

The Republic of Uganda

REPORT ON MONITORING AND EVALUATION OF THE NATIONAL COFFEE POLICY 2013

<u>Compiled by:</u> Department of Policy Development & Capacity Building, Office of the President-Cabinet Secretariat KAMPALA

January, 2023

TABLE OF CONTENTS

FOR	EWORDii
1.0	INTRODUCTION4
2.0	BACKGROUND4
3.0	PROBLEM STATEMENT
4.0	PURPOSE
5.0	OBJECTIVES6
6.0	SCOPE
7.0	METHODOLOGY7
8.0	FINDINGS
8.1	Summary of Findings9
8.2	Detailed Findings1
	1 Effectiveness of Implementation of the National Coffee icy1
8.2.	2 Relevance of the National Coffee Policy15
8.4	Challenges Faced During Implementation of the Policy 21
8.5	Proposals to Address the Challenges
9.0	CONCLUSION
10.0	RECOMMENDATIONS
11.0	REFERENCES

FOREWORD

The National Coffee Policy was formulated in 2013 to increase coffee production, value addition and domestic coffee consumption in Uganda. The coffee production was at 3,004,763 bags of 60kg and domestic consumption was at 216,000 bags of 60kg.

The Policy was monitored and evaluated to determine the status of its implementation in terms of effectiveness and relevance by establishing the extent of; change of the problem, achievement of the policy objectives, and implementation of the activities.

The findings revealed that implementation of the policy was on the right course as there was increase in production of coffee from 3,004,763 to 6,203,163 bags of 60kg and domestic consumption increased from 216,000 to 553,900 bags of 60kg all from the period of 2013 to 2019. It was indicated that there was an increase in value addition in terms of increase in the quality and variety of coffee products. This was attributed to effective implementation of the planned policy interventions as 82% of planned activities had been implemented.

I would like to encourage Ministry of Agriculture, Animal Industry and Fisheries and Uganda Coffee Development Authority to enhance implementation of the policy interventions and carry out more awareness creation to facilitate increase and sustainable production, domestic consumption, exportation and value addition on coffee in Uganda.

Deborah Katuramu DEPUTY HEAD OF PUBLIC SERVICE AND DEPUTY SECRETARY TO CABINET

1.0 INTRODUCTION

This report is on monitoring and evaluation of the National Coffee Policy which was approved in 2013. Implementation of the policy was spearheaded by the Uganda Coffee Development Authority, and Ministry of Agriculture, Animal Industry and Fisheries. The purpose of the policy was to increase coffee production, value addition and domestic coffee consumption for a competitive, equitable, commercialized and sustainable coffee industry. The monitoring exercise was conducted from 10th to 19th August, 2020 with a major focus on the effectiveness and relevance of the policy.

2.0 BACKGROUND

Public policies are put in place as a means of addressing public issues aimed at improving lives of the citizens. The National Coffee Policy was approved in 2013 as a response to the low; coffee production, value addition and domestic coffee consumption in Uganda. The monitoring and evaluation involved assessment of the policy's performance in terms of effectiveness and relevance. This generated useful information on whether implementation of the policy was on course of achieving its objectives with their aligned activities and addressing the problem.

3.0 PROBLEM STATEMENT

Effective policy management requires that monitoring and evaluation of policy is conducted regularly and progress documented on their performance. However, there was no evidence of monitoring and evaluation of the National Coffee Policy on the extent to which the policy had achieved its objectives and planned activities targeted towards addressing the problem of low; coffee production, value addition and domestic coffee consumption in Uganda. Failure to monitor progress of the policy created a gap on whether the policy was on the right course as planned or not. This may lead to wastage of resources and poor service delivery. There was, therefore need to monitor and evaluate implementation of the policy to assess its performance.

5

4.0 PURPOSE

To assess the effectiveness and relevance of the National Coffee Policy.

5.0 **OBJECTIVES**

The objectives of the monitoring and evaluation exercise were:

- i. To assess the extent of change of the problem addressed by the National Coffee Policy.
- ii. To establish the extent of achievement of the National Coffee Policy objectives.
- iii. To determine whether the National Coffee Policy activities were implemented.
- iv. To assess the alignment of the National Coffee Policy problem, objectives with the activities.

