



**Africa Task Force Meeting, Initiative for Policy Dialogue,
Pretoria, South Africa, 2009**

**Initiative of
the Coalition for African Rice Development
(CARD)**

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Justification for promotion of
rice production in Africa

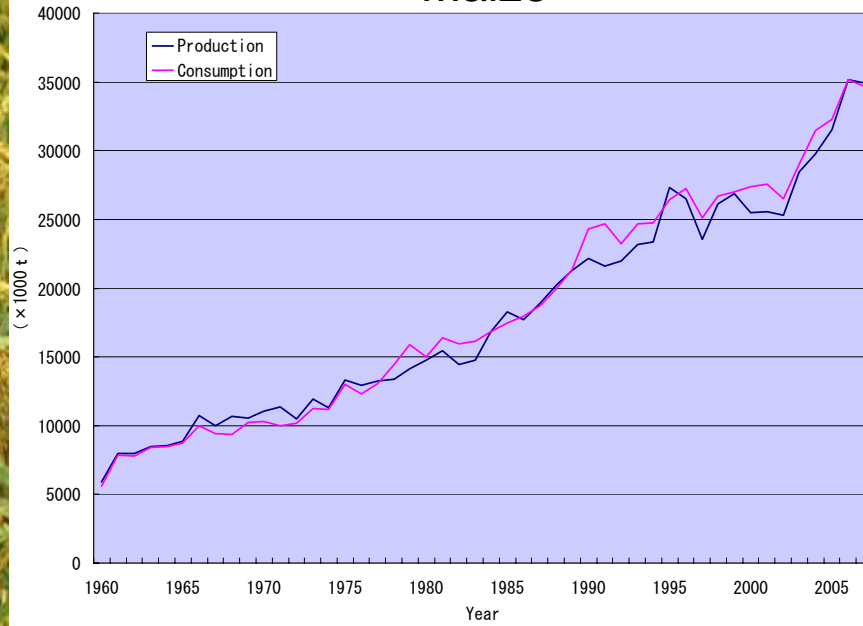
- Outline of CARD

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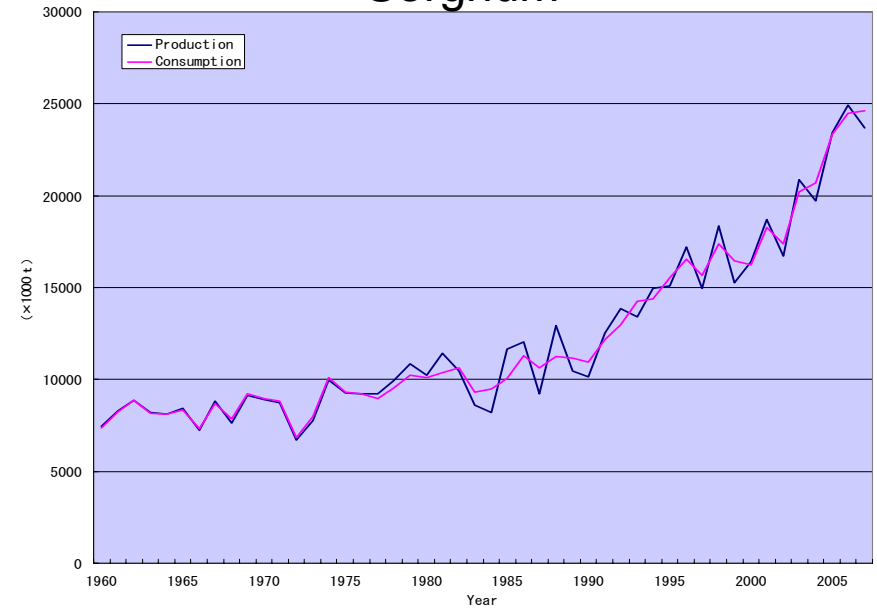
1 Why rice?



