



Japan's Support to Development and Dissemination of NERICA

Economic Cooperation Bureau
Ministry of Foreign Affairs of Japan
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Japan's basic approach to agricultural and rural development in Africa

- Importance of agricultural & rural development for poverty reduction in Africa
- Poverty reduction through economic growth
- Cooperation with the AU/NEPAD CAADP* and other African Initiative

* Comprehensive Africa Agriculture Development Programme



Japan' s support to agricultural and rural development in Africa

- **Raising agricultural productivity**

e.g. support to research and development and dissemination of technologies, small-scale irrigation

- **Strengthening urban-rural linkages**

e.g. support to improvement of local roads, development of agricultural market and processing facilities

- **Capacity building of local governments and farmers**

e.g. support to formulation of agriculture related policies, organization of farmers, training for instructors in farming

- **Promoting the African Village Initiative (AVI)**

Pressing needs to increase rice production in Africa

- Increasing rice consumption in Sub-Saharan Africa
- Dependence on imports for about 40% of total supply

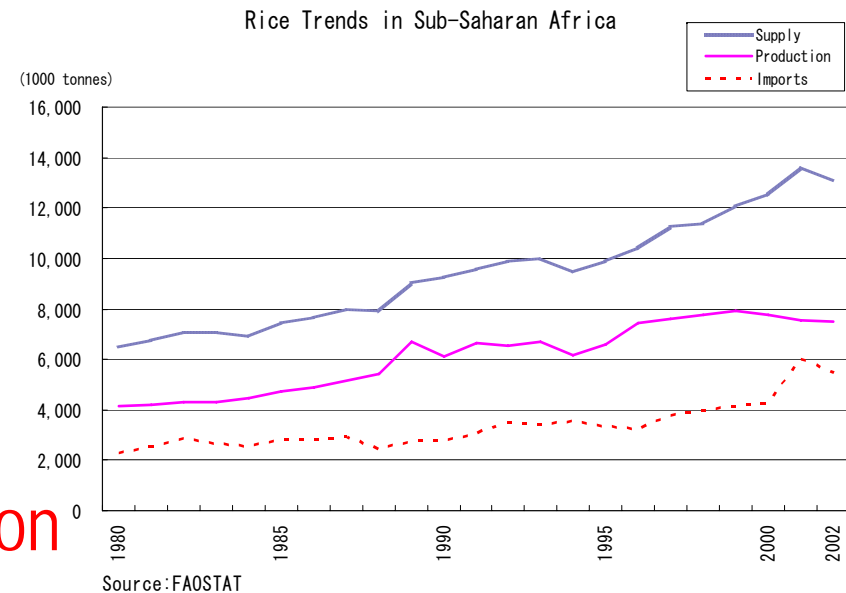


Need to promote local rice production

e.g. development and dissemination of **NERICA** (New Rice for Africa)



- Poverty reduction through increasing poor farmer's income
- Food security in Sub-Saharan Africa



Japan's support to development and dissemination of NERICA

(1) Research and development (breeding, identification of variety characteristics)

- Support to research on NERICA through the contribution to CGIAR and UNDP at WARDA*¹
- Research on NERICA by Japanese scientists
- JIRCAS*²-WARDA collaboration in Guinea

*¹ Africa Rice Center (West Africa Rice Development Association)

*² Japan International Research Center for Agricultural Sciences

Results

- Development of 18 NERICA varieties
- Development of promising lowland NERICA lines



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(2) Practical application (experiments, seed production, etc.)

- Cultivation experiments, seeds production and training in Uganda and patrol instruction around the east and southern Africa by a JICA expert
- Experiments in Kenya, Ethiopia, Mozambique, Madagascar, Tanzania and Malawi by JICA experts
- The east and southern Africa NERICA seminar hosted by JICA
- Support to seed production in Guinea, Cote d'Ivoire and Ethiopia through UNDP
- Seed production at WARDA by a JICA expert

Results

- A JICA expert has provided 44 tons of NERICA seeds every planting for the Upland Rice Growing Initiative led by the Vice-President of Uganda.
- Guinea has exported NERICA seeds to the neighbor countries (Gambia, Mali and Sierra Leone).



Japan's support to development and dissemination of NERICA

(3) Dissemination (distribution of seeds and fertilizer, training, etc.)

