

Japan Alliance of University Library Consortia for E-Resources

# From Subscription to Open Access?

– JUSTICE Study on OA publishing  
and APC spend in Japan –

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# About JUSTICE

JUSTICE: Japan Alliance of University Library Consortia for **E-Resources**

## Mission

Contribute to the enhancement of Japan's academic information infrastructure through **licensing negotiations**, management and long-term preservation of e-resources

## Established

**April 2011**

## Members

**533** university libraries (national, public, private), academic research center libraries

## Current EJ Sub. Offer

**24** e.g. Elsevier, Wiley, Springer Nature, T&F, IEEE, Wolters Kluwer, SAGE, OUP, ACS, APS, ...

# Current Status and Challenges in Japan

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1. JUSTICE members: 533  
Mostly small universities
2. Constant increase of subscription cost and FX fluctuation  
→ subscription business model is not working
3. No national level mandatory OA policy ;  
individual universities make their own effort towards OA
4. Funder OA policies are not well recognized among researchers; advocacy from libraries alone is insufficient for further advancement of OA

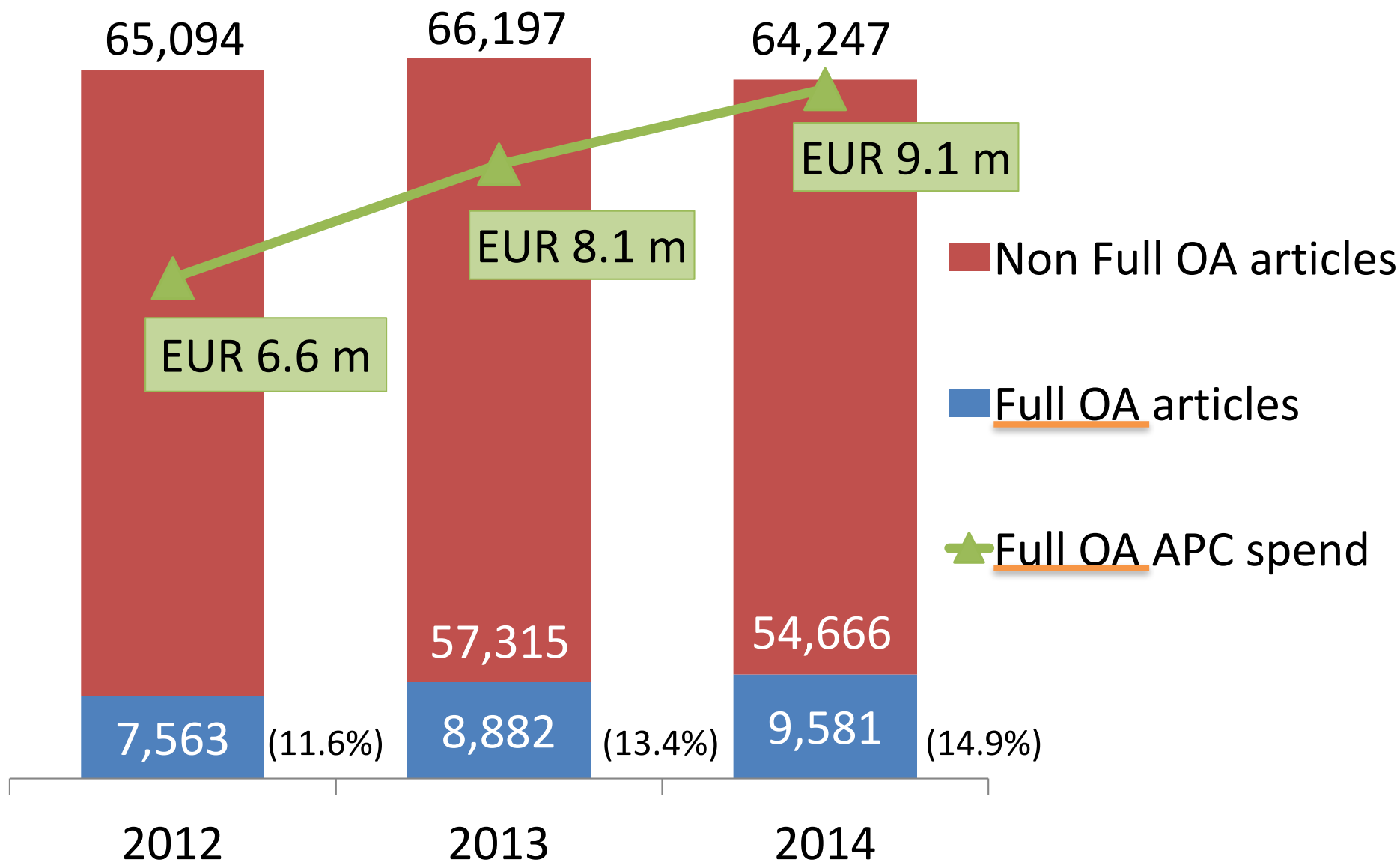
# JUSTICE OA/APC Study - Overview -

Objectives	a) To grasp the <b>total amount of APCs</b> Japan spends. b) To investigate the <b>possibility of “flipping”</b> from subscription model to OA publishing model.
Terms	September 2015 – March 2017
Methods	Obtain publication output data from <b>Web of Science</b> , combine with some more data from other sources, and aggregate the data.

# Data Source and Scope

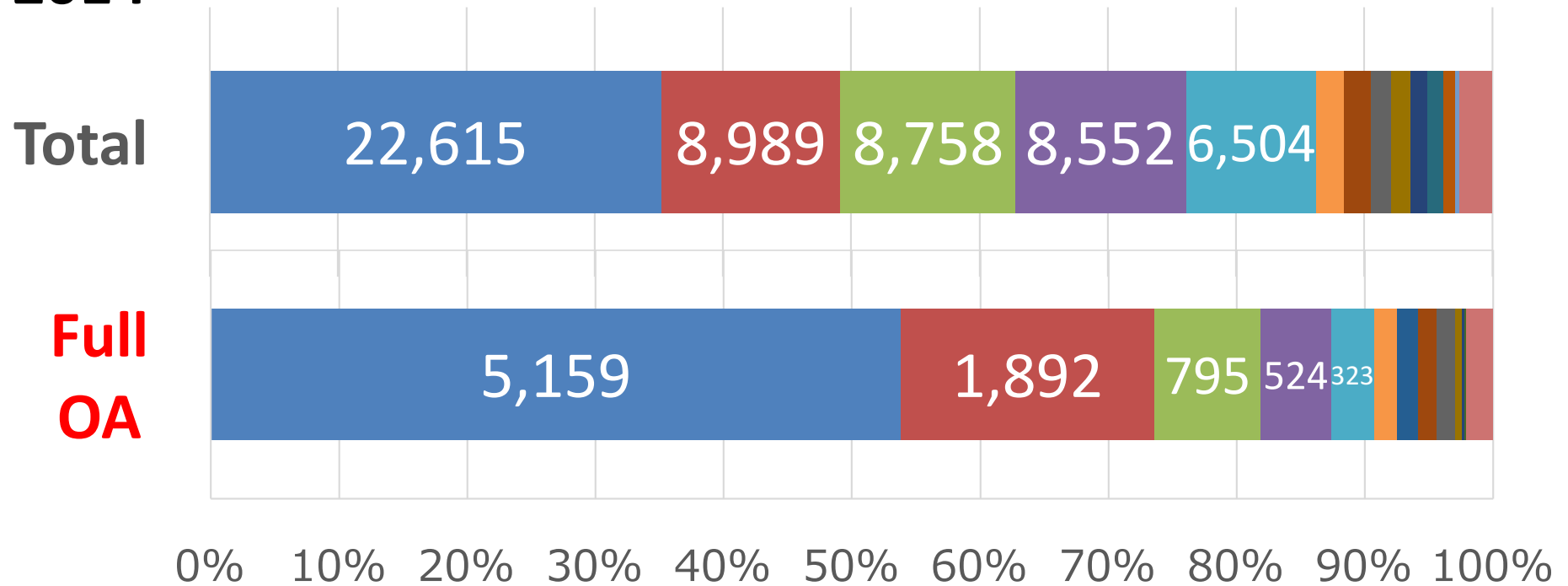
Publication Output Data	Web of Science
	✓ 2012 – 2014
	✓ Articles and reviews
	✓ Reprint Author – Country “Japan”
	✓ Full OA articles
APC Price	Existing Lists e.g. DOAJ
	Publishers’ website
Hybrid OA Articles	Request data from publishers
	<b>STRUGGLING WITH DATA COLLECTION!</b>

