



# **Current Status of JICA Support for Africa's Rice Sector and Challenges and Responses for Achieving CARD's Goals**

Japan International Cooperation Agency

March 11, 2026, Antananarivo

**JICA's support**



# CARD (Coalition for African Rice Development) as of February, 2026

## Senegal

- Agriculture Policies
- Strengthen the Rice Value Chain of the Senegal River Valley
- Reinforcement of Rice Production in Southeastern Senegal and Casamance
- Irrigated Rice Production in the Senegal River Valley
- ▲ Agriculture Two-Step Loan

## Cote d'Ivoire

- Improvement of Mechanized Services in the Rice Cultivation Sector

## Egypt

- South-South Cooperation: Improvement for Rice Cultivation Techniques and Production in Africa

## Burkina Faso

- Improvement of Equipment for Irrigation Rehabilitation and Maintenance

## Ethiopia

- Advisor for Agriculture
- Small Scale Irrigation Development
- Capacity Development to Transfer the Technology for Increasing Rice Production (EthioRice2)

## Uganda

- Agricultural Planning
- Promotion of Sustainable Rice Farming Development
- Sustainable Utilization, Operation and Management of Irrigation System in Atari Basin Area phase 1
- Development of Irrigation System in Atari Basin Area

## 1st Group (12 countries)

## 2nd Group (11 countries)

## 3rd Group (9 countries)

## Others

## Guinea

- Domestic Rice Production and Sales Promotion in Lower Guinea

## Sierra Leone

- Rice Productivity Improvement

## Ghana

- Ghana Rice Production Improvement Project
- Enhancement of Rice Seeds Production Capacity
- Sustainable Agricultural Mechanization Promotion

## Brundi

- Supporting the Improvement of Rice Farming

- Advisor
- TC Project
- ◎ SATREPS
- ▲ FS
- Grant
- Loan

## Nigeria

- Capacity Development for Enhancement of Rice Seed Production
- Enhancement of Rice Seeds Production System

## Cameroon

- Irrigated and Rainfed Rice Development by Reinforcing Value Chain

## DRC

- Development of Rice Cultivation

## Angola

- Promotion of Agricultural Development
- Rice Production Development in Eastern Angola

## Zambia

- Market-Oriented Rice Development
- Support for Sustainable Community Based Irrigation Development
- ◎ establishment of an immediate rice variety development system using anther culture and citizen science
- Advisor to the Dept. of Agriculture
- Development of Rice Seeds Production Field and Training Facilities

## Rwanda

- Agriculture Policy

## Malawi

- Promotion of Rice Production and Marketing
- ▲ Expanding and Upgrading Lufilya Irrigation Schem

