

Boosting for green open access Why, Who and How?



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Open Access - what?

Just to make sure...

- ▶ Open access means that a publication is freely available on the public internet permitting any users to read, download, copy, distribute, print, search, or link to the full texts of these articles, crawl them for indexing, pass them as data to software, or use them for any other lawful purpose, without financial, legal, or technical barriers other than those inseparable from gaining access to the internet itself.

https://en.wikipedia.org/wiki/Open_access

Three ways to open access

- ▶ Gold OA: Open access journals, which may or may not charge a publishing fee.
- ▶ Hybrid OA: Subscription based journals, where authors can buy their own articles open access.
- ▶ Self-archiving, also known as **green open access**, refers to the practice of depositing articles in an institutional repository or a subject repository. An embargo period is usually needed.

Why Green Open Access?

The Finnish perspective

- ▶ In May 2016 the European Union announced that "all scientific articles in Europe must be freely accessible as of 2020".
- ▶ In Finland all researchers are encouraged (forced) to publish in journals listed in Finnish Publication forum
- ▶ How many *open access journals* do you think there are listed in Finnish Publication forum?

Why Green Open Access?

- ▶ Publication forum

 - Level 3 (the highest level): 1,5 % OA-journals

 - Level 2: 1,3 % OA-journals

 - Level 1 (the lowest): 4,5 % OA-journals

There is **absolutely no way** that Finland could in any way base it´s development of open science in gold open access!

I won´t even start to talk about the expenses...

Why Green Open Access?

... but if all Finnish research papers were published in OA-journals with just an average apc of 1200 € it would mean 20 000 000 €/year.

- ▶ Of course we have to support OA-publishing, but alone it is not a solution ... to anything.
- ▶ We need green open access (self-archiving) because: **it's cheap, it's efficient, it's easy, it doesn't require (almost) anything from researchers, it changes the world...**

Green OA impacts!