6.0 SCOPE

The planned scope of the monitoring and evaluation targeted Ministries, Departments & Agencies (MDAs), selected Local Governments, coffee farmers and consumers. The field activity was conducted between 10th and 19th August 2020.

7.0 METHODOLOGY

Monitoring and evaluation was conducted by staff of Cabinet Secretariat, Office of the President. Literature review was undertaken before the field monitoring activity and contributed to the generation of secondary data. The following was applied:

7.1 Sample and Sampling Method

Uganda Coffee Development Authority (UCDA), Ministry of Agriculture, Animal Industry and Fisheries was the first sampled stakeholder the because spearheaded in exercise it implementation of the policy. Other Ministries, Local Governments and non-state actors were randomly selected for the monitoring exercise. These were; Office of the President, Ministry of Ministry of Public Service, District Local Governments of; Mpigi, Kalungu, Masaka and Mbarara, The National Agriculture Advisory Services (NAADS), Operation Wealth Creation (OWC), and selected coffee farmers and consumers from the visited districts.

7.2 Data Types and Sources

Both primary and secondary data were used in the exercise. Primary data was collected from the identified respondents while secondary data was obtained from the National Coffee Policy and other reports generated by the UCDA.

7.3 Data Collection Methods and Tools

Data was collected through questionnaires, interview guide and document review.

7.4 Data Analysis

Data was analyzed using Microsoft Word and Excel. Presentation of findings was through tables and narrative for better outlay and understanding.

8.0 FINDINGS

The section highlights the summary and detailed findings of the monitoring and evaluation of implementation of the National Coffee Policy.

8.1 Summary of Findings

The key findings of the assessment of policy problem, objectives and activities are indicated below.

- i. There was an increase in the levels coffee production, domestic consumption from 3,004,763 to 6,203,163 bags of 60kg and 216,000 to 553,900 bags of 60kg respectively, and value addition in the coffee produced between FY2012/13 and FY2019/20 (*refer to Chart 1 and 3*).
- ii. 82% of planned activities (23 out of 28 activities) were being implemented.
- iii. All planned activities were relevant towards achieving the policy objectives and addressing the problem.
- iv. Uganda Coffee Development Authority under Ministry of Agriculture, Animal Industry and Fisheries played a big role in ensuring that the policy was effectively implemented.

8.2 Detailed Findings

This section presents details of the assessment of effectiveness and relevance of implementation the National Coffee Policy.

8.2.1 Effectiveness of Implementation of the National Coffee Policy

Assessment of effectiveness involved analysis of the extent of change of the problem, achievement of objectives and implementation of activities. The results of monitoring and evaluation are reflected as follows.

The problem intended to be addressed by the Policy in 2013 was low coffee production, value addition and domestic coffee consumption in Uganda. Despite the fact that coffee was the leading commercial agricultural commodity and major foreign exchange earner accounting for nearly 20 percent of all exports, the levels of coffee production, value addition and consumption were still low. In 2012/13, a total of 3,912,872 60 kg bags of coffee were produced (3,004,763 Robusta and 908,109 Arabica) of which 216,000 bags were consumed and 3,582,629 bags were exported. 33,579 bags of 60kg of coffee were rejected and referred for reprocessing. In order to address the stated policy problem, 7 objectives and 28 strategic activities were set as indicated in table 1.

The assessment of effectiveness demonstrated the extent of achievement of the planned policy activities which informed whether the planned objectives were achieved, resultantly addressing the problem. This was demonstrated in table 1.

1 avi	e 1. Achievement of Foncy	Objectives and Menvilles		
S/N	Planned Activity	Actual Activity Carried Out		
Obj	ective 1: To increase and su	ustain production and yield at		
	the farm	n level		
1.	Promote adoption of best	Agronomic practices such as		
	agronomic practices at	wilt disease resistant mother		
	farm level.	gardens have been promoted		
		at farm level.		
2.	Encourage coffee	Coffee production was		
	production in new areas	encouraged in Non-traditional		
	and expand acreage in	Coffee areas such as; Mbarara,		
	traditional coffee areas.	Kiruhura, Kaabong,		
		Kiryandongo, Koboko Yumbe		
		districts.		