## Mozambique

- Agriculture Advisor

## Kenya

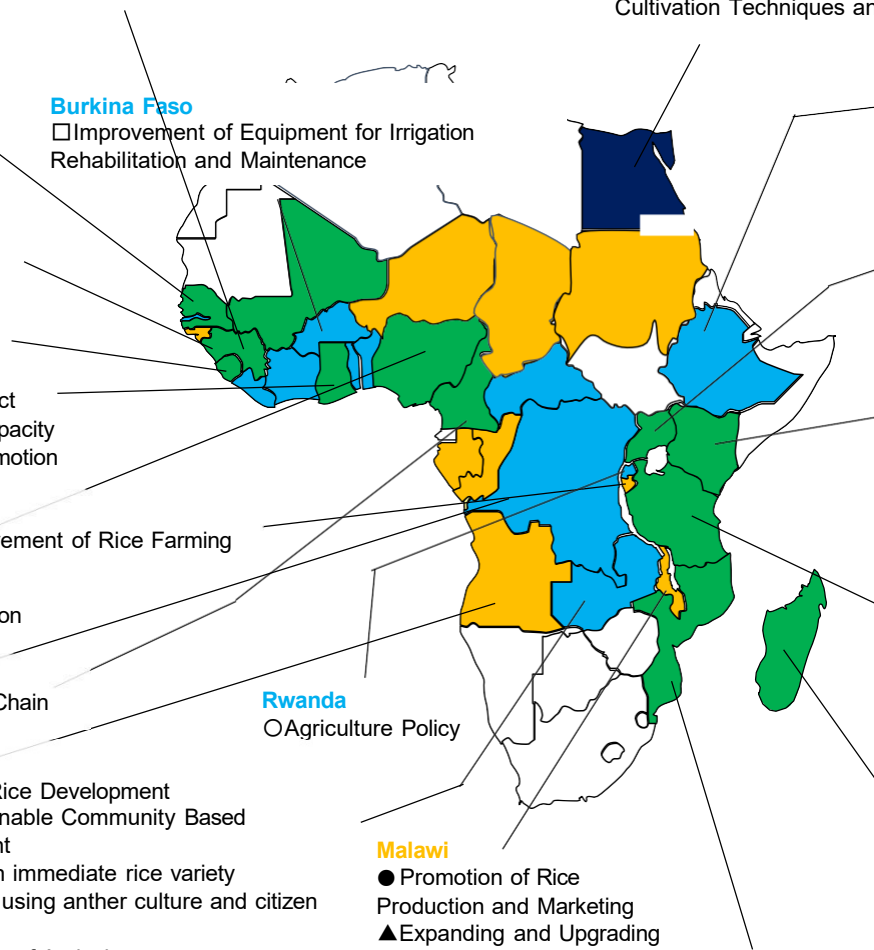
- Rice Promotion in SSA
- Strategic Agricultural Development
- Capacity Development Project for Enhancement of Rice Production in Irrigation Schemes
- ▲ Rehabilitation of the Ahero Irrigation Scheme
- Mwea Irrigation Development

## Tanzania

- Strengthening Capacities of Stakeholders of Rice Industry Development
- Irrigation Development Advisor
- Agricultural Mechanization Advisor
- Agricultural Inputs Support
- Agriculture and Rural Development Two Step Loan

## Madagascar

- ◎ Development of the Sustainable and Diversified Rice Farming System by Reflecting the Importance of Forest Functions
- Development of Rice Seeds Production Fields and Facilities
- Disseminating Innovative Technologies for Promoting Rice Production in Nutrient-Deficient Paddy Fields





## JICA's Rice Development Activities in SSA

- Technical Cooperation: USD 23.1 million (ongoing)  
24 projects, 18 experts in 23 countries (23.1 million USD)
- Loan: 4 projects in 3 countries (ongoing) and one new project in Tanzania (142.1 million USD)
- Grant aid: 6 projects in 6 countries (ongoing) and two new projects in Nigeria (seed production) and Burundi (post harvest) (7.7 million USD)

Country	Project Title
Angola	Project for Rice Production Development in Eastern Angola
Angola	Advisor on Promotion of Agricultural Development
Burundi	Project for Supporting the Improvement of Rice Farming
Cameroon	Project for Irrigated and Rainfed Rice Development by Reinforcing the Value Chain
Côte d'Ivoire	Local Rice Promotion Project Phase II
DRC	Technical Adviser on Rice Cultivation
Ethiopia	Project for Capacity Development to Transfer the Technology for Increasing Rice Production (EthioRice2)
Ethiopia	Agricultural Growth and Transformation Advisor
Ethiopia	Small Scale Irrigation Development Advisor
Ghana	Ghana Rice Production Improvement Project (GRIP)
Ghana	Promotion of Sustainable Agricultural Mechanization
Guinea	Project for Domestic Rice Production and Sales Promotion in Lower Guinea
Kenya	Rice Promotion expert in Kenya and Sub-Sahara Africa (CARD Initiative) (A)
Kenya	Rice Promotion expert in Kenya and Sub-Sahara Africa (CARD Initiative) (B)
Kenya	Capacity Development Project for Enhancement of Rice Production in Irrigation Schemes (CaDPERP) Phase 2
Liberia	Improving Rice Production for Smallholders Project (LibRice)
Madagascar	Project for Promotion of Productivity Improvement and Industrialization of the Rice Sector
Madagascar	Technical Adviser of Agriculture and Rural Development
Madagascar	Project for Disseminating Innovative Technologies for Promoting Rice Production in Nutrient-Deficient Paddy Fields
Madagascar	Project for Development of the Sustainable and Diversified Rice Farming System by Reflecting the Importance of Forest Functions

