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PEER End of Project Results
Conference, Brussels, 29 May 2012

PEER – additional results

Supported by the EC eContent*plus* programme

the means whereby….

- ✓ **PEER Depot infrastructure**

- ✓ **Publisher participation (e.g. metadata transfer, deposit, author invitation, survey invitation, logfiles)**

- ✓ **Repository participation (e.g. deposit model, transfer process, user survey, logfiles)**

- ✓ **Author deposit**

- ✓ **User experience**

… lead to additional outcomes

1. **Scalable, efficient & international workflow**
2. **New modes of automated content management and distribution**
3. **Sustainable technical innovations for repositories and publishers**

4. **Opportunity for publishers to examine their policies vis-à-vis Green Open Access**

5. **Opportunity for repositories to reflect on deposit model and transfer process**

6. **Analysis of author deposit behaviour**

7. **Survey of user experience**

Publisher point-of-view (1)

- All publishers emphasize their OA publishing ventures and their hybrid offers;

- Collaboration with the PEER Depot was appreciated – for some the investment was significant, others already had complementary workflows and/or software;

- Some publishers have few or no issue(s) with manuscript self-archiving, but the PEER Project confirms that publisher cooperation would be required for any large-scale Green OA scenario – and this would be a game changer;

Publisher point-of-view (2)

- If publishers are part of a Green OA scenario (& not all can imagine this), then their expertise, cost and opportunity costs need to be recognized;

- If libraries strive to introduce usage as a (additional) pricing mechanism, then the proliferation of additional manuscript versions (e.g. Stage I, II) via repositories is highly problematic;

- Given the growth of open access publishing (gold & hybrid) & the investment of publishers in archiving, are the (substantial) additional costs for Green OA justified?

Repository opinion (1) – Deposit model

Systematic provision of a large number of manuscripts by publishers

• enables automated deposit of manuscripts and metadata

• expands the number of journal articles available to various OARs

• *some repositories consider as part of future green OA policies*

Deposit of stage two manuscript versions

• Heterogeneous versions from publishers, some originally not intended for public distribution

• quality check or standardization procedure would be desirable (by OAR's central depot or publishers)?

Repository opinion (2) – Transfer process

Efficient, automated transfer process

• development, implementation and intensive practical testing

• large quantities of documents and metadata to be processed and disseminated to repositories

