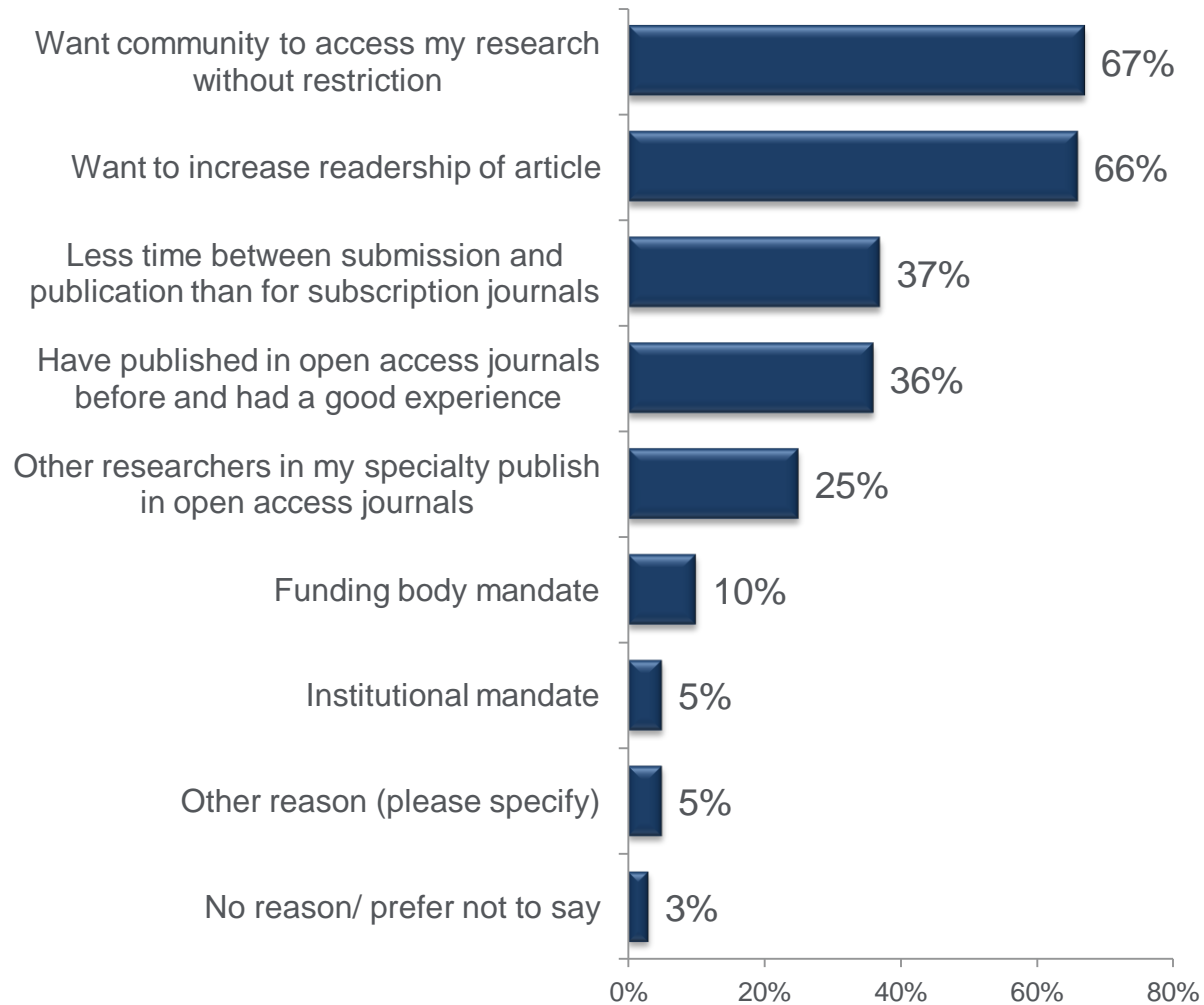
Wellcome Trust Open Access Articles in Elsevier Journals