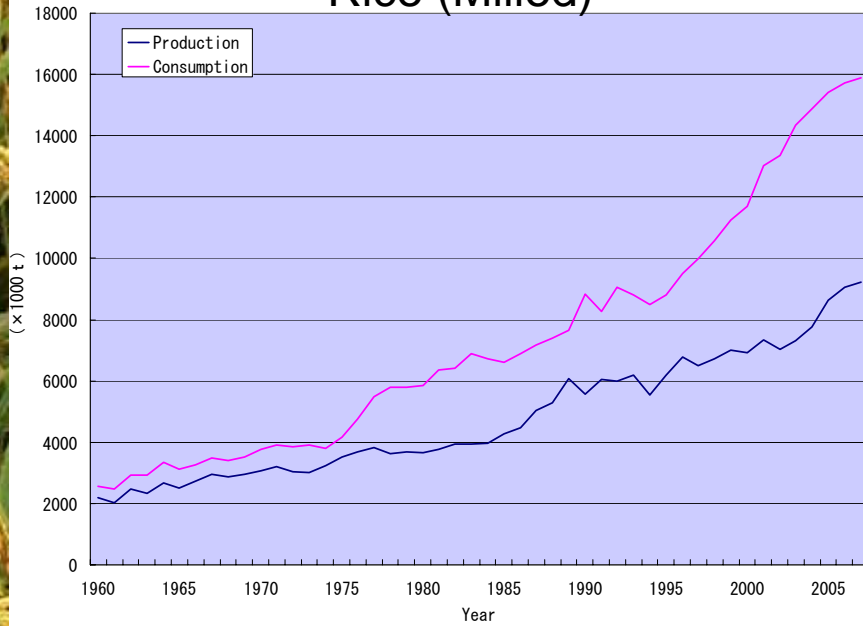
Maize



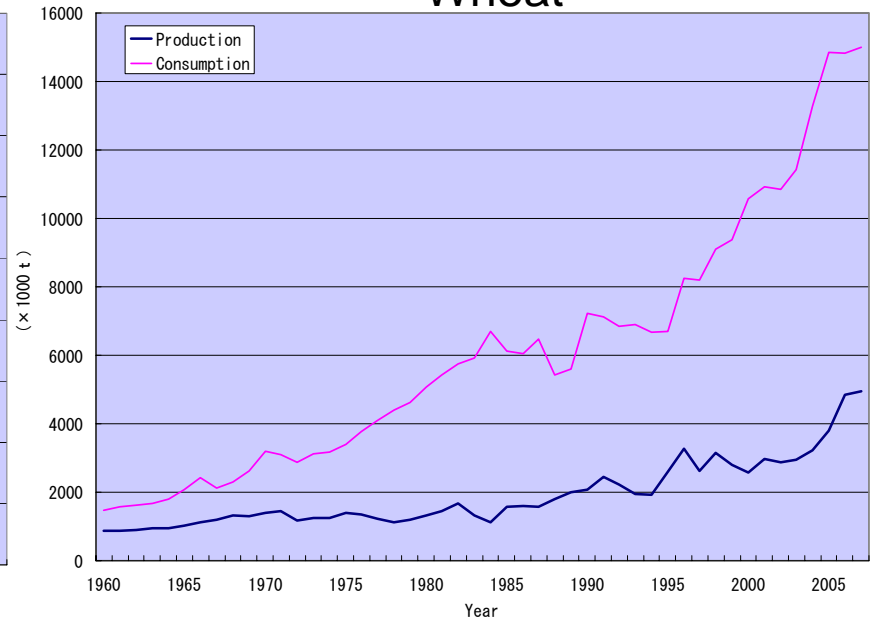
Sorghum



Rice (Milled)

