

**Introduction
for
the JICA training program on
“Promotion of African Rice Development in SSA -
Policies to promote Agri. Mechanization”**

September 4th, 2017 at JICA Tsukuba Center

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Outline

- 1. What's in Tsukuba training program on CARD?
– Background**
- 2. What we will do in the 2017 program**



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1. WHAT'S IN TSUKUBA TRAINING PROGRAM ON CARD? – BACKGROUND



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1. What's in Tsukuba Training Program on CARD?

- Background -

- CARD is a multi-stakeholder initiative and CARD Steering Committee (SC) member organizations support various CARD activities:
- JICA, as one of the CARD SC member organization, offered to the CARD Secretariat “a slot” in its training program for CARD to utilize to promote CARD- and rice-related activities in CARD countries.



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1. What's in Tsukuba Training Program on CARD? - Background -

<2011, 2012>

NRDS Implementation and Monitoring

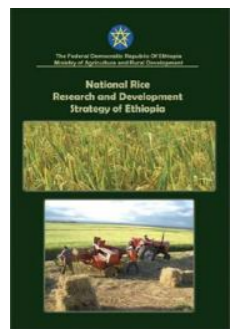
(Gap analysis and Prioritization procedures, using SIEM – Sub-sector Intervention Element Matrices that is the analytical tool CARD secretariat provided to CARD countries)



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1. What's in Tsukuba Training Program on CARD? - Background -



NRDS Formulation & Launching

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	Unallocated
Seed						
Fertilizer						
Irrigation / water management						
Order in technology dissemination (R&D)						
Information						
Quality						
Access to credit						
Access to market						
Over all policy level						
Unallocated						

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	Unallocated
Seed						
Fertilizer						
Irrigation / water management						
Order in technology dissemination (R&D)						
Information						
Quality						
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Over all policy level						
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Seed						
Fertilizer						
Irrigation / water management						
Order in technology dissemination (R&D)						
Information						
Quality						
Access to credit						
Access to market						
Over all policy level						
Unallocated						

Country	Priority	Project Location	Type of project	Field of support	Fund source (Priority sector)	Budget	Project duration (Start/End)	Goal and objectives	Target beneficiaries
1. Country									
2. Title (Full name)									
3. Country									
4. Type of project									
5. Field of support									
6. Fund source (Priority sector)									
7. Budget									
8. Project duration (Start/End)									
9. Goal and objectives									
10. Target beneficiaries									