# Number of Articles and Estimated APC spend



# Number of Articles by Discipline

2014

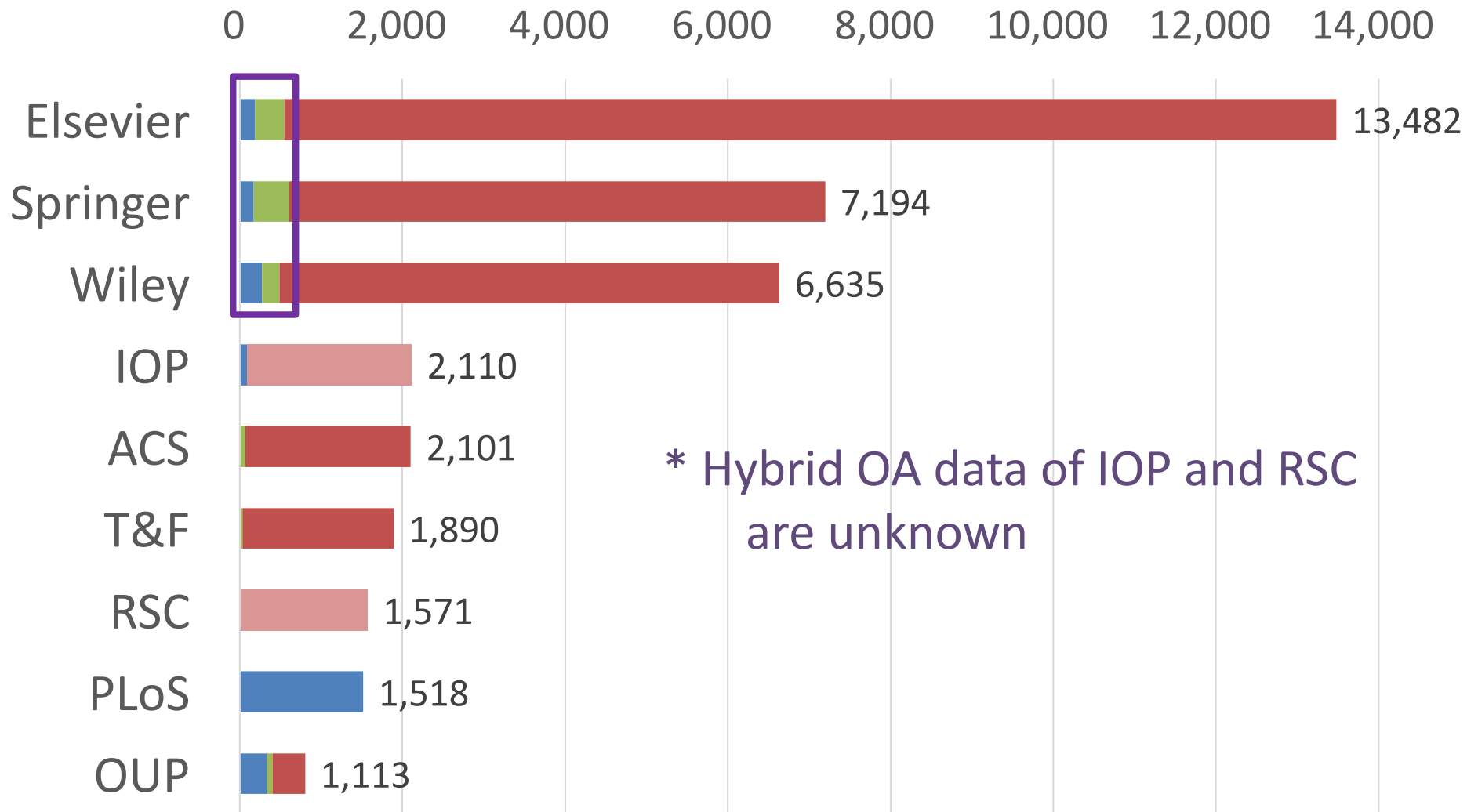


- Medicine
- Biology
- Physics
- Engineering
- Chemistry
- Earth Sciences
- Mathematics
- Psychology
- Social Science
- Computer Science
- Agriculture
- Astronomy
- Arts and Humanities
- Others

