PROMOTION OF AFRICAN RICE DEVELOPMENT THROUGH STRENGTHENING COORDINATION BETWEEN CARD AND CAADP FOR SUB-SAHARA AFRICAN COUNTRIES JULY 27 - AUGUST 2, 2014

SIERRA LEONE REPORT Presented by:

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1. Agriculture Sector Review: April - June2014

- Review of agriculture, forestry and fishery sectors performance 2004 – 2014
- Assess policy and institutional initiatives effectiveness
- Diagnostics: analysis of sectoral constraints and sources of growth
- Provide independent view on future sector policies, scenarios and implementation options – "out of the box", strategic and forward looking...

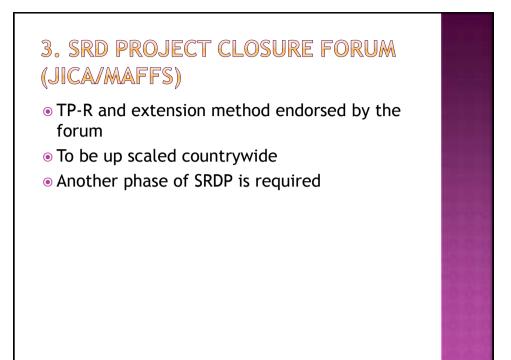
...with the consideration of the lessons learned

Agriculture Public Expenditure Review



2. <u>NRDS/RICE HUBS WORKSHOP-</u> JUNE23-24, 2014

- > Review the progress in the implementation of the NRDS
- Identify mechanisms and procedures for the establishment and operationalisation of the rice hubs
- > Identify the roles and responsibilities of actors involved in out-scaling
- > Identify the needed resources



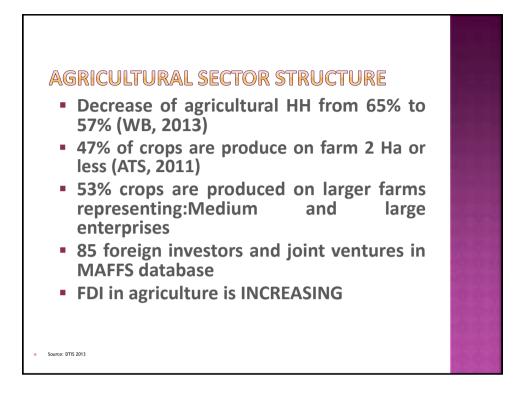


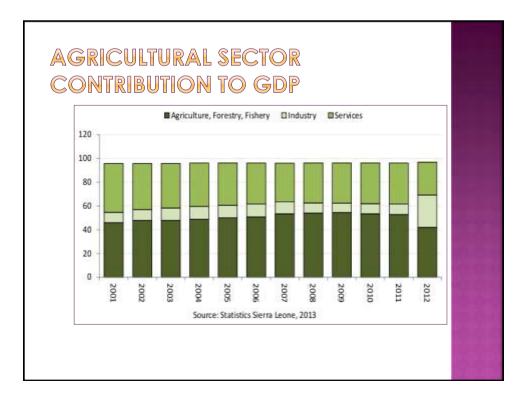


COUNTRY DEVELOPMENT PROGRESS (ASR)

Sierra Leone:

- Moved beyond the WB Fragile and Conflict Affected Country status in 2014
- Ranked #59 most peaceful country of 161 (Global Peace Index, 2013I USA #88, South Africa #127)
- In 2014, GDP has grown from \$1.43 B to \$5.7 B (IMF, 2003-2014)
- GDP per capita grew by from \$288 to \$900 (IMF,2003-2013)
- Public debt to GDP declined from 142% in 2005 to 26% in 2012
- Poverty declined from 79% in 2003 but still high at 52% in 2011

