

Action Plan to improve/ promote Agriculture Mechanization

Country Name: Uganda

Issue in Agriculture Mechanization(No. 1): Limited access to agricultural machinery by farmers				
Objective 1 (Solutions to address the issue) : To increase access and utilization of agricultural Mechanization machinery				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable) UGs
1.1 Increased use and access of agricultural machinery by farmers Note:	1.1.1 Conduct a needs assessment of farm machinery requirement in the country	2018	MAAIF, NARO	UGX 232.2 Billion GOU and development partners
	1.1.2 Develop models that encourage farmers have access to machinery through PPP	2019	MAAIF	
	1.1.3 Construct 4 support centers which offer advisory services to farmers interested in mechanization equipment	2021	MAAIF, MFPED	
	1.1.4 Provide farm machinery to 20 model farmers for demonstration of agro processing and post-harvest handling	2021	MAAIF, NAADS	
	1.1.5 Purchase and distribute 300 tractors and implements to farmer groups for mechanization promotion	2021	MAAIF, NAADS	
1.2 Financial services accessed by farmers Note:	1.2.1 Develop financing models which encourage mechanization in agriculture	2018	MAAIF, NAADS	
	1.2.3 Sign memoranda with 5 banks willing to provide financing to farmers	2019	MAAIF	
1.3 Mechanization policy and strategic plan developed Note:	1.3.1 Conduct 3 stake holders consultation to gather views on mechanization promotion	2018	MAAIF	
	1.3.2 Finalize the mechanization policy to create an enabling environment for mechanization	2018	MAAIF	
	1.3.3 Develop mechanization implementation plan	2018	MAAIF	
	1.3.4 Carry out 10 Sensitization campaigns to farmers about the policy and plan	2019	MAAIF	

Objective 2 (Solutions to address the issue) : Limited Human Resource Capacity				
Applied Model: To skill Ugandan human resource in agricultural mechanization				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable) UGs
2.1 Increased number of skilled labor force in agricultural mechanization Note:	2.1.1 Conduct mechanization manpower and skill gap assessment	2017	MAAIF, MOPS, MFPED	40.36 Billions GOU and development partners
	2.1.2 Recruit and deploy at least 100 cadres in agricultural mechanization	2019	MAAIF, MOPS	
	2.1.3 Certify and grade operators, technicians, farmers in operation and maintenance of machinery	2020	MAAIF, NARO	
	2.1.4 Skill and retool all staff involved in agricultural mechanization	2020	MAAIF	
	2.1.5 Provide technical support to vocational and training center's to skill technicians, operators and mechanics in mechanization	2020	MAAIF	
2.2 Agricultural mechanization regional Referral center's established or refurbished Note: Mechanization resource centers will be used for repair and service of agricultural machinery	2.2.1 Make a needs assessment of areas in need of agricultural mechanization centres	2018	MAAIF	
	2.2.2 Reequip 1 existing national referral agricultural mechanization center	2020	MAAIF	
	2.2.3 Establish 4 regional agricultural mechanization center's	2021	MAAIF	
	3.1.1 Create a national platform for government partnership with private sector for mechanization development	2019	MAAIF	
	3.1.2 Certify 10 repair and services centers offering mechanization services	2020	MAAIF	

Issue in Agriculture Mechanization (No. 3): Limited Appropriate Technology for Agricultural Mechanization				
Objective 1 (Solutions to address the issue) : To increase research, development, and uptake of Agricultural Mechanization Technology				
Applied Model:				
Expected Results	Actions	Timeline/ Deadline (If applicable)	Responsibility	Budget and Sources (if applicable) UGx
1.1 Increased uptake of appropriate farm tools for mechanization in the country	1.1.1 Conduct 1 baseline survey per year on the appropriate technology needed in the country	2020	MAAIF, NARO	40 Billion GOU and development partners
	1.1.2 Provide funds to agricultural research institute for research of appropriate technology	2020	MAAIF,NARO	
	1.1.3 Provide information to farmers on available appropriate technology	2020	MAAIF, NARO	
	1.1.4 Provide financial subsidies to 4 service providers per year of appropriate technology	2020	MAAIF,NARO	
	1.1.5 Link 200 farmers with private banks to acquire appropriate technology	2021	MAAIF	
	1.1.6 Give grants and subsidies to farmers acquiring appropriate technologies	2021	MAAIF	
2.1 Increased uptake of locally produced agricultural machinery	2.1.1 Provide funds for research and development for local manufacturers	2021	MAAIF, NARO	
	2.1.2 Create linkage between research institutions and 5 local manufacturers	2019	MAAIF, NARO	
	2.1.3 Provide funds for subsidies to local manufacturers	2021	MAAIF,	
	2.1.4 Offer extension services to 100 farmers using locally manufactured products for mechanization	2021	MAAIF	

NARO – National Agricultural Research Institute, MOPS ministry of public service, MFPED: Ministry of Finance, Planning and Economic Development

MAAIF- Ministry of Agriculture Animal Industry and Fisheries