# Number of Articles by Publisher

**2014**

■ Full OA   ■ Hybrid OA   ■ Non OA

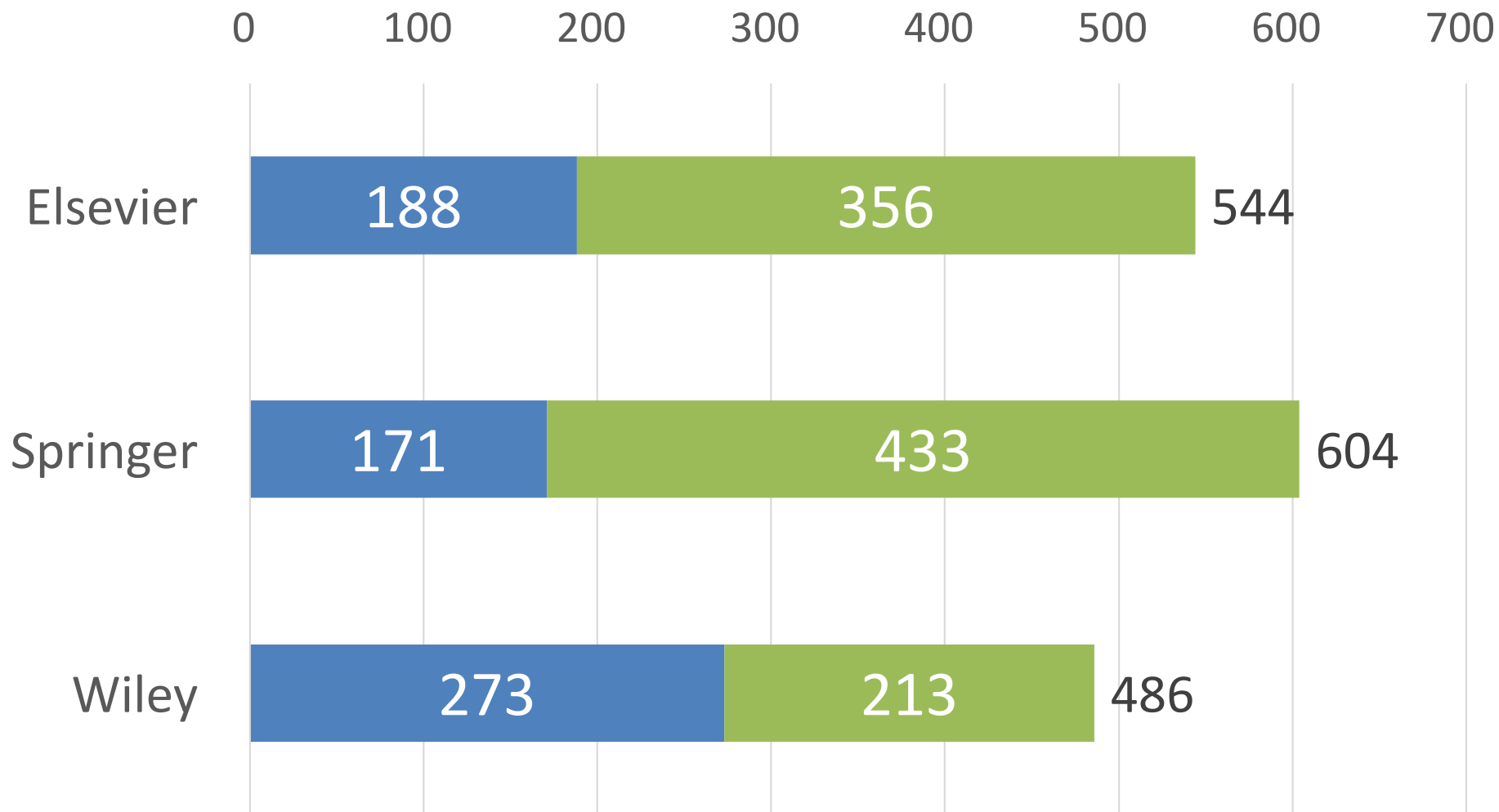




