

Vote:154 Uganda National Bureau of Standards

V1: Vote Overview

I. Vote Mission Statement

The Mission of the Bureau is "To provide standards , measurements and conformity assessment services for improved quality of life".

II. Strategic Objective

To provide standards , measurements and conformity assessment services for improved quality of life for all.

III. Major Achievements in 2017/18

Standards Development.

During the period under review, a total of 254 standards were developed mainly to support the implementation of the Buy Uganda, Build Uganda (BUBU) Policy as well as enabling Micro Small and Medium Scale Enterprises (MSMEs) to develop competitive products. Out of the 254 standards, 76 standards were declared as compulsory because of the impact on the health and safety of consumers and the environment.

111 standards that cover chemicals and consumer products were developed in response to government priorities in the Oil and Gas sector focusing on test methods for crude oil, metering systems for petroleum products, qualification testing of welders, inspection and testing of gas cylinders and waste management. Standards for commercial blasting were also developed to support the ongoing work of Uganda People's Defense Forces at Nakasongola Explosives Facility.

UNBS developed 43 standards for agro inputs especially those commonly used in fertilizers, storage requirements for fruits and vegetables and meat carcasses.

UNBS developed 52 engineering standards covering standards for steel tanks, building limes, padlocks, furniture products, inspection and testing of used motor vehicles, LED lamps and lighting kits for rural electrification.

Developed standards for safety of amusement rides and devices to give protection to the users especially children and the youth below 15 years old.

Developed standards for mobile financial services to support the fast growing mobile money industry.

Developed 48 standards covering management and services sector particularly requirements for casinos and for limited pay out machines.

Product certification

To support the government programme of promoting development of Micro, Small and Medium scale Enterprises (MSMEs), 476 certification permits were issued , of which 9 were to MSMEs. In addition UNBS carried out training of 636 stakeholders from Small Micro Enterprises in standardization and quality assurance of their products.

Special interest groups supported

Albinism crisis outreach (ACO) – UNBS gave technical support to improve quality in the production of detergents (Dish washing soap, hand wash, bleach, gel, wet wipes and toilet papers)

Trained Female Genital Mutilation Group in Kapchorwa in coffee (Roasted and Ground coffee)

Trained Integrated disabled women in Iganga on Fruit juice Drink preparation.

Youth groups-Uhuru Institute of social Development (provided training on product quality and standards); supported the Uganda Youth Development Link during the breakfast meeting held in July, Training for the African Agribusiness Academy.

Supported the Uganda Women Entrepreneurs Association limited (UWEAL) in organizing the 4th Annual women Business leaders conference held on 29th -30th November at Silver springs Hotel.

Testing

UNBS laboratories carried out tests on various product samples to evaluate their compliance to set standards for quality assurance. A total of 6,916 samples were analyzed of which 2916 were from chemistry, 1734 Micro-Biology, 1779 materials, 487 electrical. With support from International Atomic Energy (IAEA) the chemistry laboratory secured a state of the art equipment which will help in testing of Veterinary drugs for residuals and other food contaminants in animal products such as meat, eggs, milk among others.

Calibration services

1286 equipment were calibrated and Calibration services provided under NML have enabled a number of MSMEs to effectively control manufacturing processes and meet certification requirements. Over 210 companies were served in the last 6 months.

Compliance

In performing the mandate of enforcing standards to protect consumer health and safety and the environment against dangerous

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and substandard products, the undermentioned were achieved;

Imports Inspection

At total of 70,085 import consignments were inspected in the period under review. As a trade facilitation measure to ensure faster clearance of goods and also to reduce the cost of doing business, UNBS deployed staff at the port of Mombasa to handle the inspections previously carried out at the inland boarders.

UNBS automated imports clearance processes which has reduced the turnaround time for imports Clearance from 11 days to 5 days. UNBS hopes to further reduce the turnaround time by facilitating pre-arrival clearance of inspected goods with data from PVOC service providers.

