



**BRIN**  
BADAN RISET  
DAN INOVASI NASIONAL

# インドネシア戦略と長崎県との協力可能性



**DEPUTY FOR REGIONAL RESEARCH AND INNOVATION**  
**NATIONAL RESEARCH AND INNOVATION AGENCY (BRIN)**

**Nagasaki Japan, 27 February 2026**

# OUTLINE

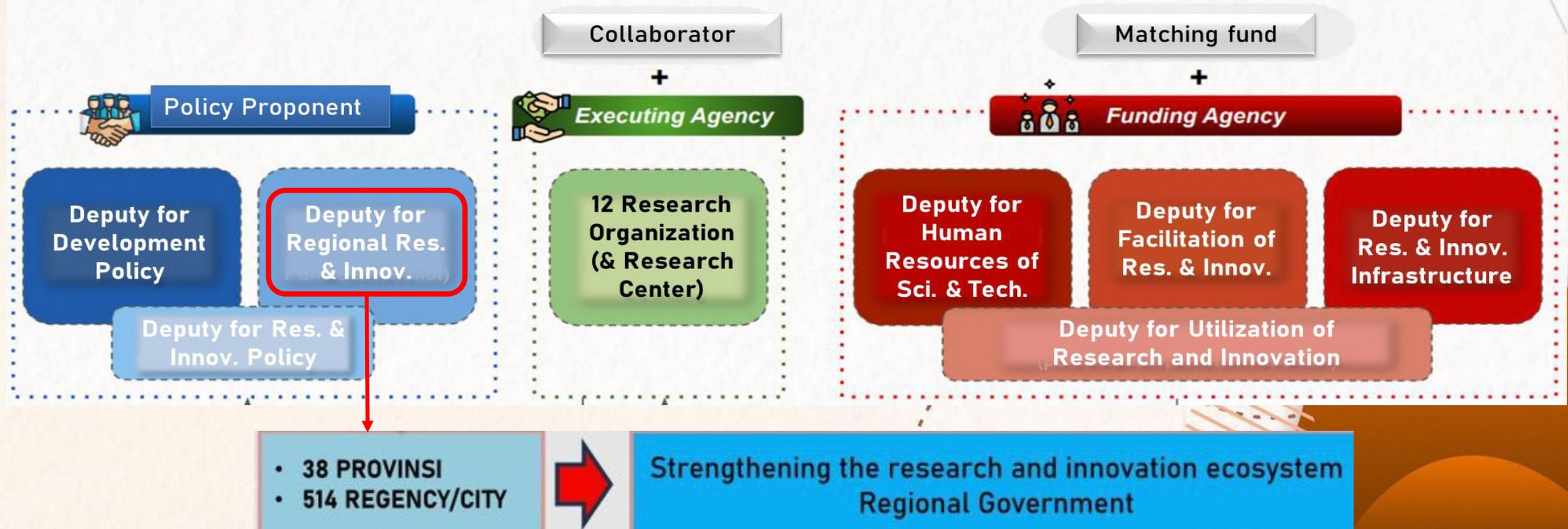
- ❖ ***BRIN'S ROLE, ONE OF WHICH IS IN SUPPORTING LOCAL GOVERNMENTS***
- ❖ ***OPPORTUNITIES FOR OVERSEAS PARTNERS TO COLLABORATE WITH LOCAL GOVERNMENTS***
- ❖ ***EXPANSION OF NAGASAKI'S COOPERATION WITH ALL LOCAL GOVERNMENTS IN INDONESIA***
- ❖ ***UNDERSTANDING THE REGION'S MAIN POTENTIAL TO EXPAND COOPERATION OPPORTUNITIES***
- ❖ ***MAP OF GEOGRAPHICAL INDICATIONS OF INDONESIA'S PRIORITY REGIONAL PRODUCTS***
- ❖ ***COLLABORATION OPPORTUNITIES IN HEALTHCARE SECTOR ADDRESS THE NEEDS OF JAPAN AND INDONESIA***
- ❖ ***STRATEGIC VISION : TRANSFORMING THE DEMOGRAPHIC BONUS INTO A DEMOGRAPHIC DIVIDEND***
- ❖ ***BUILDING A COLLABORATIVE ECOSYSTEM (PENTAHELIX MODEL) : HEALTHCARE SECTOR TO MEET THE NEEDS OF NAGASAKI AND WEST JAVA***

