

# IT Policy in Japan

February 20<sup>th</sup>, 2018

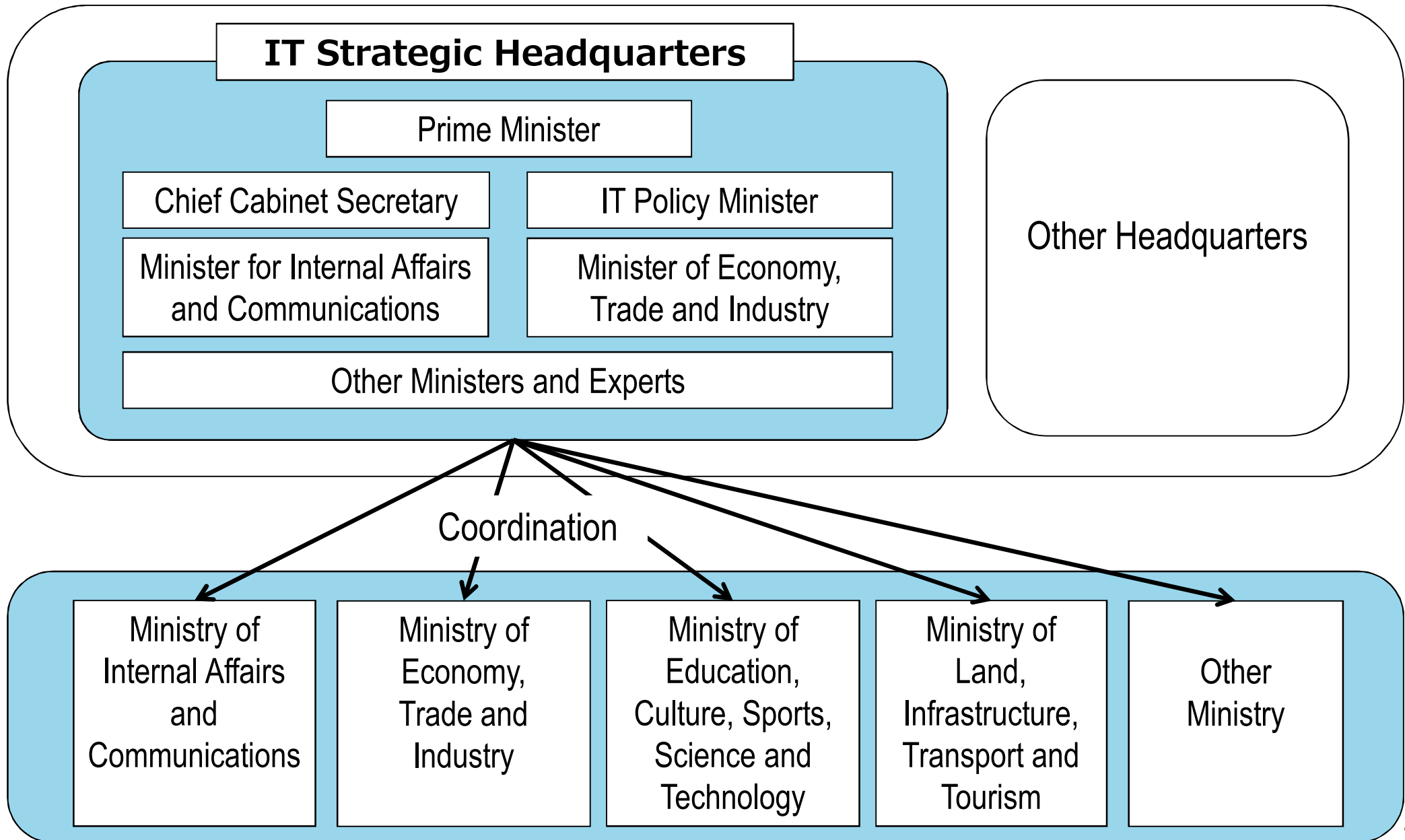
Ministry of Economy, Trade and Industry(METI)  
Japan

1. IT Policy and Strategy  
“Society 5.0”

2. New Concept  
“Connected Industries”

# IT Headquarters of Japanese Government

〈Cabinet Secretariat〉



# IT Strategy

- IT Strategic Headquarters was established within the Cabinet in 2001.
- Japan have two basic act on IT and data. In addition, gov. of Japan has made the IT declaration in 2013, and has renewed it annually.

