



# OPEN SCIENCE THAT WILL CONTRIBUTE TO OPEN INNOVATION

Committee on Open Science, SCJ

Miwako Doi

National Institute of Information and  
Communications Technology

July, 30, 2017

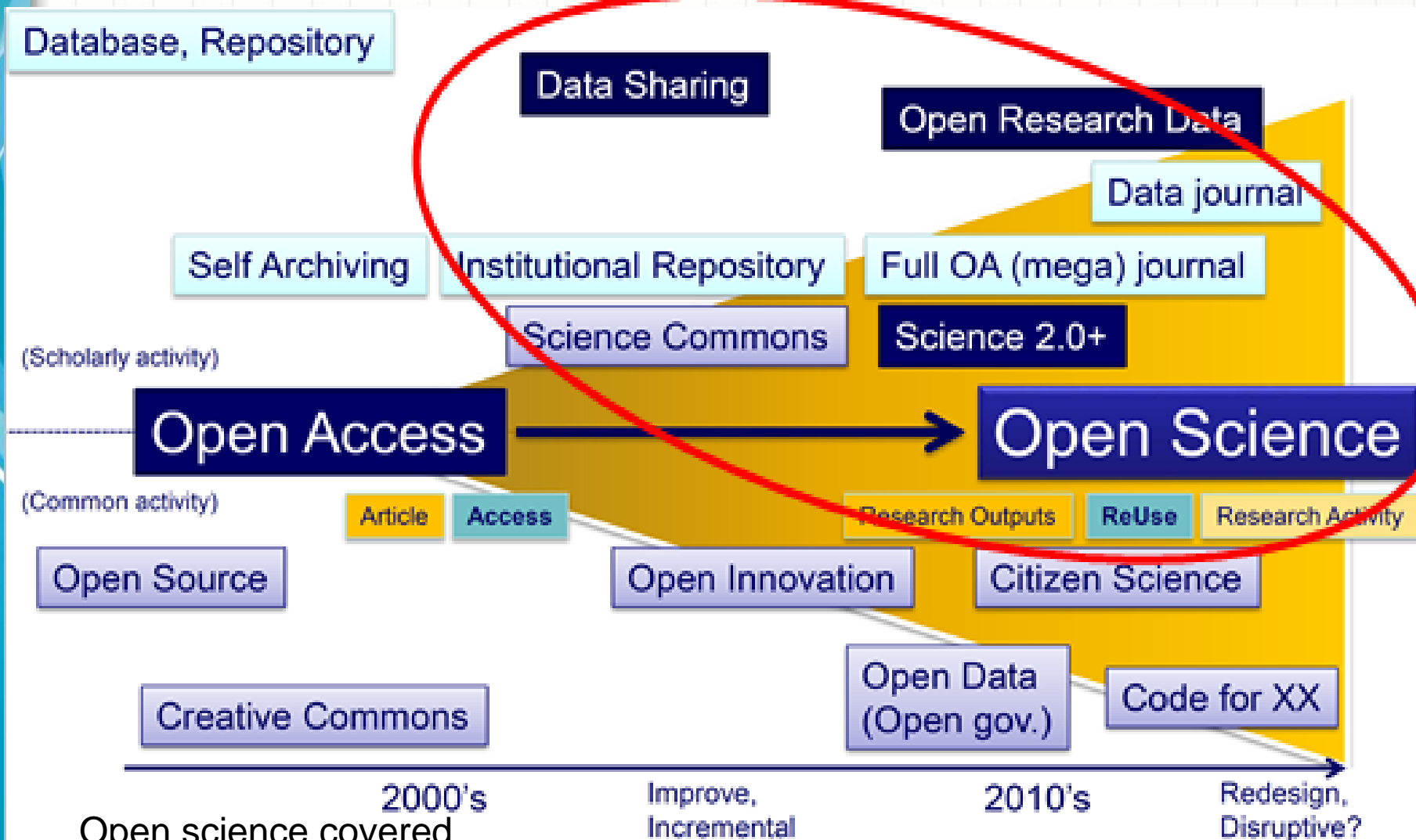
Wiley Executive Seminar

Conflict of Interest (COI) of the Presenter: No potential  
COI to disclose

# SCJ Activities

- In 2010 the Science Council of Japan recommended the establishment of a “comprehensive scientific journal consortium” relating to scientific journals.
- The Committee on Open Science was launched with a focus on crafting a vision for “openness in research data” and “data sharing.”

