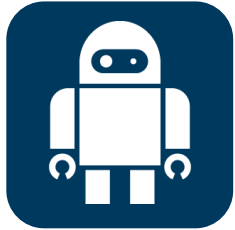


Society 5.0

- Co-creating the future -

(Excerpt)

Keidanren



Technological change

The world is facing an even greater tide of change against a backdrop of rapidly advancing innovation in digital technologies such as AI, the Internet of Things (IoT), robotics, and blockchains, as well as biotechnologies.



Economic and geo-political change

The world economy's center of gravity will shift from the West to Asia. While some countries are facing rapid ageing of the population amid extremely low birthrate, the global population is growing explosively.



Change in mindset

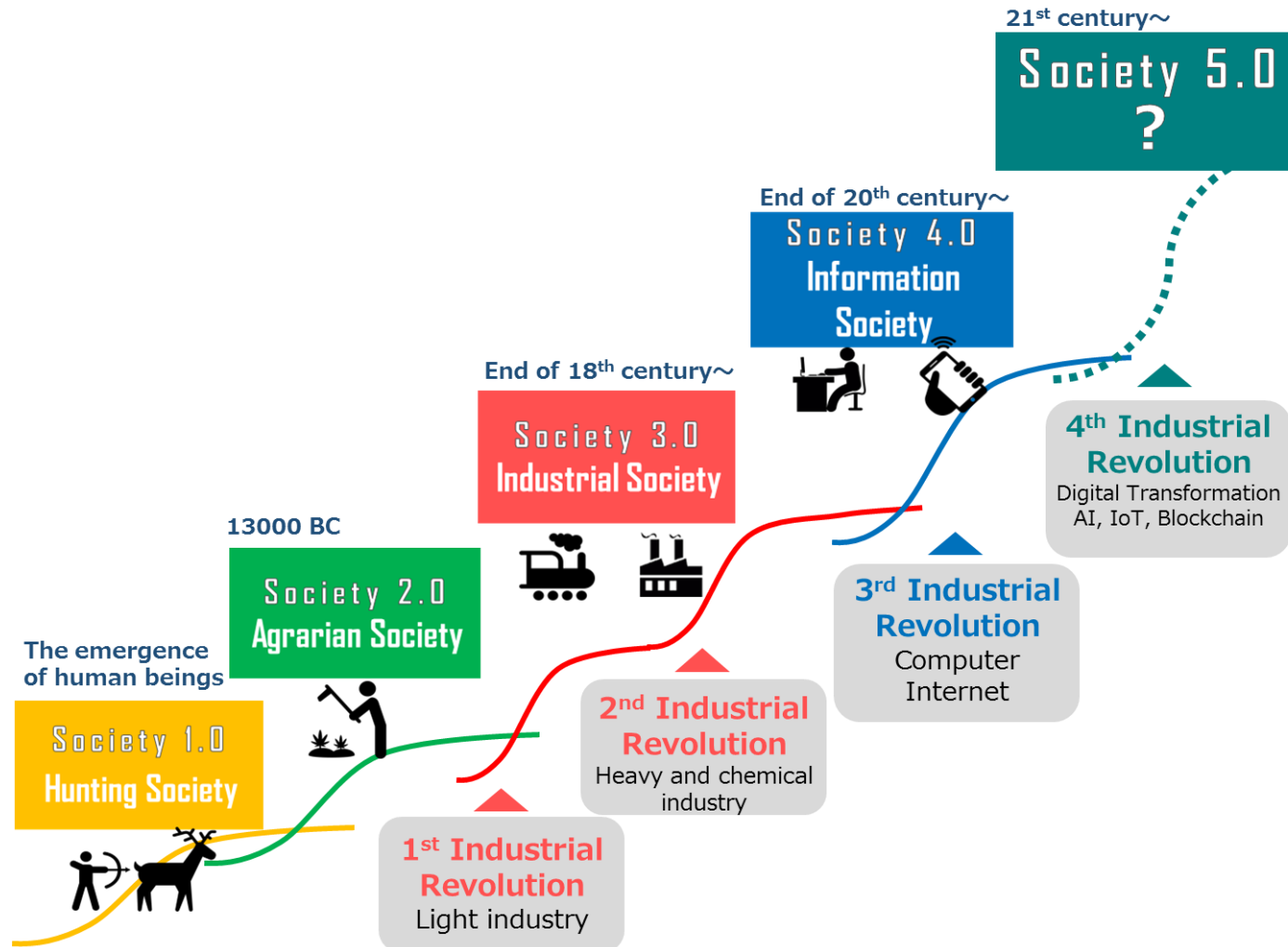
Problems such as global environmental issues and social disparity are worsening, and in 2015 the United Nations adopted SDGs aimed at addressing these.

Every change brings **opportunities** as well.

Imagination is the key to shaping the future.

Development of Human Society

- To date, humankind has lived in four types of society: Hunting, Agrarian, Industrial, and Information. Digital transformation heralds a fifth stage.



- Digital transformation will dramatically alter many aspects of society, including private lives, public administration, industrial structure, and employment.
- Utilization of data and AI will open up many new possibilities. The important question is what to use these technologies for.