Basic Act on the Formation of an Advanced Information and Telecommunications Network Society (Act No.144 of 2000)

Basic Act on the Advancement of Utilizing Public and Private Sector Data (Act No.103 of 2016)

2001–

2006–

2009

2010

2013

~2020

e-Japan  
Strategy  
(2001)

e-Japan  
Strategy II  
(2003)

New IT Reform  
Strategy  
(2006)

*i*-Japan  
Strategy 2015  
(2009)

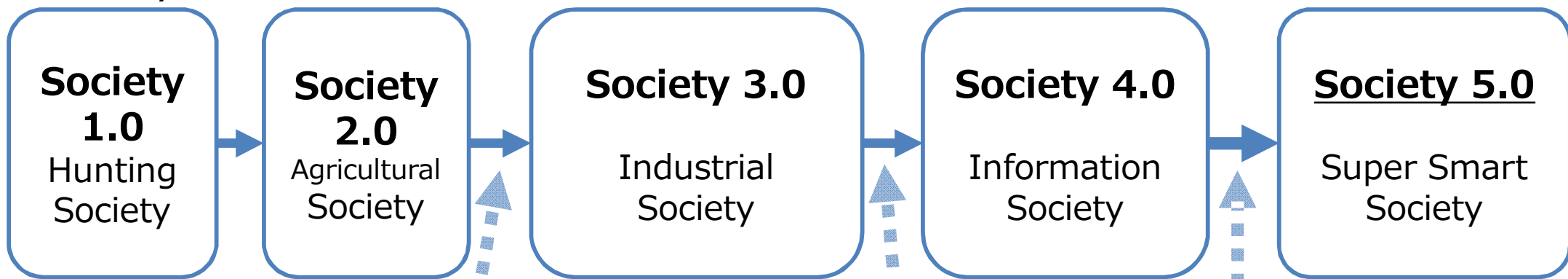
A New Strategy  
in Information and  
Communication  
Technology (IT)  
(2010)

Declaration to be the World's  
Most Advanced IT Nation  
(2013, 2014, 2015, 2016, 2017)

