

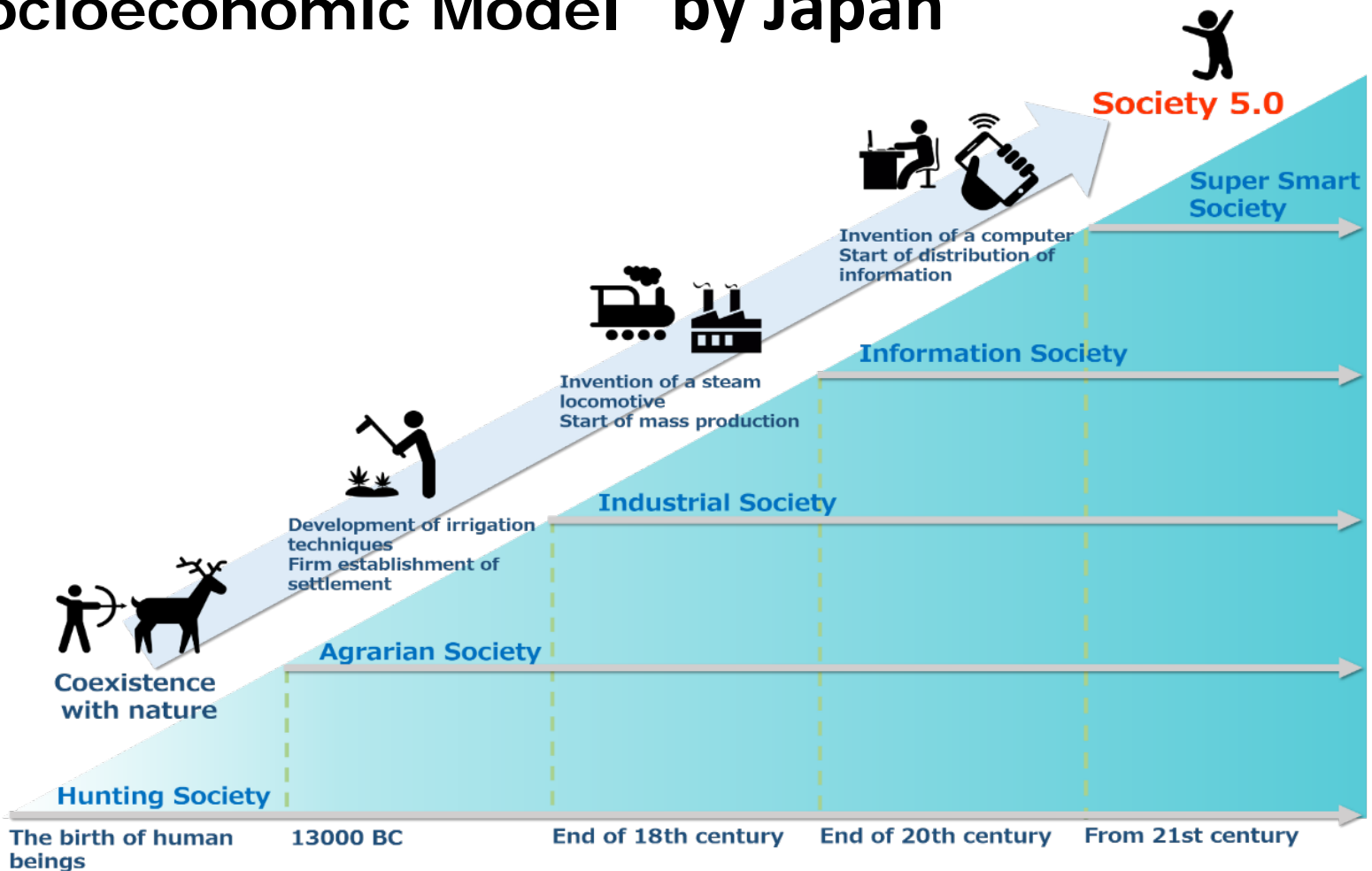
**Dr.Toshio Obi**  
**Waseda University**  
**Japan**