 Table 1: Achievement of Policy Objectives and Activities

S/N	Planned Activity	Actual Activity Carried Out
3.	Promote the use of	New Arabica coffee varieties
	improved varieties.	were introduced to withstand
		some biotic and abiotic
		constraints.
4.	Improve pest and disease	Research to complete novel
	management.	technologies was prioritised
		towards addressing pests and
		diseases. This led to
		innovations such as disease
		resistant mother gardens and
		novel tissue culture protocols
		developed to improve callus
		formation and embryo
		germination from 10% to
		80%.
5.	Improve the use of agro	During the FY 2018/19,
	inputs in coffee	96,764 cuttings where cloned,
	production.	33,382 rooted-cuttings weaned
		and 21,943 rooted-cuttings
		availed to farmers.
		Additionally, 7,308 tissue
		culture plantlets/ materials
		(including new cultures,
		established cultures and
		RITAs with germinating
		embryos) were generated.
6.	Mainstream youth and	Trainings were conducted in
	women into the coffee	Eastern, Western and
	value chain activities.	Northern regions 766 Female
		and 234 Youth were trained

S/N	Planned Activity	Actual Activity Carried Out
		across 34 districts. The key
		areas of focus were: good
		governance, bulk marketing
		and group dynamics. Annual
		national barista competitions
		were organised for the youth.
7.	Ensure environmental and	Assorted chemicals and
	biodiversity conservation	equipment for biotechnology
	is practiced in producing	and nursery units were
	coffee.	procured to ensure
		environmental and
		biodiversity conservation.
8.	Promote the availability	Solar water pump and
	of water for production at	automatic screen-house
	farm level.	irrigation system were
		established for farmers. Water
		harvesting and irrigation
		technologies were encouraged
		among farmers groups.
9.	e	
	_	programs for small holder
	holder farmers.	farmers were undertaken on
		benefits of coffee as a business
		enterprise.
-		offee research system that is
	onsive to the industry's nee	
10.	-	The National Coffee Research
	Institute as provided for in	
	the National Agricultural	established.
	Research Systems	

S/N	Planned Activity	Actual Activity Carried Out				
	(NARS) Act.					
11.	Research Trust Fund to	No information was provided on establishment of a Coffee Research Trust Fund.				
12.	Strengthenthelinkagebetweenresearch,developmentandextension.	The coffee research system has been strengthened through provision of financial assistance to National Coffee Research Institute (NaCORI) to ensure responsiveness to industry research requirements and demands.				
Obj	Objective 3: To support coffee specific extension within the					
•	unified/centralised delivery systems that meets the prevailing					
	industry req					
13.	extension in every coffee	UCDA has 44 sub-regions manned by Regional Coffee Extension Officers.				
14.	Build capacity of coffee-	Extension staff got trained in monitoring & evaluation, effective leadership & performance enhancement, gender & equity, trainer of trainers and open data management.				
15.	Support farmer-led extension systems.	Credit sources were availed for access to coffee farmers by Coffee extensions to improve				

16.Incorporatecoffeeextensionintotertiary	on incorporation of coffee
L L	on incorporation of coffee
	extension into tertiary level education curriculum.
Objective 4: To support and	strengthen coffee farmers'
organisations to participate eff	ectively in all the stages of the
coffee value chain.	·
	mobilisation and sensitization in 15 districts to form farmer organizations
Objective 5: To develop and	inherent in coffee farmer organizations/cooperatives to inform development of strategic interventions. A total of 70 farmer organizations/cooperatives from 23 districts and 3 regions (Eastern, Western and Northern regions) were assessed.