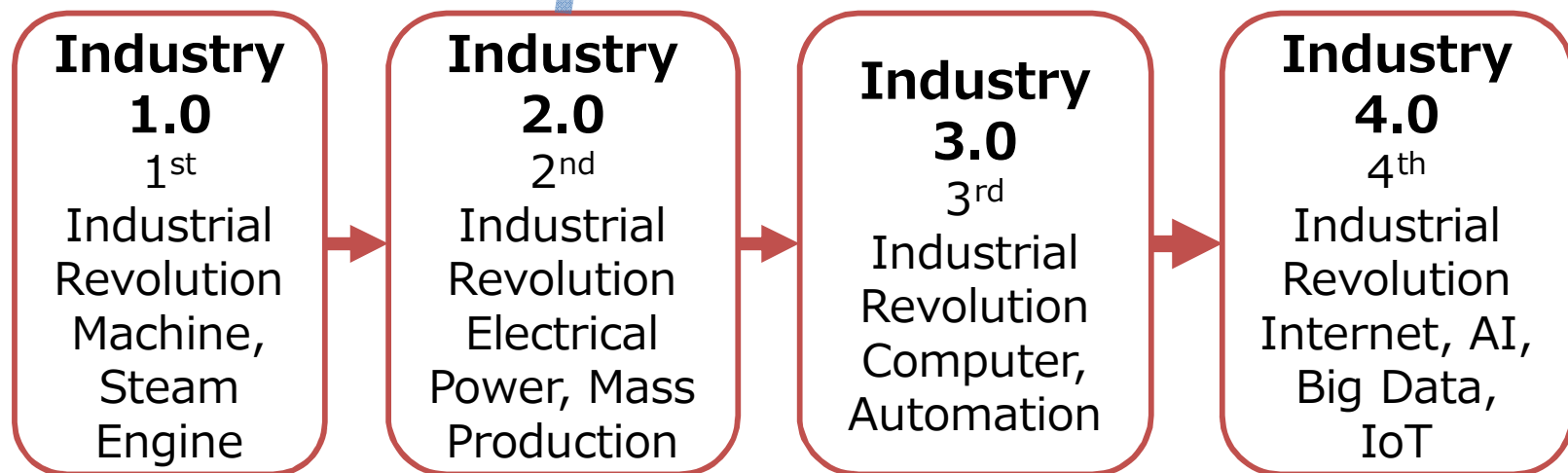
# Society 5.0

- The key to overcoming stagnation and realizing economic growth is "Industrial Revolution 4.0" (AI, Big Data, IoT). We will incorporate innovation into all industries and social life, and we will realize "**Society 5.0**" to solve various social problems.