**Japanese Challenge for  
Society 5.0**

**ITD Forum**  
**Bangkok**  
**September 2,2019**

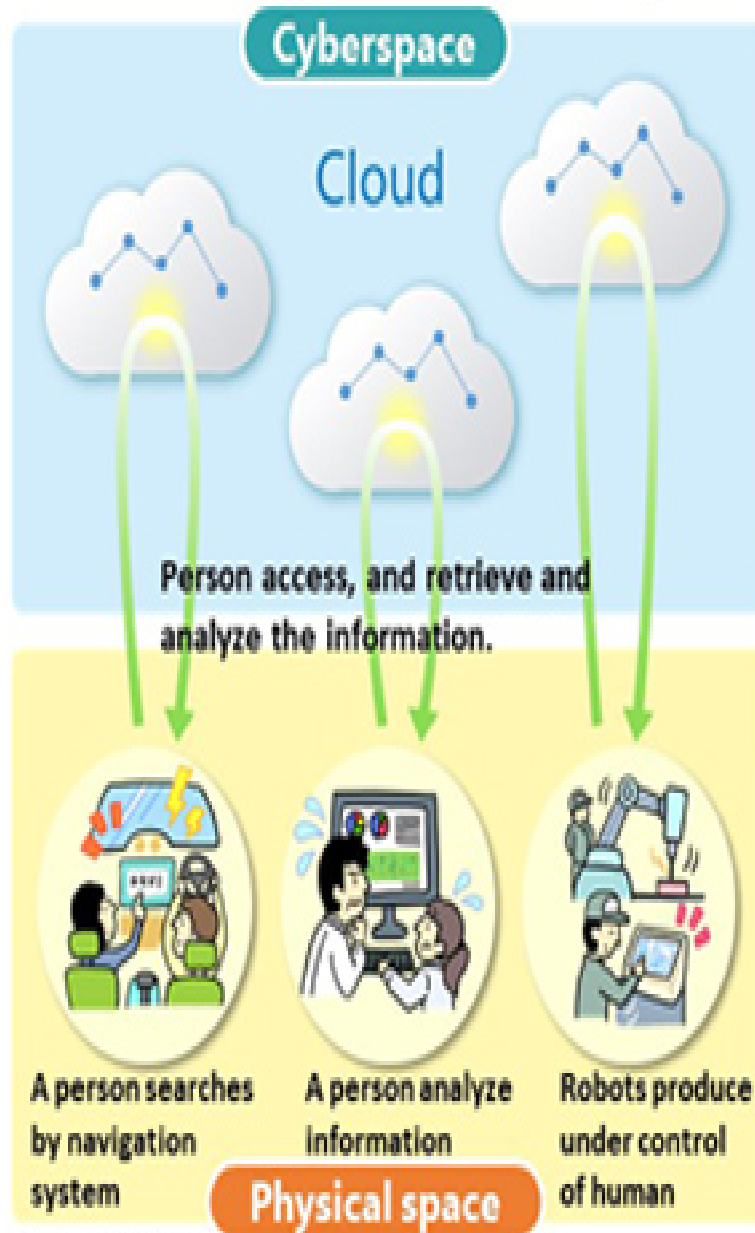


# Society 5.0 – a Next-Generation Socioeconomic Model by Japan

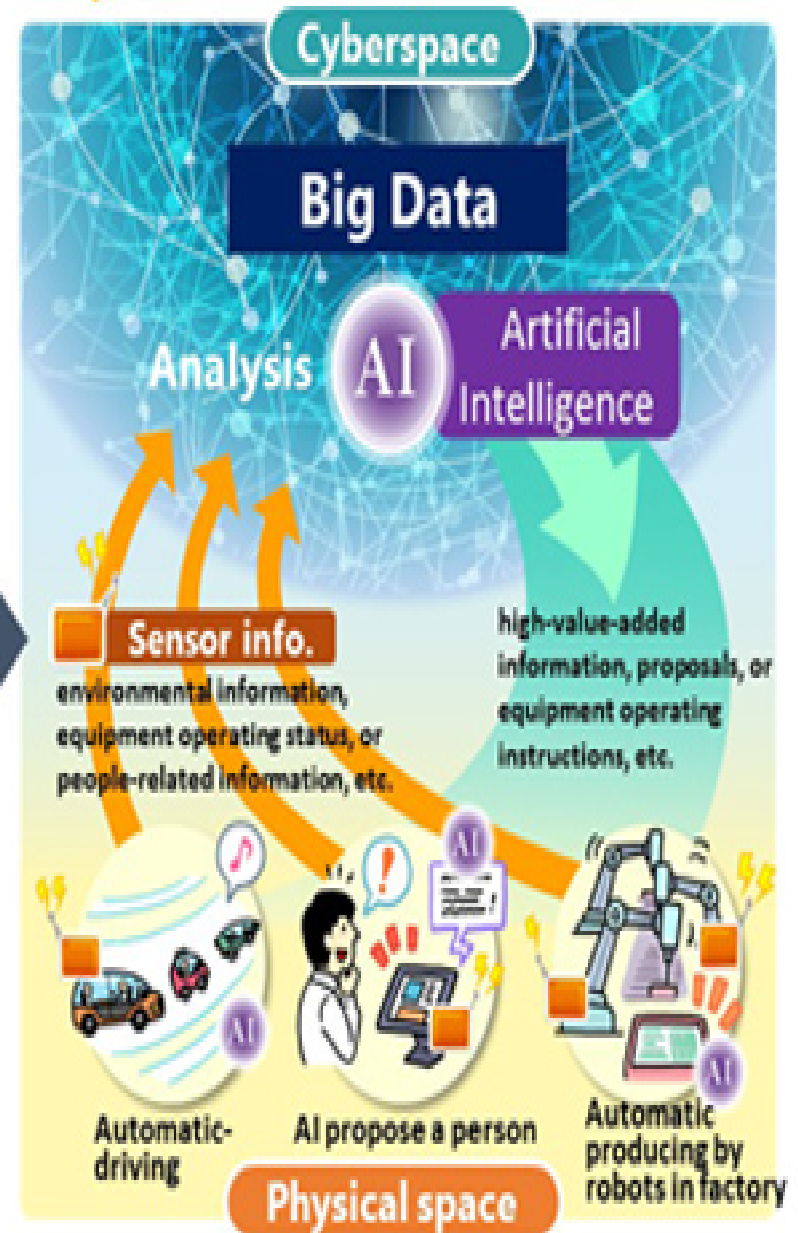


**Current information society (4.0)** →

## Society 5.0



[source: CAO Japan]



## Economic advancement

- The demand for energy is increasing
- The demand for foodstuffs is increasing
- Lifespan is becoming longer, and the aging society is advancing
- International competition is becoming increasingly severe
- Concentration of wealth and regional inequality are growing

## Resolution of social problems

- Reduction of GHG emissions
- Increased production and reduced loss of foodstuffs
- Mitigation of costs associated with the aging society
- Promotion of sustainable industrialization
- redistribution of wealth, and correction of regional inequality

Incorporating new technologies such as IoT, robotics, AI, and big data in all industries and social activities, provide goods and services that granularly address manifold latent needs without disparity