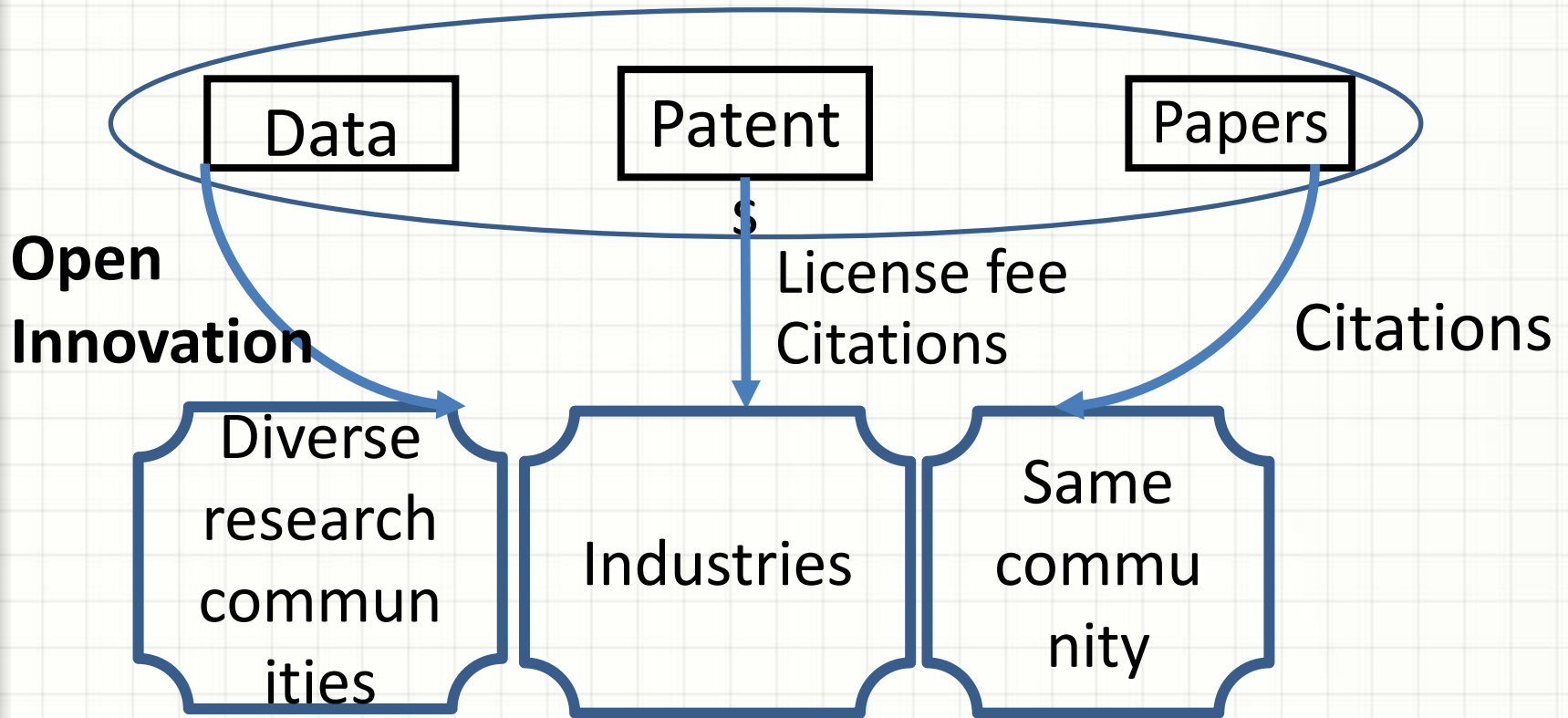
# Open Science targets



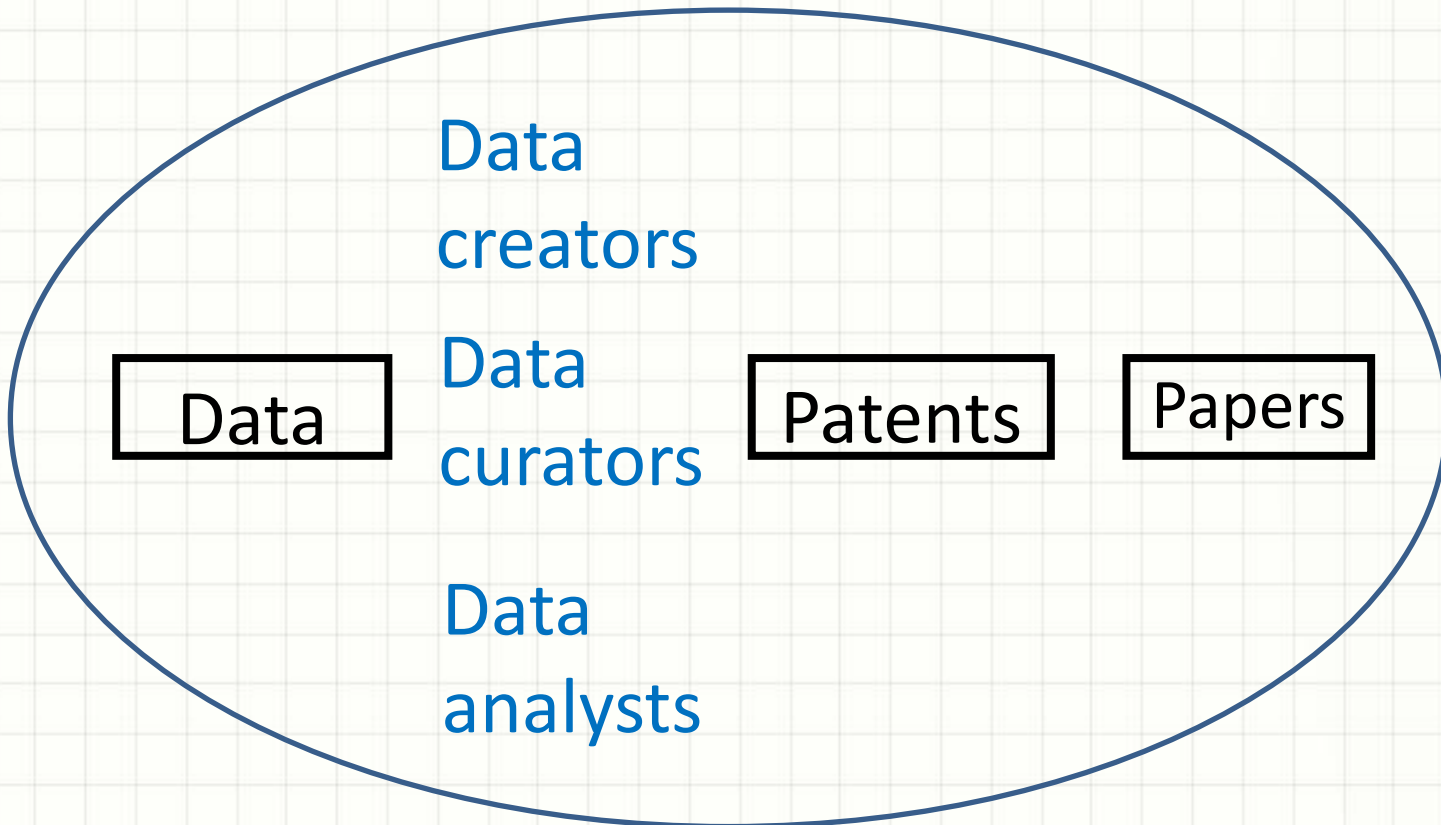
Open science covered

Source: Report from the Cabinet Office's Expert Panel on Open Science based on Global Perspectives