S/N	Planned Activity	Actual Activity Carried Out
regu	lations at all stages of the c	offee value chain.
19.	Amend and implement the revised National Coffee	2018 was tabled before
	law.	Parliament for the first reading on 30th April, 2018 and was assented to in 2021
20.	Amend and implement the	No information was provided
	revised Coffee	-
	Regulations.	Regulations.
Obje	ctive 6: To promote value	e addition at all stages of the
•	e value chain.	0
21.	Promote primary processing at farm level.	Primary processing factories were annually inspected and remedial actions undertaken.
22.	Promote bulking and export grading at farm/farmers' organization level.	
23.	Support increased export of value added products.	In 2019, 4.17 million bags of 60kg of coffee were certified for export. The Kisansa production and value chains were streamlined to prevent mixtures in coffee exports and to maximize its potential as a specialty coffee. There were awareness creation campaigns of coffee sub- sector actors on the attributes

S/N	Planned Activity	Actual Activity Carried Out
		and potential of the species to
		tap into the export markets for
		local producers.
24.	Promote and support	Annual test for sanitary and
	coffee certification	safety parameters were carried
	schemes.	out, and the amended Quality
		safety for certification of
		coffee exports
25.	Support the establishment	In FY 2018/19, Uganda's
	of an instant /soluble	country coffee profile and
	coffee factory	terms of reference for
		establishing a soluble coffee
		plant as well as monitoring
		and evaluation (M & E) of
		UCDA activities were
		developed.
	ective 7: To promote domes	
26.	Create awareness on the	
	C	potential farmers on good
	e	agricultural practices and
	professionals and	advised the public about the
	consumers.	benefits of coffee as a business
		enterprise. Also, information
		on health benefits of drinking
27	Divid the compatient of 11	coffee was disseminated.
27.	Build the capacity of local	UCDA continuously engaged
	roasters and brewers.	roasters and brewers through
		training in green coffee
		classification using the
		Agroton scale, roast

S/N	Planned Activity	Actual Activity Carried Out
		identification, cupping and
		reflected in the number of
		better finished coffee
		products/ brands on the
		market. 147 baristas (32
		Females) and brewers were
		trained in 2019 in brewing
		techniques and basic
		machinery operations from
		across 3 regions (Western,
		Central, Eastern (Fort Portal,
		Masaka, Bukomansimbi,
		Iganga and Jinja)
28.	Develop and institute	Ĩ
	standards and regulations	
	for the internal marketing	regulations for the internal
	of coffee as a final	marketing of coffee as a final
	product.	product.

Majority of the planned activities (23 out of 28 activities) in the policy were being implemented. Implementation of these activities demonstrated the following in terms of achievement of the objectives and addressing of the problem:

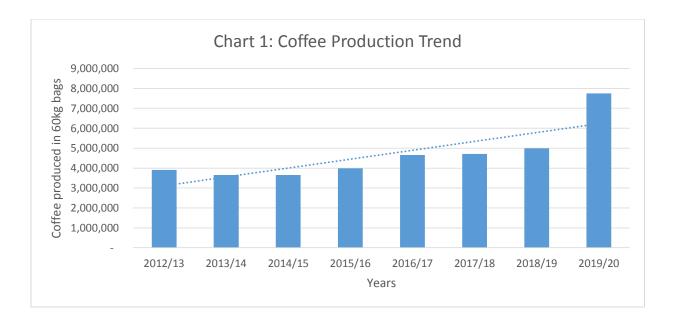
i. Production and yield of coffee at farm level had increased and was being sustained. From the various reports reviewed, the change in the coffee production was as follows:

			104400					0=>1=0
	2012/	2013/	2014/	2015/	2016/	2017/	2018/	2019/
	13	14	15	16	17	18	19	20
Rob usta (bag s of 60kg)	3,004 ,763	2,828 ,831	2,849 ,560	3,018 ,725	3,619 ,314	3,502 ,439		6,203 ,163
Ara bica (bag s of 60kg)	908,1 09	824,0 36	796,9 23	974,6 60	1,033 ,745	1,205 ,158	-	1,550 ,791
Tota l	3,912 ,872	3,652 ,867	,	,	,	4,707 ,597	,	7,753 ,954

 Table 2: Coffee Production from FY 2012/13 to FY2019/20

(Source: UCDA Annual Reports of FY 2012/13 to FY2019/20)

There was an average increase of 98% (3,841,082 bags of 60kg of coffee) in the levels coffee production between 2012/13 and 2019/20 with the highest volume of production registered in 2019/20 at 7,753,954 bags of 60kg of coffee. It is further demonstrated by the trend chart 1 below.



