

# Open source initiative in Japan

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**IPA** IT Promotion Agency  
Japan

# IPA Digital Infrastructure Center

Develop the foundation for a digital society on a global level by 2030.

Anyone can transform their business  
to the cutting edge one

Anyone can realize their ideas

Digital Infrastructure Center

Digital Transformation

Innovation



Anyone can anytime use infrastructure and resources

AI

Data Spaces

**Digital Infrastructure**

Data

Rule

Tool

Methodology

Use Cases

Courseware

Software Engineering

Open Source

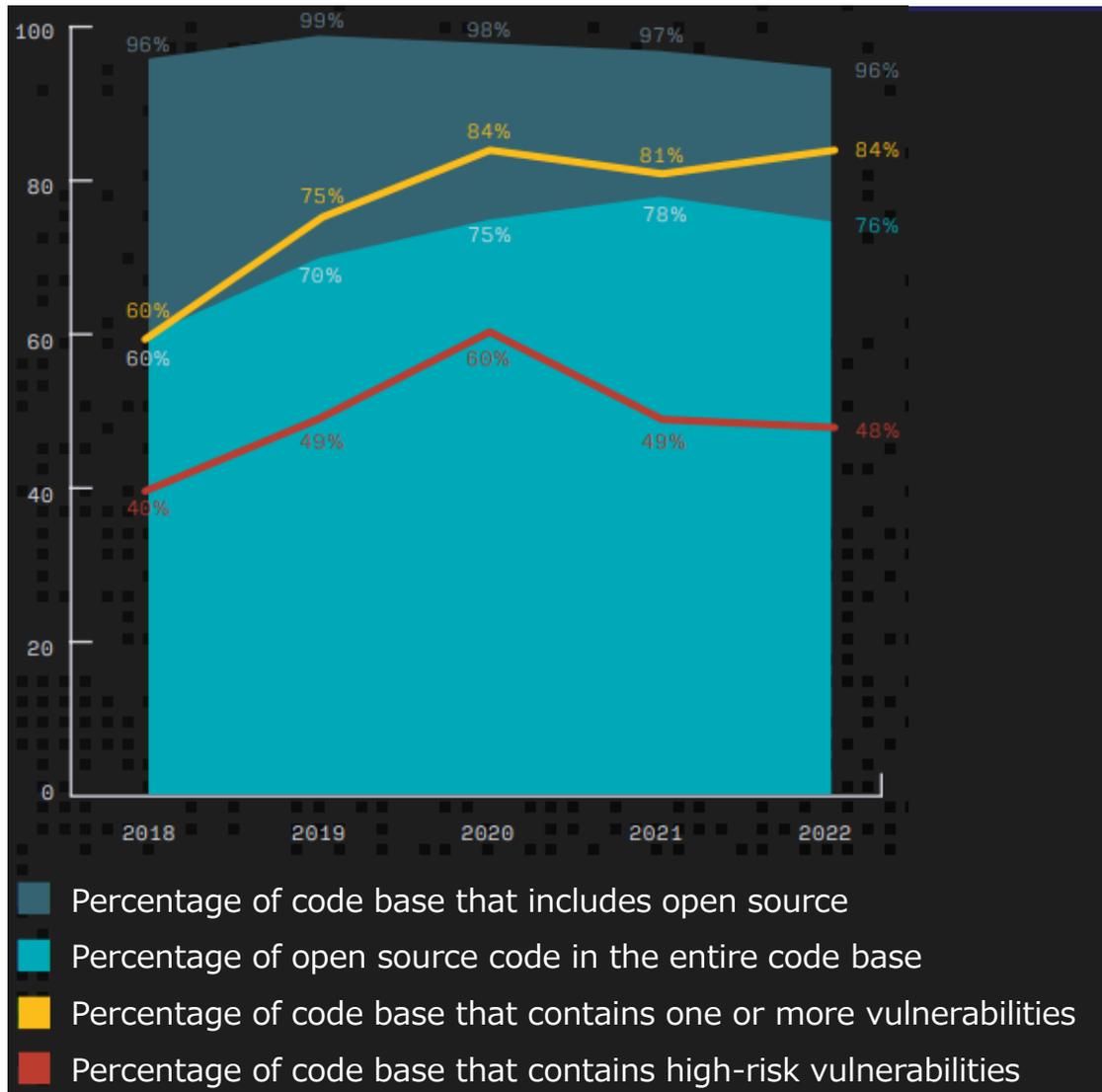
Security

Human Resource

# History of OSS in Japan

- ◆ IPA was a core hub for OSS, promoting OSS together with the Ministry of Economy, Trade and Industry.
- ◆ Due to a change of political situation, the OSS activities were slowed down.
- ◆ In 2023, OSS initiatives were **reactivated**.