# Number of **OA** Articles by Publisher

**2014**

■ Full OA ■ Hybrid OA

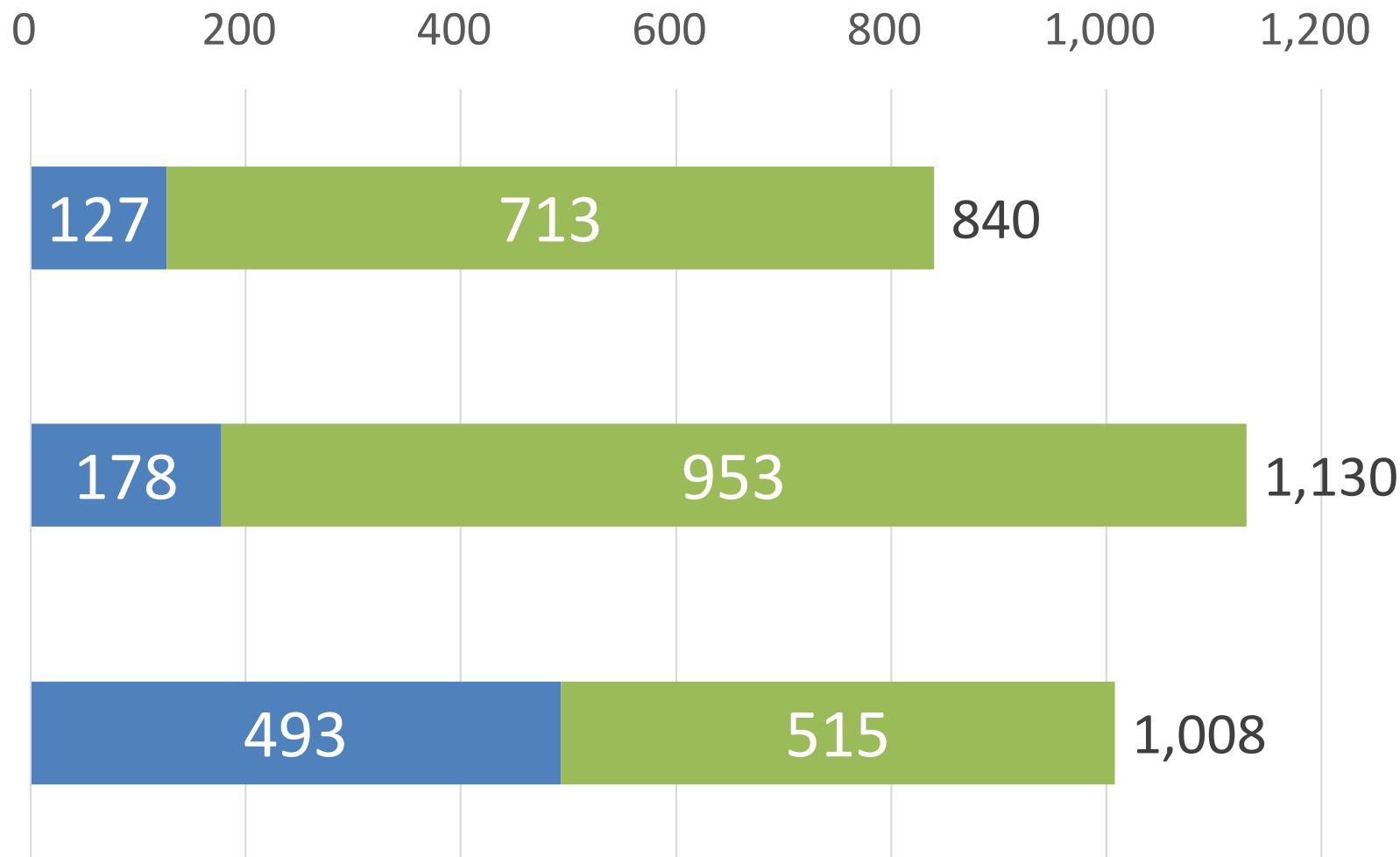