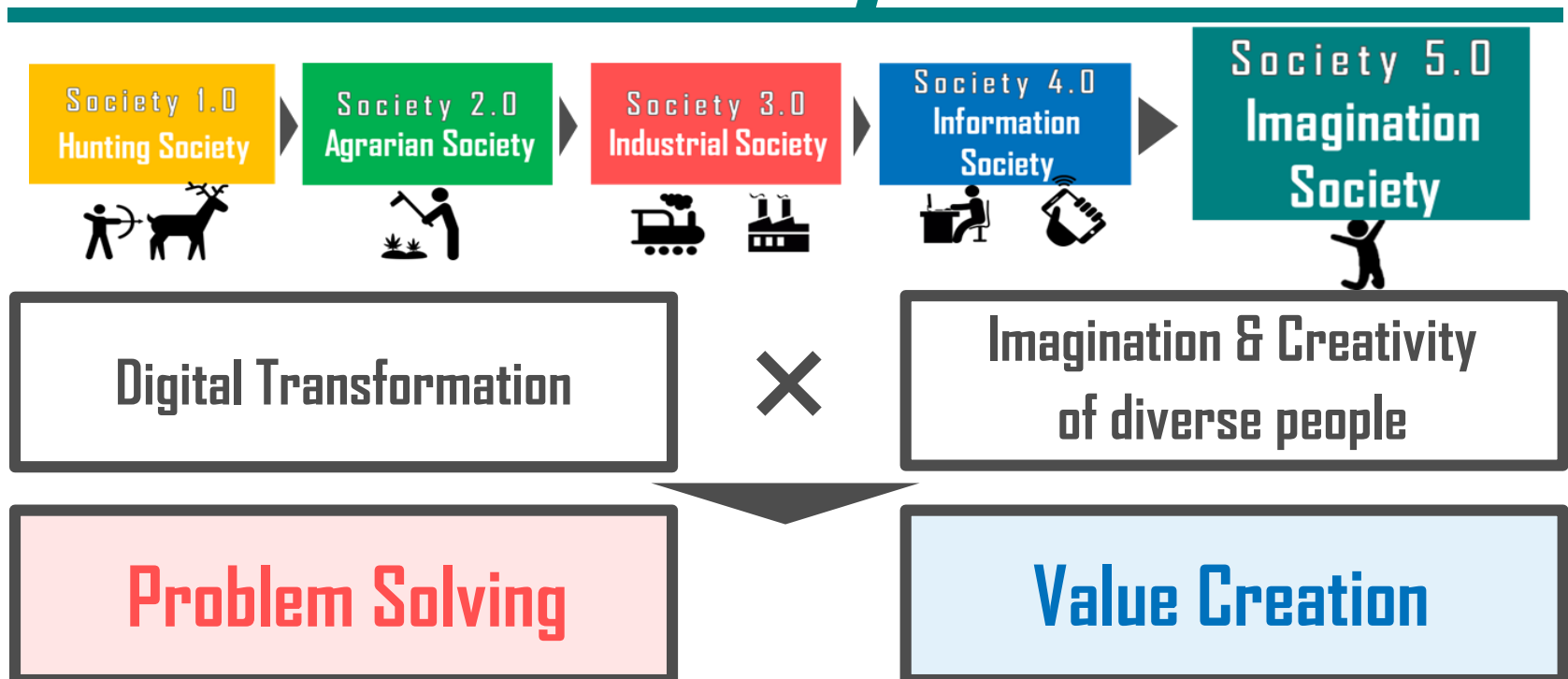
Digital transformation means that advances in digital technology and data utilization drastically changes aspects of society including private lives, public administration, industrial structure, and employment.

IoT	IoT means that every "thing" is connected to the Internet. Improved technologies for sensing precise data from physical real world will enable appropriate data to be gathered in real time and deployed in cyberspace
AI	One essential aspect of AI can be viewed as "distribution and commoditization of abilities."
Robotics	AI exerts its capabilities not only in cyberspace, but also in physical real world via robots.
Distributed Ledger Technology	Distributed ledger technologies such as blockchains do much to improve transaction efficiency and traceability.