<Society>



<Technology>

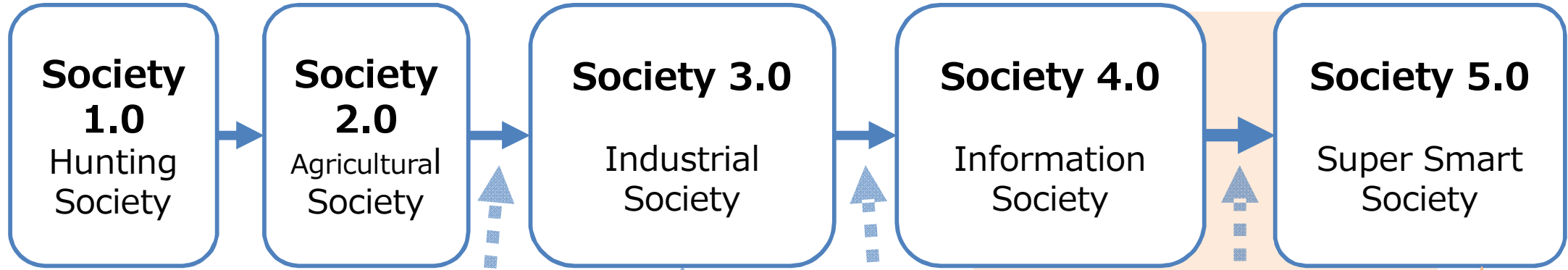


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# Connected Industries

<Society>



<Change in the way of industry>

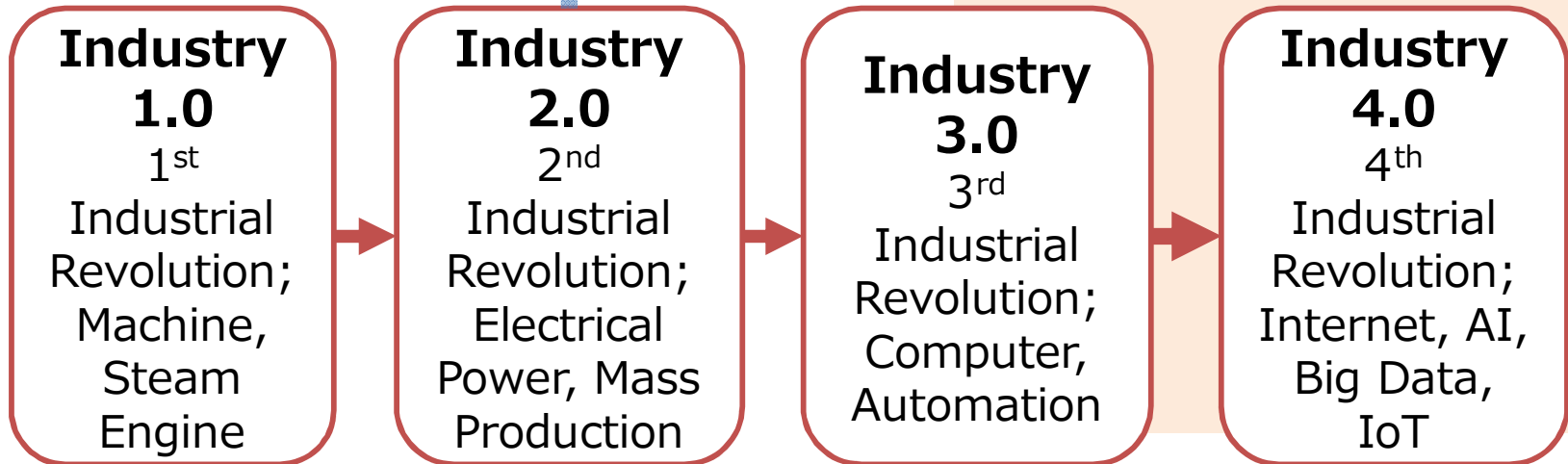
Develop for each industry

## Connected Industries

•Creating new added value and new business model through various connections

Form a New Society

<Technology>



# What is Connected Industries ?

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**Connect** various industries, companies, people, machinery, data and others



**Create new added value, products and services, and improve productivity** by AI, Big data, IoT.



**Resolve social issues**, such as aging problem due to declining population, lack of personnel and labor, environmental and energy constraints



**Strengthen industrial competitiveness**

→ Improvement of our lives and development of our economy



# Concept of Connected Industries

## Current

We proceed digitization in factories, offices, and societies. However, we manage their data independently, and not connecting with each other.

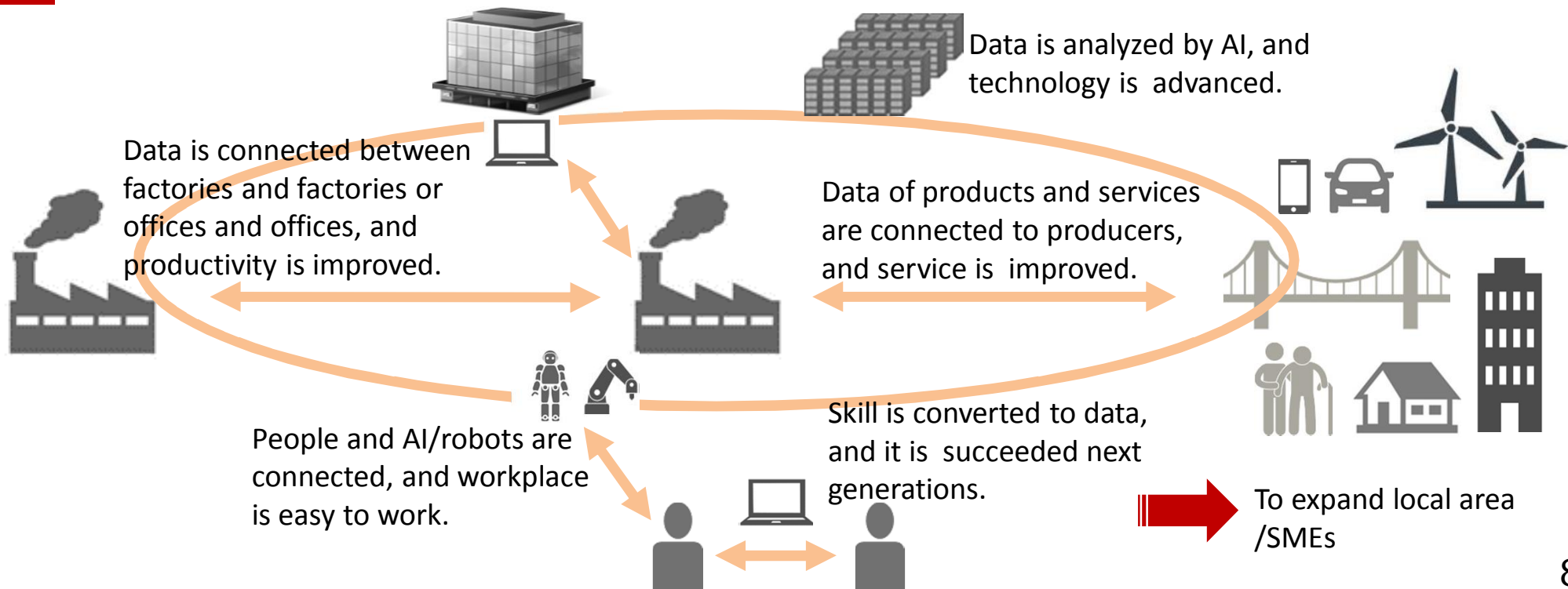
## Industry, Academia Discussion

Sectoral Efforts, such as mobility, manufacturing, bio/material, safety plant, smart life

