

Action Plan to improve/ promote Agriculture Mechanization

Country Name: Kenya

Issue in Agriculture Mechanization(No. 1): Proposed Agricultural Mechanization Board does not adequately address the mechanization agenda				
Objective 1 (Solutions to address the issue) : To incorporate the issue of determination of agricultural materials				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable)
1.1 Clearly defined agricultural materials	1.1.1 Prepare a presentation with regard to the training in Japan to departmental staff	6 th Oct 2017	Chief Eng.	
	1.1.2 Plan a workshop for brainstorming to amend the bill	Dec 2017	Chief Eng.	
	1.1.3 Amend the proposed bill and invite stakeholders	April 2018	Chief Eng.	
Issue in Agriculture Mechanization (No. 2): Proposed agricultural mechanization testing center ill-defined in its activities				
Objective 1 (Solutions to address the issue) : To redefine the role of AMTC in line with new insights from training in Japan				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable)
1.1 A practical approach to machinery testing	1.1.1 Make a presentation to departmental staff on the new insights to machinery testing	6 th Oct 2017	Chief Eng.	
	1.1.2 Plan and initiate a workshop to brainstorm	Dec 2017	Chief Eng.	
	1.1.3 Amend the proposal	April 2018	Chief Eng.	

Issue in Agriculture Mechanization (No. 3): Rice production in the western region is not competitive				
Objective 1 (Solutions to address the issue) : Lower the cost of production from KES 63,000 per acre to KES 46,000 per acre				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable)
1.1 Data on specific segment of production analyzed	1.1.1 Baseline survey	June 2018	RIPP	
	1.1.2 Evaluation of implementation of mechanization in Mwea	Dec 2017	RIPP	
1.2 A proposal for initiating appropriate Machinery in western Kenya	1.2.1 Baseline survey	June 2018	RIPP	
	1.2.2 Mechanization profitability analysis	Sept 2018	RIPP	
	1.2.3 Presentation of analysis to stakeholders	Sept 2018	RIPP	
	1.2.4 Mechanization project proposal	Dec 2018	RIPP	
1.3 Mechanization system developed	1.3.1 Propose alternative systems	Sept 2018	RIPP	
	1.3.2 Subject the Proposals to criticism and select the most feasible	Sept 2018	RIPP	
	1.3.3 capacity build the managers of the system	Sept 2019	RIPP	
1.4 Mechanized rice production system implemented	1.4.1 Procure Machinery	2019	Chief Engineer	
	1.4.2 Monitor implementation			
Objective 2 (Solutions to address the issue) : To develop a business model in 3 Irrigation schemes				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable)
2.1 Rice Milled within the scheme	2.1.1 Capacity build managers of current mills in the region on the new successful business models.	Feb 2018	RIPP	
	1.1.1 Develop a system that enables farmers and businessmen to access Government and private mills	April 2018	RIPP	
	1.1.2 Promote the business model	June 2018	RIPP	
	1.1.3 Monitor Progress	From 2019	RIPP	