The Nature of Society 5.0

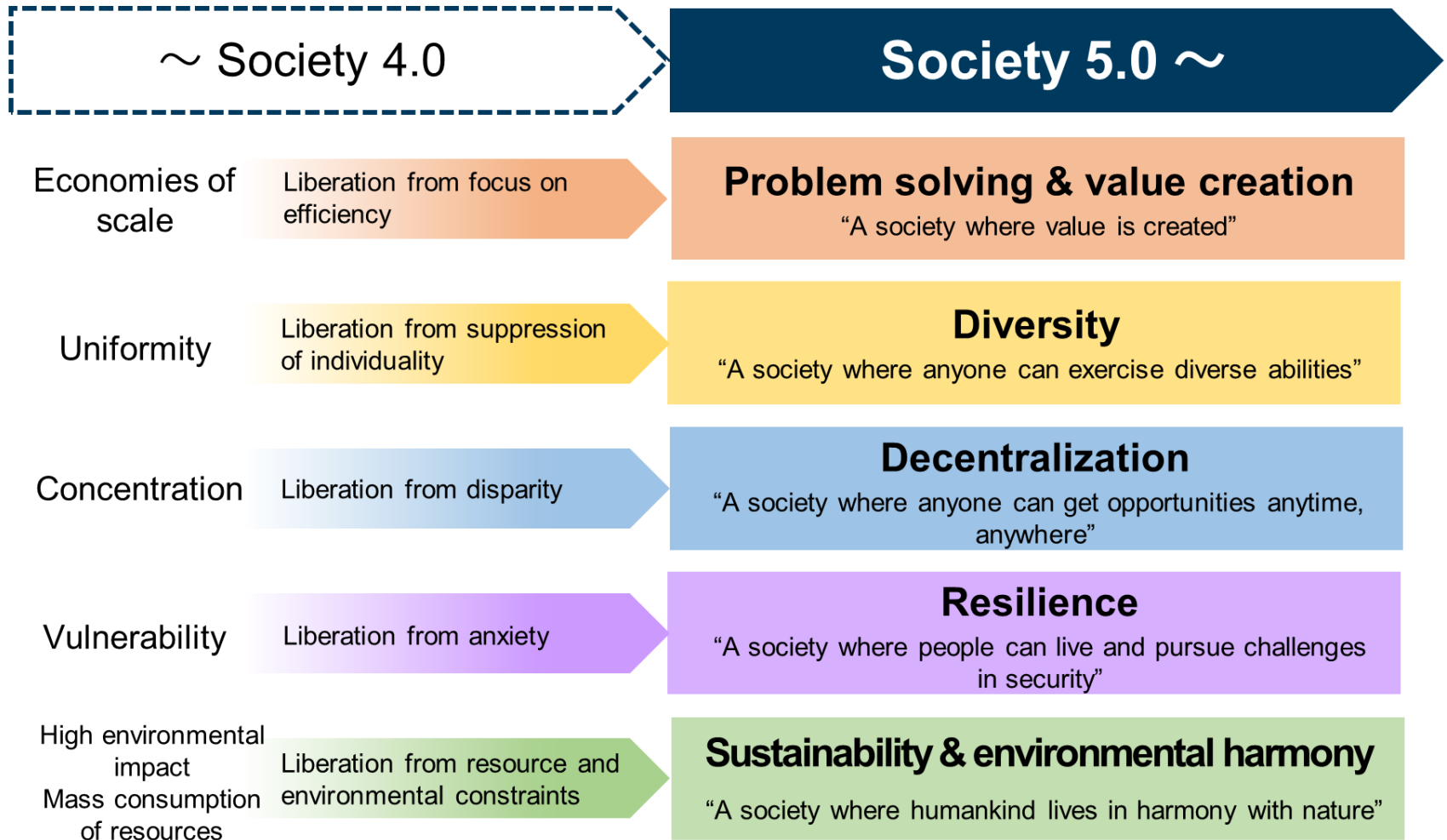
- Digital technologies and data should be utilized to create a society where people lead diverse lifestyles and pursue happiness in their own ways. In the future, humans will require imagination to change the world and creativity to materialize their ideas. Society 5.0 will be an Imagination Society.

Society 5.0



The fruits of Society 5.0

- The aim is to bring about a society where anyone can create value anytime, anywhere, in security and harmony with nature, and free from various constraints that currently exist.



- Aiming to resolve social issues in harmony with nature, Society 5.0 will contribute to delivering on United Nations SDGs. The two reforms share a common direction.

Society 5.0

- ① Cities and Regions
- ② Energy
- ③ Disaster Prevention
- ④ Healthcare
- ⑤ Agriculture and Food
- ⑥ Logistics
- ⑦ Manufacturing and Services
- ⑧ Finance
- ⑨ Public Services