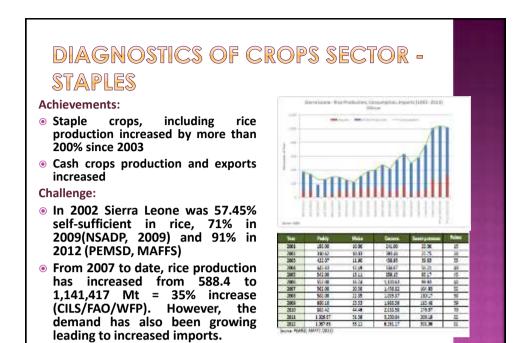


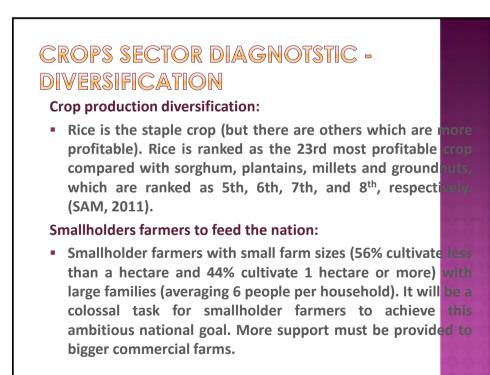


POLICY FRAMEWORK: AGENDA FOR CHANGE-2007-2012

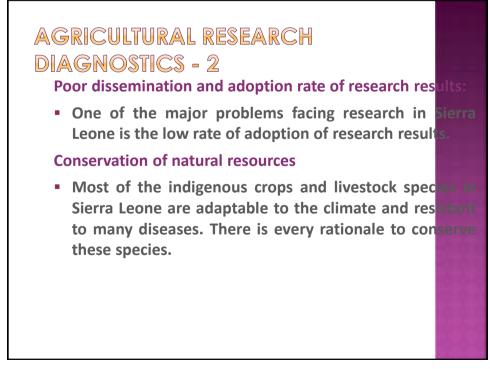
- Set the vision of "making agriculture the engine for socio economic growth of the country through commercialization and private sector development"
- 5 Key Policy Development Objectives (PDOs)
- - Intensification and value addition
- - Extensification through mechanisation
- - Promoting TDDA (R & E)
- Efficient and effective resource management
- Mainstreaming cross-cutting issues(gender/youth, farmer health, climate change, nutrition security, safety nets, reseilience, etc.)











Alignment of NRDS to SCP and CAADP	•

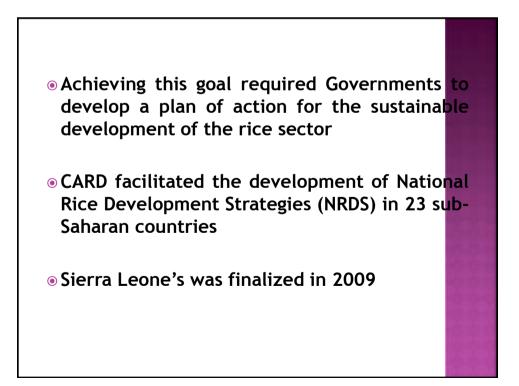
NRDS Components	SCP - Smallholder Commercialization
1. Development of	Component 1: Smallholder
infrastructure for	Commercialization: production
access to market	intensification, diversification, value
	addition and marketing
	Component 3: Market Access Expansion
	through Feeder Road Rehabilitation
2. Development of	
infrastructure for	Component 1: Smallholder
quality improvement	Commercialization: production
	intensification, diversification, value
	addition and marketing
3.Rehabilitation and	Component 2: Small scale irrigation
development of inland	development

4.Support to farmer based	Component 1: Smallholder
organisations in the form of	Commercialization: production
capacity building .	intensification, diversification, value
	addition and marketing
5.Provision of inputs and farm	Component 1: Smallholder
machinery	Commercialization: production
	intensification, diversification, value addition
	and marketing.
6. Production of suitable	Component 1: Smallholder
planting materials	Commercialization: production
	intensification, diversification, value addition
	and marketing
7. Support to rural financial	Component 4: Smallholder Access to Rural
services associations and	Financial Services
community banks	
8. Human resource	Component 6: Coordination, Management,

PROGRESS IN THE IMPLEMENTATION OF THE NRDS

 The Coalition for African Rice Development (CARD) initiative was launched at the Tokyo International Conference on African Development in 2008 and spearheaded by JICA, NEPAD, AGRA

 The goal is to double rice production in Sub-Saharan Africa from 14 to 28 millions tons in 10 years (2008 - 2018)



NRDS GOAL

 To lay out a framework for significant increases in rice production in order to contribute to the improvement of food security and economic development in Sierra Leone

SPECIFIC OBJECTIVES

- Ensure an increase in the sustainable productivity and production of rice in Sierra Leone
- Promote appropriate post harvest handling, processing and marketing of rice
- Develop appropriate infrastructure for rice production and marketing
- Improve the capacity of stakeholders and institutions involved in rice sector

STRATEGY FOR INCREASING RICE PRODUCTION

Two pronged:

 (1) increase in area cultivated, mainly in the lowlands where there is much underutilised capacity and great potential for higher yields

• (2) increases in productivity per unit area in all ecosystems.

