

Aiming to establish a bio-economy society

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Japan's Bioeconomy Strategy

- ◆ A national strategy to achieve economic growth through industrial development and to realize a sustainable, recycling-oriented society by solving global social issues such as decarbonization, COVID-19 control, and achievement of the SDGs.
- ◆ Formulated in 2019 and annually updated

Vision

Realize the “World’s most advanced Bioeconomy” society by 2030

- ◆ “Bio-first Viewpoints”
- ◆ Formation of Biocommunities
- ◆ Bio-data driven society

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Key Points for Strategy execution

- ◆ Market expansion
 - ✓ Expand total market size to JPY92 trillion by 2030
 - ✓ Formulate roadmaps to the goals of respective markets, such as biomanufacturing (materials, plastics, etc.), primary production (agriculture, forestry, etc.), and health/medical care, and review the progress periodically
- ◆ Formation of Biocommunities
 - ✓ *(See next slide)*
- ◆ Promotion of bio-data collaboration
 - ✓ Develop overall design and guidelines for data collaboration and utilization, and draw a roadmap to promote them

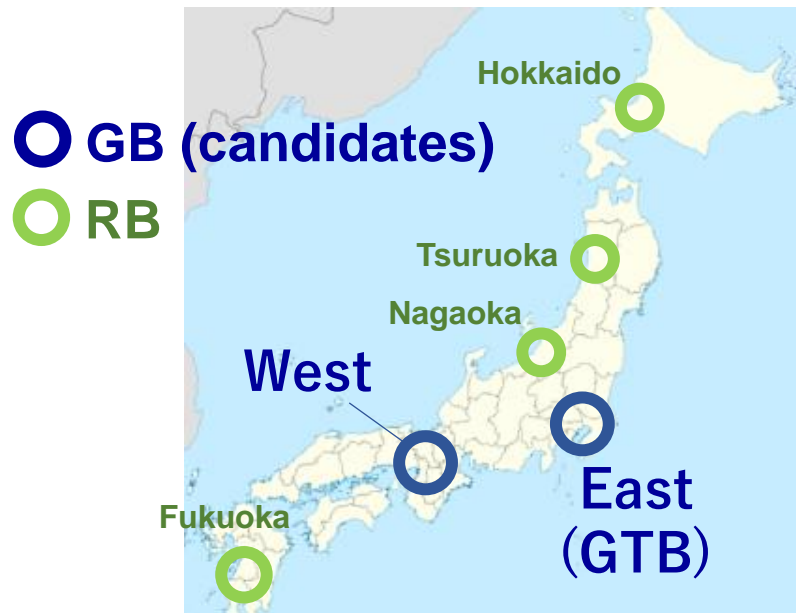
Formation of Biocommunities

Global Biocommunity (GB)

- Establish the world's most advanced research environment and commercialization support system
- Recognized as an international bio-innovation hub.
- Establish a value chain involving diverse entities from R&D to commercialization

Regional biocommunity (RB)

- A unique community that develops initiatives based on local characteristics



GB (two candidates)

- East : Greater Tokyo Biocommunity (GTB)
- West : Biocommunity Kansai

RB : The four areas were decided in 2021.

Aiming to establish a bioeconomy society

- **Continuous exchange of ideas/information**
 - ✓ **Biotechnology / Human Resources**
 - ✓ **Sharing progress and challenges**
 - ✓ **Enhancing cooperation between bio-communities**
 - ✓ **Strengthening / expanding supply chain and value chain, etc.**
- **Harmonization and standardization of regulations and rules**
 - ✓ **Administrative procedures for the use of innovative technologies**
 - ✓ **Utilization of bio-data, etc.**