# Paradigm Shift of Research : Papers→Data



# Paradigm Shift of Research : Papers→Data

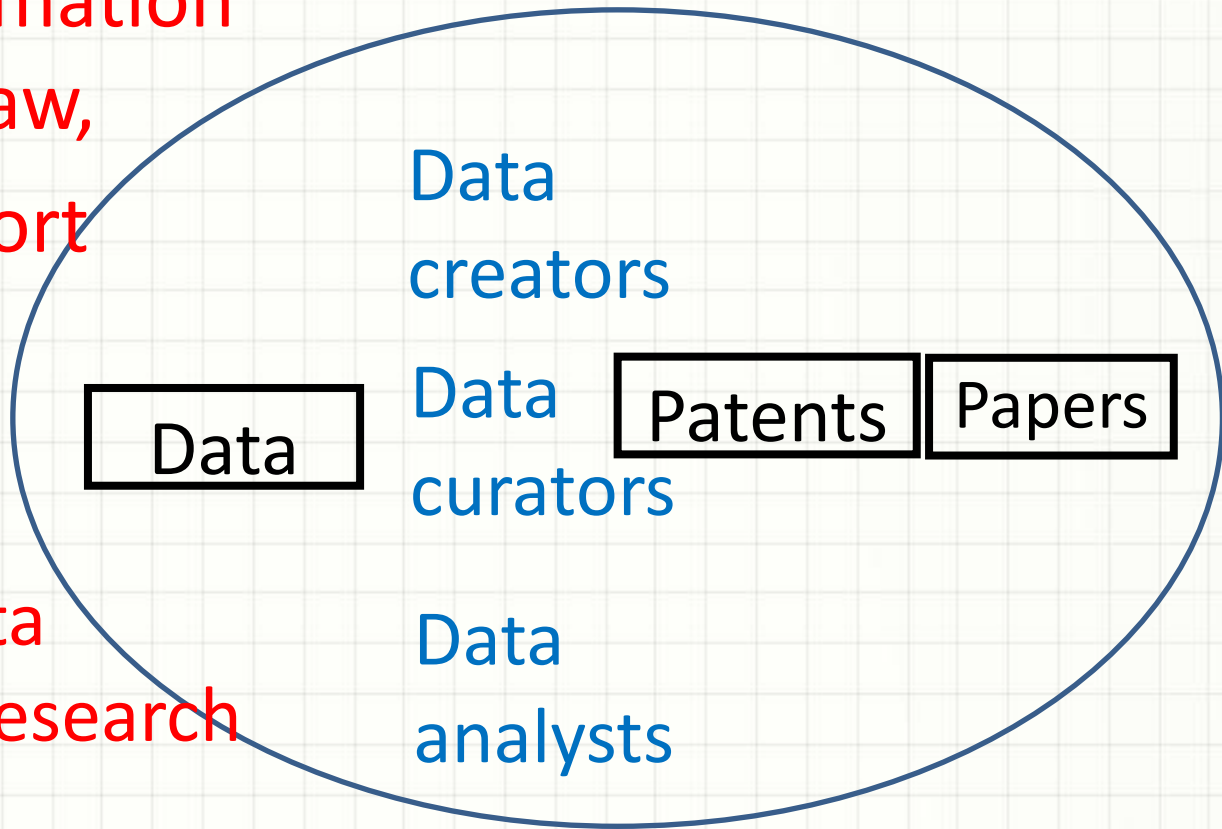


# Paradigm Shift of Research :

Papers → Data

Legal compliance for  
Private Information  
Protection Law,  
Security Export  
Control,  
and etc.

Ten years data  
keeping for research  
misconduct  
countermeasures



# Recommendations

- ① **Establishment of a research data infrastructure that allows the management of and ensures the openness of interdisciplinary research data**

ref. next slide

- ② **Establishment of data strategies by research communities**

From the perspective of costs, the key point is to establish clear criteria for the selection of data. A mechanism for establishing and administering data repositories based on the open/closed data strategies determined by research communities will be included in the research data infrastructure described in Recommendation (1) above.