Under Pre-Export verification of conformity 4.6 billion products were inspected of which 16 million products failed. As a result of UNBS intervention under PVOC program 16M substandard products were stopped from being imported into the country. Such goods would have otherwise had adverse effects on the health and safety of consumers. In addition 246 second hand motor vehicles failed the test and were denied entry into the country. Such vehicles would have had negative environmental effects on the country.

Market surveillance

UNBS market surveillance team inspected 935 market outlets and seized about 232 metric tonnes of goods worth 1.7 bn. The seized goods would have otherwise been detrimental to the health and safety of consumers. The goods seized included steel bars, iron sheets, assorted food stuffs, energy savers, extension cables, cosmetics, agro inputs, second hand tyres, beers, pant, cooking oil maize flour among others. In the period under review 48 metric tonnes of substandard goods worth 950 M were destroyed which included cosmetics, assorted food stuffs, construction materials, electricals, powdered milk, diapers , toilet paper among others.

Legal metrology

In the period under review, UNBS verified 441,919 equipment. During the same period 6,500 electricity meters were verified and about 6000 failed verification and corrective measures were taken. Also in an effort to protect the public from being cheated in wrong measurements, UNBS increased surveillance and verification of fuel dispensers.

In the period under review UNBS verified 7,714 fuel pump dispensers, during the verification a number of anomalies were detected and corrected.

Consumer awareness and stakeholder engagement

Through the school outreach program, UNBS was able to reach 1872 students from 29 schools and 7 Districts (Kampala, Mukono, Jinja, Luwero, Gulu and Kabalole) as an effort to raise generation that appreciates standards and quality products.

In November 2017, the Bureau held a consumer awareness forum in Kampala which attracted over 200 participants.

In August 2017, the testing department hosted the COMESA 6th Regional Aflatoxin Proficiency Testing Evaluation workshop and where the department also received equipment for sampling grains for aflatoxin testing . The workshop was attended by participants from 9 countries.

UNBS held an International conference of the CODEX COMMITTEE on fresh fruits and vegetables in October 2017 which attracted over 200 delegates from 120 countries.

In the period under review signed MOUs with URSB, Kampala Butchers Ministry of works and Transport for SGR and revised the MOU with UEPB. The official cooperation with the mentioned agencies will further enhance the fight against substandard goods on the market.

Staff Health

Organized a health camp where 112 staff were counseled and screened for different ailments which included HIV/AIDS, Hepatitis B and cancer during the World AIDS day.

IV. Medium Term Plans

1. Increase collaboration with other MDAs and the private sector in fighting prevalence of substandard goods in the market.
2. Construct and equip Food safety and Engineering Laboratories
3. Recruitment of additional 100 staff per year where at least 30% are females. This will enable the Bureau to man all entry points and provide tailored services to the vulnerable groups like Medium Small and Micro Enterprises.
4. Decentralize other UNBS services to all the Regional offices for improved service delivery and outreach to stakeholders.
5. Scaling up the certification of MSMEs
6. Support the implementation of BUBU policy and other Government programs.
7. Establishment of a breast feeding center for UNBS Mothers

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V. Summary of Past Performance and Medium Term Budget Allocations

Table 5.1: Overview of Vote Expenditures (US\$ Billion)

	2016/17 Outturn	2017/18		2018/19	MTEF Budget Projections				
		Approved Budget	Expenditure by End Dec		2019/20	2020/21	2021/22	2022/23	
Recurrent									
Wage	6.356	6.356	3.178	6.356	6.991	7.341	7.708	8.093	
Non Wage	2.237	5.638	2.376	5.316	6.485	7.458	8.950	10.740	
Devt.									
GoU	1.989	9.580	0.777	9.580	11.687	14.025	14.025	14.025	
Ext. Fin.	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
GoU Total	10.581	21.573	6.331	21.251	25.164	28.824	30.683	32.858	
Total GoU+Ext Fin (MTEF)	10.581	21.573	6.331	21.251	25.164	28.824	30.683	32.858	
Arrears	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Total Budget	10.581	21.573	6.331	21.251	25.164	28.824	30.683	32.858	
A.I.A Total	14.236	18.396	9.767	26.590	29.241	32.156	35.362	38.888	
Grand Total	24.817	39.970	16.098	47.841	54.405	60.980	66.044	71.746	
Total Vote Budget Excluding Arrears	24.817	39.970	16.098	47.841	54.405	60.980	66.044	71.746	