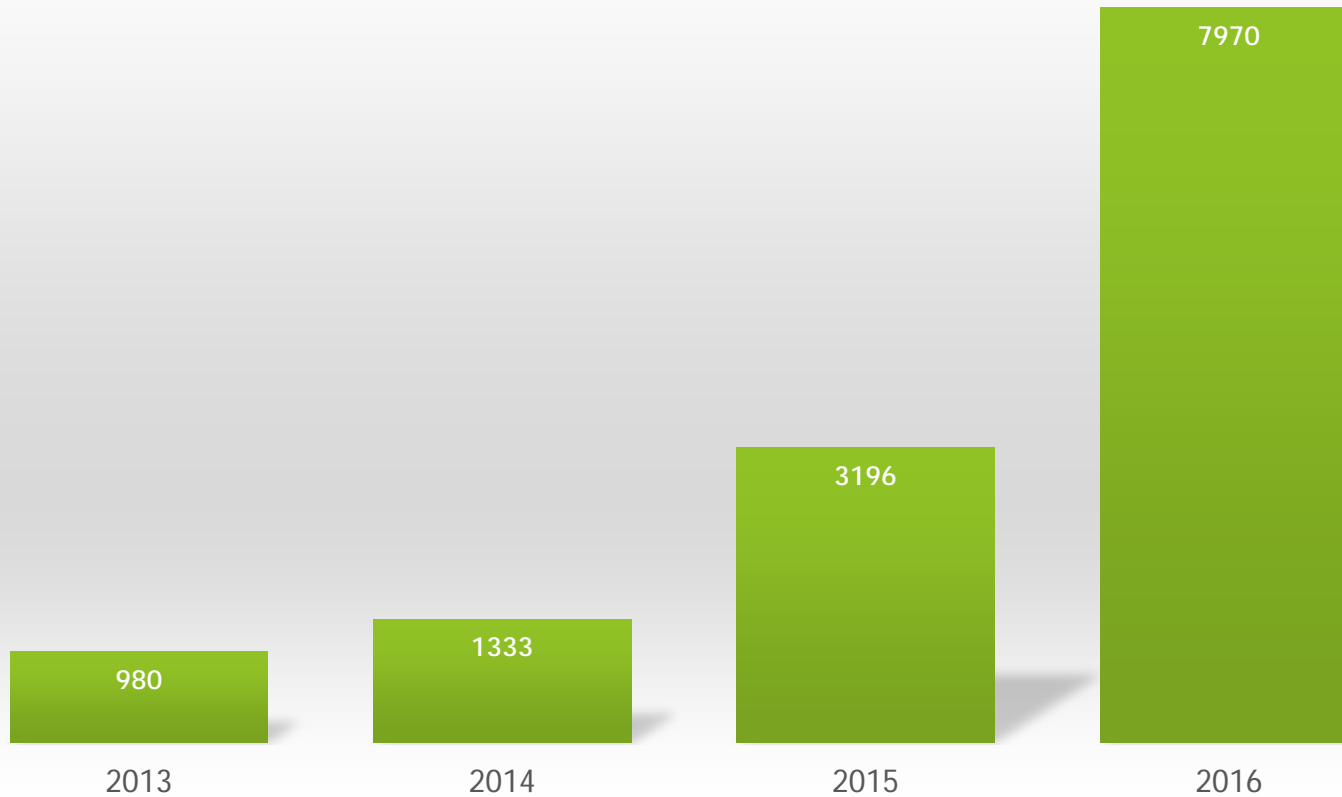
Field	Paper (n)	Reference (n)	not OA (arc)	OA (arc)	gold (arc)	green (arc)
TOTAL	3,350,910	34,865,430	0.81	1.23	1.06	1.28
Agriculture, Fisheries & Forestry	138,025	804,386	0.85	1.18	0.73	1.35
Biology	151,424	1,882,514	0.74	1.17	1.33	1.18
Biomedical Research	291,325	5,581,332	0.80	1.14	1.16	1.09
Built Environment & Design	16,648	84,825	0.83	1.28	0.79	1.35
Chemistry	317,930	2,432,155	0.90	1.24	0.65	1.34
Clinical Medicine	823,924	9,323,440	0.81	1.28	1.25	1.28
Communication & Textual Studies	28,178	37,152	0.78	1.93	0.81	2.16
Earth & Environmental Sciences	117,429	1,332,707	0.82	1.16	0.82	1.20
Economics & Business	66,037	607,155	0.65	1.25	0.67	1.27
Enabling & Strategic Technologies	250,651	2,404,079	0.89	1.18	0.79	1.30
Engineering	193,856	1,029,715	0.85	1.25	0.86	1.36
General Arts, Humanities & Social Sciences	3,932	11,757	0.65	1.69	0.99	1.65
General Science & Technology	31,793	1,906,904	0.93	1.10	0.84	1.20
Historical Studies	25,468	50,016	0.80	1.58	0.68	1.91
Information & Communication Technologies	97,786	582,010	0.72	1.23	0.98	1.27
Mathematics & Statistics	107,426	558,567	0.78	1.14	1.12	1.22
Philosophy & Theology	17,117	28,107	0.70	1.74	0.76	1.98
Physics & Astronomy	424,091	3,954,894	0.75	1.27	0.92	1.34
Psychology & Cognitive Sciences	70,022	1,026,674	0.69	1.23	1.15	1.19
Public Health & Health Services	85,703	804,085	0.83	1.17	1.00	1.23
Social Sciences	86,513	421,516	0.69	1.49	0.89	1.63
Visual & Performing Arts	5,632	1,440	0.83	2.19	1.17	2.69

Who's business is green open access?

- ▶ Term *self-archiving* hints that it is the author, who should take care of green OA.
- ▶ BUT it is not ...
- ▶ University libraries are the key players and librarians should take care of everything.
- ▶ Authors just take care of their files.
- ▶ Our experience suggest that in order to succeed, practices of green oa has to be centralized.