## NATIONAL RESEARCH AND INNOVATION AGENCY

hereinafter abbreviated as BRIN is a government institution that is under and responsible to the President in conducting integrated research, development, study, and application, as well as inventions and innovations, implementation of nuclear energy, and implementation of space.  
**(Article 1 of Presidential Regulation 78 of 2021 concerning the National Research and Innovation Agency)**



- Proponent for evidence/science-based policies for central (ministries/institutions) and local governments
- Strengthening the national research and innovation ecosystem: funding and executing agency



## OPPORTUNITIES COLLABORATE WITH LOCAL GOVERNMENTS IN INDONESIA

- 38 provinces and 514 regencies/cities in various fields.
- Local area development requires appropriate evidence-based policy
- This is the responsibility of each local government's BRIDA
- BRIDA : Regional Research & Innovation Agency at Local Government

### Developing Regions in Indonesia by Implementing Research and Innovation

- Building the local governments that has a high competitiveness index with **the application of research and innovation** will support the stability of Indonesia's development
- Based on presidential regulation no.78/2021, National Research and Innovation Agency (BRIN) is in charge of assisting local governments in the process of establishing Regional Research and Innovation Agency (BRIDA)
- There will be BRIDA in 34 provinces and 514 districts/cities. Local governments have a lot of resources (biodiversity, culture etc.) that need a science and technology approach to be utilized.
- Collaboration work (applied research, social and cultural research, building human resource capacity, facility improvement etc.) with partners from abroad is important for **BRIDA**

### Potential for Work Collaboration with BRIDA

- Research related to **Appropriate Technology**
- Research related to **Social, Cultural and Environmental**
- **Developing a Joint Research Station for specific fields in the Region**
- **Build Human Resource Capacity in the region**
- **Utilize the potential of bioresources (Collection in Regional Botanical Gardens: currently there are 45 Regional Botanical Gardens)**
- **Develop innovation standards for implementation in micro, small and medium enterprises (MSMEs)**



Around 280 local governments have formed BRIDA (24 provinces, 256 regency/city)

# Expansion of Japan-indonesia Cooperation, Focusing on Local Governments



Signing of the MoM at the JCC Meeting by JICA Indonesia Office, Deputy V of the Coordinating Ministry for Economic Affairs; and Regional Assistant for Economy and Development of West Java Province.



LoI between BP Rebana and the Matrix of Cyber Smart City Consortium (MCSCC). Signifying a commitment to developing a sister region and smart city ecosystem in the Rebana area



西ジャワ州政府と長崎県との協力可能性



インドネシアの地方政府と長崎県との協力可能性  
38州、514地区/市

## Expanding potential collaboration “Understanding the key potential of local governments”

- Seaweed industry cluster development for coastal communities
- Restoration of underwater habitats (coral reefs, seagrass beds, etc.)
- Development of organic agriculture
- Development of standard & safety tourism