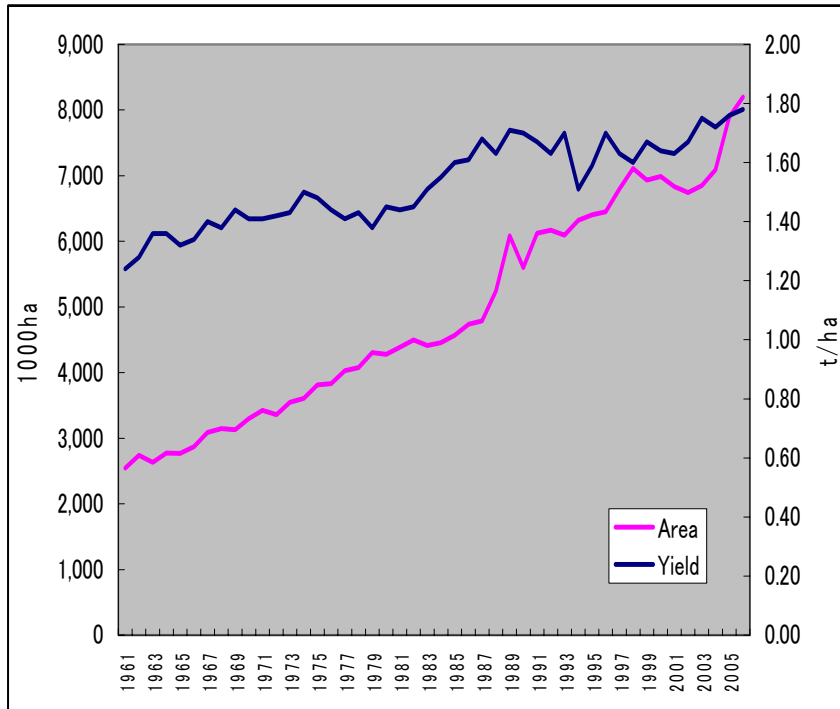


Wheat

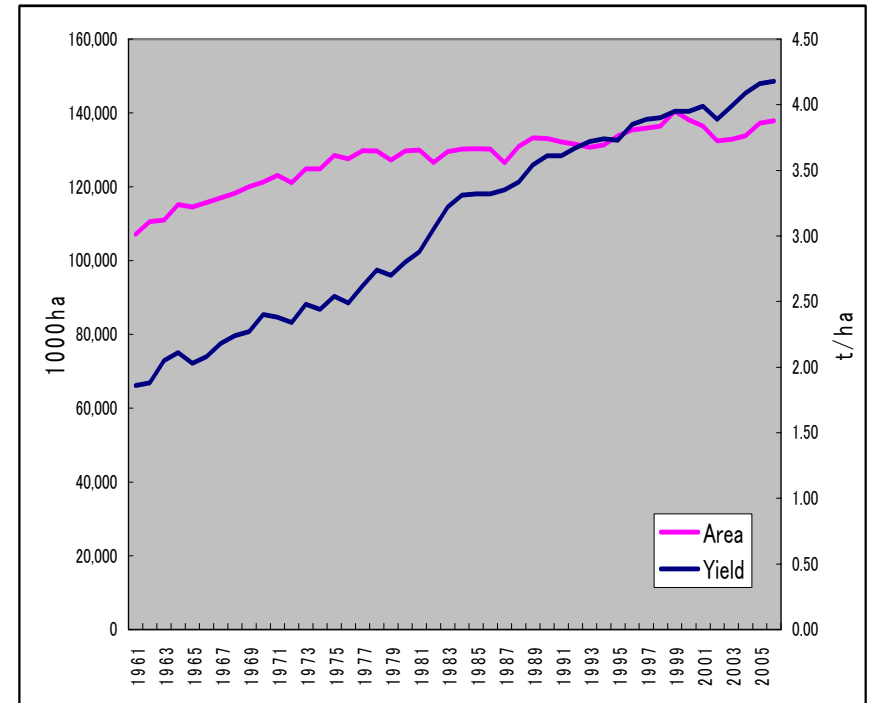


Potential for increased rice production

Area and yield per unit area of rice in Africa



Area and yield per unit area of rice in Asia



3.14 mil. t → 14.60 mil. t (+370%)
 2.5 mil. ha → 8.2 mil. ha (+230%)
 1.24 t/ha → 1.78 t/ha (+ 40%)

200 mil. t → 570 mil. t (+190%)
 107 mil. ha → 137 mil. ha (+ 30%)
 1.86 t/ha → 4.16 t/ha (+120%)