Gap Analysis & Prioritization

Concept Notes

NRDS Process

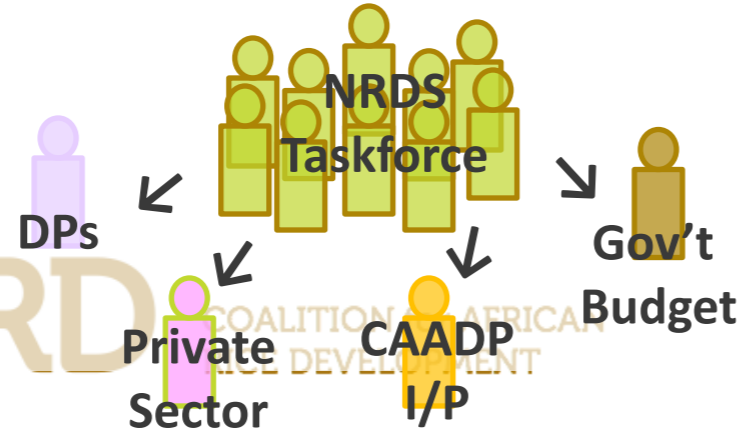
Project Cycle Management

Lobbying for Funding

Alignment to CAADP

Mechanization Promotion

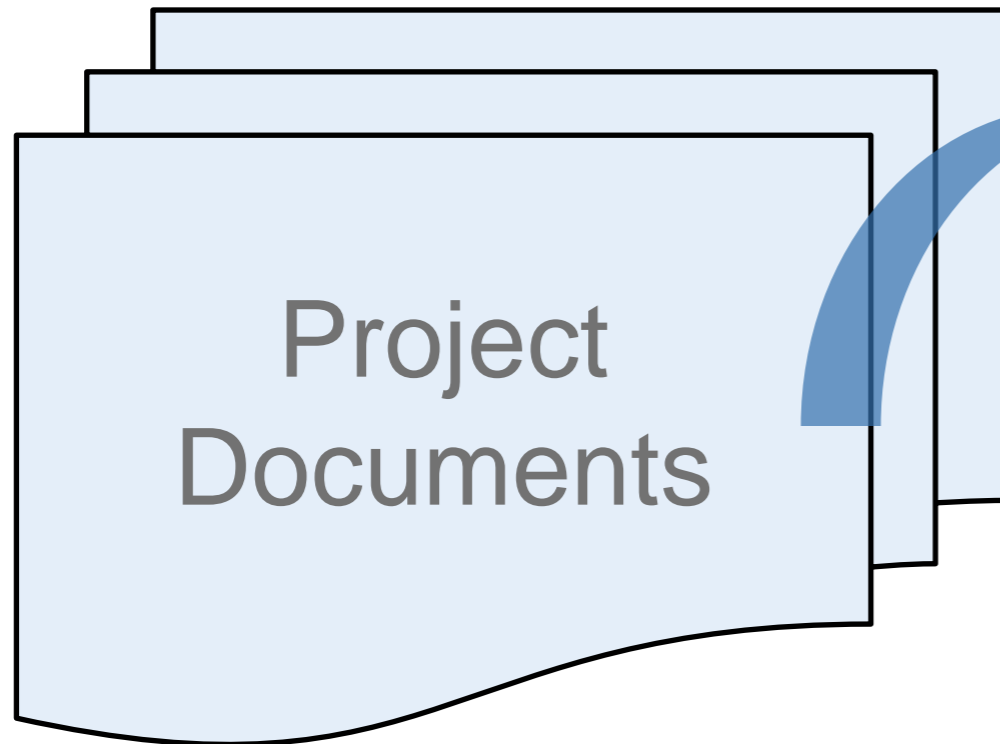
Thematic issues e.g. Market Access



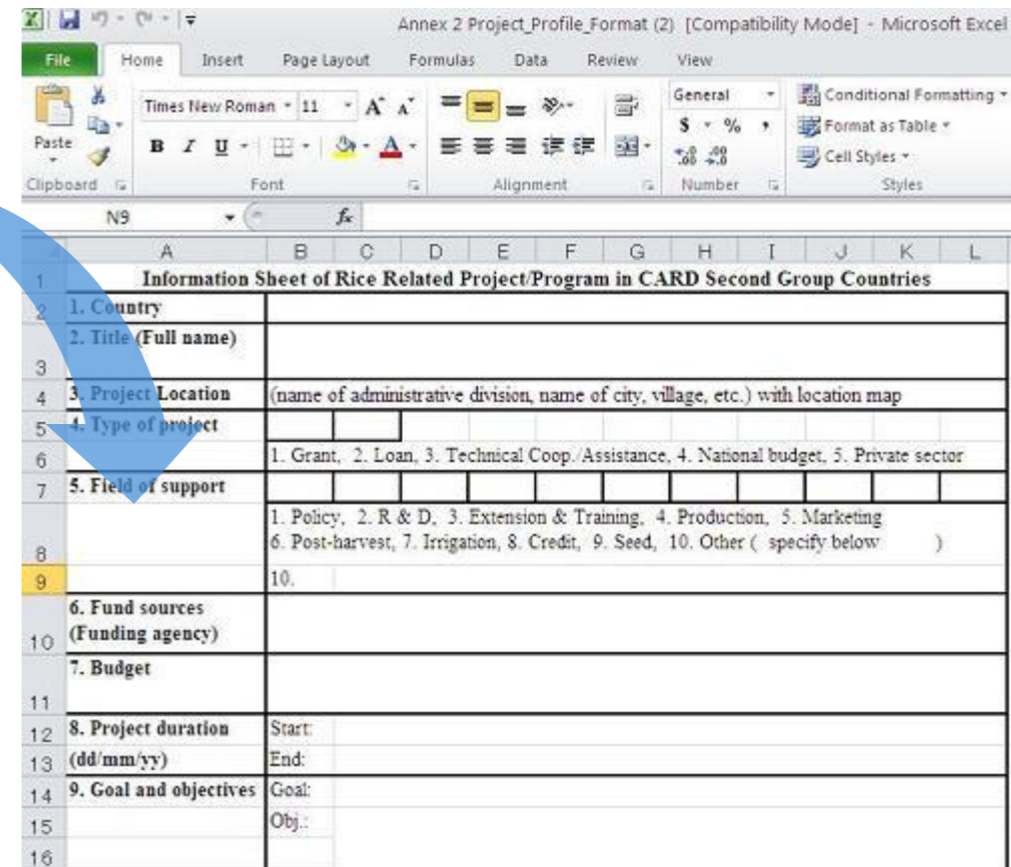
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1. What's in Tsukuba Training Program on CARD? - Background -