SUSTAINABLE DEVELOPMENT GOALS

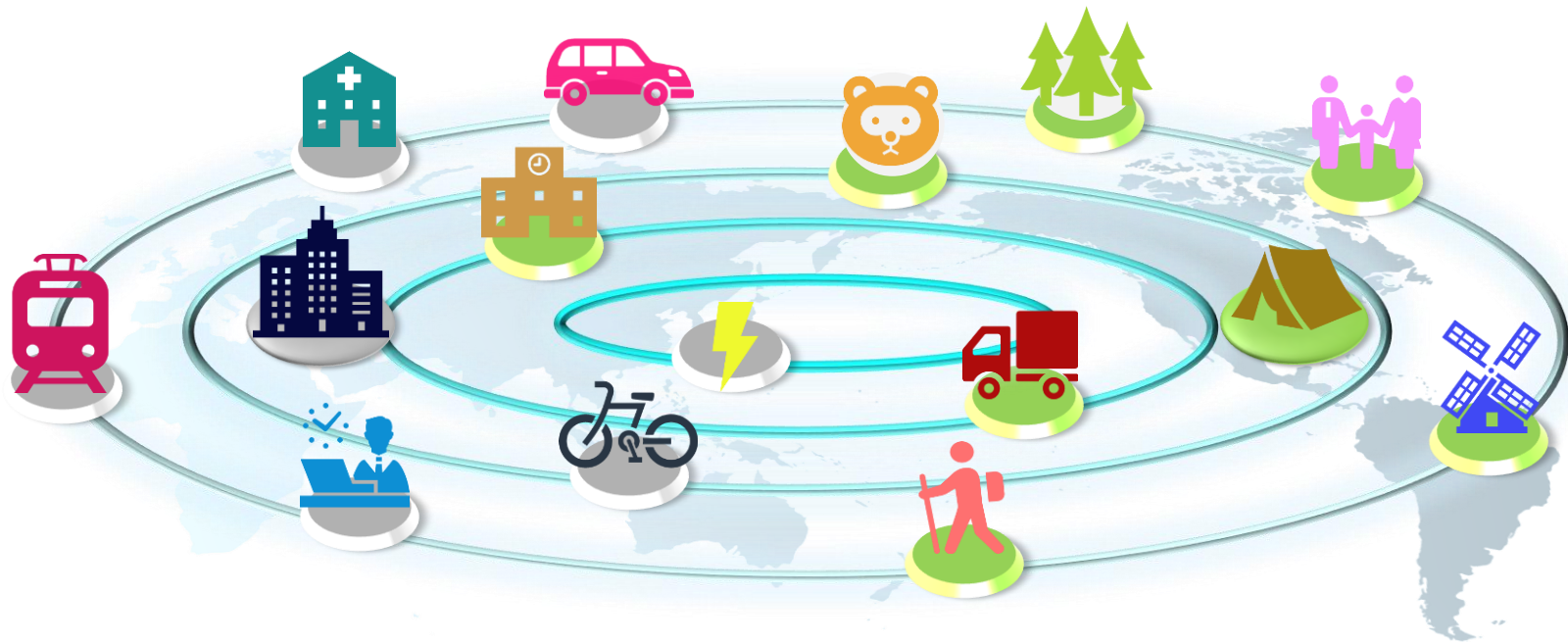
17 GOALS TO TRANSFORM OUR WORLD



Source:
http://www.unic.or.jp/activities/economic_social_development/sustainable_development/2030agenda/sdgs_logo/

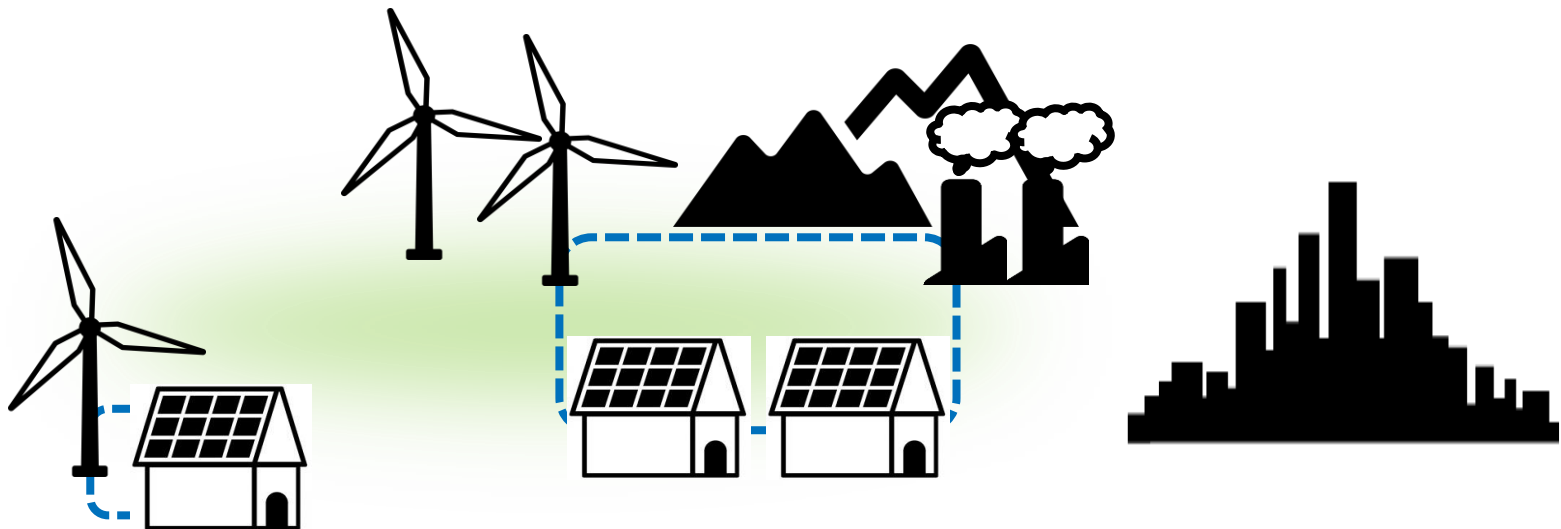
① Cities and Regions

- 1 Data will be shared to facilitate smarter solutions.
- 2 Decentralized communities will be created in suburbs and rural areas.
- 3 Such developments will enable diverse lifestyles and creating a society where diversity is respected.