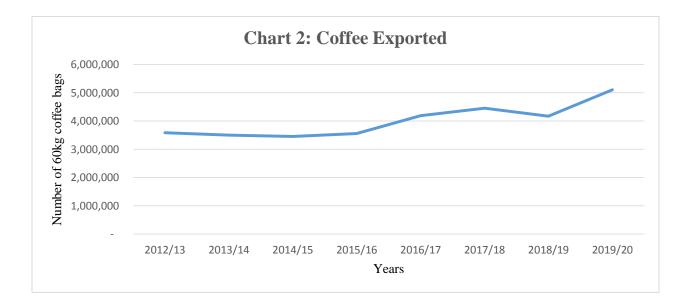
- ii. A biotechnology laboratory with essential equipment and the National Coffee Research Institute (NaCORI) were established which pioneered research to profile bio active compounds in coffee to inform improvements in the quality and value of coffee produced.
- iii. Capacity enhancement engagements of field extension in various fields were conducted and a Geospatial extension monitoring system was established which encouraged technological adaptation, post-harvest services and sustainable coffee production.
- iv. Farmers were continuously trained and sensitized on the best farming practices across the country.
- v. The National Coffee Bill 2018 was tabled before Parliament for the first reading on 30th April, 2018 and was approved in 2021 to provide direction at all stages of the coffee value chain.

vi. There was an improvement in the quality of coffee produced in terms of the fairy average quality outturn and higher screen retention. In 2019, 4.17 million bags of 60kg of coffee were certified for export. The number of coffee bags exported has increased over the years as illustrated below due to improvement in the quality of coffee produced. However there is need to indicate changes in value added at all stages of the coffee value chain. The change in the coffee exported over the years is demonstrated in table 3 and chart 2.

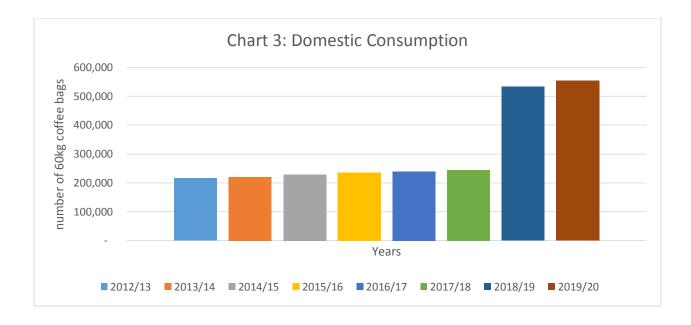
Table 5: Conee Exported from F 1 2012/15 to F 1 2019/20								
	2012/	2013/	2014/	2015/	2016/	2017/	2018/	2019/
	13	14	15	16	17	18	19	20
Expo rts (bags of 60kg)	3,582 ,629	3,499 ,829	3,455 ,852		4,185 ,940		4,168 ,408	5,103 ,771
Expo rt Reve nues (\$ billio ns)	0.433	0.394	0.411	0.352	0.490	0.492	0.415	0.496

 Table 3: Coffee Exported from FY 2012/13 to FY2019/20

(Source: UCDA Annual Reports of FY 2012/13 to FY2019/20)



vii. Domestic consumption of coffee in Uganda had increased over the years as indicated in chart 3 below. The positive change was as a result of domestic coffee promotion campaigns and trade fairs conducted on an annual basis. 38 trade fairs and 6 campaigns were conducted in 2019.



From the analysis, implementation of the Policy was on the right track towards achievements of the set objectives. There was also a clear demonstration that there was an increase in coffee production, value addition and domestic coffee consumption in Uganda implying a reduction in the problem indicated in the Policy.