Step 1: Capturing on-going/ envisaged interventions



Collected Project Documents



Annex 2 Project_Profile_Format (2) [Compatibility Mode] - Microsoft Excel

	A	B	C	D	E	F	G	H	I	J	K	L
1	Information Sheet of Rice Related Project/Program in CARD Second Group Countries											
2	1. Country											
3	2. Title (Full name)											
4	3. Project Location	(name of administrative division, name of city, village, etc.) with location map										
5	4. Type of project											
6	5. Field of support	1. Grant, 2. Loan, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector										
7												
8		1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Irrigation, 8. Credit, 9. Seed, 10. Other (specify below)										
9		10.										
10	6. Fund sources (Funding agency)											
11	7. Budget											
12	8. Project duration (dd/mm/yy)	Start:										
13		End:										
14	9. Goal and objectives	Goal:										
15		Obj.:										
16												

MS Excel File:
Annex 2 Project_Profile_Format.xls

e.g. profiles of projects in Cameroon:

<http://www.riceforafrica.net/card-countries/g1/cameroon/68-cm-1>



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1. What's in Tsukuba Training Program on CARD?

- Background -

Step 2: SIEM (Sub-sector Intervention Element Matrices)
 - filled with info. of on-going/ envisaged interventions

Overall analysis of rice projects in Cameroon (Sub-sector Intervention Element Matrix: SIEM)

CAMEROUN	Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	Unclassified
Seed	CM-12 (5)	CM-14 (1.a)	CM-2 (2,4)	CM-1 (1)	CM-1 (1)	
	CM-14 (1b,c)		CM-12 (5)	CM-2 (1)	CM-2 (1)	
			CM-14 (1,d)	CM-3 (3,4)	CM-7 (1)	
			CM-19 (1)	CM-4 (2)	CM-14 (1b,c)	
			CM-20 (1)			
			CM-21 (1)			
			CM-22 (1)			
			CM-23 (1)			
Fertilizer				CM-3 (4)		
				CM-4 (2)		
Irrigation / water management	CM-11 (4)	CM-3 (1)	CM-11 (2)	CM-12 (1)	CM-11 (3)	CM-10
		CM-5 (1)		CM-13 (1)	CM-7 (1)	
		CM-6 (1,2)				
		CM-11 (1)				
		CM-7 (1)				
		CM-12 (1,2)				

XX-## (#): Country Project Code & (No. of Components)

MS Excel File: Annex 3 SIEM Output List 100430.xls

e.g. SIEM in Cameroon:



<http://www.riceforafrica.net/card-countries/statistics/overall-analysis-of-rice-projects-in-cameroon>

1. What's in Tsukuba Training Program on CARD?

- Background -

Step 3: SIEM willed with info of needs identified in NRDS

	Policy / institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	Unclassified
Seed				X		
Fertilizer		X		X		
Irrigation / water management	X	X	X		X	
On-farm technology dissemination			X		X	
Mechanization	X		X	X	X	
Quality improvement	X		X	X	X	
Access to market			X	X	X	
Access to credit						
Overall policy tools	X					
Unclassified						

NRDS

6. Strategies for sub-sectors

NRDS: <http://www.riceforafrica.net/nrds>

1. What's in Tsukuba Training Program on CARD?

- Background -

Step 4: GAP Identification

Table 1.

Current near future interventions [Supply side]

Table 2.

Needs extracted from NRDS [Demand side]

Table 3.