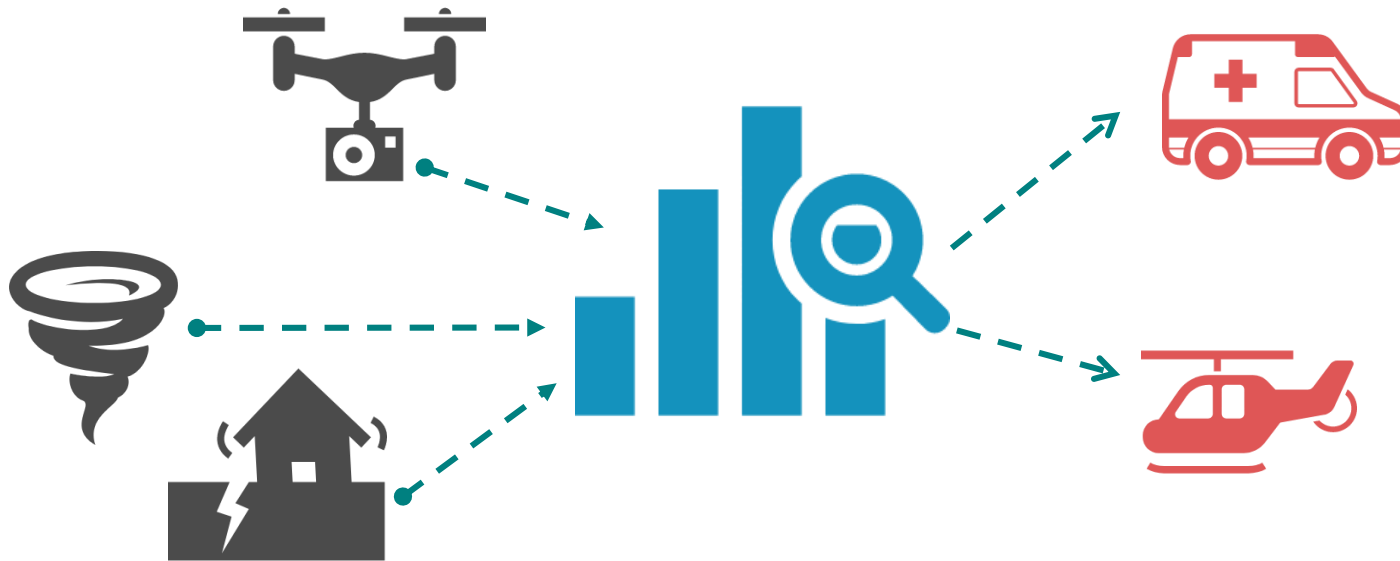
② Energy

- 1 Reliable energy will be available to anyone.
- 2 Clean and sustainable energy will be supplied.
- 3 Decentralized micro grids will be developed with local conditions.



③ Disaster Prevention and Mitigation Keidanren Policy & Action

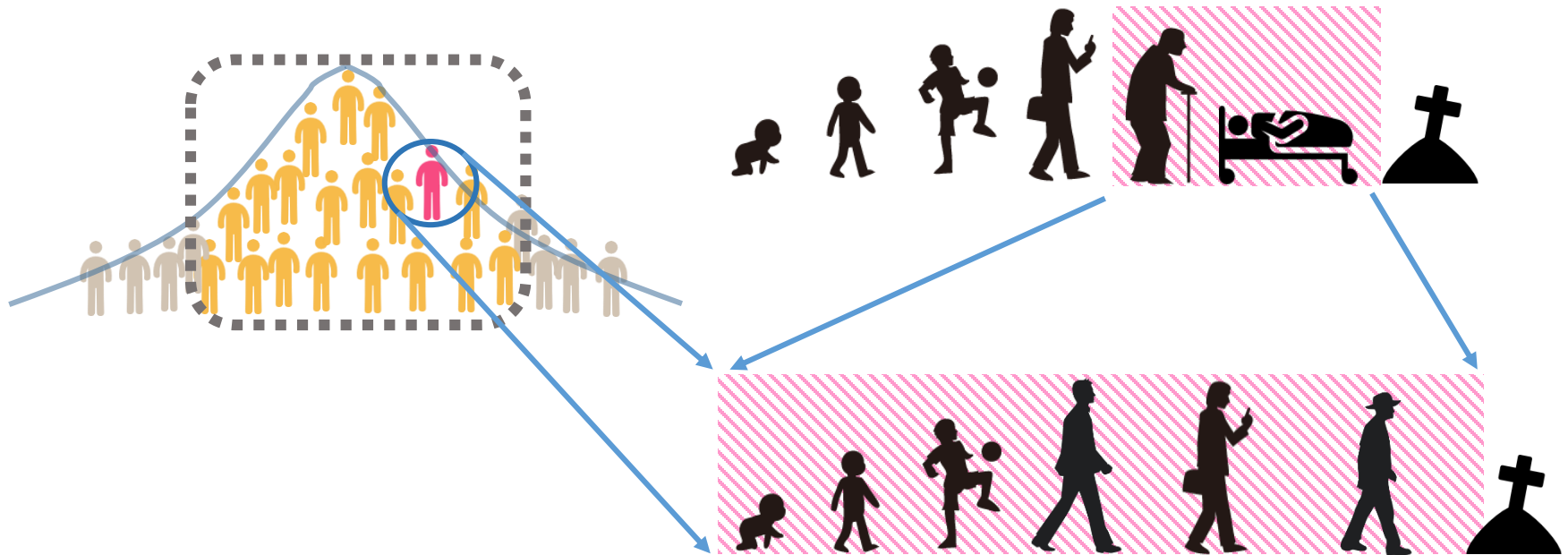
- 1 Sharing disaster information across organizations will facilitate swift responses to disasters.
- 2 Digital technologies will be used for disaster mitigation.
- 3 Medical services will be maintained even in the event of disasters.