• SWORD protocol for exchange of documents and metadata

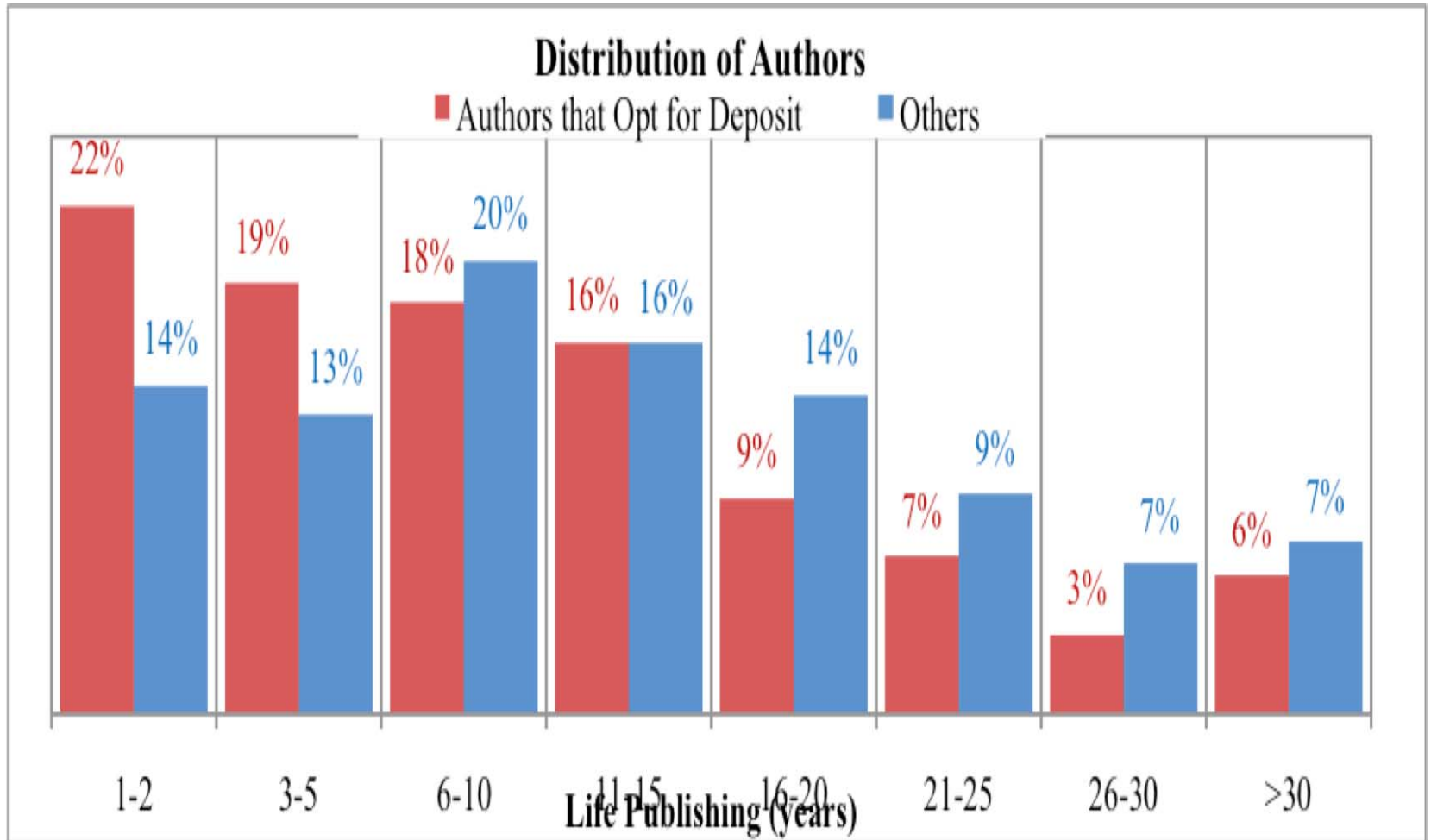• *some repositories consider as part future green OA policies*

Central processing unit (PEER depot)

• clearing house, filtering EU-authors

• matching manuscripts with metadata

• embargo management

• *some repositories consider as part of future green OA policies*

Author self-archiving

- Publishers raise author awareness upon submission

- Publishers invite authors upon acceptance

- Single deposit interface with a help desk

- Centralized management

- Convenient deposit:
  - Deposit prompted when manuscript fresh
  - Concerns about permission and copyright removed, so authors may deposit with confidence
  - As the invitation specified the manuscript version to be deposited, and authors had this version at hand, this facilitated prompt deposit