GAP identification [Gap & Priorities]
Table 3. The priority interventions areas for FY 2011/12

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / Support	Information / Knowledge	Overall
Seed						
Fertilizer						
Irrigation / water management						
Crytaria technology dissemination						
Quality improvement						
Access to market						
Access to credit						
Overall policy tools						

Revised Needs SIEM (agreed among technical members during the workshop)

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / Support	Information / Knowledge
Seed					
Fertilizer					
Irrigation / water management					
Crytaria technology dissemination (Training/Capacity Dev.)					
Mechanization					
Quality improvement					
Access to market					
Access to credit					
Overall policy tools					

Identified priority areas of intervention on Needs SIEM (agreed among technical members)

	Policy / Institutional	Infrastructure	Human resource capacity	Provision / Support	Information / Knowledge
Seed				(i)	
Fertilizer				(ii)	
Irrigation / water management	(iii)	(iv)			
Crytaria technology dissemination (Training/Capacity Dev.)			(v)		
Mechanization	(vi)				(vii)
Quality improvement					(viii)
Access to market					
Access to credit					(ix)
Overall policy tools	(x)				

Source: Rice Steering Committee, NaCCRI, on 30th November 2010, by Rice Industry Secretariat



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- e.g. Uganda

1. What's in Tsukuba Training Program on CARD?

- Background -

Step 5: Prioritization through scoring

	Policy / institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	Unclassified
Seed	X - 15			GAP		
Fertilizer		GAP		GAP		
Irrigation / water management	GAP	GAP	X - 3 X - 14		X - 11	
On-farm technology dissemination			GAP	X - 17	X - 5	
Mechanization	X - 1		X - 7	X - 2	X - 9	
Quality improvement	X - 4	X - 16	X - 13	GAP	X - 12	
Access to market			X - 10	GAP	X - 8	
Access to credit				GAP	X - 6	
Overall policy tools	GAP					
Unclassified						

1. What's in Tsukuba Training Program on CARD?

- Background -

<2013, 2014, 2015>

CARD-CAADP alignment

<CARD>

- Commodity based initiative on rice by 11 International Organizations
- Targeting doubling rice production in SSA 2008-18
- Operating in 23 SSA countries
- NRDS (National Rice Development Strategy) Formulation and implementation

<CAADP>

Policy & Institutional framework (e.g. 6% productivity growth, 10 % budget allocation: See the Presentation by NEPAD at CARD HP for details)

<http://www.riceforafrica.org> → Meetings → Trainings → JICA TSUKUBA 2013-15



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1. What's in Tsukuba Training Program on CARD?

- Background -

<2013, 2014, 2015>

CARD-CAADP alignment

Two separate initiatives, and not much interface.....

Meanwhile, Successful experiences are observed in the implementation of both NRDS and CAADP investment plan in countries where CARD is well integrated in the country's CAADP Investment Plan

In order to accelerate NRDS implementation, NEPAD and CARD try to promote CARD-CAADP alignment through TSUKUBA training.



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1. What's in Tsukuba Training Program on CARD?

- Background -

<2013, 2014, 2015>

CARD-CAADP alignment

- The training was rather policy workshop than training
- Both CAADP focal points and NRDS focal points were invited.
- Participants included a few high rank officials involved in decision making such as Permanent Secretaries, DG and Director for Planning (e.g. Burkina Faso, Cameroun, DRC, Guinea, Madagascar, Sierra Leone, Senegal)
- Good practices were shared, and roadmap and action plan was designed and updated every year by participants.



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1. What's in Tsukuba Training Program on CARD? - Background -

<2016-2018>

Training will be on NRDS & one technical area in rice sector, because;

- NRDS formulation was already done
- CARD-CAADP integration is policy and political matter that we cannot control the progress

In 2016, we picked Policy Planning, Implementation, Management and Operation of **Rice Processing and Marketing Infrastructure**



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2. WHAT WE WILL DO IN THE 2017 PROGRAM ?



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2. What we will do in the 2017 program ?

< Topic >

1. NRDS implementation
2. Policies to promote Agricultural Mechanization

< Participants >

NRDS Focal points/ their representatives &
Officers in charge of Agriculture Mechanization
policy and planning



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2. What we will do in the 2017 program ?