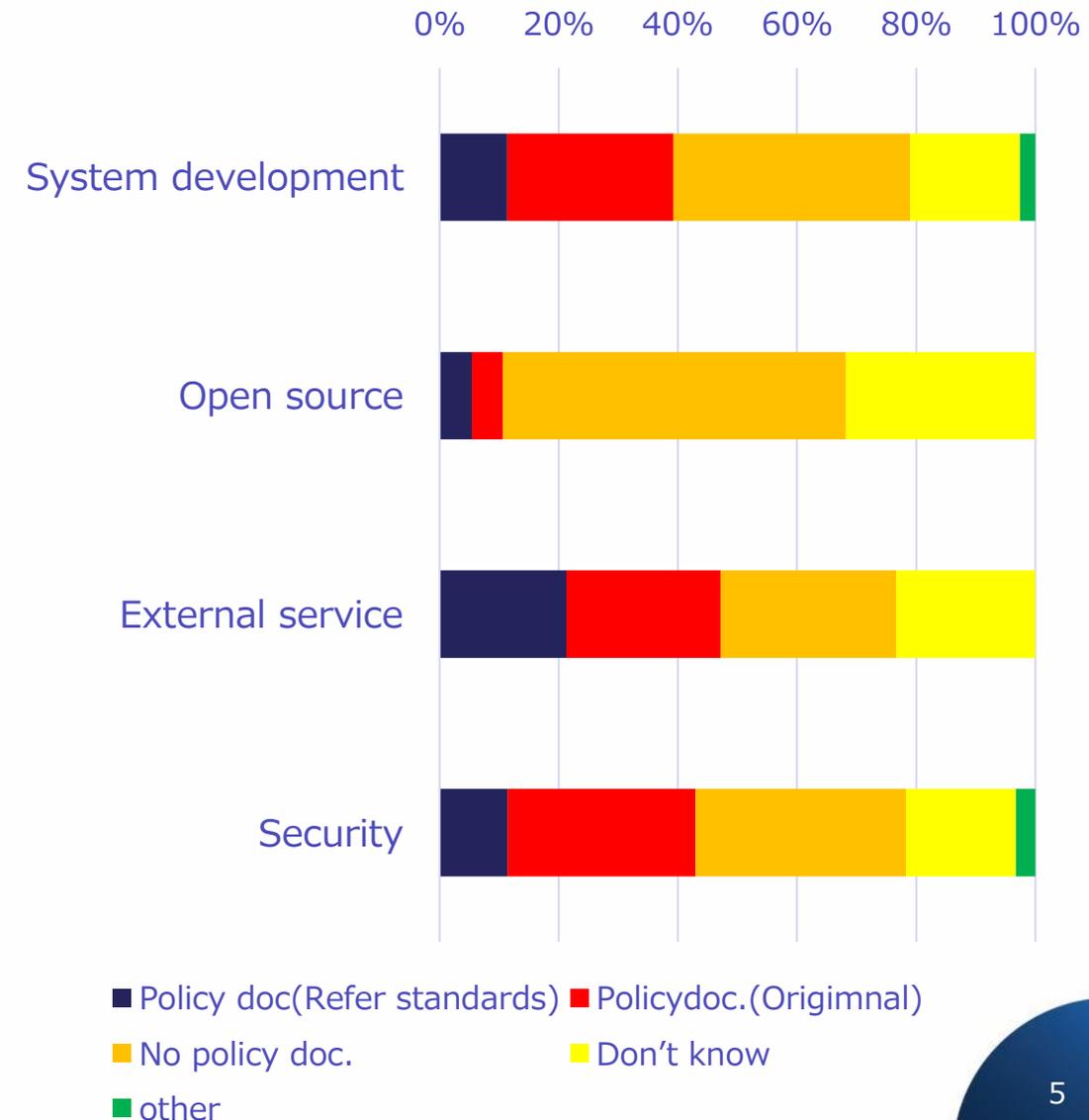
# Everyone use OSS, But no one know it.