Country	Project Title
Mauritania	Advisor for Agriculture
Mozambique	Advisor for Rice Sector Promotion
Nigeria	Project on Capacity Development for Enhancement of Rice Seed Production in Nigeria
Rwanda	Agriculture Policy Advisor
Rwanda	Project for Water Management and Capacity Building Phase2
Senegal	Project for Reinforcement of Rice Production in Southeastern Senegal and Casamance
Senegal	Project to Strengthen the Rice Value Chain of the Senegal River Valley
Senegal	Agriculture Politics Advisor
Sierra Leone	Rice Productivity Improvement Project (RPIP)
South Sudan	Advisor for Strategic Agriculture Development
Tanzania	The Project for Strengthening Capacities of Stakeholders of Rice Industry Development in the United Republic of Tanzania
Tanzania	Irrigation Development Advisor
Tanzania	Agricultural Mechanization Advisor
Uganda	Project for Sustainable Utilization, Operation and Management of Irrigation System in Atari Basin Area
Uganda	Promotion of Sustainable Rice Farming Development Project (Eco-PRiDe)
Uganda	Agricultural Planning Advisor
Uganda	Project for Sustainable Utilization, Operation and Management of Irrigation System in Atari Basin Area Phase 2
Zambia	Market-Oriented Rice Development Project
Zambia	The Project for the establishment of an immediate rice variety development system using anther culture and citizen science
Zimbabwe	Rice Research, Development and Production Advisor <sup>5</sup>



# JICA's Rice Development Activities in SSA

## Training in Japan



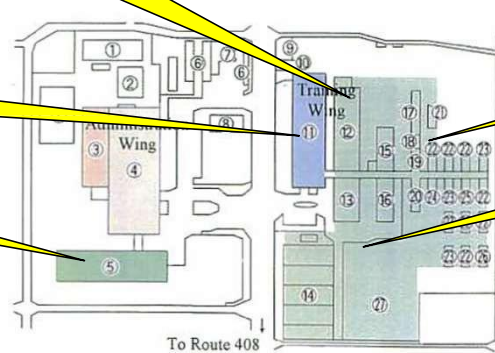
Lab.



Glass houses

Training wing

Accommodation



Field





# JICA's Rice Development Activities in SSA

## • Training Programs in Japan

Title	Target countries (2026)
Development of Core Agricultural Researcher for Promotion of Rice Production in Sub-Saharan Africa	Madagascar, Senegal
Promotion of African Rice Development for Sub-Saharan African Countries	Sudan, Gambia, Nigeria, Somalia, Tanzania, Mozambique, Angola, Burkina Faso, Cameroon, Central African Republic, Chad, Equatorial Guinea, Guinea, Madagascar, Mauritania, Senegal, Togo, Democratic Republic of the Congo
Promotion of Agricultural Mechanization for Africa	Ghana, Nigeria, Zambia, Burkina Faso, Chad, Republic of the Congo, Côte d'Ivoire, Mali, Mozambique, Senegal
Improvement of Rice Cultivation Techniques (For Extension Officers)	Liberia, Malawi, Nigeria, Uganda, Zambia, Cameroon, Central African Republic, Guinea, Mozambique, Rwanda, Sierra Leone, South Sudan
Rice Cultivation, Seed Production and Variety Selection Techniques	Ghana, Malawi, Uganda, Zimbabwe, Angola, Benin, Côte d'Ivoire, Equatorial Guinea, Mozambique, Rwanda, Senegal
Post-Harvest Rice Processing for African Countries	Sudan, Ethiopia, Ghana, Zimbabwe, Burundi, Cameroon, Republic of the Congo, Côte d'Ivoire, Guinea, Madagascar, Rwanda, Senegal, Togo, Democratic Republic of the Congo, South Sudan