Year 2010: 118 depositors, 3,913 authors

Distribution of Authors

- Authors that Opt for Deposit
- Others

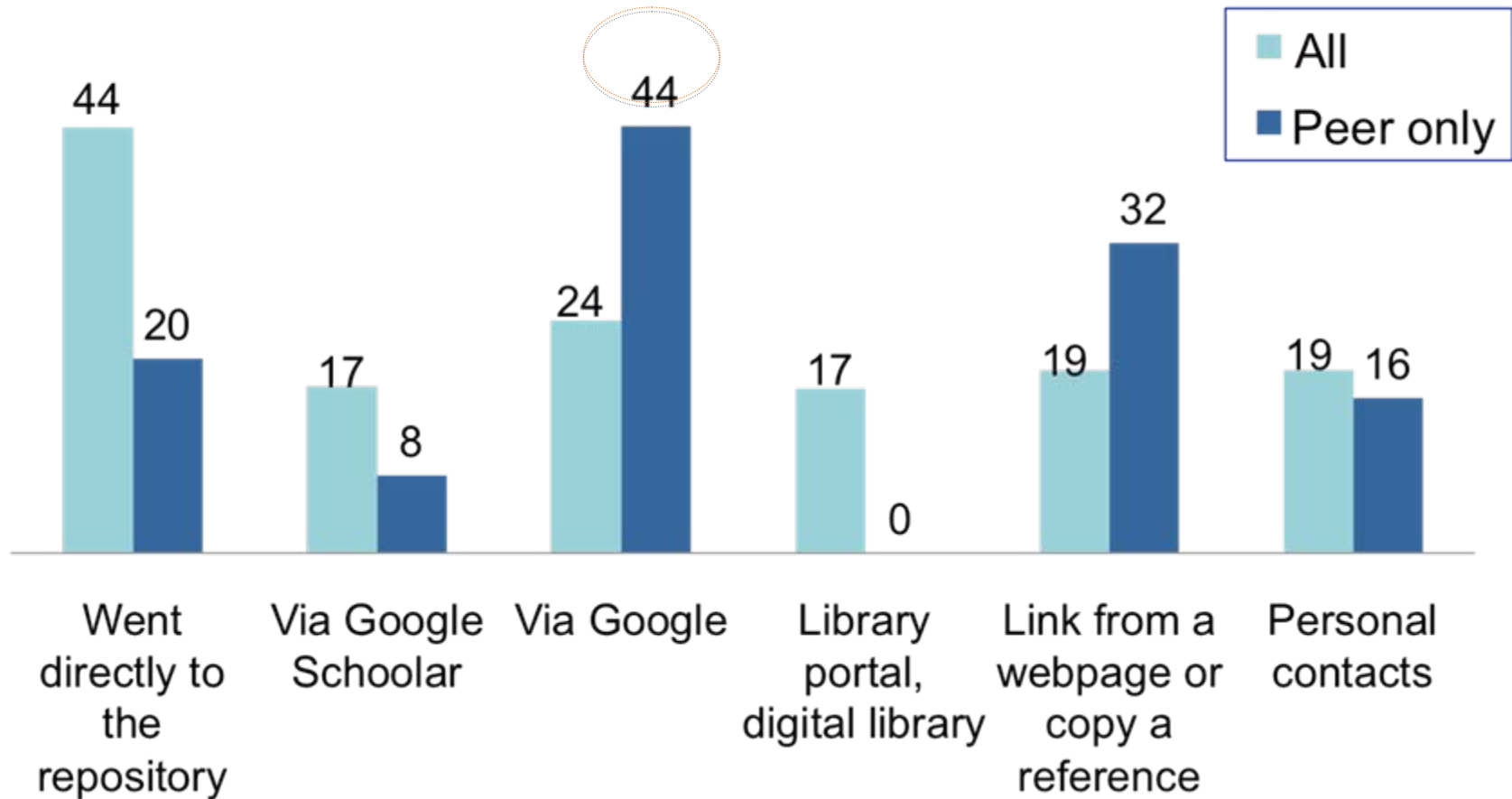| Life Publishing (years)	Authors that Opt for Deposit	Others
1-2	22%	14%
3-5	19%	13%
6-10	18%	20%
11-15	16%	16%
16-20	9%	14%
21-25	7%	9%
26-30	3%	7%
>30	6%	7%

User experience: Repository exit survey

- Host repositories and PEER Repositories: HAL, HAL INRIA, UGOE, MPDL, SSOAR

- Survey link: repository homepage or search page

- 299 responses from users visiting repositories (HAL & HAL INRIA = 226): this is a pilot survey (non-representative)

- Sample survey questions:

  - 3.1   Is this the first time you have visited an Open Access Repository?
  - 3.2   How do you arrive at the Open Access Repository?
  - 4.1   For what purposes do you visit the Open Access Repository?
  - 5.1   On this visit to the Open Access Repository are you looking for ..?
  - 5.2   Did you find what you are looking for?
  - 5.3   If you did not find what you are looking for, why not?
  - 6.1   Which version of an article have you found?
  - 6.2   To what extent is the version of the article you found satisfactory for your purpose?