However, there is need MAAIF to include baseline data and targets to be met in addressing the problem in terms of; coffee production, consumption and value addition, in the Policy document to enable easy assessment of the change of the problem. This information was obtained from the Reports

14

prepared by Uganda Coffee Development Authority during analysis. There is also need for MAAIF and UCDA to enhance implementation of the policy activities to completely achieve the planned objectives.

8.2.2 Relevance of the National Coffee Policy

Assessment of relevance involved analysis of the extent to which the achievement of policy activities enabled realisation of the objectives and addressing the problem. The results of the analysis are presented in table

Table 3: Relevance of the Activities in realisation of theobjectives and addressing the problem

S/N	Planned Activity	Assessment of Relevance of
		the Activities in in realisation
		of the objectives and
		addressing the problem
1.	Promote adoption of	The intervention is relevant
	best agronomic	because it will improve the
	practices at farm level.	quality and quantity of coffee

S/N	Planned Activity	Assessment of Relevance of		
		the Activities in in realisation		
		of the objectives and		
		addressing the problem		
		produced.		
2.	Encourage coffee production in new areas and expand acreage in traditional coffee areas.	because production in new areas will increase the number of		
3.	Promote the use of improved varieties.	The intervention is relevant because it will improve the quality of coffee produced.		
4.	Improve pest and disease management.	The intervention is relevant because it will improve the quality and quantity of coffee produced.		
5.	Improve the use of agro inputs in coffee production.			
6.	Mainstream youth and women into the coffee value chain activities.	The intervention is relevant because youths and women participating in the coffee value chain activities will increase the number of stakeholders in the coffee value chain which will boast production.		
7.	Ensure environmental	The intervention is relevant		

S/N	Planned Activity	Assessment of Relevance of the Activities in in realisation of the objectives and addressing the problem
	and biodiversity conservation is practiced in producing coffee.	e
8.	Promote the availability of water for production at farm level.	because it will increase access to
9.	U	The intervention is relevant because it will increase coffee production, trade, household income and wellbeing of farmers.
10.	provided for in the National Agricultural	The intervention is relevant because it will enable coming up with new innovations of boasting coffee production and value addition.
11.	Put in place a Coffee Research Trust Fund to ensure sustainable	The intervention is relevant because coffee research will promote sustainability of coffee yields at the global market.

S/N	Planned Activity	Assessment of Relevance of
		the Activities in in realisation
		of the objectives and
		addressing the problem
12.	Strengthen the linkage between research, development and extension.	because it will enable coming up
13.	Support coffee-specific extension in every coffee producing district.	
14.	Build capacity of coffee-specific extension service providers.	The intervention is relevant because it facilitates extension service providers with the required knowledge and skills.
15.	Support farmer-led extension systems.	
16.	extension into tertiary	The intervention is relevant because it will increase the number of professional extension workers in the country.
17.	farmers to form farmer organizations leading to formation of an	The intervention is relevant because this will encourage farmers to join farmer groups and will benefit them with the relevant skills and financial

S/N	Planned Activity	Assessment of Relevance of
		the Activities in in realisation
		of the objectives and
		addressing the problem
	operates as a business unit.	
18.	Supportfarmerorganizationstoparticipateathigherlevelsofvaluecoffeevaluechain.	because this would boast
19.	Amend and implement the revised National Coffee law.	
20.	Amend and implement the revised Coffee Regulations.	
21.	Promoteprimaryprocessingatlevel.	The intervention is relevant because this will increase the quality of coffee produced.
22.	Promote bulking and export grading at farm/farmers' organization level.	1 11 111 00
23.	Support increased	The intervention is relevant

S/N	Planned Activity	Assessment of Relevance of
		the Activities in in realisation
		of the objectives and
		addressing the problem
	export of value added products.	because it will increase export revenue and resultantly government revenue.
24.	Promote and support coffee certification schemes.	The intervention is relevant because it will enable improvement in the quality of coffee produced.
25.	Support the establishment of an instant /soluble coffee factory.	because it will enable
26.	the benefits of coffee	The intervention is relevant because will increase consumption of coffee and health of the masses.
27.		The intervention is relevant because it will equip local roasters and brewers with relevant knowledge and skills for value addition.
28.	standards and regulations for the	The intervention is relevant because these standards will regulate internal marketing of coffee as a final product which

S/N	Planned Activity				Assessment of Relevance of
					the Activities in in realisation
					of the objectives and
					addressing the problem
	coffee	as	а	final	l will boast production.
	product.				