### BALI

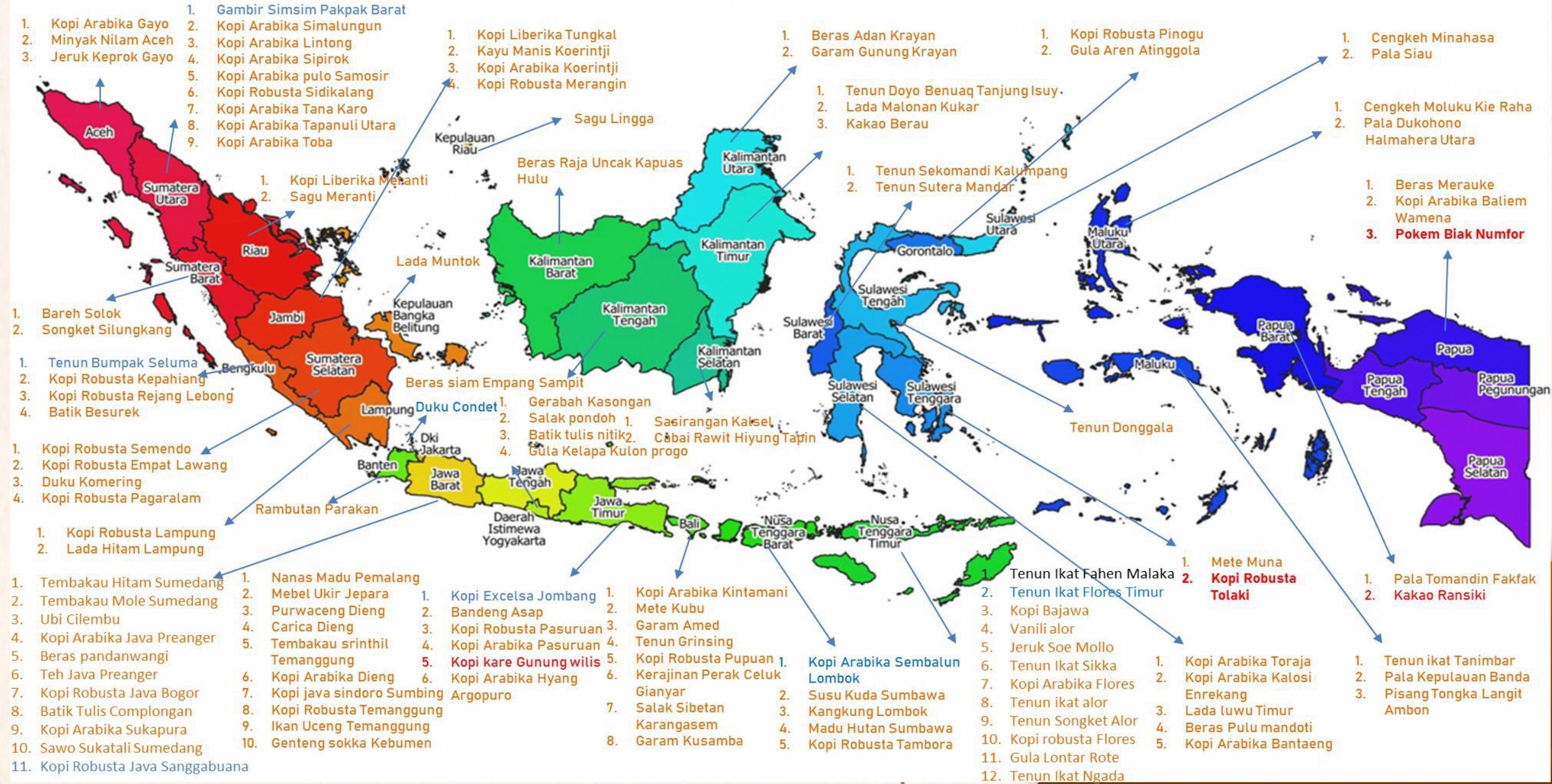
- Zero waste initiative to support circular economy implementation
- Business Incubation Center for supporting SME's
- Development of edu-tourism area
- Environmental and waste management
- Non-timber forest product processing