Is this the first time you have visited an Open Access Repository? (%)

- Yes: All 19, Peer only 48
- No: All 74, Peer only 32
- Not sure: All 7, Peer only 20
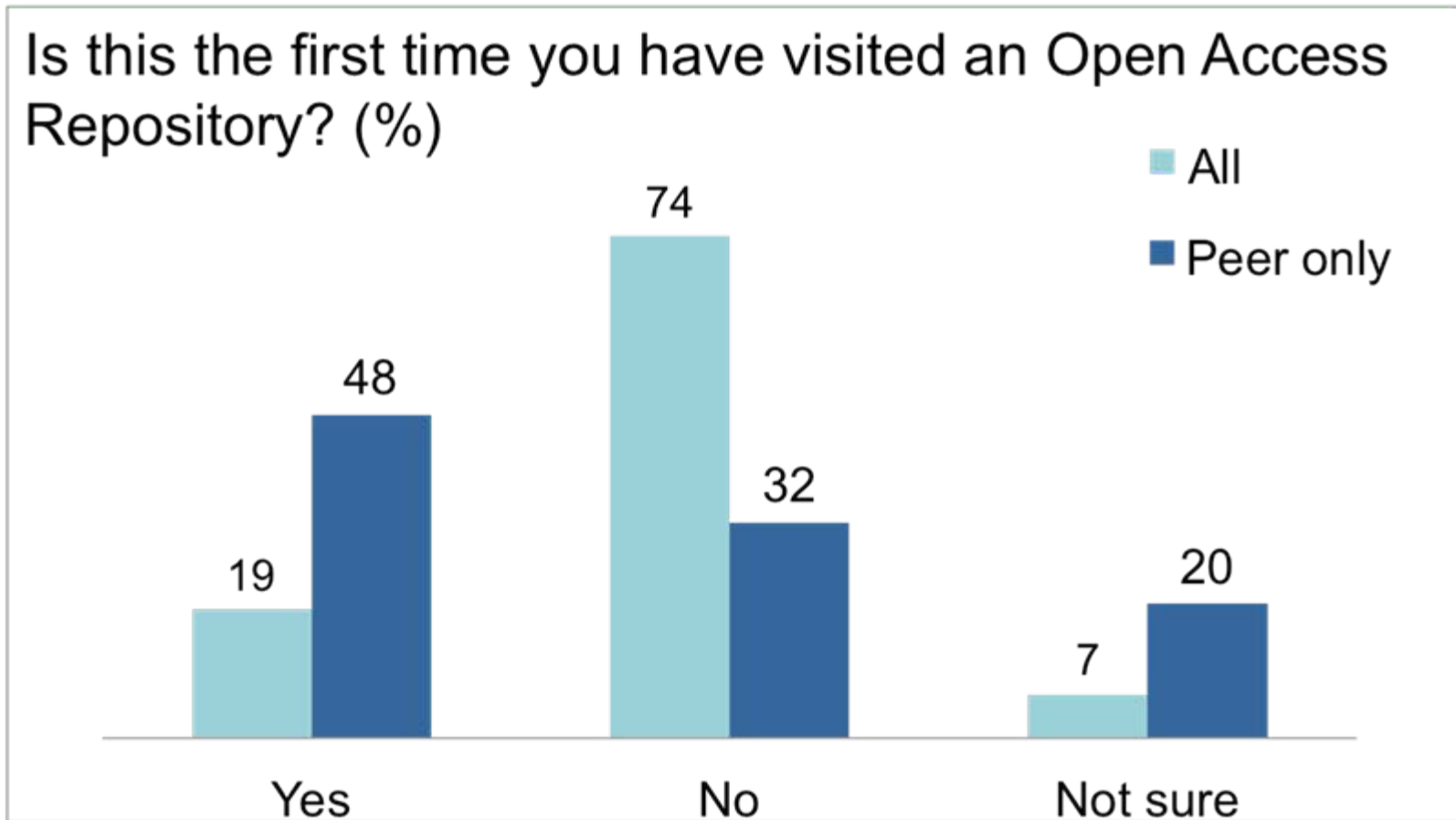
- PEER users are new, by chance, non regular