## JICA's Rice Development Activities in SSA



Japan Overseas  
Cooperation  
Volunteers

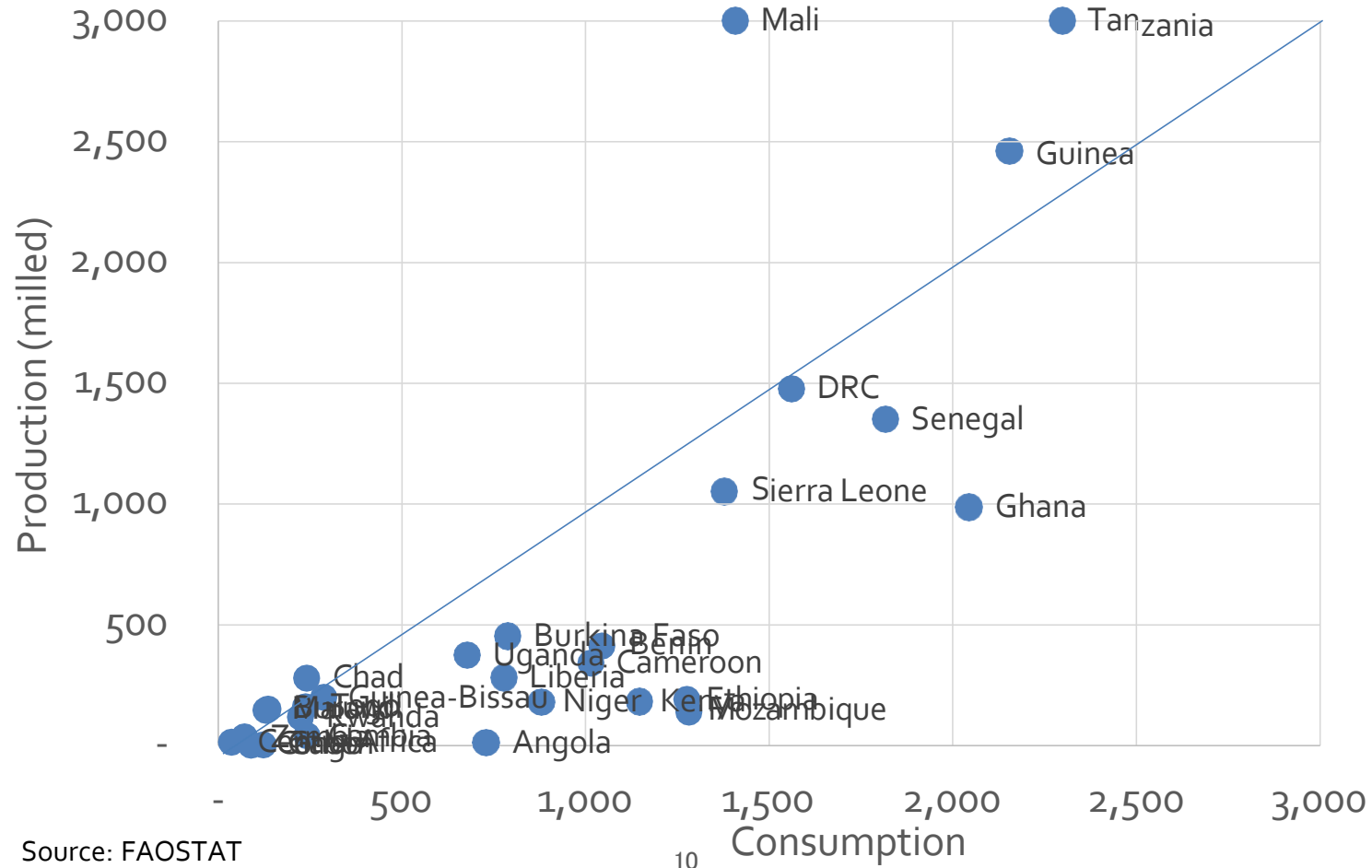
More than 350  
volunteers have been  
dispatched since launch  
of CARD.