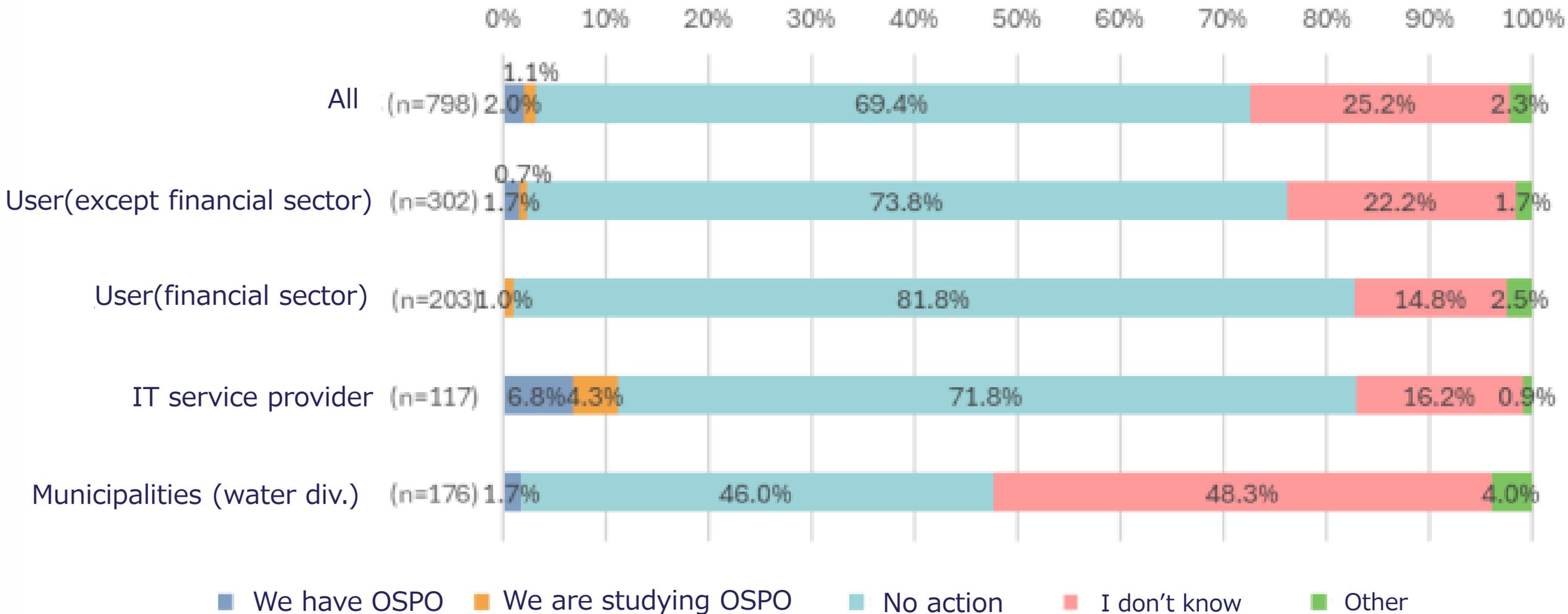
There has to be an understanding that "without open source, everyday life is not possible".

Synopsys  
[2023]OSS security and risk analytics report  
<https://www.synopsys.com/content/dam/synopsys/japan/software-integrity/reports/rep-ossra-2023-jp.pdf>

- ◆ Many companies have established **security** policies and **data management** policies, and they have also established policies for **using external services**.
- ◆ In addition, they are creating **AI** policies.
- ◆ On the other hand, few companies have policies regarding the use of **OSS**.



# OSPO(Open Source Program Office)



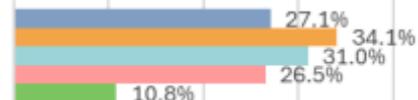
# Participation to the OSS community



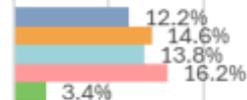
# Barrier to use OSS

0.0% 10.0% 20.0% 30.0% 40.0% 50.0% 60.0% 70.0%

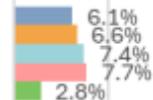
There are no policy in my company.