How do you arrive at the Open Access Repository? (%)

Respondents could tick more than one option

Legend: All (light), Peer only (dark)

Option	All	Peer only
Went directly to the repository	44	20
Via Google Schoolar	17	8
Via Google	24	44
Library portal, digital library	17	0
Link from a webpage or copy a reference	19	32
Personal contacts	19	16

- PEER users arrive via Google or link

On this visit to the OA Repository what are you looking for? (%)

	All	PEER only
A specific article?	38	52
Work by a particular author/ research group?	35	17
Articles about a particular topic (keyword search)?	52	43
Other	10	9
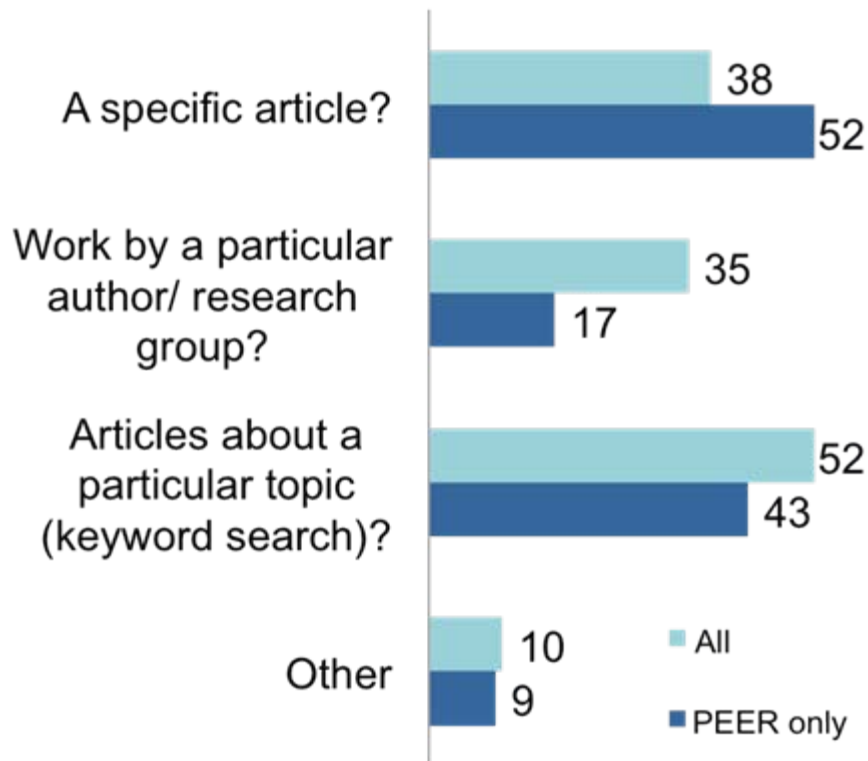
For what purposes do you visit the OA Repository? (%)
Respondents could tick more than one option