# Estimated APC Spend by Publisher

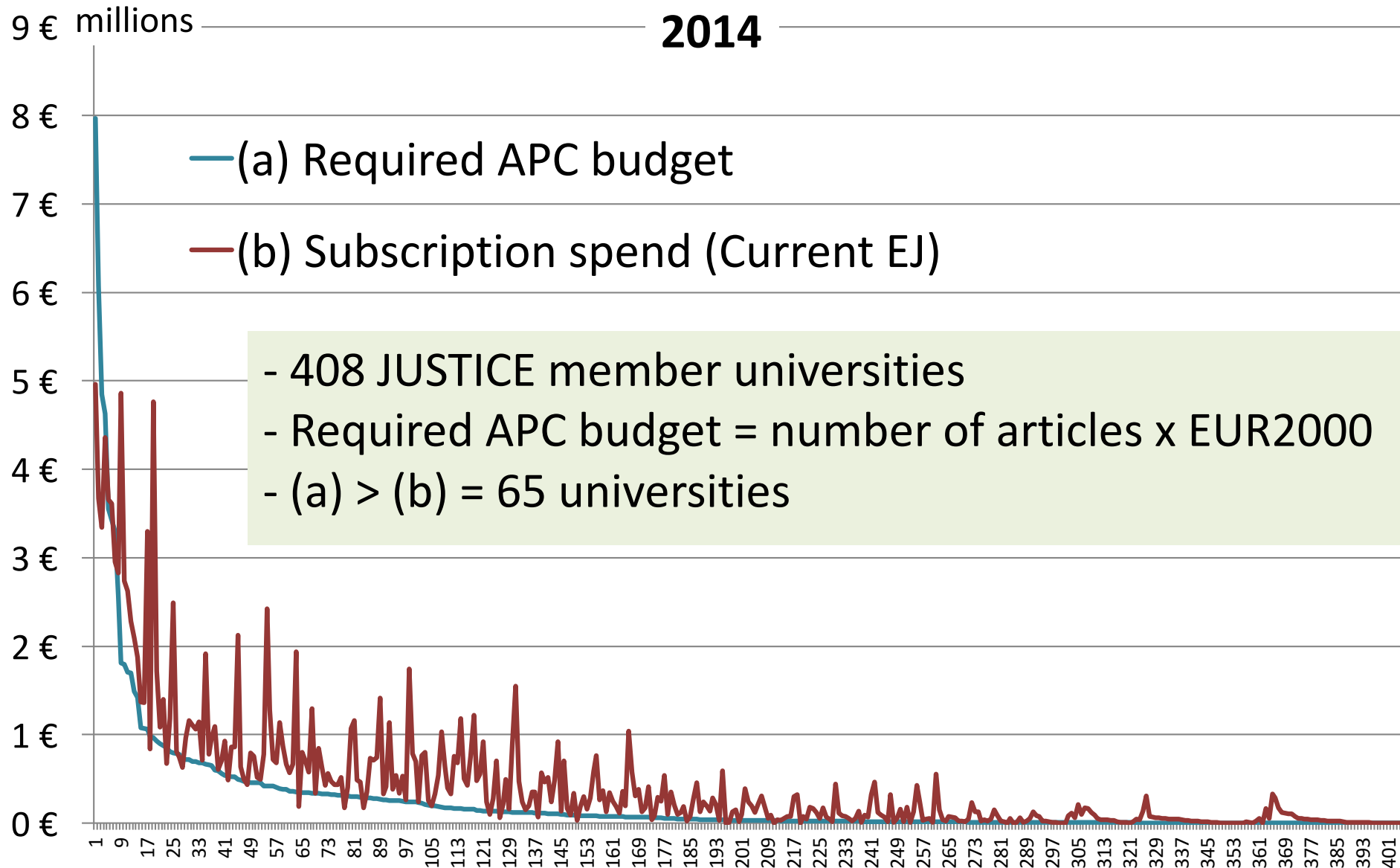
2014

■ Full OA ■ Hybrid OA

(Euro in thousands)