- Distributing of seed and fertilizer and training to manufacture threshers in cooperation between JICA and SG2000*
- Support to dissemination of NERICA in Guinea, Cote d'Ivoire through UNDP
- Support to African Rice Initiative (ARI) at WARDA by JICA experts

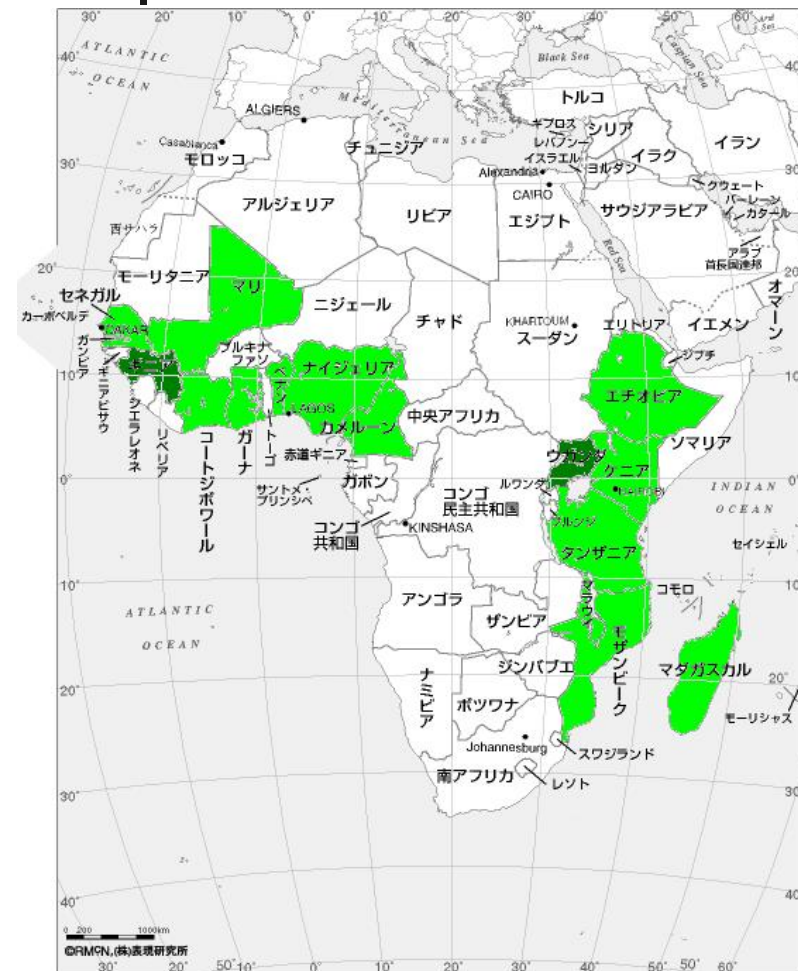
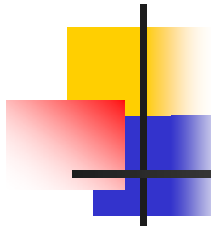
* Agricultural projects as joint venture of Sasakawa Africa Association and the Carter Center's Global 2000 programme

Results

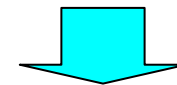
- The crop area of NERICA in Uganda has been expanded from 1,500ha in 2002 to 10,000 ha in 2005.
- The NERICA rice fields amount to about 15% (70,000 ha) of all rice fields in Guinea.



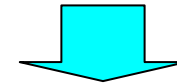
Japan's action plan to develop and disseminate NERICA



Development and dissemination of NERICA initially focused attention on Uganda and Guinea



Making success stories in these two countries



Expansion the area of NERICA dissemination

< East and southern >

Ethiopia, Kenya, Tanzania, Malawi, Madagascar and Mozambique

< West and central >

Benin, Cameroon, Cote d'Ivoire, Gambia, Ghana, Mali, Nigeria and Senegal



Action plan to develop and disseminate NERICA 2006-2007

(1) Uganda

- Provision the Grant Assistance for Underprivileged Farmers of US\$ 1.37 million in total for a project to distribute seeds, fertilizer and pedal threshers and to train farmers implemented by FAO in collaboration with MAAIF*, JICA and other partners

*The Ministry of Agriculture, Animal Industry and Fisheries

- Additional dispatch of a JICA expert (TBD)
- A survey on production, distribution and consumption of NERICA
- NERICA stakeholder meeting (TBD)



Action plan to develop and disseminate NERICA 2006-2007

(2) Guinea

- Support to a project to disseminate NERICA rice post harvest technology and to train rural women implemented by SNPRV* and SG2000 through UNDP (TBD)
- Dispatch of a JICA expert to support to formulation of a plan for promotion of rice farming
- A survey on production, distribution and consumption of NERICA
- NERICA stakeholder meeting (TBD)