VI. Budget By Economic Classification

Table V6.1 2017/18 and 2018/19 Budget Allocations by Item

Billion Uganda Shillings	2017/18 Approved Budget				2018/19 Draft Estimates			
	GoU	Ext. Fin	AIA	Total	GoU	Ext. Fin	AIA	Total
Output Class : Outputs Provided	11.893	0.000	15.777	27.670	11.622	0.000	25.810	37.432
211 Wages and Salaries	6.706	0.000	5.348	12.054	6.636	0.000	9.700	16.336
212 Social Contributions	0.636	0.000	0.438	1.074	0.636	0.000	0.870	1.506
213 Other Employee Costs	2.075	0.000	1.461	3.536	2.075	0.000	4.840	6.915
221 General Expenses	0.520	0.000	3.033	3.553	0.270	0.000	3.857	4.127
222 Communications	0.000	0.000	0.550	0.550	0.000	0.000	0.800	0.800
223 Utility and Property Expenses	0.395	0.000	0.551	0.946	0.538	0.000	0.454	0.992
224 Supplies and Services	0.450	0.000	1.172	1.622	0.450	0.000	0.948	1.398
225 Professional Services	0.000	0.000	0.130	0.130	0.000	0.000	0.100	0.100
226 Insurances and Licenses	0.000	0.000	0.120	0.120	0.000	0.000	0.000	0.000
227 Travel and Transport	0.982	0.000	2.147	3.129	0.909	0.000	2.897	3.806
228 Maintenance	0.090	0.000	0.706	0.797	0.108	0.000	1.195	1.303
282 Miscellaneous Other Expenses	0.040	0.000	0.120	0.160	0.000	0.000	0.150	0.150
Output Class : Outputs Funded	0.100	0.000	0.100	0.200	0.050	0.000	0.250	0.300
262 To international organisations	0.100	0.000	0.100	0.200	0.050	0.000	0.250	0.300

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Output Class : Capital Purchases	9.580	0.000	2.520	12.100	9.580	0.000	0.530	10.110
312 FIXED ASSETS	9.580	0.000	2.520	12.100	9.580	0.000	0.530	10.110
Grand Total :	21.573	0.000	18.396	39.970	21.251	0.000	26.590	47.841
Total excluding Arrears	21.573	0.000	18.396	39.970	21.251	0.000	26.590	47.841

VII. Budget By Programme And Subprogramme

Table V7.1: Past Expenditure Outturns and Medium Term Projections by Programme and SubProgramme

Billion Uganda shillings	FY 2016/17 Outturn	FY 2017/18		2018-19 Proposed Budget	Medium Term Projections			
		Approved Budget	Spent By End Dec		2019-20	2020-21	2021-22	2022-23
06 Standards Development, Promotion and Enforcement	0.000	39.970	6.331	47.841	54.405	60.980	66.044	71.746
01 Headquarters	0.000	27.870	5.554	37.732	42.503	46.719	51.761	57.437
0253 Support to UNBS	0.000	12.100	0.777	10.110	11.901	14.260	14.284	14.309
52 Quality Assurance and Standards Development	10.581	0.000	0.000	0.000	0.000	0.000	0.000	0.000
01 Headquarters	8.593	0.000	0.000	0.000	0.000	0.000	0.000	0.000
0253 Support to UNBS	1.989	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Total for the Vote	10.581	39.970	6.331	47.841	54.405	60.980	66.044	71.746
Total Excluding Arrears	10.581	39.970	6.331	47.841	54.405	60.980	66.044	71.746

VIII. Programme Performance and Medium Term Plans

Table V8.1: Programme Outcome and Outcome Indicators (Only applicable for FY 2018/19)