Production increase scenario by agro-ecological zones

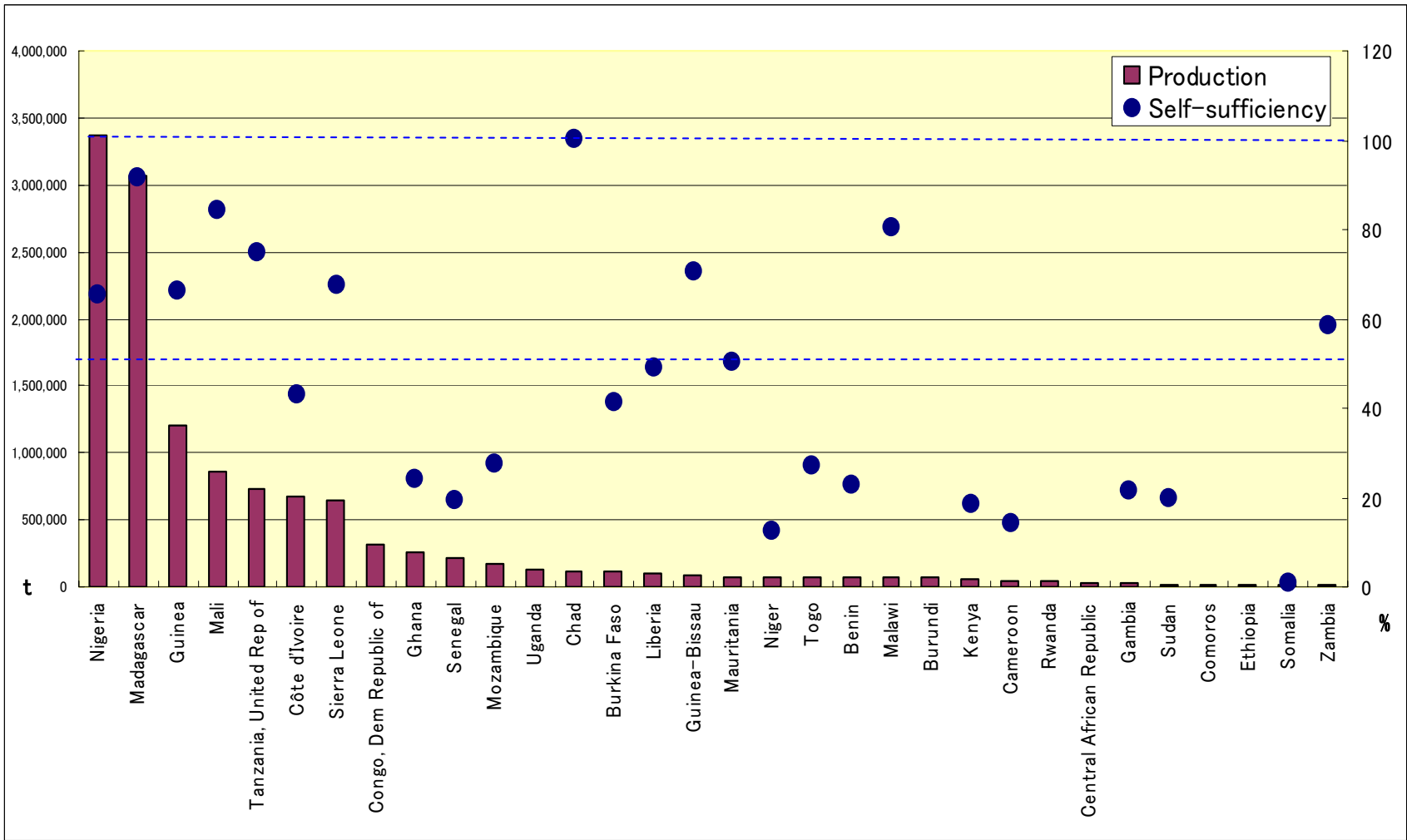
	Agro-ecology								
	Irrigated field			Rain-fed lowland			Rain-fed upland		
Year	1 Cultivated land area (ha)	2 Yield per unit area (t)	3 Production (1x2) (t)	4 Cultivated land area (ha)	5 Yield per unit area (t/ha)	6 Production (3x4) (t)	7 Cultivated land area (ha)	8 Yield per unit area (t/ha)	9 Production (7x8) (t)
2002/06 (average)	1,460,000	3.40	4,964,000	3,120,000	1.94	6,052,800	2,760,000	1.17	3,229,200
2017	1,730,000	5.00	8,650,000	5,000,000	2.90	14,500,000	3,000,000	1.80	5,400,000
Increase	x 1.17	x 1.47	x 1.74	x 1.60	x 1.50	x 2.40	x 1.09	x 1.54	x 1.67

Grand total			
Year	10. Cultivated land area (1+4+7) (ha)	11 Yield per unit area (12/10) (t/ha)	12. Production (3+6+9) (t)
2002/06 (average)	7,340,000	1.94	14,246,000
2017	9,730,000	2.93	28,550,000
Increase	x 1.33	x 1.51	x 2.00





Production and Self-sufficiency Rate of Rice in Africa



2 Outline of the Coalition for African Rice Development (CARD)

Goal of the Initiative

Double rice harvest within 10 years from the present production of 14 million tons to 28 million tons

Approaches classified by agro-ecology

Irrigated Field

Rehabilitation of Existing Irrigation Facilities, Strengthening of Water User's Association

Rainfed Lowland

Establishment of Rice Development Model

Rainfed Upland

Expanding of NERICA
Dissemination

Cameroon, Ghana, Guinea, Kenya, Madagascar, Mali, Mozambique, Nigeria, Senegal, Sierra Leone, Tanzania, Uganda

1st Group of countries for intervention

Implementation Framework

AfDB, AGRA, FAO, FARA, IFAD, IRRI, JICA, JIRCAS, NEPAD, WARDA, WB

Steering Committee

IWMI, UNDP, USAID, WFP, etc

Supporting Partners



Approaches of CARD

» Approach by Agro-Ecology

CARD will promote rice farming according to three agro-ecological zones; irrigated field”, “rain-fed lowland” and “rain-fed upland”

» Value Chain Approach

CARD will promote the development of a rice value-chain, including post-harvest processing, marketing and trading

» Capacity Development Approach

CARD will promote and support training for researchers, extension officers and key farmers engaged in rice cultivation

» South-South Cooperation Approach

CARD will seek to utilize the know-how of Asian and other rice producing countries



Countries of CARD activities

1st Group

Cameroon, Ghana, Guinea, Kenya,
Madagascar, Mali, Mozambique, Nigeria, Senegal,
Sierra Leone, Tanzania and Uganda

2nd Group

Benin, Burkina Faso, CAR, Côte d' Ivoire,
DR Congo, Liberia, Rwanda, The Gambia and Togo



Features of CARD

A CONSULTATIVE GROUP

of bilateral and multilateral donors and African and international institutions

Aims at DOUBLING RICE PRODUCTION in Sub-Sahara Africa by 2017

Fully respects AFRICAN OWNERSHIP AND LEADERSHIP (i.e. CAADP)