* National Extension Service and Rural Promotion



Action plan to develop and disseminate NERICA 2006-2007

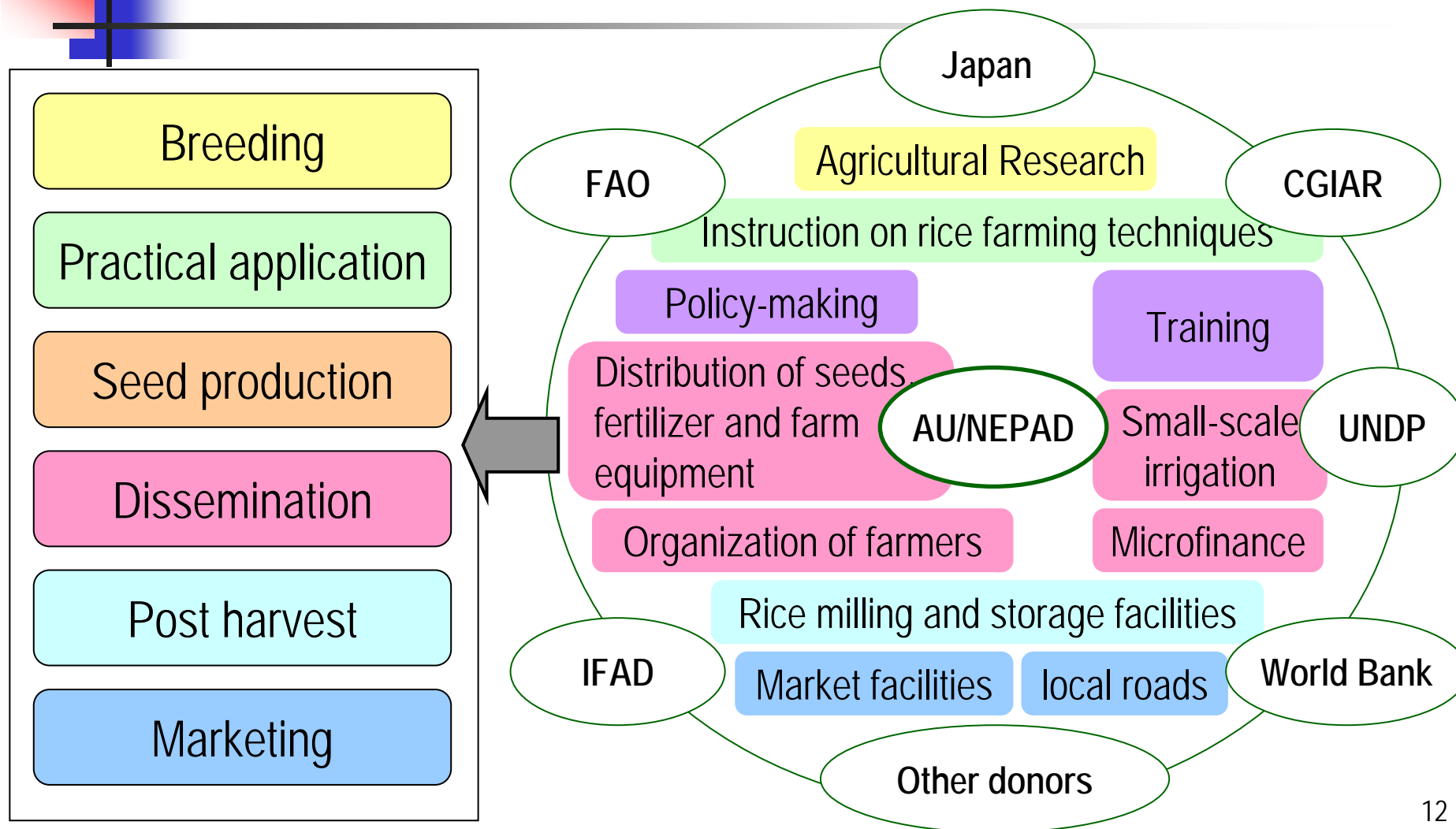
(3) Africa-wide actions

- Additional dispatch of JICA experts to Sub-Saharan Africa countries (TBD)
- The east and southern Africa NERICA seminar
- The acceptance of technical training participants program aiming at fostering technical experts on variety selection of upland rice
- Establishment of a data collection system to accumulate data on the situation of fundamental seed production in ARI pilot countries and other countries (TBD)
- Support to research on NERICA through the contribution to WARDA and JIRCAS-WARDA collaboration

Important factors that contribute to dissemination of NERICA

- Adequate policy and budget allocation for agriculture based on the ownership of African countries
- Development of an appropriate seed production and supply system
- Empowerment and encouragement of farmers
- Comprehensive support from production to the market according to comparative advantage of related organizations and NGOs

Collaboration among development partners based on the AU/NEPAD Initiative



A photograph of a rice field. The foreground and middle ground are filled with rice plants that have green stalks and golden-brown panicles. In the background, there is a dense line of taller, green vegetation, possibly corn. The text "Thank you for your attention." is overlaid in the center of the image in a white, sans-serif font.

Thank you for your attention.