④ Healthcare (health, medicine, and nursing) **Keidanren** Policy & Action

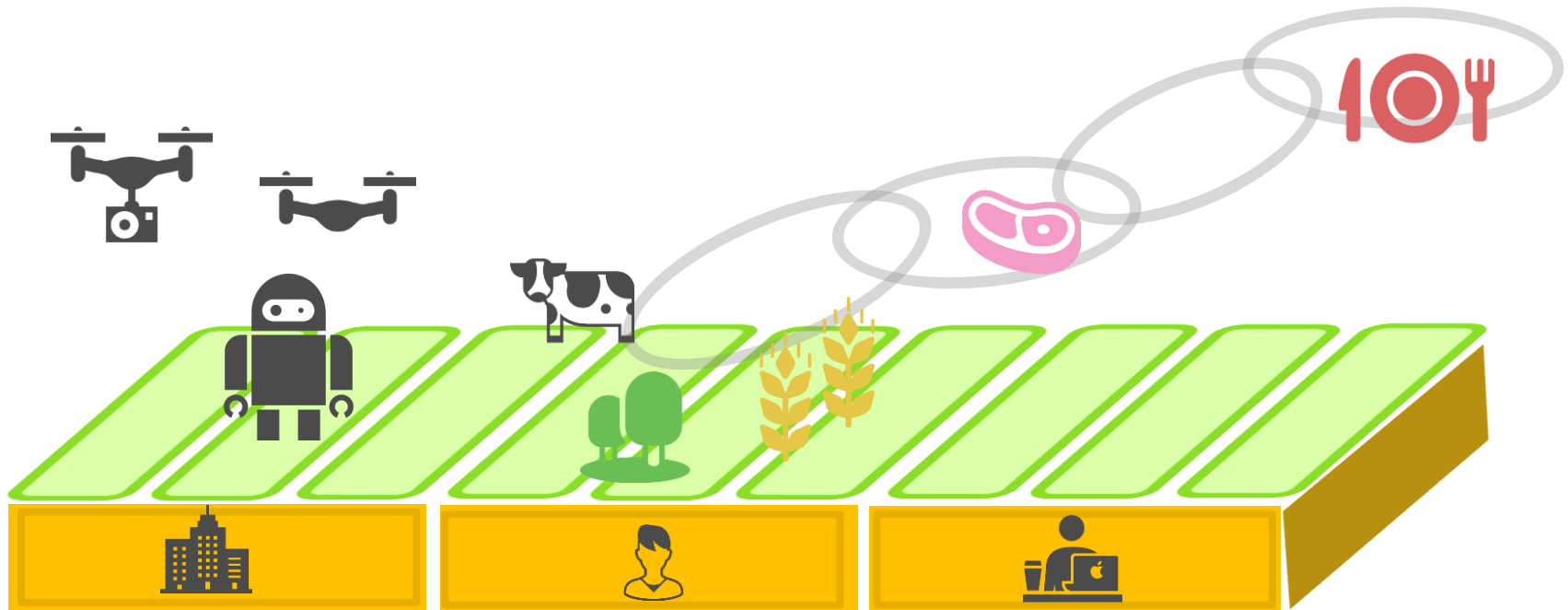
1 New approaches will provide care tailored to individual health at the preventive stage.