Situation in Finland

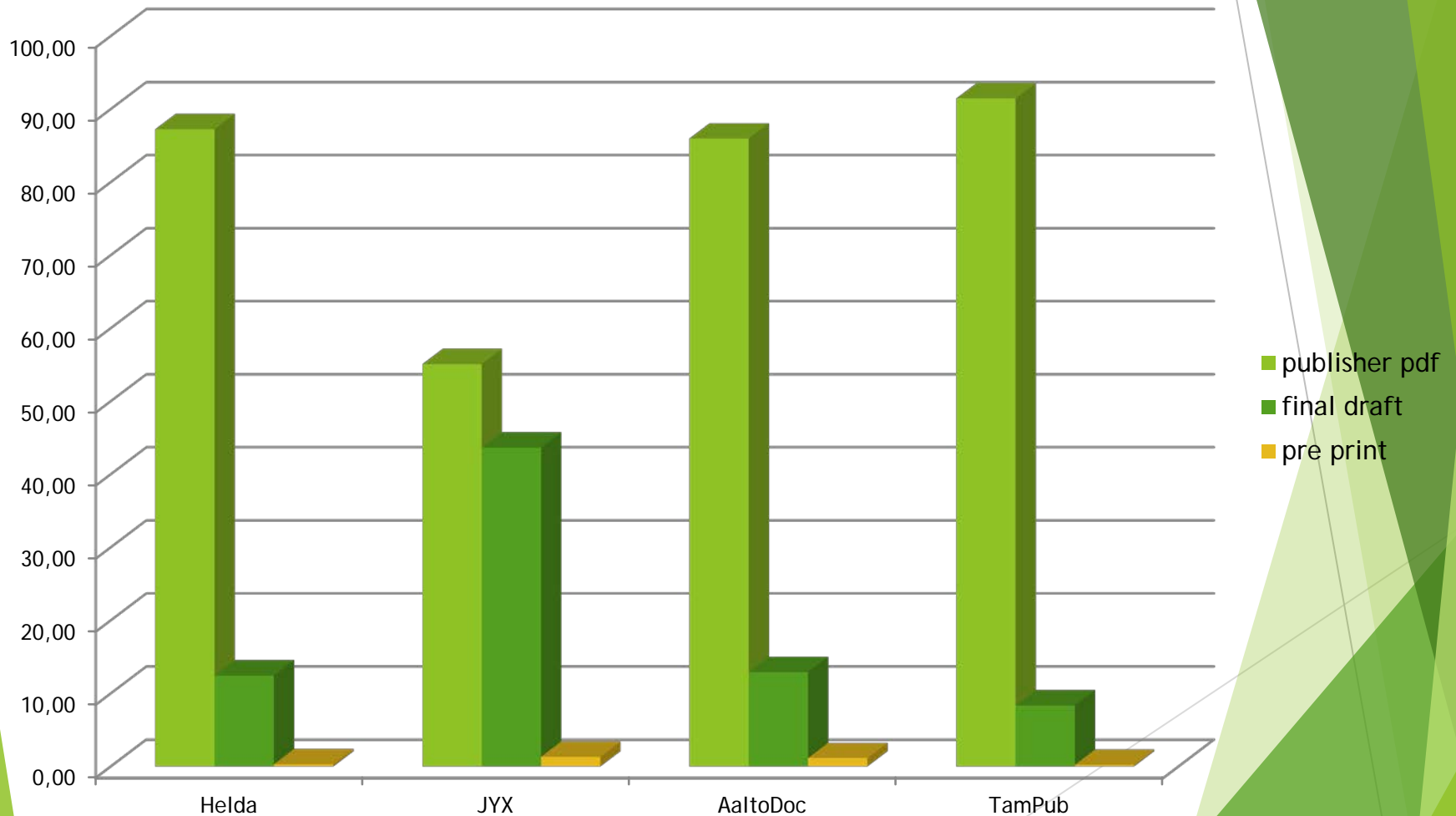
Green OA in Finland 2013-2016



What has happened?

- ▶ A big step has been taken in creation of centralized services; population of CRIS (research information system) and process of self-archiving are now libraries' business.
- ▶ Researchers don't have to worry about reporting of their publications or the green open access - it is taken care of on their behalf.
- ▶ But this is reality only in few universities.
- ▶ So is everything ok and openness of Finnish research is on it's way up?
No.

What is being deposited?