< Objectives >

To improve Technical Capacity of the participants in;

- 1. Implementation of the National Rice Development Strategy (NRDS), and**
- 2. Policy Planning for promotion of Agriculture Mechanization**



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2. What we will do in the 2017 program ?

You will learn from other African countries and Japanese system and experiences about;

- What policies are necessary?
- What are government roles?
- What are roles to be played by beneficiary farmers, private sector, and other relevant players ?
- How these stakeholders can work well with others?
- How government can support linking stakeholders in mechanization chain?, etc



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2. What we will do in the 2017 program ?

<Activities>

1. NRDS implementation

- Sharing the NRDS Implementation status

2. Learning about Mechanization Policies

- Learning Japanese (and Asian) system and experiences through lectures and field visits (e.g. policy and roles of government, history of mechanization, vision and operation of machinery manufacturers, role of cooperatives)
- Learning Good Practices from other African countries (presentation by Cote d'Ivoire, Ghana, Madagascar, others)
- Discussion on critical challenges and bottlenecks in Africa and on the best way forward for participants' country
- Preparation for action plan (the list of activities that can help improve situation in your country)

2. What we will do in the 2017 program ?

<Schedule for the 1st week>

Date		AM/PM	Activities	
04-Sep	Mon	AM		09:45-11:00 Briefing session
			Lecture	11:00-12:00 CARD and NRDS in General
		PM	Lecture	13:30-14:15 Introduction of the Training Program
			Discussion	14:15-15:45 Identification of critical issues/bottlenecks in Agriculture Mechanization
			15:45-16:15 Instruction on preparation for country Action Plan	
05-Sep	Tue	AM	Presentation	09:45-12:15 Inception Report Presentation
		PM	Presentation Workshop	13:30-14:30 Inception Report Presentation 14:30-16:30 Analysis on Mechanization Business Modal
06-Sep	Wed	AM	Presentation	09:45-12:15 Good Practices (Ghana, Madagascar, Other countries)
		PM	Lecture	13:30-16:00 Factors & Conditions to promote Mechanization
07-Sep	Thu	AM	Lecture	09:45-12:15 History of Mechanization in Japan and Asia
		PM	Lecture	13:30-16:00 Policy and Legislation for promoting Mechanization in Japan and Asian countries
08-Sep	Fri	AM	Discussion Lecture	10:30-12:00 Participate in Discussion on “Farm mechanization in developing countries” at conference on agriculture and food engineering
		PM	Site visit	Bus Tour in Tokyo
09-Sep	Sat			Preparation of action plan
10-Sep	Sun			Preparation of action plan

2. What we will do in the 2017 program ?

<Schedule for the 2nd week>

Date		AM/PM	Activities	
11-Sep	Mon	AM	Lecture Site Visit	09:00-12:00 Mechanization technology R&D and Mechanization Testing, Machinery Show Room Tour, among others
		PM	Lecture	15:00-17:00 Mechanization policy of Pref. Gov't and partnership with central Gov't
12-Sep	Tue	AM	Site Visit	09:00-10:30 Visit to KYOWA Country Elevator Storage
		PM	Lecture	14:30-17:00 JA's roles and Promotion of Farm Mechanization
13-Sep	Wed	AM	Lecture Site Visit	09:30-10:30 ISEKI Agriculture Research Centre (Mechanization Research through partnership among Gov't, Research Institutions, and JA)
		PM	Lecture Site Visit	13:30-16:00 KUBOTA factory (Expansion of Mechanization business in Africa, Observation of Machine Assembly)
			Site Visit	17:00-18:00 Visit to Farmers (benefit and risk of mechanization, reality of farm mechanization)
14-Sep	Thu	AM	Site Visit	09:30-11:00 ISEKI Maintenance center (Parts Supply/ After-sale service)
		PM	Site Visit	13:15-17:30 Exchange program with high school students
15-Sep	Fri	AM	Presentation	09:00-15:00 Presentation of Country Action Plan 15:15-15:30 Training Evaluation 15:30- Closing Ceremony and After-Training Party
16-Sep	Sat	am/pm		Return to Home, Sweet Home

Thank you



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