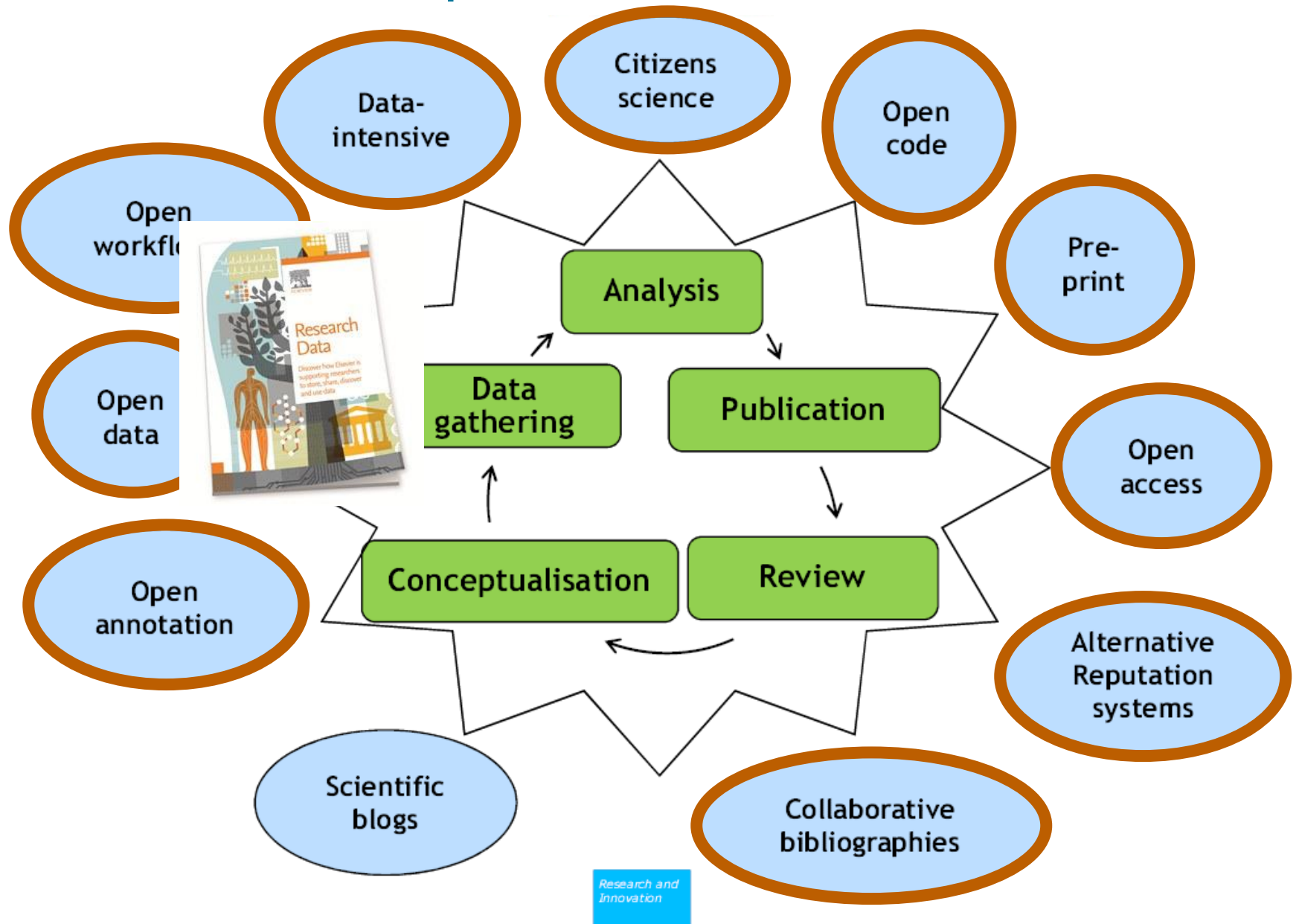
WT mandate since 2006



Voice of the researcher: why publish open access?



