

Plan for NRDS implementation and Rice Sector Development

Country Name: Ghana

Issue in NRDS Implementation/ Rice Sector Development (No. 1): PROVISION OF QUALITY SERVICE : Lack of quality services to rice value chain actors				
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
1.1 Facilitate the development of 12 zonal offices into Rice Business Centers providing mechanization, agro-input supply, Business Development and Extension	1.1.1. Plan and develop operational guidelines for Rice Business Centers in the zones	By March 2016	GRIB/MOFA/Taskforce	\$250,000.00 GRIB
	1.1.2. Select rice production areas where Rice Business centers will be situated	By July 2016	GRIB/MOFA/Taskforce	N/A
	1.1.3. Identify key services to be provided (mechanization, agro-input supply, business development, extension services and credit schemes.	By March 2016	GRIB/MOFA/Taskforce	N/A
	1.1.4. Recruit and train interns (National service personnel) to manage the offices	By March 2016	GRIB/MOFA/Taskforce	GoG
	1.1.5. Develop financial reporting tools and administrative manuals to operationalize the RBCs	By March 2016	GRIB/MOFA/Taskforce	GRIB
	1.1.6. Monitor functioning of the completed RBC's by the Apex Secretariat	August 2016	GRIB/MOFA/Taskforce	GRIB

Issue in NRDS Implementation/ Rice Sector Development (No. 2): : TECHNOLOGY TRANSFER: Poor adoption of modern techniques and agronomic practices by rice value chain stakeholders towards improving productivity

Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
2.1 Strengthen the capacity of rice smallholder farmers in System Rice Intensification (SRI) methods and other technology to improve productivity	2.1.1. Organize on-field training in the 12 zones on SRI	By December 2015	Taskforce /MOFA/ GRIB	GoG
	2.1.2. Select model farmers for demonstration sites	By December 2016	Taskforce /MOFA/ Farmers	GoG
	2.1.3. Prepare 3 demonstration sites per zone for learning	By December 2016	Taskforce /MOFA/ Farmers	GoG
	2.1.4. Monitor the adoption of technology by farmers	By December 2016	Taskforce /MOFA/ Farmers	GoG
2.2 Enhance the capacity of female smallholder parboiled rice producers in business principles and marketing skills.	2.2.1 Plan and organize training workshops in the zones in northern Ghana in quality processing & packaging, entrepreneurship development and business management and leadership	By June 2016	Taskforce / GRIB	US\$30,000 GRIB
	2.2.2 Monitor the adoption of training knowledge by zones	During processing periods	Taskforce /MOFA/ GRIB	GRIB
2.3 Strengthen the capacity of medium and large scale farmers through training in best agronomic practices in water management and bunding technology in rice production, harvesting and post harvesting practices	2.3.1 Design training modules	By November 2015	Taskforce /MOFA	JICA/GoG
	2.3.2 Identify key areas of rice production for the training	By December 2015	Taskforce /MOFA	JICA/GoG
	2.3.3 Organize training workshops in all the rice growing zones	By February 2016	Taskforce /MOFA	JICA/GoG
	2.3.4 Monitor and evaluate the adoption of training by zones	By December 2016	Taskforce /MOFA	JICA/GoG

Issue in NRDS Implementation/ Rice Sector Development (No. 3): Lack of standards for quality rice				
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
3.1 Engage the Ghana Standard Authority and MoFA to develop a national minimum standard for PADDY rice drawing on international standards and best practices.	3.1.1 Plan and develop rice standards with GSA, MOFA and other stakeholders	By September 2015	GSA/Taskforce /GRIB	GoG
	3.1.2 Plan and hold dialogue meeting with GSA to develop certification for locally produced rice to ensure quality	By November 2016	GSA/Taskforce /GRIB	GoG
	3.1.3 Plan and organize stakeholder workshop on paddy rice standards and milled rice for the rice value chain in Ghana	By December 2015	GSA/Taskforce /GRIB	GoG
	3.1.4 Plan and develop rice standards with GSA, MOFA and other stakeholders	By March 2016	GSA/Taskforce /GRIB	GoG
3.2 Sensitize actors along the value chain through training and capacity building to embrace the standard for improved quality management and enhanced competitiveness of local rice.	3.2.1 Plan and organize media activities to sensitize the general public on the standards	By May 2016	Taskforce /MOFA	GoG
	3.2.2 Monitor and evaluate the action	By December 2016	Taskforce /MOFA	GoG

Issue in NRDS Implementation/ Rice Sector Development (No. 4): Limited availability of improved varieties due to poor planning				
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
4.1 Production of adequate quantities of breeder, foundation and certified seed from released rice varieties adaptable to rice growing ecologies	4.1.1 Organize seed planning meetings to determine the quantities of seed required	By October 2015	Taskforce /DCS	GoG
	4.1.2 increase in quantity of breeder seeds of selected varieties	By March 2016	Taskforce /Research	GoG
	4.1.3 increase in quantity of foundation seeds per variety	By August 2017	Taskforce /GLDB/Private Sector	GoG
	4.1.4 increase in certified seeds per variety	By March 2018	Taskforce /Private Sector	GoG
4.2 Develop an efficient system of distribution for breeder, foundation and certified seed	4.2.1 Facilitate the establishment of distribution outlet	By November 2017	Taskforce /GAIDA	GAIDA
	4.2.2 Link private seed companies to foundation seed producers	By December 2016	Taskforce /STAG	GoG
	4.2.3 Link farmers to distribution outlets in the identified zones	By February 2018	Taskforce /GAIDA	GAIDA
4.3 Organize and train certified seed growers	4.3.1 Plan and liaise with DCS to identify seed growers in the zones	By November 2015	Taskforce /DCS	GoG
	4.3.2 Train identified seed grower in seed production and quality control	By November 2017	Taskforce /DCS	GoG