COORDINATES AND HARMONIZES

donor interventions for efficient and effective investment

Facilitates NEEDS RESOURCE MATICHNG of African rice-producing countries

NOT A FUNDING MECHANISM



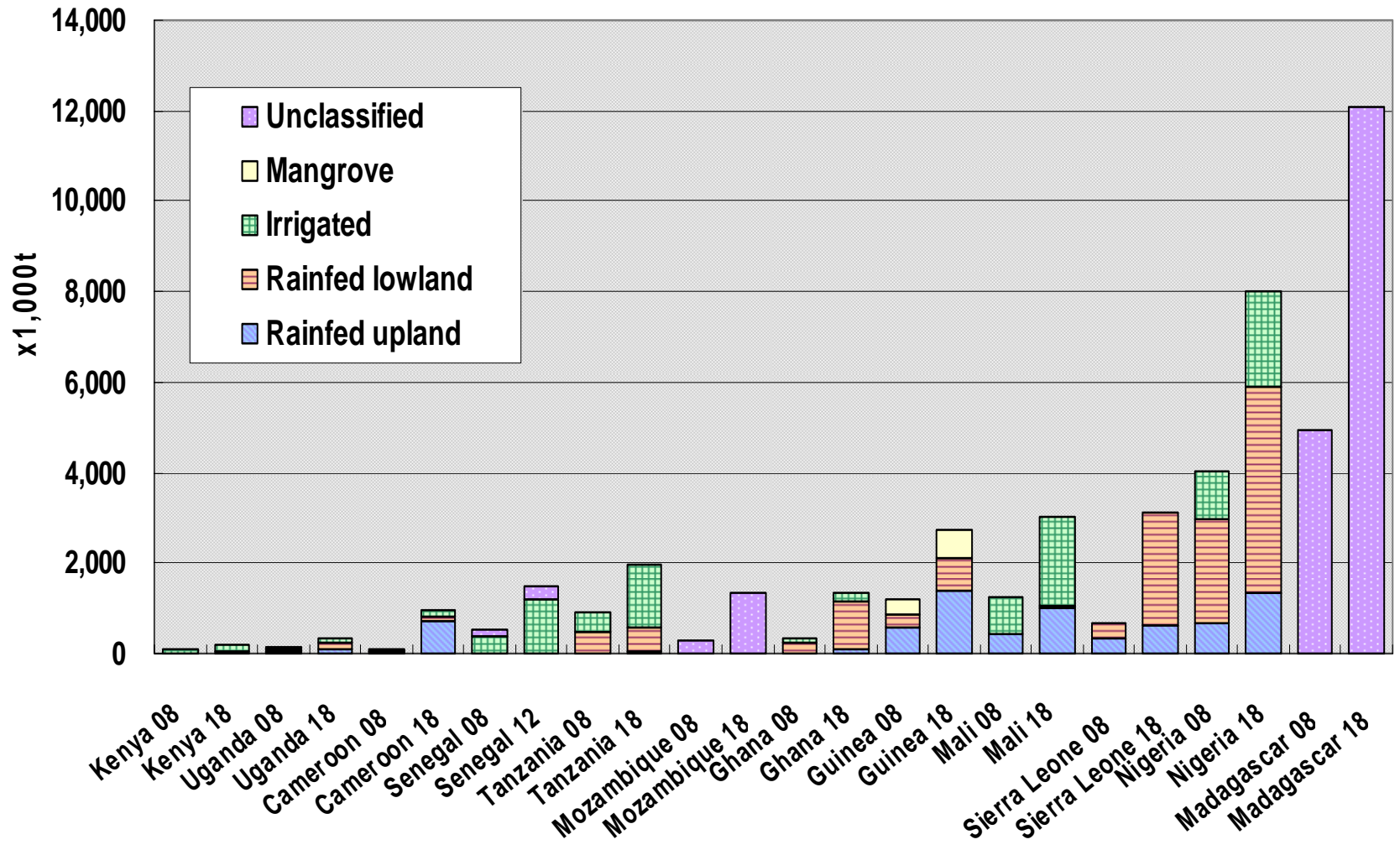
3 Achievements and the way forward

Preparation of National Rice Development Strategies (NRDS)

- Review of the national rice sector
- Challenges and opportunities
- Priority areas and approaches
- Vision and scope of NRDS
- Strategies for rice sub-sector