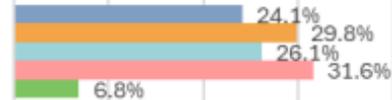
No way to get information about OSS  
(Products, Specification, License, Security)



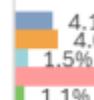
No official OSS site from public authorities



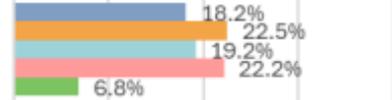
Anxious about maintenance and operation



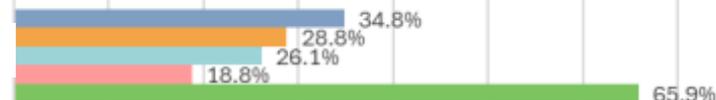
Refused from users,



No commercial support



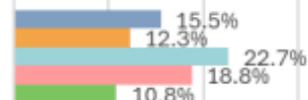
I don't know



Other

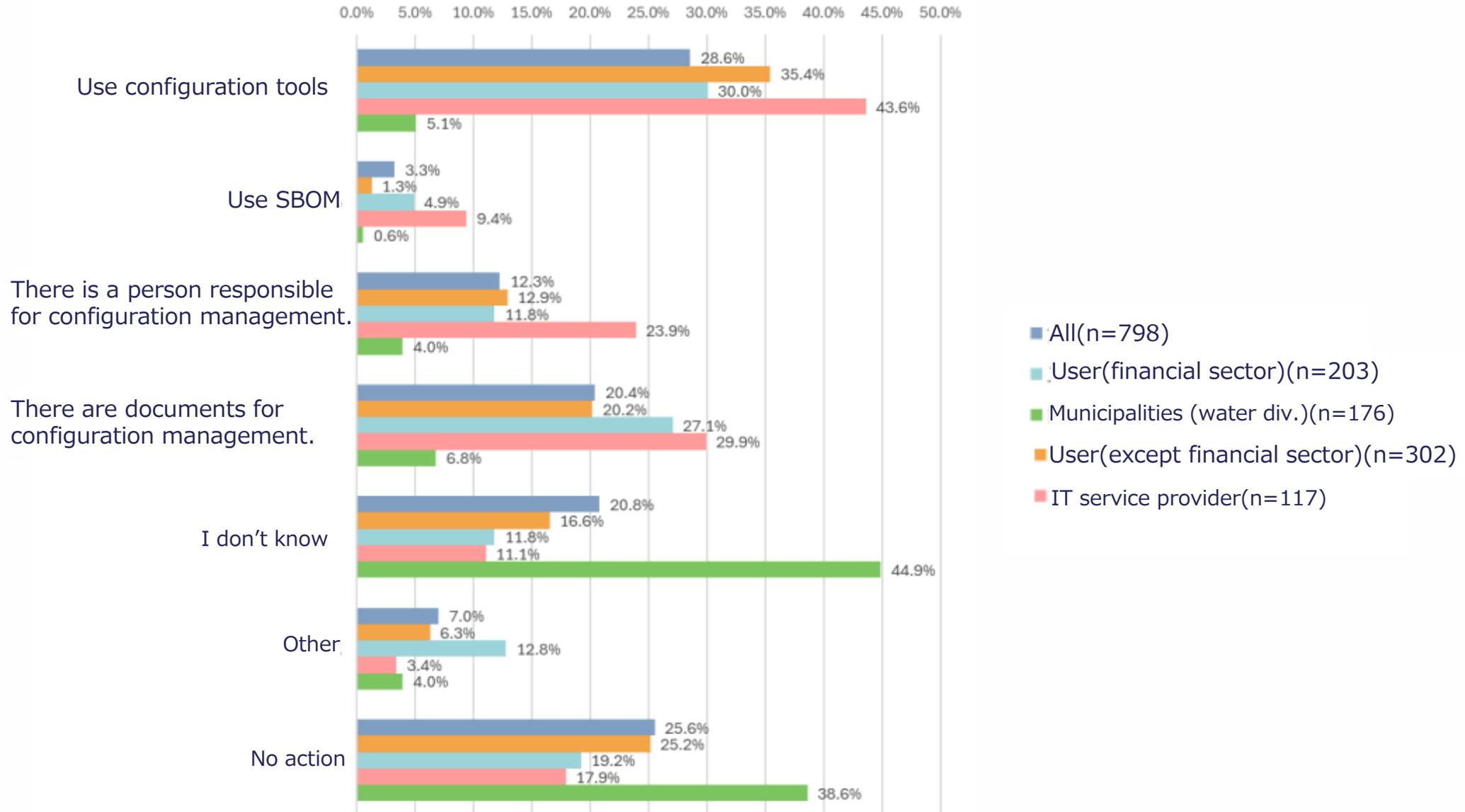


No problem



- All(n=798)
- User(financial sector)(n=203)
- Municipalities (water div.)(n=176)
- User(except financial sector)(n=302)
- IT service provider(n=117)