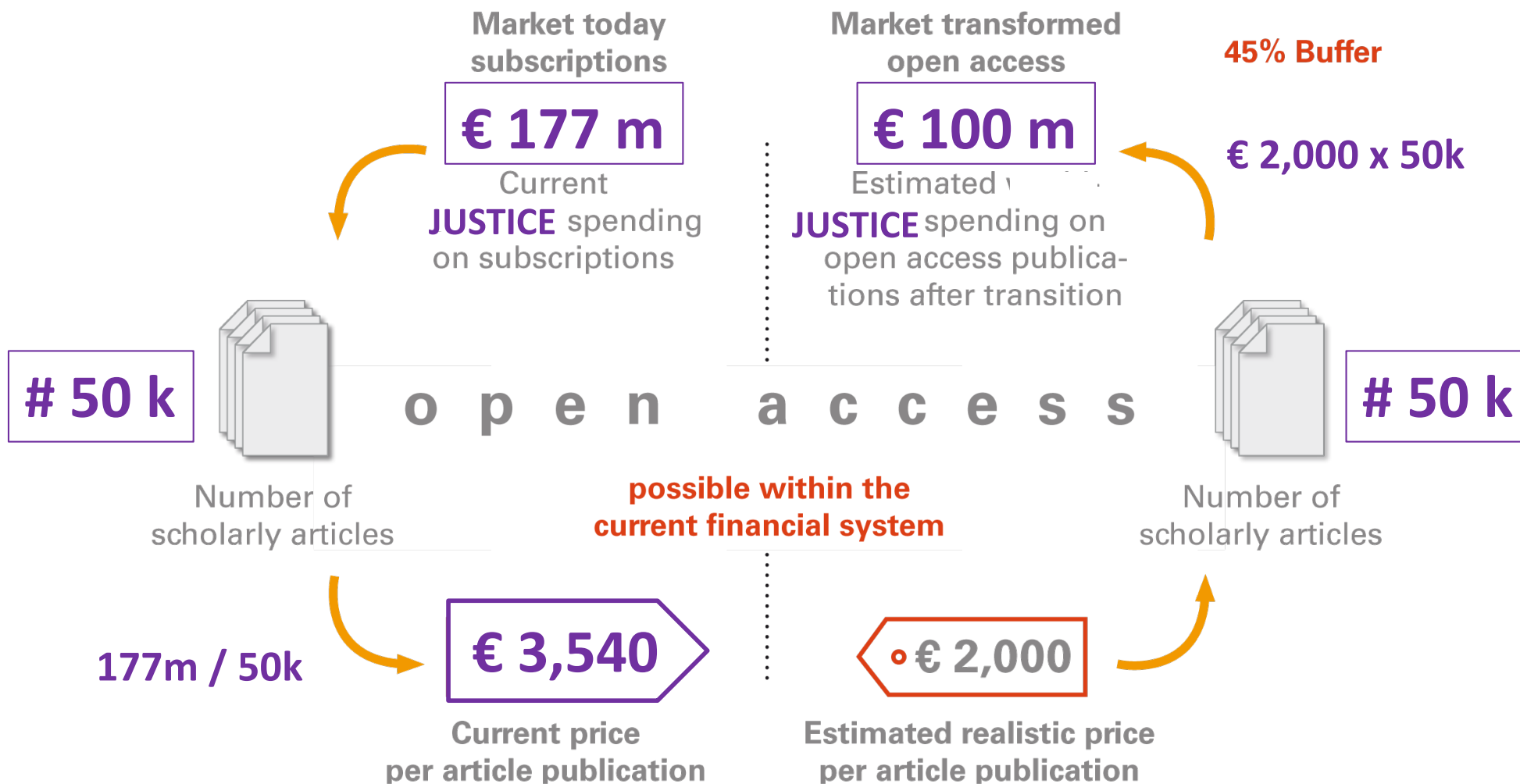
# Calculation for “Flipping”



# Calculation for “Flipping”

## JUSTICE members Publishing Market

€ 1 = ¥ 142  
(in 2014)



# Findings (so far)

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## i. Grasping APC Spend

- ✓ APC spend on **Full OA (2014) : € 9.1m**
- ✓ Difficult to grasp APC spend on **Hybrid OA**
- ✓ Researchers are already paying great amount of APC with their own research funds
- ✓ Need monitoring institution's APC spend on library side
- ✓ Need continuous survey and monitoring

# Findings (so far)

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## ii. Possibility of “Flipping”

- ✓ **In theory**, subscription budget is **enough** to make all articles OA in Japan
- ✓ How do we move from current status to “Flipping”?
  - Consortium as a whole?
  - Different approaches by library groups?
- ✓ We will continue our fact findings, and plan to discuss these issues at “Science Council of Japan”

Thank you!