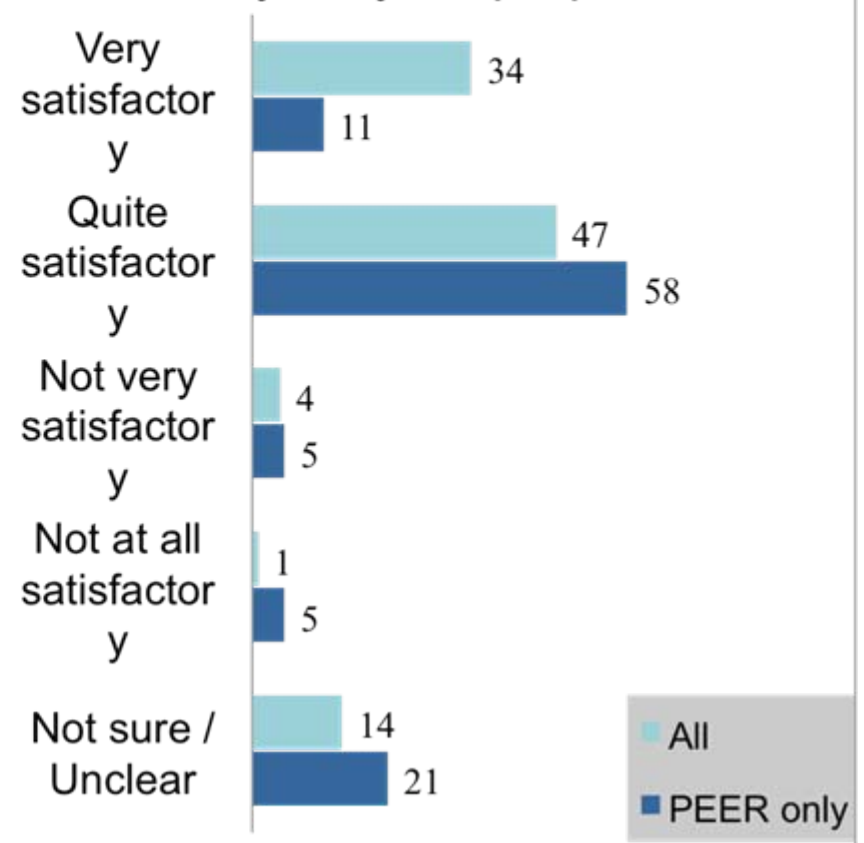|	
Current awareness, keeping up	32 / 4
Exploring a new topic	28 / 20
Writing an article, report or proposal	33 / 36
Literature review	40 / 40
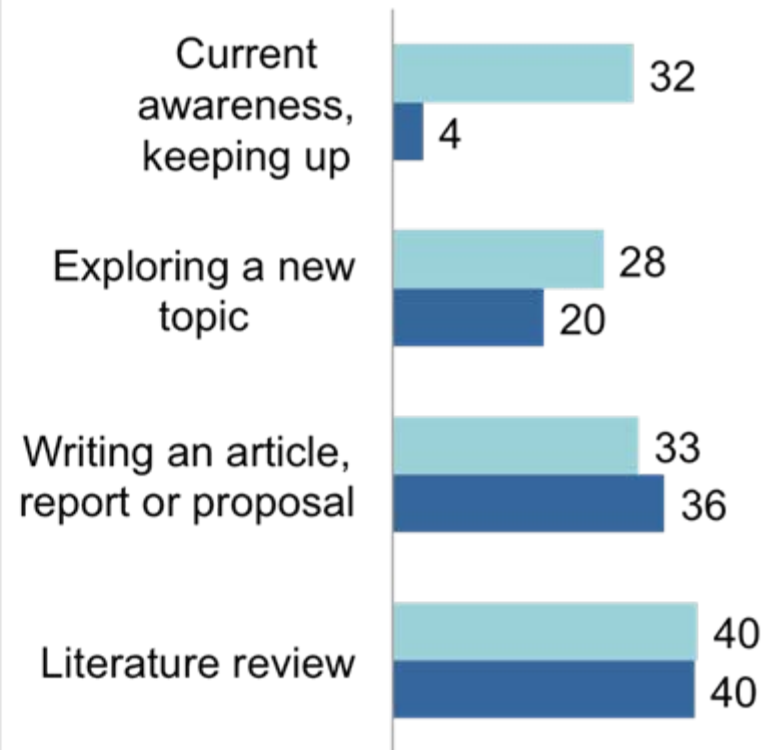
• PEER users look for a known item, that they need for writing an article or literature review