# Configuration management

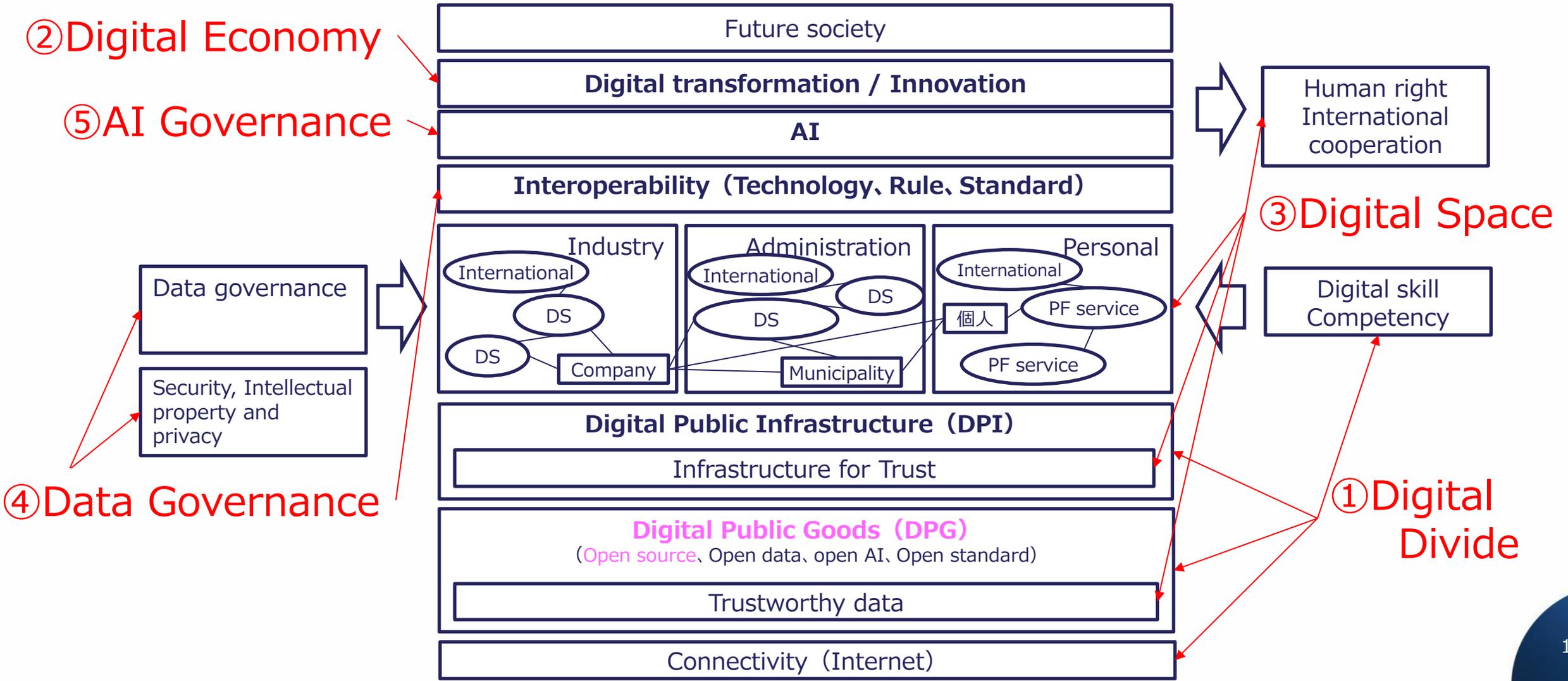


# Boost OSS challenges



# UN Global Digital Compact (GDC)

◆ GDC is important strategy for achieving the SDGs by 2030.



We should

- help the governments and companies understand OSS
- provide sufficient information related to OSS

Riding the wave of Digital Public Goods (DPG) and Digital Public Infrastructure (DPI)

IPA reboot the OSS initiatives in the Digital Public Infrastructure one.

- Gather the information about OSS
- OSS Promotion(Information Hub)
- OSS community

IPA