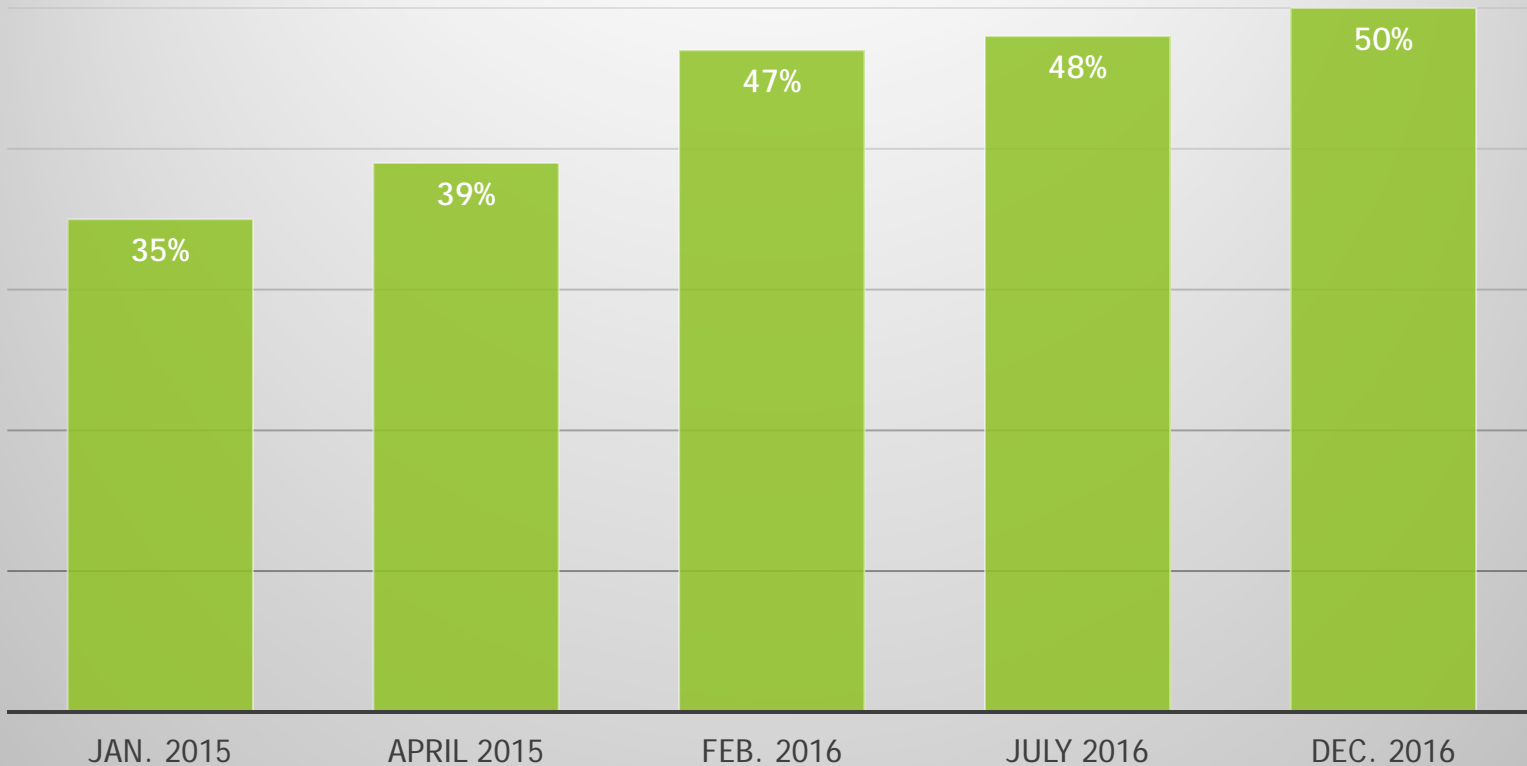


If final drafts are not deposited...

- ▶ Process of self-archiving is **not** working the way it should.
- ▶ We don't get anything from the authors.
- ▶ We just deposit what is already open somewhere else.
- ▶ We don't boost for open access.
- ▶ Openness in Finland does not increase.
- ▶ We are not doing what we should do!