Did you find what you are looking for? (%)

- Yes, I found exactly what I was looking for — 38 / 17
- Yes, not exactly but something similar — 26 / 39
- Yes, I found something that is also useful — 19 / 13
- No, nothing useful — 6 / 17
- Not applicable — 12 / 12

All / PEER only
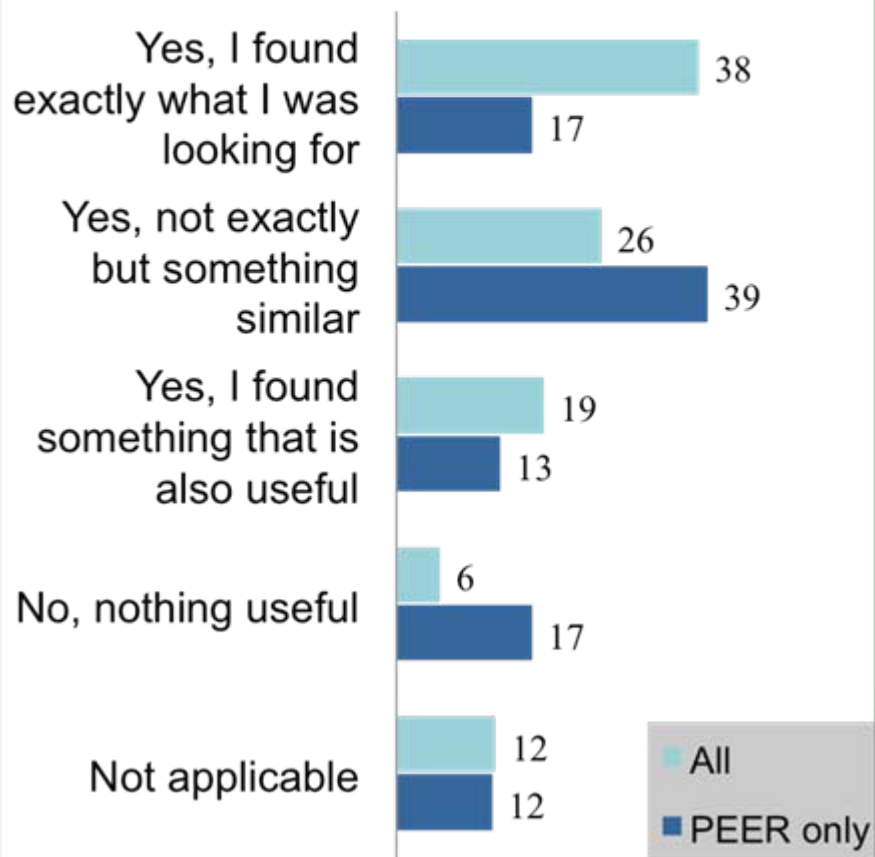
To what extent is the version satisfactory for your purpose? (%)

- Very satisfactory — 34 / 11
- Quite satisfactory — 47 / 58
- Not very satisfactory — 4 / 5
- Not at all satisfactory — 1 / 5
- Not sure / Unclear — 14 / 21

All / PEER only

- PEER users found something similar: the Stage II version
- The item is not "very", but "quite" satisfactory

User experience: Summary

- PEER content is more likely to be accessed directly via a search engine than by routinely visiting the repository

- For half of the PEER users Open Access was a new experience, they used it "by chance"

- Half of the PEER users were looking for a specific/known article, they (probably) had no regular access to

- Half of the PEER users found something similar (or: also) useful, but not exactly what they were looking for

    – Often users were not sure what version they got

    – For half the article found was only "quite" satisfactory

- But nearly everybody would use an OA repository again