



PROJECT

“Development of a Robust Standardization, Quality Assurance, Accreditation and Metrology (SQAM) Infrastructure in Malawi”

UNDP Project ID

00083913

SECOND QUARTER PROGRESS REPORT (1 April – 30 June 2018)

Malawi Bureau of Standards
(MBS)

July 2018

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ACRONYMS

AWP	Annual Work Plan
CTA	Chief Technical Advisor
ERP	Enterprise Resource Planning
GoM	Government of Malawi
ICT	Information and Communications Technology
IE	International Expert
ISO	International Standards Organization
MBS	Malawi Bureau of Standards
MDGs	Millennium Development Goals
MGDS	Malawi Growth and Development Strategy
MoITT	Ministry of Industry, Trade and Tourism
NE	National Expert
NML	National Metrology Laboratory
Norad	Norwegian Agency for Development Cooperation
NQI	National Quality Infrastructure
NQP	National Quality Policy
NQS	National Quality Strategy
Q	Quarter
SADCAS	Southern African Development Community Accreditation Services
SME	Small and Medium sized Enterprise
SQAM	Standardization, Quality, Accreditation and Metrology
TBT	Technical Barriers to Trade
ToRs	Terms of Reference
UNDAF	United Nations Development Assistance Framework
UNDP	United Nations Development Programme
UNIDO	United Nations Industrial Development Organization
WB	World Bank
WTO	World Trade Organization

A. Executive Summary

The objective of the “Development of a robust Standardization, Quality Assurance, Accreditation and Metrology (SQAM) Infrastructure” Project is to enhance the ability to export goods from Malawi by reducing the need for re-testing, re-inspection and re-certification abroad through the acceptance of measurements, tests and conformity assessment results issued in Malawi.

This progress report aims at presenting status of implementation of the project to UNDP on the activities under the National Implementation by MBS under the responsibility of UNDP. This Progress Report covers activities which the MBS carried out in the second Quarter of 2018 according to the approved 2018 Annual Work Plan (AWP). The reporting period for the Quarter under review is from 1 April to 30 June 2018. The main activities implemented in this Quarter have been summarized as follows:

Under Output 1

The trainings in food testing were concluded by the training on analysis of elements in water. Two (2) MBS officers (Mr. M. Mtuta and Mr. P. Yesaya) were the ones who attended the training. The training was undertaken at National Laboratory Association of South Africa from 18 to 22 June 2018. The training was more of theory rather than practical and more practical will be considered upon acquiring of the Inductively Coupled Plasma Mass Spectrometer (ICP-MS) equipment.

Under Output 3

The construction works were at 72% completion as of 30 June 2018. The official completion date for the construction works was 1 July 2018 but the deadline has not been met. The Contractor is in process of submitting the proposal for extension of the completion period.

The assessors from the SADCAS conducted pre-assessment of product certification system – ISO 17065:2012 and management systems certification – ISO 17021 on 28 May 2018. Six (6) gaps were identified in addition to the ones for document review and the MBS addressed the gaps and the corrective actions were submitted to SADCAS. The MBS also addressed all non-conformities which were identified by the assessors from the accreditation body during the initial assessment of the scope of aflatoxin under testing laboratories and mass weighing instruments (0 – 200g) under calibration laboratories. The MBS submitted the corrective actions of the non-conformities, to the accreditation body for clearance in June 2018. The MBS also applied for the extension of scope on mass pieces (1mg – 500mg, E2 class) on 12 June 2018 and the second scope of microbiology on 14 June 2018. The accreditation body acknowledged receipt of the applications. On site assessments would follow after document review.

The Certified Reference Materials and peripherals were procured and awaiting delivery at the MBS. The procurement of X-Ray Fluorescence, Oil Analyzer and Inductively Coupled Plasma is under way. Bids were evaluated, and Purchase Orders will be issued soon.

Technical specifications for Laboratory Information Management Systems were developed and its procurement is dependent on availability of funds.

Under Output 6

Technical assistance to Small and Medium-sized Enterprises (SMEs) on quality management system and food safety management system is at an advanced stage. The MBS conducted stage 2 audits on ISO 9001 at the companies from 13 to 19 June 2018 and all companies were recommended for certification after addressing the non-conformities (NCs) within one month. The assessors from SADCAS will witness surveillance audits to determine competence of MBS auditors. Successful audits will reward MBS with accreditation in management system certification.

The NE, Mr. Rex Nyahoda, is providing technical support to companies based on the to-do-list agreed upon with the IE (Anya Knoetze). The NE has supported the companies on finalizing most of the pre-requisites programmes, system documents and the remaining part is HACCP which is yet to be completed before end of quarter 3 of 2018. Application for certification will follow.

Preparations for the study tour at Standards Association of Zimbabwe (SAZ) are at an advance stage. Three (3) MBS Officers will go for a study tour to Standards Association of Zimbabwe (SAZ), Harare, in Q3. The Officers who are involved in the study tour are: Mr. Steve Kamuloni, Director of Quality Assurance Services; Mr. Wanangwa Sindani, Deputy Director of Quality Assurance Services – Certification and Inspection; and Mr. Patrician Kondowe, Senior Management Systems Certification Officer.