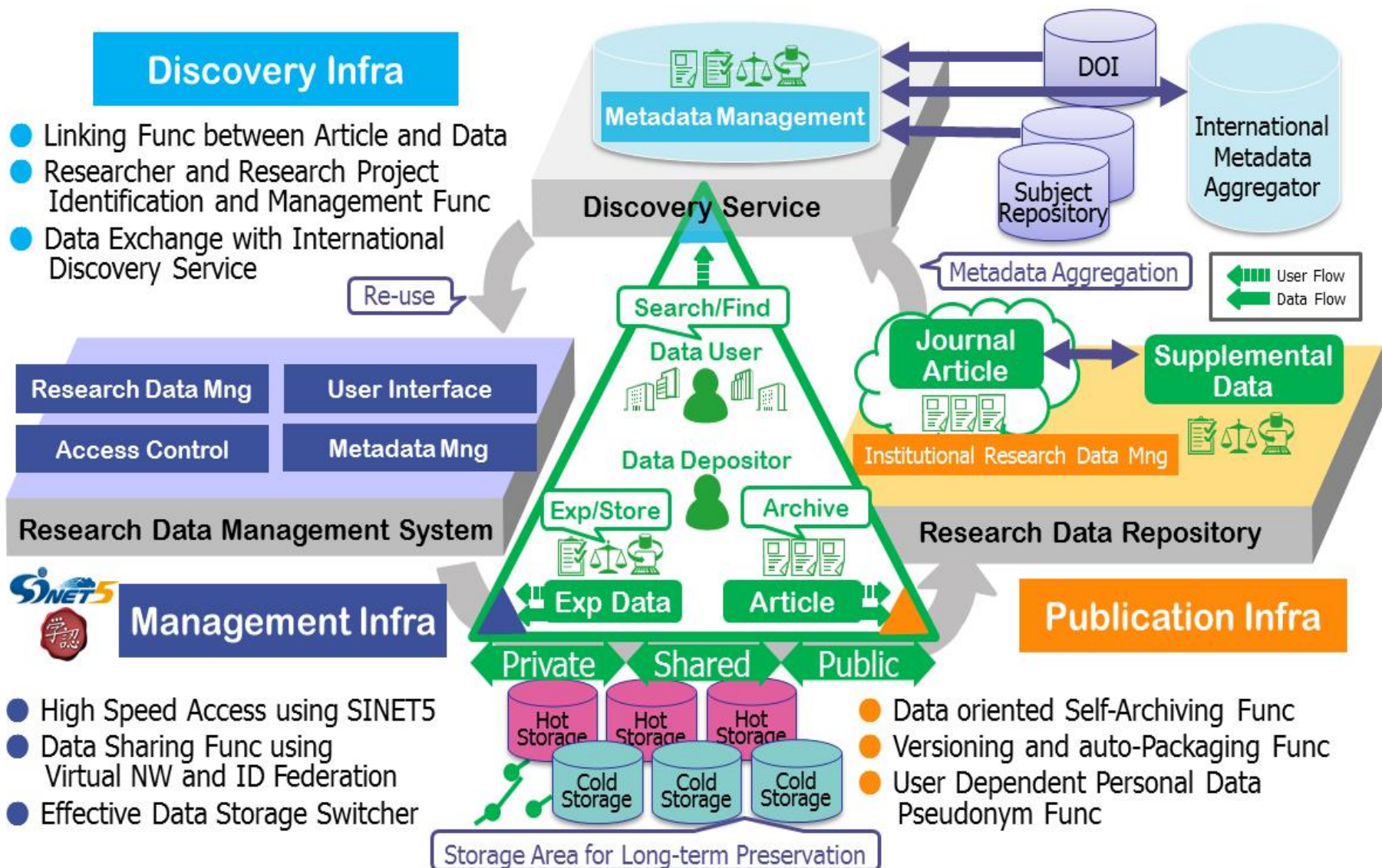
- ③ **Career design for data producers and data curators**

The data producers and data curators who have provided data for academic papers must be named in academic papers.

# Research data infrastructure for open science

## Objective

For facilitating interdisciplinary open science in Japan, national level common infrastructure is crucial. The infrastructure which allows researchers to manage and publicize their research data is designed and developed in corporation with academic communities.





資料の無断転載はご遠慮下さい。

(No reproduction or republication without written permission)

お問い合わせ先：ワイリー・パブリッシング・ジャパン株式会社  
学会英文誌出版部

Tel 03-3830-1233

Email [jtominaga@wiley.com](mailto:jtominaga@wiley.com)