Issue in NRDS Implementation/ Rice Sector Development (No. 6): Limited access to fertilizer and distribution				
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
6.1 Ensure timely importation of fertilizer	6.1.1 Organize stakeholders meeting with companies on the periods of fertilizer importation	By December, 2015	PPRSD, IFDC, Financial Institutions, DAES DCS , NGOs	GoG
	6.1.2 Facilitate the importation of fertilizer before the beginning of farming seasons	By February, 2016	PPRSD, IFDC, Financial Institutions, DAES DCS , NGOs	GoG
6.2 Develop an efficient system of storage and distribution (in affordable packages) of recommended fertilizer to enhance availability	6.2.1 Facilitate the establishment of distribution outlet	By December, 2016	GAIDA	GAIDA
	6.2.2 Rehabilitate existing fertilizer storage facilities	By December, 2016	Taskforce/MOFA	GoG
	6.2.3 Link farmers to outlets nearest to their localities	By February, 2016	Taskforce/IFDC/GAIDA	IFDC
6.3 Facilitate timely access to fertilizer through the provision of efficient credit systems	6.3.1 Identify credit institutions that can support farmers	By December, 2015	Taskforce/ IFDC/ Financial Institutions,	IFDC
	6.3.2 Link farmers to credit systems identified/established to procure inputs	By March, 2016	Taskforce/Financial Institutions	IFDC
6.4 Encourage use of organic fertilizer through awareness creation, training and demonstrations	6.4.1 Create awareness on use of organic fertilizer	By February, 2016	Taskforce/DCS	GoG
	6.4.2 Establish demonstrations on use of organic fertilizer in rice production	By June, 2016	Taskforce/DCS	GoG
	6.4.3 Train farmers of the handling and use of organic fertilizer	By November, 2016	Taskforce/DCS	GoG

Issue in NRDS Implementation/ Rice Sector Development (No. 7): Poor post-harvest infrastructure and marketing				
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources
7.1 Enhance quality of milled rice through provision of appropriate machinery and capacity building in post-harvest handling of produce	7.1.1 Upgrade existing rice milling equipment to improve quality of rice processed	By November, 2016	Taskforce/Processors	GoG
	7.1.2 Train processors in post-harvest handling of rice	By March , 2016	Taskforce/DCS	GoG
7.2 Provide adequate storage facilities in major rice producing and consumption areas	7.2.1 Establish new storage facilities in major rice growing areas	By December , 2017	Taskforce/Private sector	GoG
	7.2.2 Rehabilitate existing storage facilities in rice growing and consumption areas	By November, 2017	Taskforce/MOFA	GoG
7.3 Develop suitable branding of locally produced rice as a way of promoting	7.3.1 Standard rice packaging material approved for locally produced rice	By September, 2016	Taskforce/GSA	
	7.3.2 Develop reliable price and market information system	By November, 2016	Taskforce/Isoko	GoG/Isoko

Issue in NRDS Implementation/ Rice Sector Development (No. 8): Limited/poor irrigation and water control structures for rice production					
Solutions to address the issue	Actions	Timeline/ Deadline	Responsibility	Budget and Sources	
8.1 Rehabilitate and expand existing irrigation infrastructure and improve suitable lowlands/valleys with water harvesting & regulatory structures(whirs)	8.1.1 Rehabilitate existing irrigation schemes for rice cultivation	By November, 2016	Taskforce/GIDA	GoG	
	8.1.2 Expand of irrigation infrastructure for rice production	By December, 2017	Taskforce/GIDA	GoG	
	8.1.3 Increase irrigated area for rice production	By March, 2018	Taskforce/GIDA	GoG	
	8.1.4 Construct water harvesting & regulatory structures in selected lowlands/valleys	By August, 2017	Taskforce/GIDA	GoG	
8.2 Promote the use of small scale pumps along perennial water bodies	8.2.1 Identify perennial water bodies suitable for rice production	By November, 2016	Taskforce/GIDA	GoG	
	8.2.2 Procure small scale pumps as credit for small scale farmers	By March, 2017	Taskforce/GIDA	GoG	
8.3 Train communities in the management and maintenance of irrigation schemes and other water control systems	8.3.1 Sensitize communities on the management of irrigation schemes	By February, 2018	Taskforce/GIDA	GoG	
	8.3.2 Encourage community participation in irrigation development	By May, 2017	Taskforce/GIDA	GoG	
	8.3.3 Train community members of the maintenance of the developed irrigation schemes	By January, 2018	Taskforce/GIDA	GoG	