to **balance** economic advancement with the resolution of social problems



Preventive examinations/  
Robot-supported caregiving



Extending healthy life expectancy/  
Reducing the social cost



## Society 5.0



Energy diversification/  
Local production



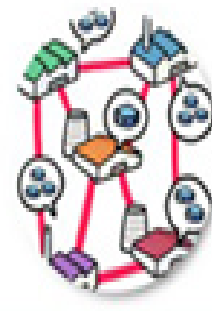
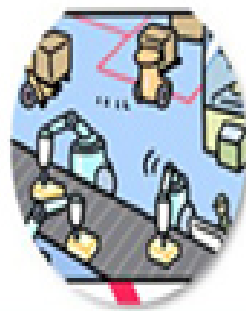
Stable supply of energy/  
GHG emission reduction



automating the agricultural industry/  
Optimal home delivery



Increasing production of foodstuffs/  
Reducing waste



Optimal value chain/  
Automatic production by robot



Promotion of sustainable industrialization/  
Eliminate manual shortage

# United Nations Conferences on Ageing Society 3 Speeches by Prof.Obi Japan [Creating Smart Silver Innovation] in 2015, 2017, 2018





# Trade & Dev. in Asia with AI/Digital Revolution with Society 5.0

- **AI Robot** as Personal Assistant for all
- **Innovation** in Emerging Technologies= **IoT-Big data-AI** package as digital transformation
- Rapid increase of **Online/Virtual** cross border trade
- Huge progress on productivity/efficiency by **digital** innovation