2 Individuals will use and manage life-stage data on their own initiative.



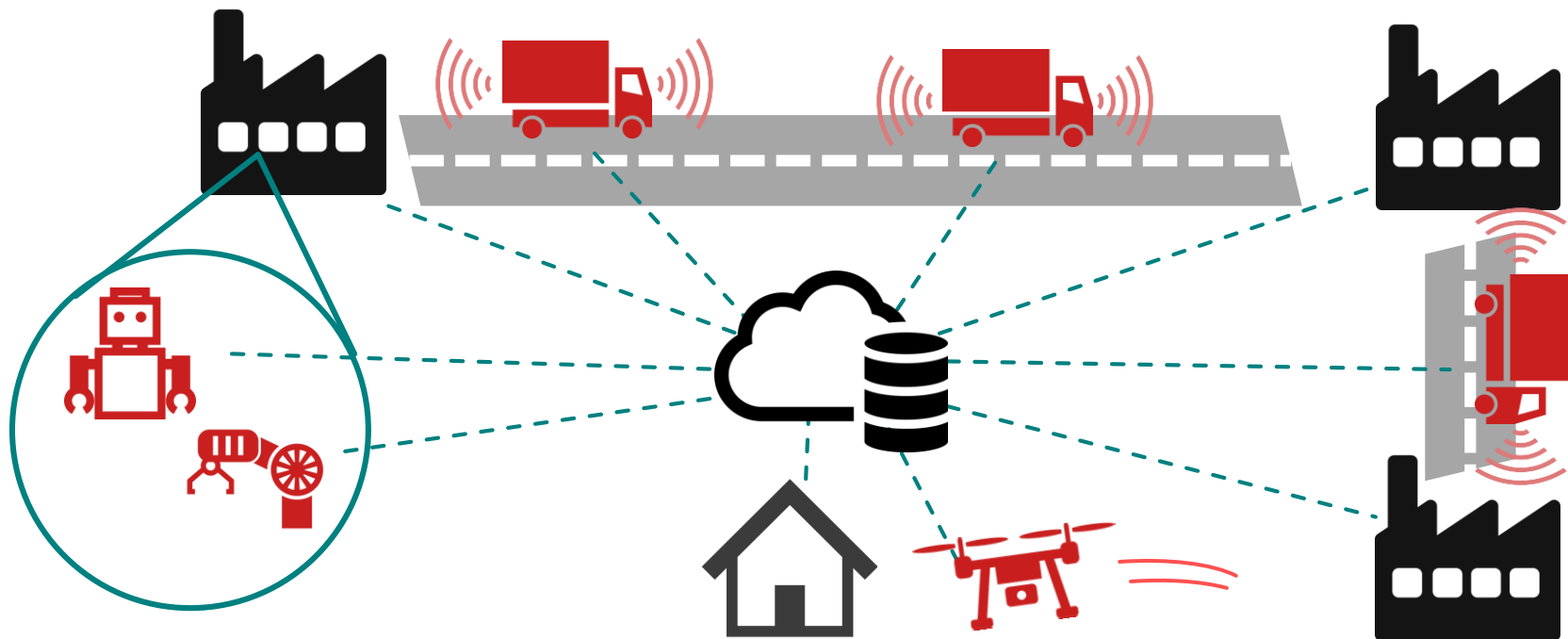
⑤ Agriculture and Food

- 1 Full use will be made of cutting-edge technologies.
- 2 Data and technologies will also be used to optimize the food value chain (FVC).
- 3 Diverse players including private corporations, youth, and agritech ventures will participate.



⑥ Logistics

- 1 Players will optimize entire supply chains by sharing data on procurement, production, transportation, and sales.
- 2 Most work substitutable by autonomous driving, drones, and robots will be automated.
- 3 Diverse customer needs will be identified to realize logistics that create new value.