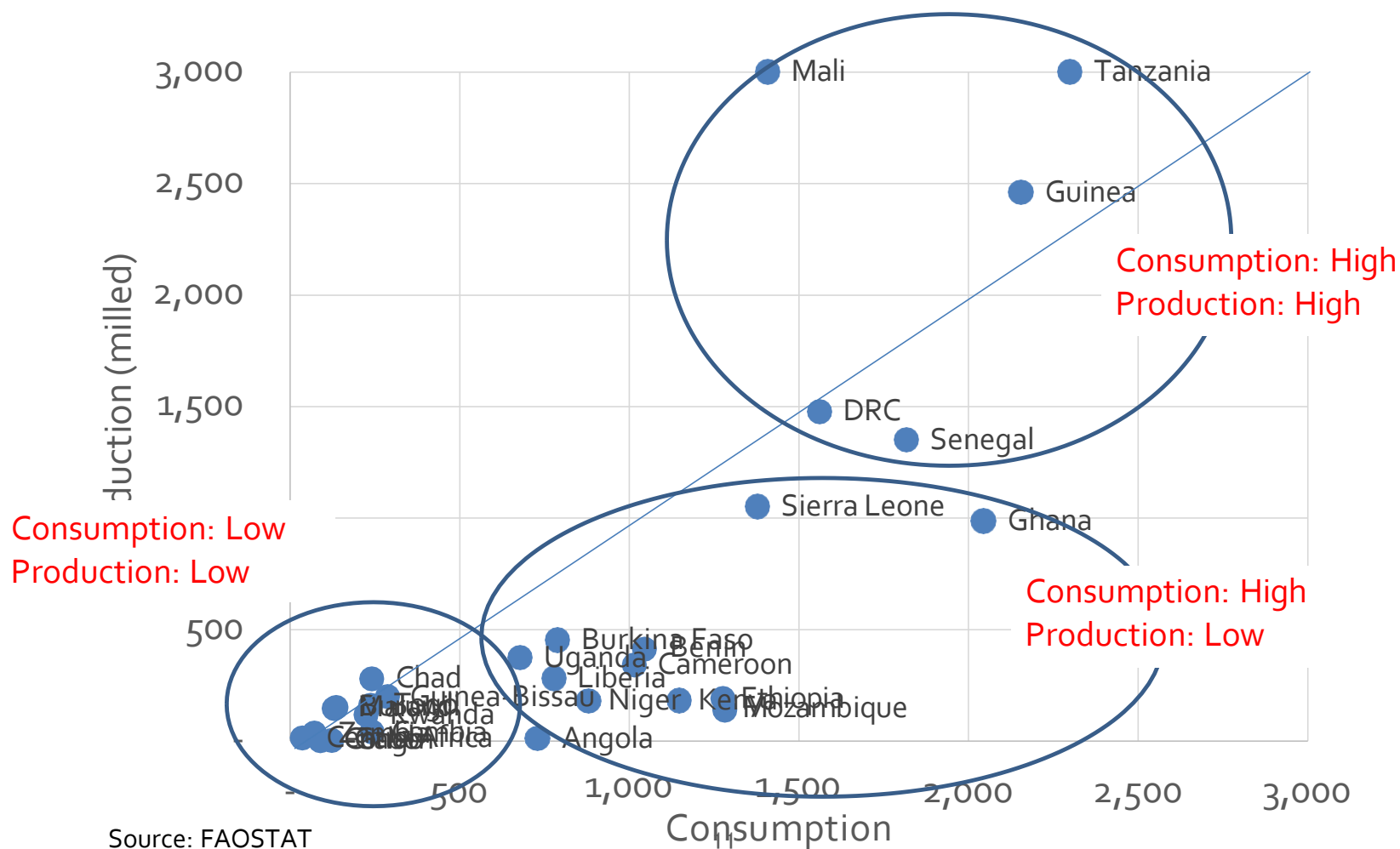
**Necessary Approaches to be  
taken for achieving CARD  
goal in 2030**