### NUSA TENGGARA BARAT

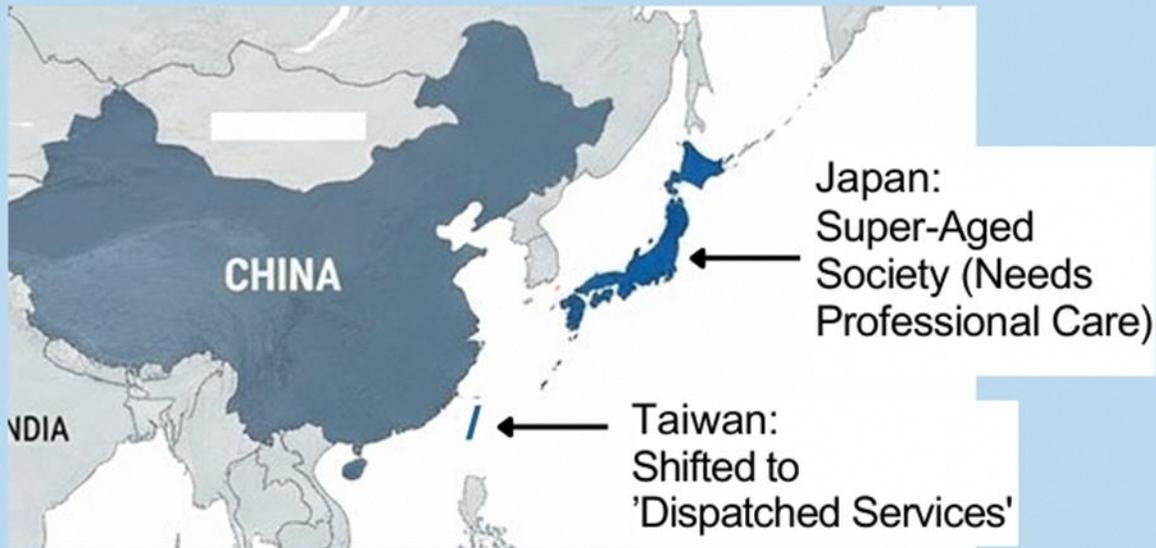
- ❑ **The local potential of each local government varies.**
- ❑ **Regional competitiveness index information data 2023-2025 is available for free access. This data can be used to analyze the strengths and weaknesses of local governments.**
- ❑ **For detailed information, contact email: [yopi003@brin.go.id](mailto:yopi003@brin.go.id)**