How about the future? Open Science

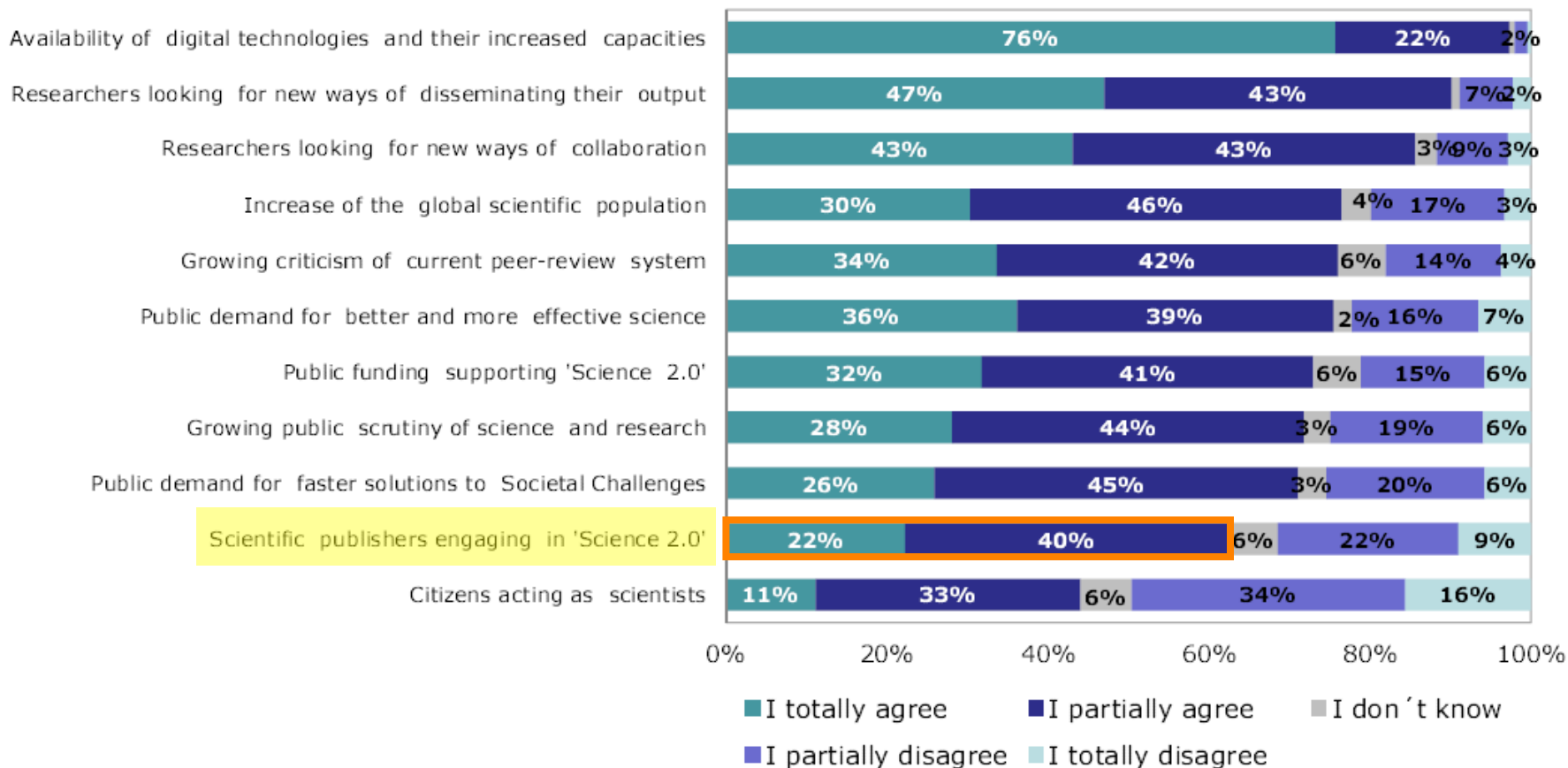




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European Commission public consultation on Science 2.0 (AKA Open Science)

What are the key drivers of 'Science 2.0'?



Sample size: 498
Missing: 8 to 12

Questions...



Open data

- **Practical Question - Open Data?**

- How do you implement OD? interoperability, standards, incentives, sustainability, etc.



Open access

- **Implementation Question – Sustainable for all stakeholders?**

- Researchers – How much time does it take?
- Institutions – What is my IR contingency plan?
- Funders – How much will it cost? How do I monitor compliance?
- Publishers – What embargo period?

- **Strategic Question - Culture change?**

- What is the value for researchers?
- What are the incentives? ... carrot or stick
- How do you help researchers understand all the policies?

Thank you