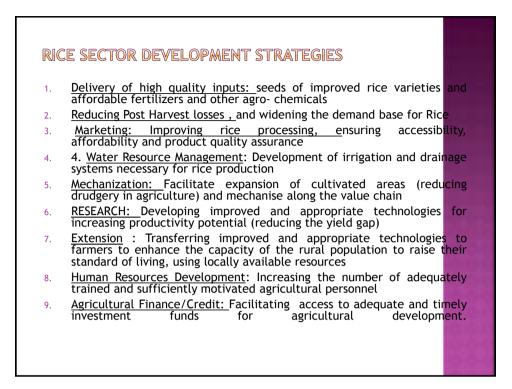
NRDS TARGET

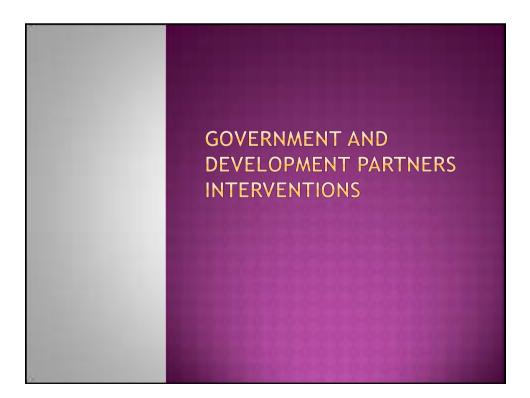
- To achieve rice self sufficiency by 2013. This objective will be met with a total land area under rice extended to 830,000 ha and an increase in the average rice yield/ha from 1 to 2 mt/ha.
- A further extension of the area to 1,100,000 ha over the next five years, and an increase in the average yield of rice to 4 mt/ha will result in the production of over 3 million tons of rice in 2018

SIERRA LE	ONE		
Ecolo	gy Ecosystem	Arable land area (ha)	Percent of arable land
Upland		4,300,000	80
	I.V. Swamp	630,000	12
Lowland	M. Swamp	200,000	04
	Riverain Grassland	110,000	02
	Boliland	120,000	02
	Total	5,360,000	100

NRDS PROJECTED TARGETS FOR 2013 AND 2018

_		2013			2018	
Ecology	Area (Ha)	Yield mt/ha	Prod. (Mt)	Area (Ha)	Yield mt/ha	Prod. (Mt)
Upland	400,000	1.25	500,000	425,000	1.50	637,500
IVS	225,000	2.50	562,500	400,000	4.00	1,600,00 0
Mangrov e	100,000	2.25	250,000	125,000	3.50	437,500
Riverain	25,000	2.50	62,500	50,000	3.50	175,000
Boliland	80,000	1.50	120,000	100,000	2.50	250,000
Total	830,000	2.00	1,495,000	1,100,000	4.00	4,400,000





REVISED LIST OF ONGOING AND PLANNED RICE PROMOTION PROJECTS/PROGRAMMES (2013)

Code	Title	Partners
SL-1	Agricultural Sector Rehabilitation Project (ASREP)	ADB
SL-2	Rehabilitation and community-based poverty reduction project (RCPRP)	IFAD
SL-3	Rural Finance and Community Improvement Programme	IFAD
SL-4	Hybrid Rice Promotion	China
SL-5	Program for the intensification of agricultural production	GoSL
SL- 6	Purchase for Progress (P4P)	WFP
SL- 7	Rural and Private Sector Development Project	WB
SL- 8	Sustainable Rice Development Project	JICA
SI - 0	Conservative Agricultural Development	CARE

Code	Title	Partners
SL-10	Global Agriculture and Food Security Programme Support to SCP, to 2016.	GASFP – Multi- T Fund
SL-11	Mainstreaming the Right to Food and Nutrition into the SCP	FAO/Germany
SL-12	Strategic Planning and Economic Analysis Support to MAFFS and district councils	USAID
SL -13	West Africa Agricultural Productivity Programme (WAAPP – 1C)	WB/Japanese Government
SL-14	Diversified Food Production Project	IDB
SL-15	Phase II – Rural Finance Programme –	IFAD
SL-16	Support to SCP – Linking Smallholder Farmers to Markets	IDB
SL - 17	Integrating Adaptation to Climate Change into Agricultural Production in Sierra Leone (Rehabilitation of 500 ha of IVS)	GEF

Policy /	OR INTE Infrastru cture	RVENTIC Human resource	DNS Provision / support	Information / knowledge
evelopment of seed aw/regulation and olicy document stablishment of the lational Seed Board nd perationalization of he Seed ertification Agency SLeCSA) COWAS egulations on eed, seedlings nd pesticides)	at SLARI and regional cold rooms under	seed producers	to FBOs Lab equipment for	Sensitization on seed law and regulations

Policy / Institutional	Infrastruct ure	Human resource capacity	Provision / support	Information / knowledge	
Quality control Subsidized Pricing	Agriculture Business Centres as conduit	Training agro- dealers	Credit/Gra nts/cost recovery	Fertilizer use	
	conduit				