Programme :	06 Standards Development, Promotion and Enforcement		
Programme Objective :	To provide standards, measurements and conformity assessment services for improved quality of life for all.		
Responsible Officer:	Dr. Ben Manyindo		
Programme Outcome:	Efficient and effective UNBS.		
<i>Sector Outcomes contributed to by the Programme Outcome</i>			
N/A			
Outcome Indicators	Performance Targets		
	2018/19	2019/20	2020/21
	Target	Projection	Projection
N / A			
Programme Outcome:	Fair trade and consumer protection		
<i>Sector Outcomes contributed to by the Programme Outcome</i>			
1. Increased productivity in the manufacturing industry.			
	Performance Targets		

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Outcome Indicators	2018/19	2019/20	2020/21
	Target	Projection	Projection
• Level of prevalence of substandard imported and locally produced products on the Ugandan Market	54%	50%	45%
• Level of public awareness on the importance of standards and quality assurance	1,000	1,100	1,200
SubProgramme: 01 Headquarters			
<i>Output: 01 Administration</i>			
No. of staff administered	300	330	363
<i>Output: 02 Development of Standards</i>			
No. of standards developed	400	440	500
<i>Output: 03 Quality Assurance of goods & Lab Testing</i>			
No. of Product Certification permits issued	1000	1200	1400
No. of product samples tested	15000	17000	20000
Number of profiled imported consignments inspected	140000	150000	160000
Number of market inspections conducted	3000	3500	4000
<i>Output: 04 Calibration and verification of equipment</i>			
No. of measurement equipment calibrated	3000	3300	3600
No. of measurement instruments verified	800000	880000	970000

IX. Major Capital Investments And Changes In Resource Allocation

Table 9.1: Major Capital Investment (Capital Purchases outputs over 0.5Billion)

FY 2017/18		FY 2018/19
Appr. Budget and Planned Outputs	Expenditures and Achievements by end Dec	Proposed Budget and Planned Outputs
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<i>Program : 06 06 Standards Development, Promotion and Enforcement</i>		
Development Project : 0253 Support to UNBS		
Output: 06 06 72 Government Buildings and Administrative Infrastructure		
Review of the construction plan, design of the construction plan and construction of the food safety and engineering laboratories	UNBS has already procured a consultant and a contractor. So far the MFPED has released 4.3 billion and the balance 4.6 billion expected in Q4. The construction is expected to start in February 2018 and be completed in December 2019	Food safety laboratories (Micro-Biology and Chemistry) constructed.
Total Output Cost(Usht Thousand)	9,369,775	134,088
Gou Dev't:	8,520,000	79,583
Ext Fin:	0	0
A.I.A:	849,775	54,505
Output: 06 06 75 Purchase of Motor Vehicles and Other Transport Equipment		
		6,000,000
		5,470,000
		0
		530,000

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Two(2) double cabin pick ups and a mobile calibration truck procured	Procured 2 double cabin pickups and paid 30% of the Calibration Truck. Delivery is expected in Q4.	3 Station wagon, 3 Field vehicles (Double Cabins) procured and 2 Motor cycles	
Total Output Cost(Ushs Thousand)	1,100,000	530,747	1,400,000
Gou Dev't:	600,000	286,847	1,400,000
Ext Fin:	0	0	0
A.I.A:	500,000	243,900	0
Output: 06 06 76 Purchase of Office and ICT Equipment, including Software			
Procurement of a power stabilizer unit, 70 desktop computers, 1 power backup, 2 projectors, 10 laptops, 30 VOIP Phones, 5 visual audio tools and networking of 10 UNBS sites.	Procured 26 laptops 1 backup systems 15 cameras 60 UPSs 50 computers 20 Telephone handsets	40 Desktop computers 20 smart phones/Tablets software purchase for data bases 3 projectors Electronic Document Management System (EDMS) One DR Backup site 9 Networked UNBS Sites Manufacturers E-Registration	
Total Output Cost(Ushs Thousand)	720,000	709,875	1,000,000
Gou Dev't:	200,000	199,530	1,000,000
Ext Fin:	0	0	0
A.I.A:	520,000	510,345	0
Output: 06 06 77 Purchase of Specialised Machinery & Equipment			
Procurement of electricity meter benches, PCB vacuum pressure balance, Oscilloscope time counter calibrator, portable pressure digital true pressure indicator, voltage current resistance calibrator, infrared calibration furnace and fractional weight sets.	Procurement process is still ongoing	Electricity Meters Test Bench 3-Phase Voltage stabilizer Calibration of Master Meter Elcometer 2 Digital vernier calipers 2 Digital micrometer screw gauges 4 Tape measures 2 Lazer beam operated thermometers 2 Digital cameras Assorted items	
Total Output Cost(Ushs Thousand)	600,000	400,182	1,500,000
Gou Dev't:	100,000	90,879	1,500,000
Ext Fin:	0	0	0
A.I.A:	500,000	309,303	0