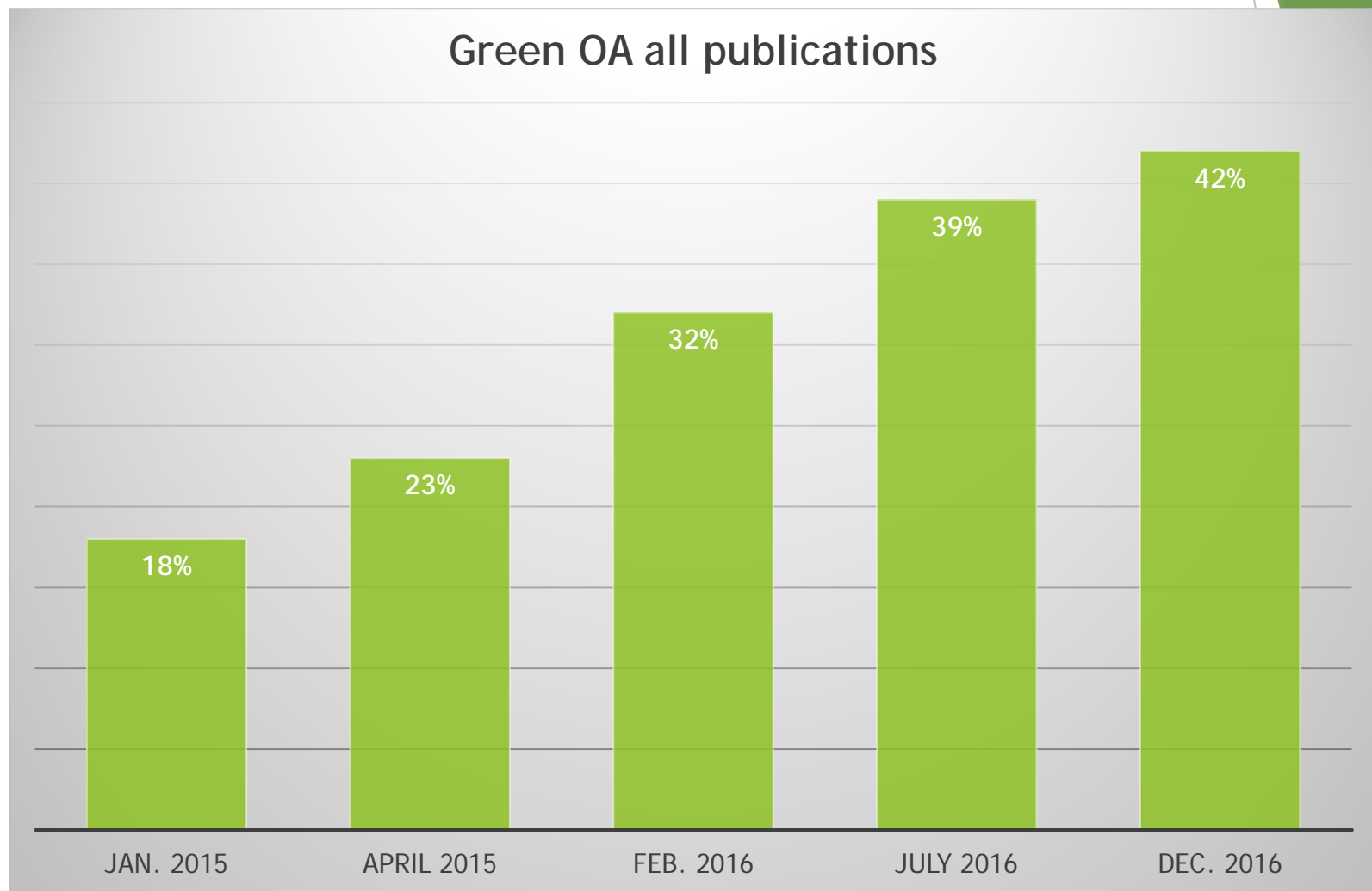
Development in University of Jyväskylä

Openness all publications



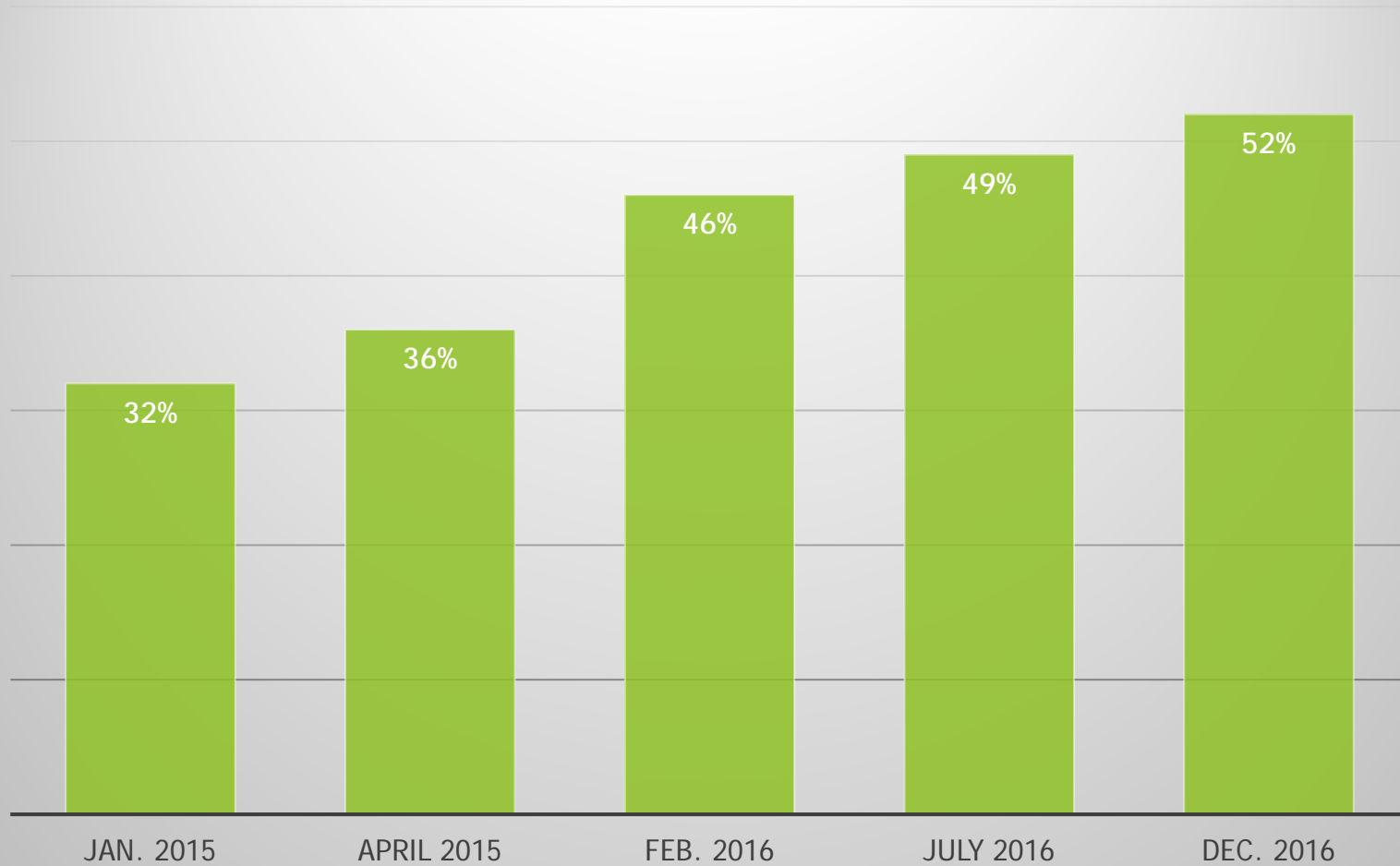
Development in University of Jyväskylä

Green OA all publications

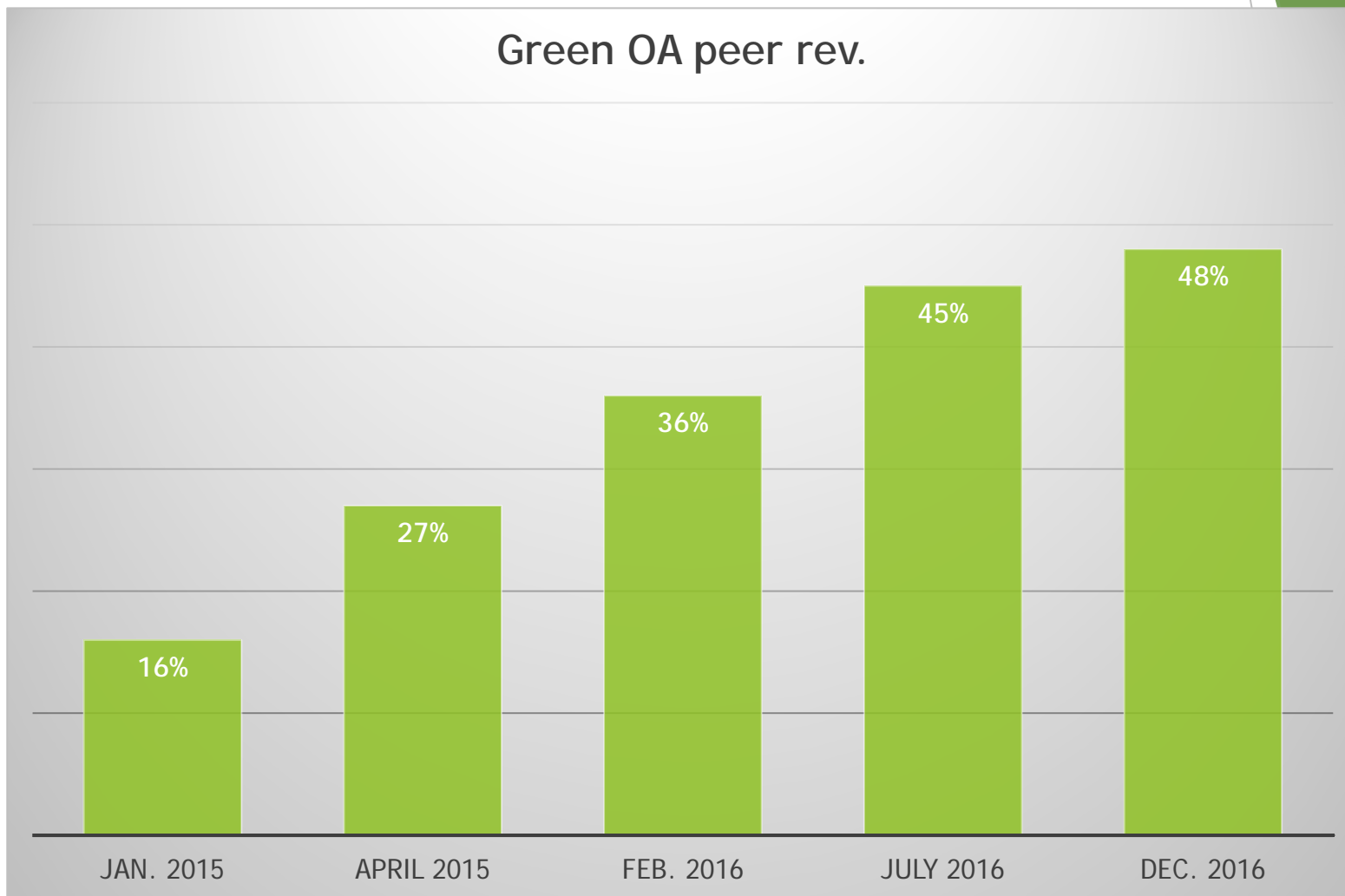


Development in University of Jyväskylä

Openness peer rev.




Development in University of Jyväskylä



Conclusions or lessons learned

- the how part

- ▶ Processes of CRIS and repository - cataloguing and publishing need to work together.
- ▶ Interoperability of IT-systems. A necessity.
- ▶ Question of expertise, learning process, growth of knowledge  work of a small group of specialists.
- ▶ Constant communication with researchers - show them benefits, make them think.
- ▶ Keep it simple.

Thank You

Questions??

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