IRRIGAT	ION/WAT	er mana	GEMENT	
Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge
Policy/ legislation on development and exploitation of water resources IVS policy development	Inland valley swamps/ water control systems development of large scale irrigation schemes (Rolako, Komrabai Mamayla, Rhombe etc)	Youth training as service providers for Water Control Systems	Production package support on cost recovery	Utilization of the developed swamps for two or three cropping season Iron toxicity control

ON FARM TECHN	NOLOGY
DISSEMINATION	(EXTENSION)

Policy / Institutional	Infrastructu re	Human resource capacity	Provision / support	Information / knowledge
Farmer Field and Business Schools Extension approach Research and extension advisory services policy,	Rehabilitati on of Makali and Lamabayam a Training Centres Mobility for field staff	Training farmers, researchers and extension staff Recruitment and training of 375 frontline extension technical staff	Seed, fertilizer, power tillers. Rice planters	Fact sheets, flyers, radio programs, quarterly newsletter – "Inside the Farm", "Farmer Talk", "SCP Hour", "Agri News" Field demonstrations Innovation platforms Farmer performance

MECHANIZATION					
Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge	
Elaboration of policy/regulat ion (testing, after sales service, importation, certification), ways and means of promoting private sector Tractor Hire Purchase Policy	Equipment of existing 13 district workshops (repair and maintenance	Training of Operators Train manpower for 13 existing district workshops Train users and local artisans in operation and basic repair and maintenance	Power tillers, tractors, threshers, Rice mills, graters, Tool kits		

QUALIT	y impro	OVEMEN		
Policy / Institutional	Infrastructu re	Human resource capacity	Provision / support	Information / knowledge
Elaboration of grading system for milled rice Packaging and branding ("Sierra Rice", "Arul Rice",	Agricultural Business Centres (ABCs). Drying floors, Rice storage facilities,	Training of processors	processing equipment (Rice mills, de-stoners, moisture metres, jute bags etc.)	Adverts, exhibitions during trade fairs, etc

ACCESS Policy / nstitutional	D TO MAR Infrastructu re	RKET Human resource capacity	Provision / support	Information / knowledge
Develop a policy for supply of local rice to public institutions (in progress) Establishment of a Strategic Grain Reserve Institutional Feeding	Feeder/Access roads market facilities (stalls, stores and processing facilities)) Construction and equipping of agribusiness centres (rice mills, input- output shop, drying floors, water facilities	Train local road contractors	Road maintenance machinery/ equipment to district councils 10 ton trucks to haul produce to markets Linking farmers to bulk purchase markets such as WFP P4P, Brewery, Bennimix Factory, etc	Market information system

ACCESS	ACCESS TO CREDIT						
Policy / Institutional	Infrastructu re	Human resource capacity	Provision / support				

Institutional	re	resource capacity	support	/ knowledge
Rural finance Policy Establishme nt of Innovation Fund for Agricultural Transformat ion (IFAT)	Construction and equipping of village and community banks Apex banks - to supervise village and community banks)	Training in loan managemen t for beneficiaries	Seasonal loans to farmers	Leaflets, flyers, radio and TV jingles

Information

RESEAR	CH			
Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge
Research along the value chain	Rehabilitation/ Construction of MAFFS and SLARI offices, labs and staff quarters – 5 districts) construction of seed labs, offices and residential quarters and training centres)	Training in strategic planning, economic analysis and development of agricultural development plans at district level Training research scientists and extension staff	Competitive/Non competitive research grants	Dissemination - Seminars, workshops, leaflets, posters, radio program, newsletters,

Policy / Institutional	Infrastructure	Human resource capacity	Provision / support	Information / knowledge
		Training in strategic planning, economic analysis and development of agricultural development plans at district level	vehicles - buses, pickups, trucks, motorcycles, bicycles, boats	Decentralization Sensitization on slash and burn Dissemination - meetings, leaflets, posters, radio program, newsletters,

RICE PRODUCTION STATUS

PARAMETER	2013 TARGET	2012	2018 TARGET
Yield (Mt/ha)	2.0	1.87	4.0
Area (Ha)	830,000	605,297	1,100,000
Production (paddy Mt)	1,495,000	1,131,905	4,400,000

*Source: Agric Stat Bull. Vol III, PEMSD/MAFFS April 2014

Average annual increase in area cultivated 2009 - 2012 = 35,395 ha Annual yield increase 2009 - 2012 = 0.09 Mt/ha Average annual increase in production 2009 - 2012 = 81,600ha

At current prod. Levels estimated at 1.13 million metric tons and with an annual average increase of 0.09mt/ha, achieving the target 4.4 million metric tons by 2018 requires quadrupling of efforts in all fronts.