# Production and Consumption (2020)



# Production and Consumption (2020)



### □ Priority setting

Priority must be different by country, depends on development stage of rice.

- ① High production - High consumption group : **Productivity & quality**
- ② Low production – High consumption group : **Area expansion** (increase number of rice farmer)
- ③ Low production – Low consumption group : **Establish foundation of rice promotion**



## Matters to Consider for Achieving CARD's Goals

- **Provide appropriate rice technique** to farmers by stage of rice development.
  - **Productivity-enhancing technique** for existing farmers  
[JICA's support]  
Madagascar: Project for Promotion of Productivity Improvement and Industrialization of the Rice Sector (PAPRIZ)  
Tanzania: The Project for Strengthening Capacities of Stakeholders of Rice Industry Development (TANRICE)
  
  - **Foundational, entry-level technique** for emerging farmers  
[JICA's support]  
Zambia: Market-Oriented Rice Development Project (MoReDeP)  
Angola: Project for Rice Production Development in Eastern Angola



## Matters to Consider for Achieving CARD's Goals

### ➤ Develop technologies by production environment

- Technologies for the rain-fed condition including climate change response especially adaptation measure
- Technologies suitable for irrigated condition

[JICA's support]

Madagascar: Project for Disseminating Innovative Technologies for Promoting Rice Production in Nutrient-Deficient Paddy Fields

### ➤ Seed

- Establish seed system including enhancing public research institute, private seed companies, etc.

[JICA's support]

Nigeria: Project on Capacity Development for Enhancement of Rice Seed Production in Nigeria

## □ Extension

- Enhance public extension organizations and private sector engagement such as input suppliers
- Collaboration with education institution for reproduce skilled extension staff

[JICA's support]

Ghana: Ghana Rice Production Improvement Project (GRIP)

Madagascar: Project for Promotion of Productivity Improvement and Industrialization of the Rice Sector (PAPRIZ)

## □ Value chain Development/ Mechanization

- Strengthening each actor in the rice value chain (millers, distributors, financial institutions, etc.)
- Service providers (public/private), Government officers (policy aspects), Engineers (public/private) for mechanization

[JICA's support]

Côte d'Ivoire : Local Rice Promotion Project Phase II

Senegal: Project to Strengthen the Rice Value Chain of the Senegal River Valley

Cameroon: Project for Irrigated and Rainfed Rice Development by Reinforcing the Value Chain

Ghana: Promotion of Sustainable Agricultural Mechanization



## Response to Climate Change

- **Risk Mitigation Technologies**

- Develop new rice variety (drought-tolerant varieties, early maturing variety etc.), Shifting crop calendar to consider risks

[JICA's support]

Uganda: Promotion of Sustainable Rice Farming Development Project (Eco-PRiDe)

Zambia: The Project for the establishment of an immediate rice variety development system using anther culture and citizen science