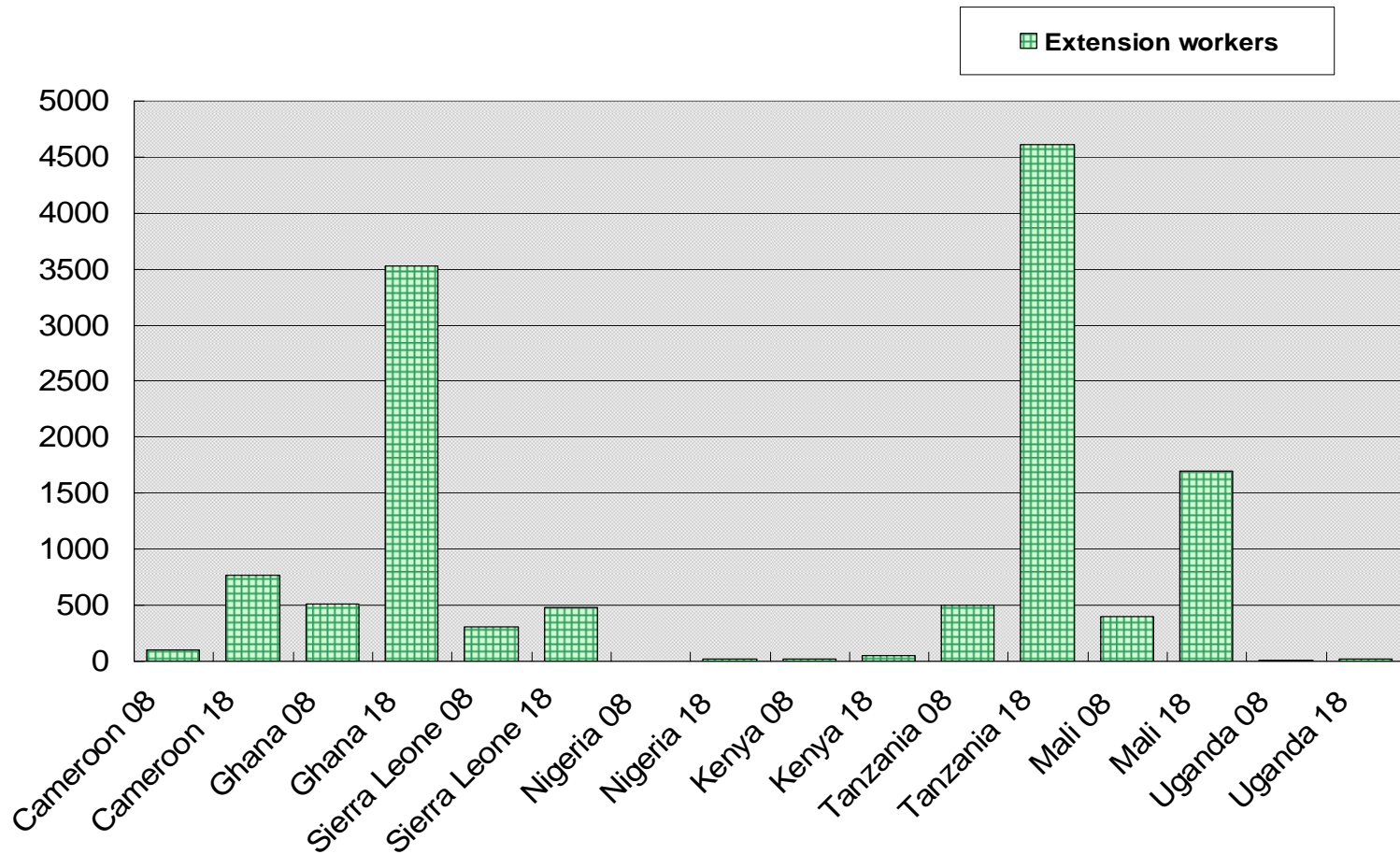


Production target as expressed in NRDS



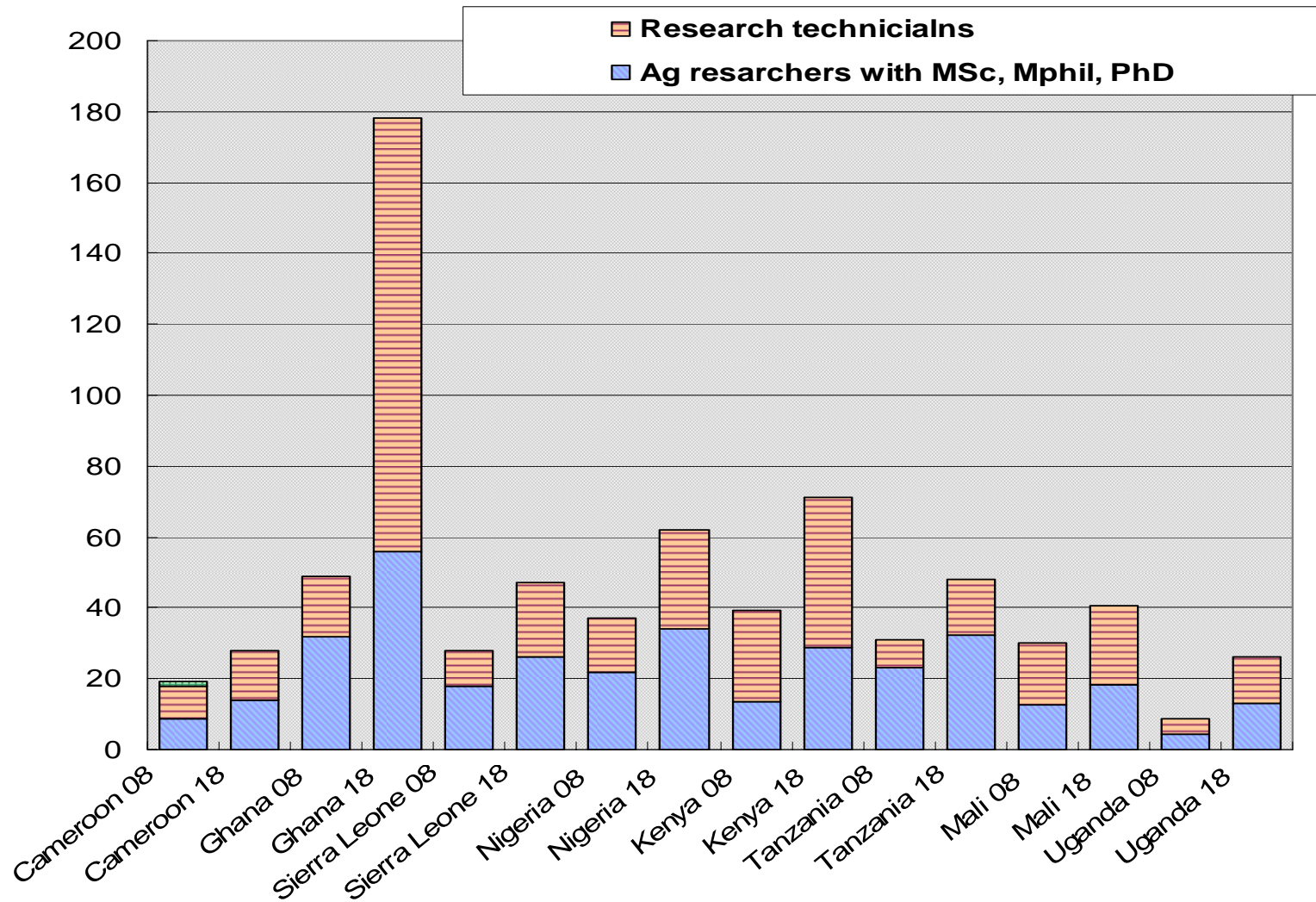


Target number of extension workers as expressed in NRDS





Target number of researchers and research technicians as expressed in NRDS



Rice Related and Rice Centered Projects

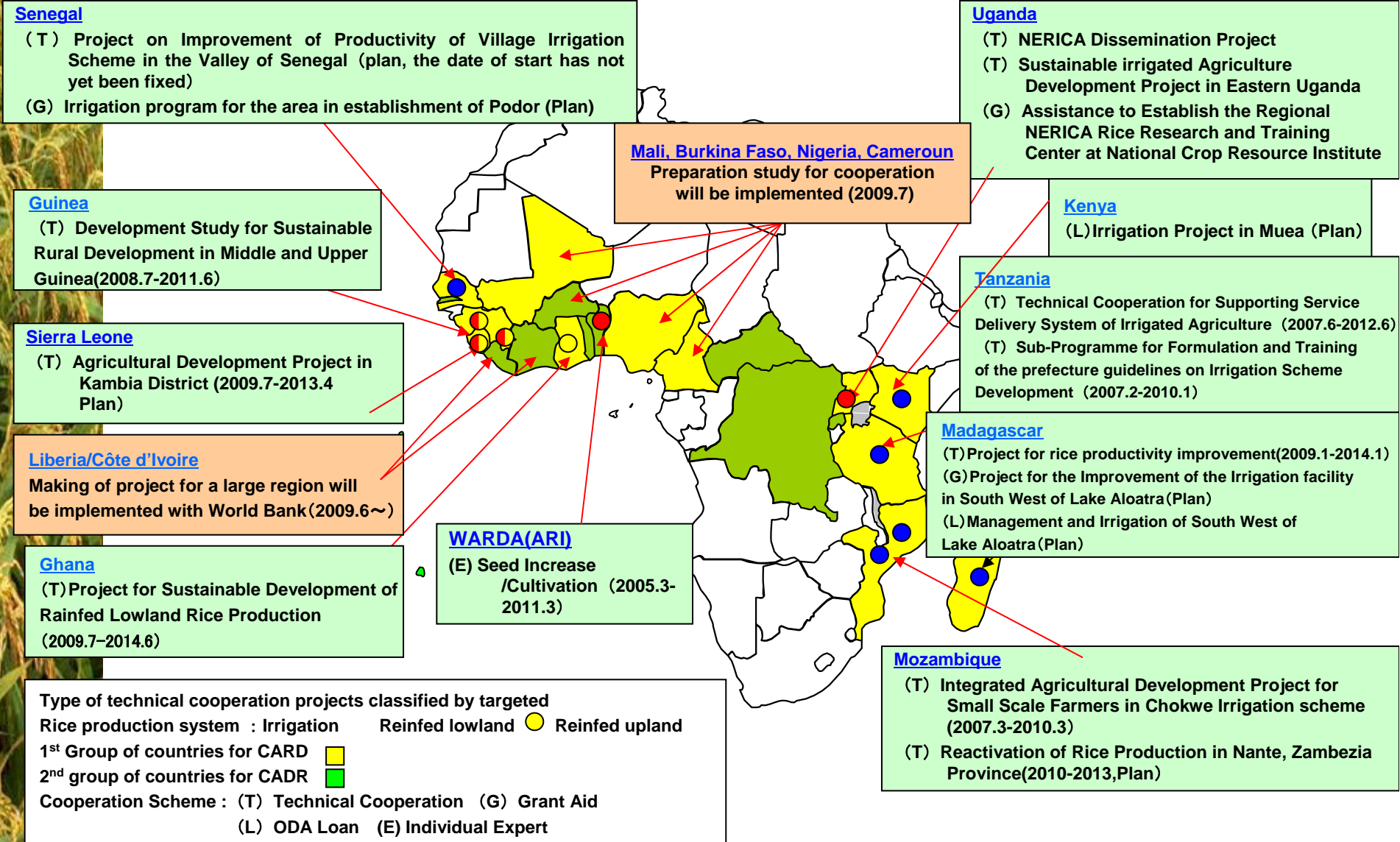
Country Name	Total number of rice related project (A)	Number of rice centered project (B)	Ratio of rice centered project (B)/(A)
Cameroon	11	5	45 %
Ghana	14	11	79 %
Guinea	23	15	65 %
Kenya	16	10	63 %
Madagascar	37	20	54 %
Mali	44	23	52 %
Mozambique	17	7	41 %
Nigeria	19	11	58 %
Senegal	29	19	66 %
Sierra Leone	14	7	50 %
Tanzania	9	7	78 %
Uganda	17	7	41 %
Regional	18	10	56 %
Total	268	152	57 %



An Example of Working Paper Format: Matching between Strategic Needs in NRDS and On-going Aid programmes

		Policy/Institutions	Infrastructure	Agricultural inputs	Capacity development	Rice Research