X. Vote Challenges and Plans To Improve Performance

Vote Challenges

- Additional funding of UGX 10 BN for recruitment of additional staff to undertake standards enforcement and the decentralization program.
- Additional funding of UGX 5 BN to support MSME certification so as to support exports especially to regional markets.
- Fast tracking the construction of the 3 laboratories to support the National Quality Infrastructure.

Plans to improve Vote Performance

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- (i) Collaboration with other MDAs
- (ii) Automation of processes
- (iii) Decentralization of more two UNBS services (certification & surveillance) to the regional offices(Mbarara, Gulu ,Mbale)
- (iv) Motivation of the current staff

XI. Vote Cross Cutting Policy And Other Budgetary Issues

Table 11.1: Cross- Cutting Policy Issues

Issue Type:	HIV/AIDS
Objective :	To host a health camp every year
Issue of Concern :	HIV/AIDS and Hepatitis B
Planned Interventions :	Testing, counseling and vaccination
Budget Allocation (Billion) :	0.013
Performance Indicators:	Number of staff tested and counseled. Number of staff vaccinated
Issue Type:	Gender
Objective :	To implement affirmative action for SMEs owned by vulnerable groups (women,youth and PWDs)
Issue of Concern :	Small and Micro Enterprises (SMEs) owned by women, Youth and the disabled
Planned Interventions :	Capacity building on implementation of standards and testing of samples.
Budget Allocation (Billion) :	0.020
Performance Indicators:	Number of SMEs trained Number SMEs samples tested.
Issue Type:	Environment
Objective :	To implement ISO 14001 through training and certification
Issue of Concern :	Environmental protection
Planned Interventions :	Training MSMEs on implementation of ISO 14001. Certification and renewal Industries implementing ISO 14001.
Budget Allocation (Billion) :	0.020
Performance Indicators:	Number of Industries issued ISO 14001 certificate. Number of SMEs trained in implementation of ISO 14001.

Table 11.2: AIA Collections

<i>Source of AIA(Ush Bn)</i>	2017/18 Budget	2017/18 Actual by Dec	2018/19 Projected
Sale of publications	0.840	0.031	0.170
Inspection Fees	10.839	11.458	26.350
Miscellaneous receipts/income	6.717	0.022	0.070
Total	18.396	11.511	26.590

XII. Personnel Information

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Table 12.1 Staff Recruitment Plan

Post Title	Salary Scale	No. Of Approved Posts	No Of Filled Posts	Vacant Posts	No. of Posts Cleared for Filling FY2018/19	Gross Salary Per Month (UGX)	Total Annual Salary (UGX)
Driver	UNBS 8	44	41	3	3	2,773,821	33,285,852
Manager Legal Metrology	UNBS 3	1	0	1	1	8,067,031	96,804,372
Manager Standards	UNBS 3	1	0	1	1	8,126,423	97,517,076
Standards officer	UNBS 6	417	100	317	17	48,263,493	579,161,916
Total		463	141	322	22	67,230,768	806,769,216