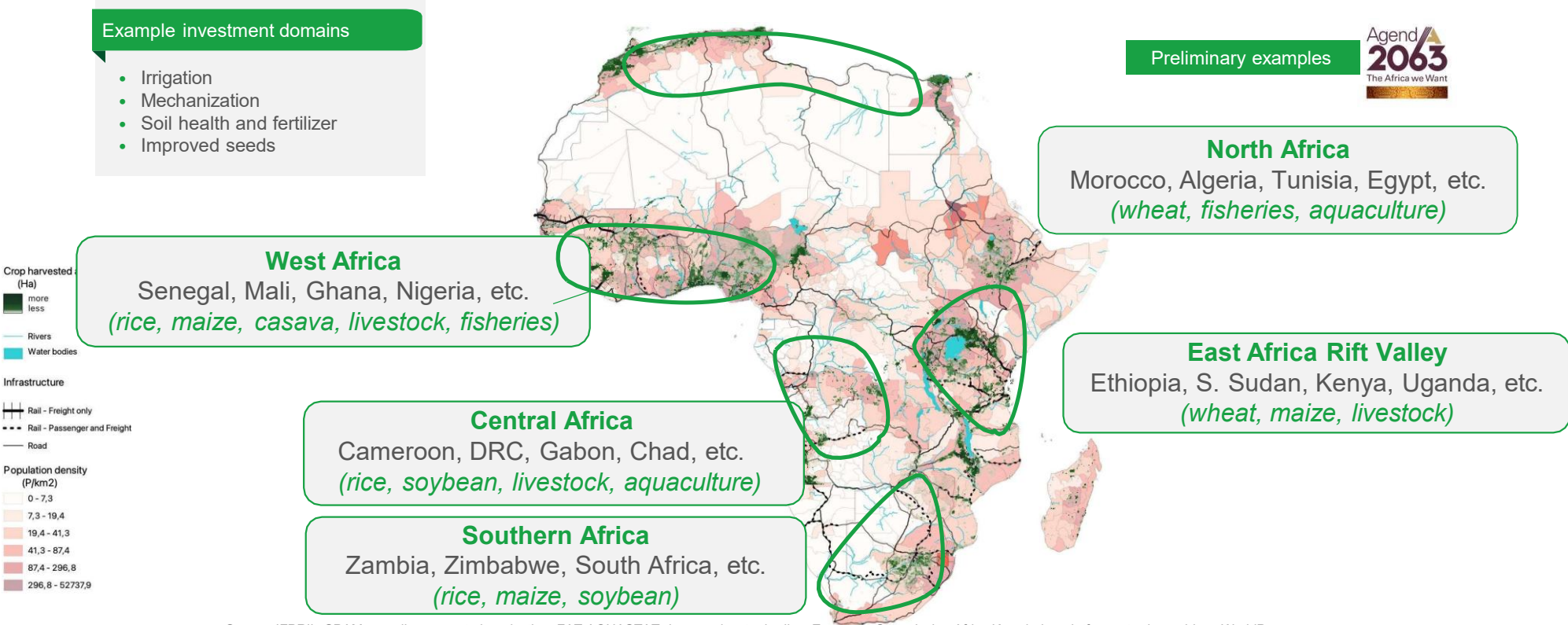
- **Infrastructure**

- Irrigation Development (New/Rehabilitation)
- Operation and Maintenance (Enhance water users association etc.)

[JICA's support]

Projects in Uganda, Tanzania, Rwanda, Senegal, Burundi, Ghana, Kenya, Madagascar, etc.