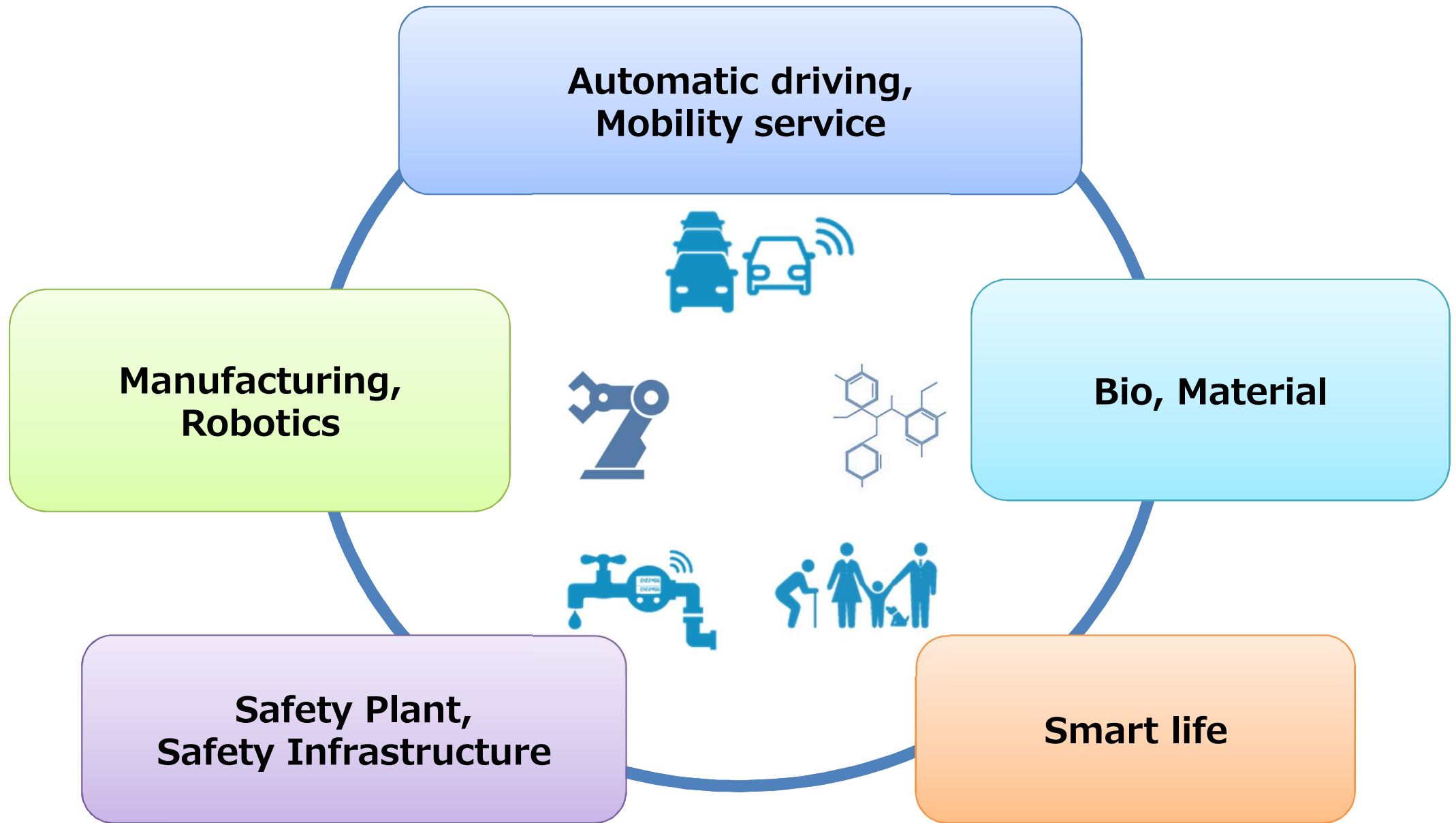
Cross-sectoral efforts, such as data utilization, standardization, IT talent, cyber security, AI development

## Future

We can solve social problems to connect data and to make effective use through technological innovation, productivity improvement, skill transfer.