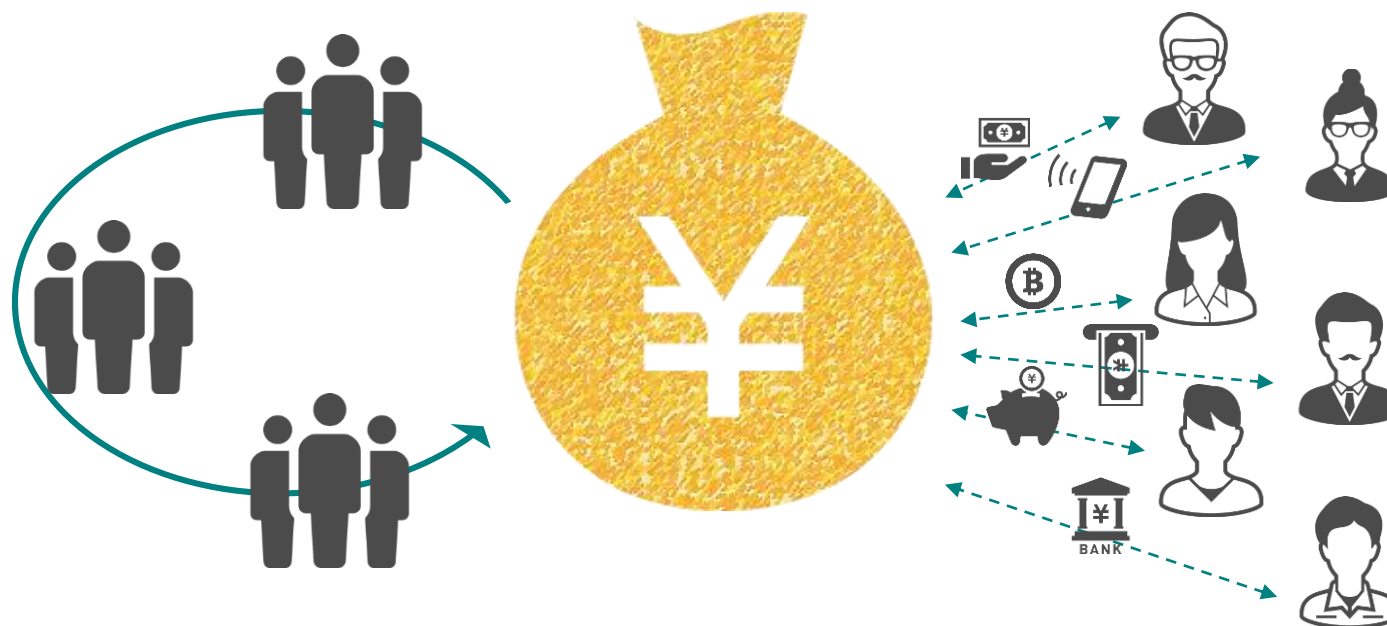
⑦ Manufacturing and Services

- 1** Distribution of abilities will enable individuals and small companies to provide high levels of goods and services.
- 2** Systems will be established enabling consumers to easily and affordably make one-of-a-kind items.
- 3** Business models will be based on services, not hardware.



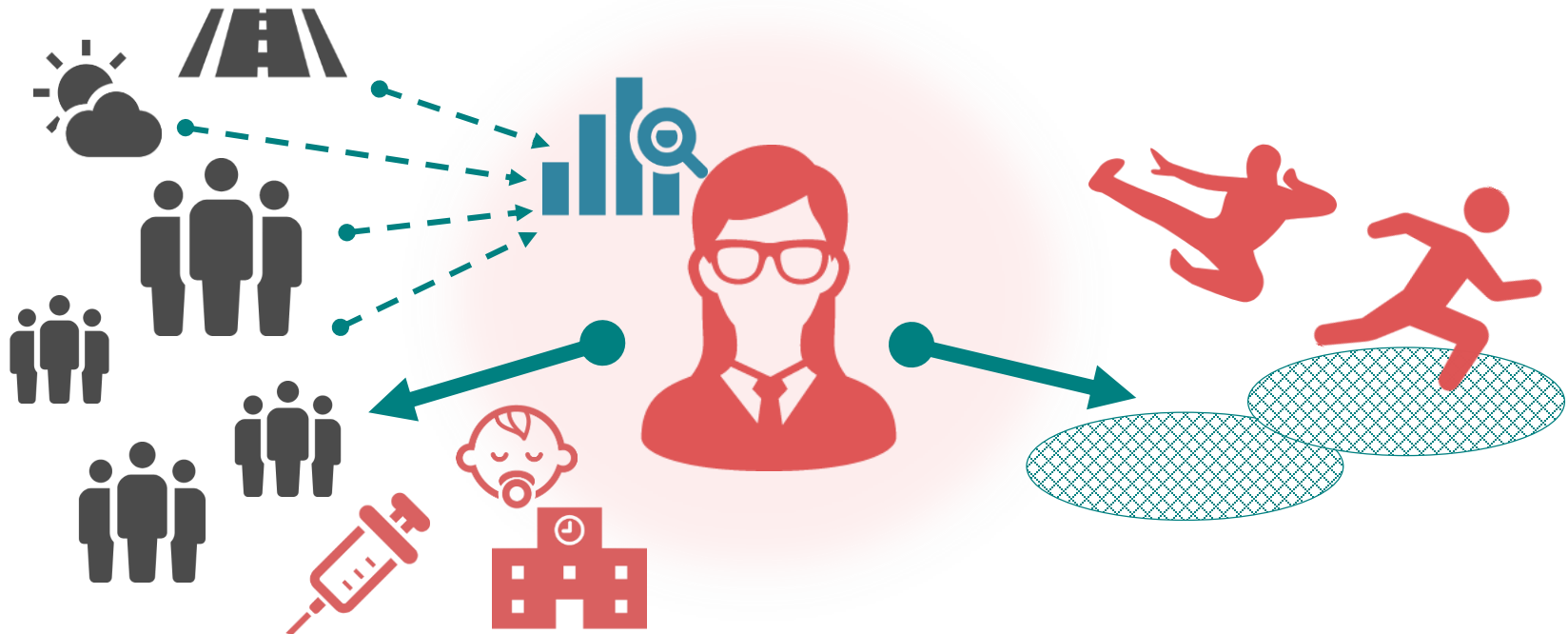
⑧ Finance

- 1 Digital transformation will make available diverse, custom-made financial services.
- 2 Financial systems will allocate funds efficiently and effectively across society.
- 3 Improved access to financial services will contribute to economic independence and greater income equality.



⑨ Public Services

- 1 By quickly sharing data among diverse actors, they will provide more creative public services.
- 2 Public bodies will make timely and appropriate preparations and provide necessary services.
- 3 Safety nets established by governments will enable anyone to tackle a variety of challenges with security.



Society 5.0 is not something to come, but something to co-create.

Japan, as the originator of Society 5.0, wishes to bring the concept to fruition in partnership with players all over the world.

We believe it is our mission to contribute to sustainable global development by sharing problem-solving know-how gained in the process.