# GEOGRAPHIC INDICATION MAP BASED ON LOCAL PRIORITY PRODUCTS

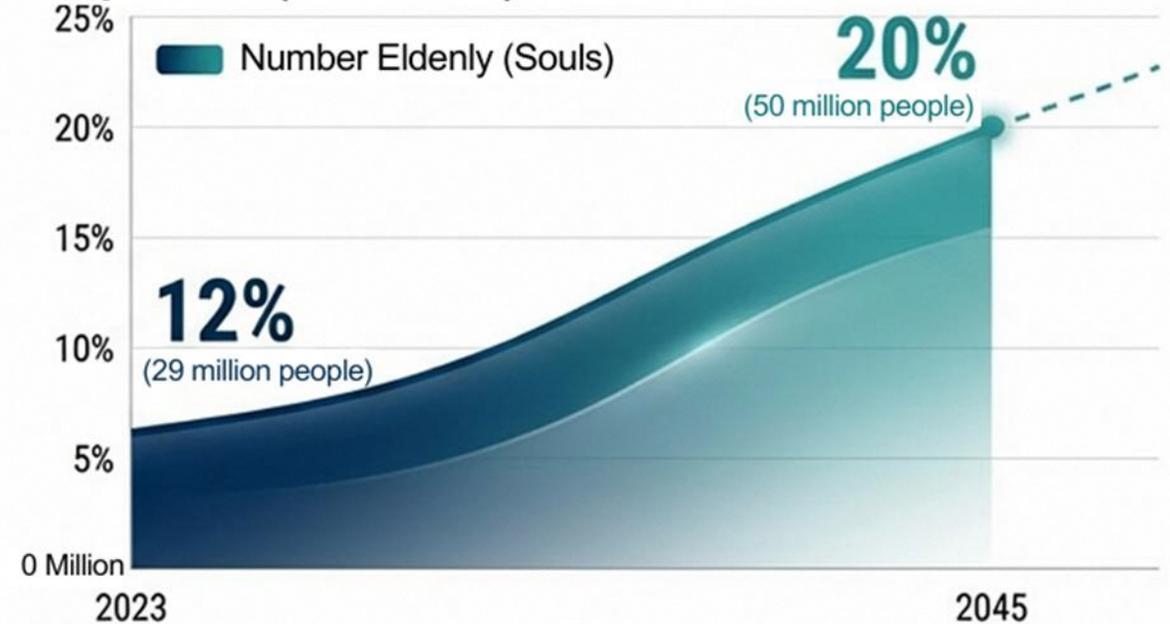


# Collaboration Opportunities in Healthcare Sector Address the Needs of Japan and Indonesia

## Global Context: 'Super-Aged Society'



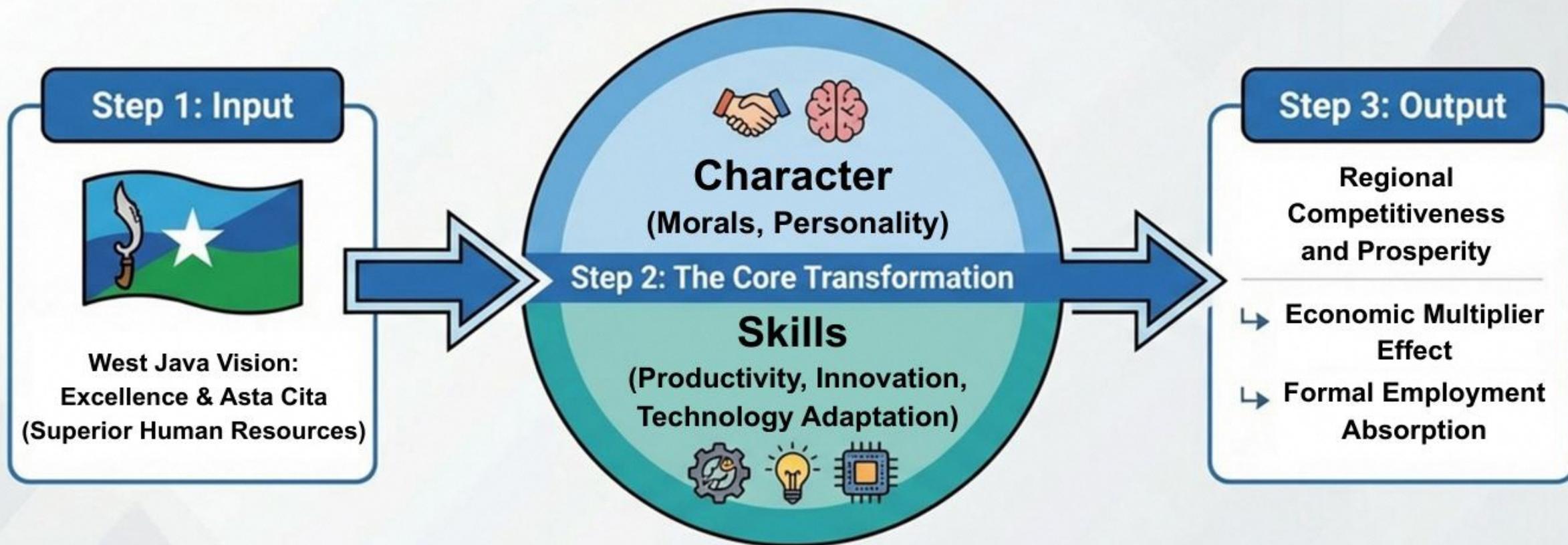
## Projections for Indonesia's Elderly Population(2023-2045)



### Early Warning

The city of Cirebon has recorded an Elderly Dependency Ratio (EDR) of **16.44%** (2022). Population aging is not only a problem a foreign issue, but a domestic crisis that is already upon us. This increases the need for Long-Term Care (LTC).