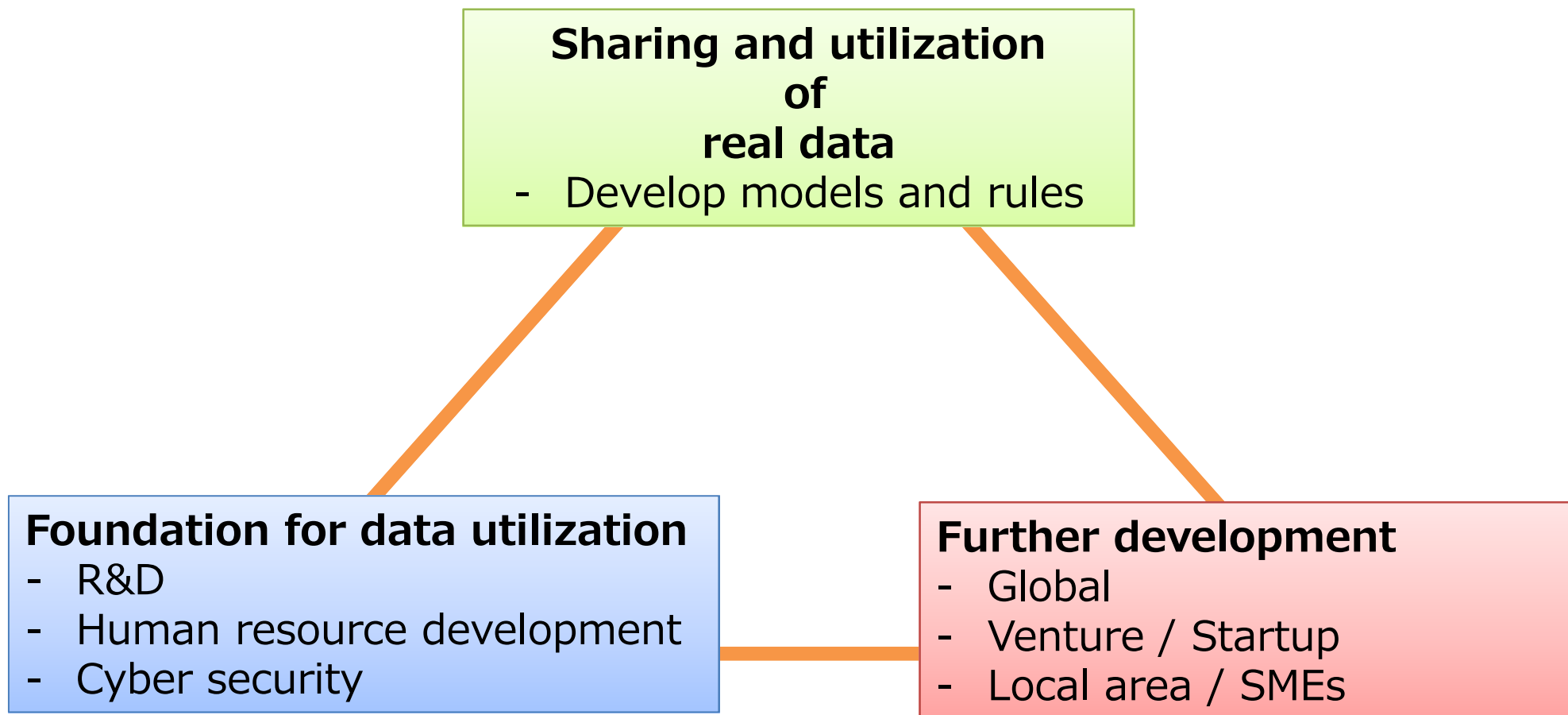
# Five main points of Connected Industries



It is need to develop cross-sectoral measures immediately.

# Cross-sectoral measures for Connected Industries

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It is important to strengthen cross-sectoral measures with real data.

Japan aims to realize  
“Society 5.0”

using “IoT”

with our new concept  
“Connected Industries”.

■ Thank you very much for your kind attention