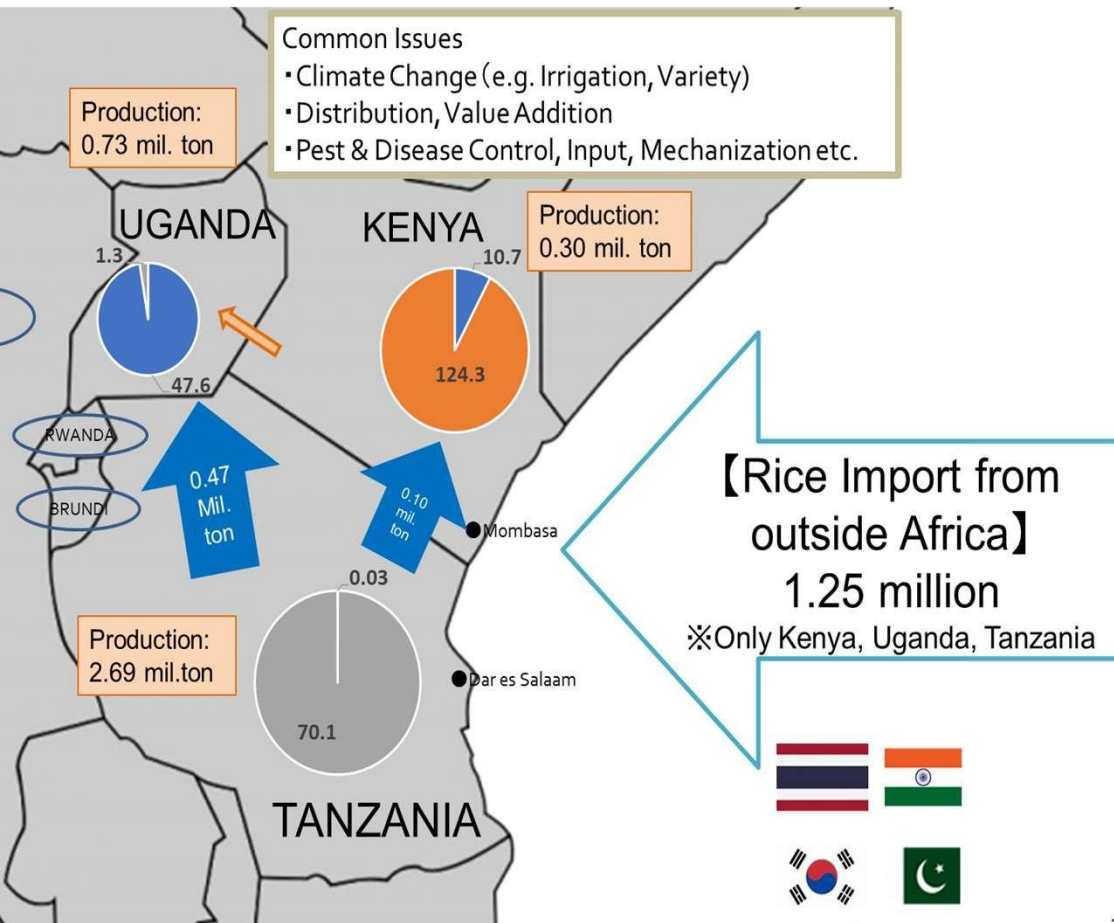
# “Food Baskets” approach under the Action Plan “Building Sustainable and Resilient Food Systems in Africa”



Preliminary examples **Agenda 2063**  
The Africa we Want

Source: IFPRI's SPAM crop disaggregated production; FAT AQUASTAT rivers and water bodies; European Commission Africa Knowledge platform – trade corridors, WorldPop population density; AfDB: Cross-border road corridors (2019); BCG analysis

# JICA Regional approach -Rice Food System in EAC region



- In order to reduce rice imports from Asia, in addition to increasing rice production in each country, it is necessary to strengthen competitiveness against rice imports from Asia by improving distribution systems, institutions, and infrastructure within the region and by adding value.
- Distribution of fertilizers, seed production, pest control, and mechanization are common issues, but each country is currently working on these issues separately.



## Conclusion

All stakeholders need to accelerate their efforts to achieve CARD's goals.

### [JICA]

- Continue our support mainly through TA in various sub-sectors (seed, extension, value chain development etc. )
- Consider more financial support for CARD related project

### [Other SC members]

- Expect for promoting activities that leverage the characteristics of each organization based on the Concept Note under NRDS
- e.g. Irrigation development (DFIs)、 R&D (AfricaRice, IRRI, JIRCAS)

### [Member countries]

- Increase government budget for rice promotion.
- Secure government personnel who know rice (officials, researchers, extension staff etc.)

Thank you very much