# STRATEGIC VISION: TRANSFORMING THE DEMOGRAPHIC BONUS INTO A DEMOGRAPHIC DIVIDEND

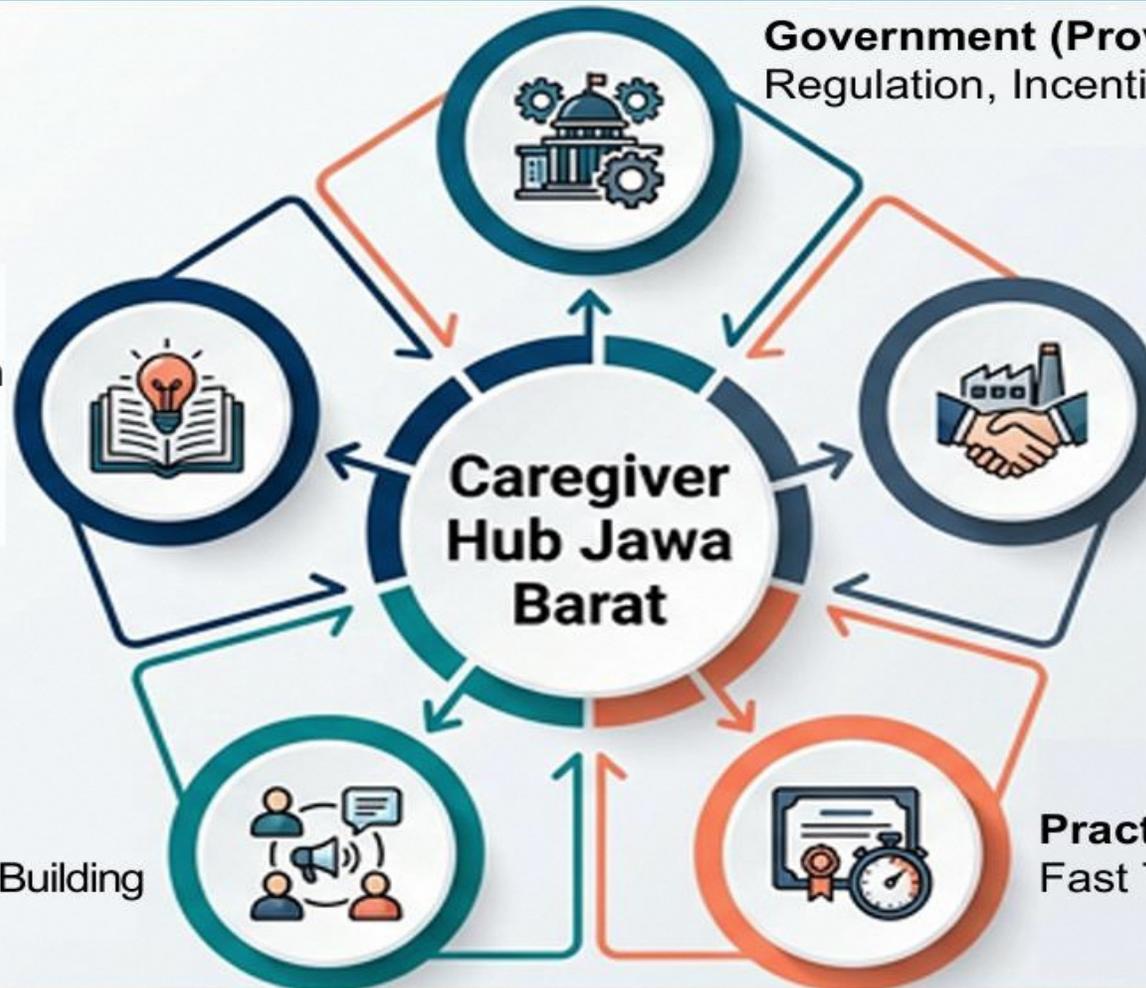


Investment in skilled human resources not only reduces unemployment but also generates productivity leverage for the manufacturing, creative, and agribusiness sectors.

# Build Collaborative Ecosystem (Pentahelix Model) “Healthcare Sector to Meet the Needs of Nagasaki and West Java”



**Academics  
(Vocational Schools/Health  
Polytechnics)**  
Teaching Factory Innovation



**Government (Provincial Government)**  
Regulation, Incentives, Facilitation

**Industry (IDUKA)**  
Curriculum, Internship  
Placement, Workforce  
Absorption

**Community/Media**  
Public Awareness & Image Building

**Practitioners (Training Centers / LPK)**  
Fast Training, RPL

- ❑ Develop a practical learning facility based on innovation in healthcare.
- ❑ In accordance with Japanese standards to meet competency standards.
- ❑ Collaboration of JICA, West Java Province, and Nagasaki Province

## CONTACT US



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