General		<p>PR4-1&2. conduct baseline survey & develop M/P & A/P</p> <p>PR10-4. facilitate access of credit for all activities</p>		<p>- Repackaging of fertilizer into appropriate smaller packages to ensure easy access</p> <p>- facilitate the supply and maintenance of equipments through PPP</p>	<p>PR1-1. CD of farmers through formulation of FBOs for advocacy to the designing of a food security</p> <p>PR1-2. CD of MoFA executives in policy making</p>	<p>PR7-4. Adaptive research & surveys</p> <p>PR14-1. rice seed production</p>
	Seed production & dissemination	<p>- amendment of the national seed law</p> <p>- overseeing the production of certified seed by the private sector & farmer seed growers</p>	<p>- Rehabilitation of existing & provision of new infrastructure such as cold storage, warehouses, haulgare</p>	<p>- Establish quality control & testing facilities for quality assurance.</p> <p>PR6-1. NERICA dissemination</p>	<p>- development of human capacity for breeding & seed certification</p> <p>PR13-2. select suitable varieties & improve cultivation techniques</p>	<p>- for public institutions to provide varietal release, quality control & certification mechanism</p> <p>PR5-1. improve drought tolerance of rice</p> <p>PR7-2. Credit for crop development</p>
	Rice growing	Irrigated	<p>- Water measuring devices for improved usage</p> <p>PR3-1 & 2. Establish legal system for farmer participation in irrigation system management</p> <p>PR8-1. improve GIDA's efficiency &</p>	<p>- Irrigation & water control investment</p> <p>PR8-3. develop Small-scale irrigation & water conservation schemes</p> <p>PR9-3. develop Small-scale irrigation</p>	<p>PR13-1. establish the construction method of farmland & simple irrigation facilities</p>	<p>- develop skills of technicians to mobilize farmers to participate in the development & maintenance of water control structure</p> <p>PR8-2. Training: farmers, extension agents</p>

JICA's Rice-related Technical Cooperation Projects and the 1st group of countries for CARD





Thank you for listening

08/09/2005