All activities were relevant towards achieving the objectives addressing the policy problem. Continued implementation of these interventions will lead to complete achievement of the objectives and resultantly lead to increased and sustainable coffee production, value addition and domestic coffee consumption in Uganda.

8.4 Challenges Faced During Implementation of thePolicy

Challenges that were being faced during implementation of the policy included:

- Limited awareness by some relevant stakeholders of existence of the policy that guides on coffee production and the entire value chain.
- ii. Delayed distribution of seedlings to some coffee farmers.
- iii. Effects of climate change that affect the coffee seasons.
- iv. Distribution of poor coffee seedlings to some farmers.
- v. High cost of pesticides and fertilizers.
- vi. Few extension staff in Districts.
- vii. Limited demonstration gardens in Districts.
- viii. Limited grading of coffee at Factories.
 - ix. Farmers are not empowered to determine the price of coffee.

8.5 **Proposals to Address the Challenges**

The following proposals were made to address the above mentioned challenges:

i. Establish more coffee demonstration farms in each district to enable coffee farmers get hands-on training.

- ii. UCDA to regulate coffee factories and ensure grading of coffee at farm level to guarantee quality of coffee at that level.
- iii. Strengthen intervention systems for control and management of pests and diseases.
- iv. Increase number of coffee extension staff to help farmers in soil management, spacing, and quality management at farm level among others.
- v. Provide more irrigation schemes and equipment to farmers to guard against crop failure during dry seasons in each region.
- vi. Provision of better agricultural inputs to improve on the quality of coffee produced.

9.0 CONCLUSION

It was established that there was an increase of 3,841,082, 337,900, 1,521,142 bags of 60kg of coffee production and domestic consumption and exports respectively between FY2012/13 and FY2019/20. This in tandem increased value addition and Government revenue from coffee exports. This was

majorly contributed to by the steady fast implementation of the planned policy interventions with 82% of planned activities (23 out of 28 activities) carried out. Uganda Coffee Development Authority and Ministry of Agriculture, Animal Industry and Fisheries played a big role in ensuring that the policy was effectively implemented. Additionally, 26 out of 28 (93%) activities were relevant which indicated that the Policy was on course of achieving its objectives and addressing the problem resultantly lead to increased and sustainable coffee production, value addition and domestic coffee consumption in Uganda.

10.0 RECOMMENDATIONS

The following recommendations should be considered for scaling up achievement and sustainability of the policy objectives and better addressing of the problem:

i. MAAIF and UCDA should conduct regular monitoring and evaluation to gather information to ascertain the status of implementation of all the revenant activities of the Policy.

- MAAIF and UCDA should consider the suggested proposals under 8.5 to address the challenges faced during implementation of the Policy.
- iii. MAAIF and UCDA should enhance implementation of the policy interventions to facilitate increase of coffee production, value addition and domestic coffee consumption to the desired level in Uganda.
- iv. MAAIF and UCDA should increase awareness creation of the policy interventions to enable involvement of more relevant stakeholders in implementation of the Policy.

11.0 REFERENCES

Ministry of Agriculture, Annimal Industry and Fisheries. (2013). *National Coffee Policy*.

Uganda Coffee Development Authority. (2013). *Annual Report, Volume 22*.

Uganda Coffee Development Authority. (2015). 2014-2015 Annual Report, Volume 24.

Uganda Coffee Development Authority. (2016). Uganda Coffee Development Authority Annual Report, Volume 25.

Uganda Coffee Development Authority. (2017). *Annual Report* 2016/17, Volume 26.

Uganda Coffee Development Authority. (2018). *Annual Report* 2017/18. (2013).

Uganda Coffee Development Authority. (2019). Annual Report 2018/19.

Uganda Coffee Development Authority. (2020). 2019-2020 Annual Report, 30 Years of Social-economic Transformation in the Coffee Subsector.