Under Output 8

Programme management meetings, Steering Committee meeting, Regular operational management activities and other meetings were undertaken to ensure close follow up on status of activities and quality assurance for the activities. CTA provided guidance in the day-to-day management of the project.

B. Situational Background/Context

There is a clear need for rapid and sustainable economic growth if Malawi is to achieve the Millennium Development Goals (MDGs) and the overall objective of poverty reduction on a meaningful scale. Trade, as recognized by the Malawi Growth and Development Strategy (MGDS) II, has the potential to be an engine for growth that can lift many Malawians out of poverty.

Malawi's Standardization, Quality Assurance, Accreditation and Metrology (SQAM) infrastructure is currently inadequate to support the growth in exports envisaged by the MGDS II. The MBS is the National Enquiry Point (NEP) required by the World Trade Organization (WTO) under the Agreement on Technical Barriers to Trade (TBT). MBS sets and implements standards and conducts conformity tests on selected imports and exports. However, certificates from MBS are not recognized everywhere and exporters incur high costs to obtain certification overseas. More generally, MBS has very limited infrastructure to meet demands for the provision of SQAM services within Malawi.

To address these issues, the SQAM Project intends to achieve accreditation of the conformity assessment services of the MBS, contributing to an efficient and adequate National Quality Infrastructure (NQI) in Malawi by December 2018. This will have direct benefits for Malawian enterprises, and indirect, long-term benefits for Malawian citizens in terms of improved protection of consumer rights.

The SQAM Project is funded by EU, UNDP and the Government of Malawi (GoM), the Lead Implementing Partner for the project is MBS. Financial and Management oversight is provided by the UNDP whilst UNIDO provides technical support and international procurement.

The SQAM Project is aligned with the MGDS II as well as the United Nations Development Assistance Framework (UNDAF) 2012-2016. The project will contribute to poverty reduction through the achievement of UNDAF Outcome 1.2, "Women, youth, people with disability and households benefit from decent employment, income generation and pro-poor private sector growth by 2016," under Theme 1, "Sustainable and equitable economic growth and food security" (the UNDAF was extended for 2 years, from 2016 to 2018). More directly, the project lies into UNDAF Output 1.2.2 that aims at improving Malawi's access to international and regional markets.

C. Assessment of Project Results during the Reporting Period

This progress report aims at presenting status on implementation of project activities under the National Implementation by MBS under the responsibility of UNDP. This report covers activities which the MBS carried out in the second quarter of 2018 from 1 April to 30 June 2018. The MBS was also involved in activities being implemented by UNIDO, specifically, procurement of equipment/ services and recruitment of experts on missions and so, progress on such activities will also be reported. The table that follows presents a status of implemented in the period under review.

Output 1: Strengthened capacity of the Malawi Bureau of Standards to deliver business services and achieve financial sustainability	
ACTIVITY	STATUS
1.0 National Quality Policy [MoIT/UNDP component] <ul style="list-style-type: none"> • National Quality Strategy (NQS) 	<ul style="list-style-type: none"> • This activity was completed, and targets were met as per the project document. However, follow up on the implementation of the NQS is being done by the Ministry of Industry, Trade and Tourism outside the SQAM project.
1.2 Review and set-up of organizational structures, service delivery procedures and knowledge management within MBS [MBS component] <ul style="list-style-type: none"> • Enterprise Resource Planning (ERP) 	<ul style="list-style-type: none"> • The status has not changed regarding the number of modules that are operational. Only one module is working (then accounting module). The supplier is demanding extra payment for any work to be done on the system to make the other modules operational. • The MBS will submit a substantive report to the Steering Committee emphasizing on the following: <ol style="list-style-type: none"> (a) Report on which modules are working and not as per contract; (b) The Contract document including the signatories to the contract agreement; (c) Any breaches to the Contractual agreement with supplier, TECHNOBRAIN; and (d) Any outstanding payments to the supplier. • The report will determine the recommendation on next actions.

Output 1: Strengthened capacity of the Malawi Bureau of Standards to deliver business services and achieve financial sustainability	
ACTIVITY	STATUS
<ul style="list-style-type: none"> Formulate new MBS Strategic Plan (2017 to 2021) as successor for 2011-2016) 	<ul style="list-style-type: none"> The 2017 – 2022 Strategic Plan was approved by the Board in November 2017 and it is under implementation. However, preparation for the launch of the Strategic Plan is underway. CTA and PMU provided inputs to the Strategic Plan Workshop strategy. The MBS intends to launch the Strategic Plan in August 2018 at Sunbird Mount Soche Hotel.
1.3 Market survey on the demand for testing and calibration in Malawi	<ul style="list-style-type: none"> This activity was completed in August 2017. <ul style="list-style-type: none"> (a) The Market survey helped to identify new markets for the MBS, gaps of the MBS in terms of equipment required as well as the capacity of MBS personnel and therefore; consider the appropriate equipment and services to serve the industry better. (b) The mapping of laboratory landscape helped to come up with profile for the laboratories in Malawi and locate them. No further action is required in this phase of the project. However, the next phase can consider working with the laboratories to help them acquire international recognition (accreditation).
1.4 Preparation of a business plan and monitoring system for MBS	<ul style="list-style-type: none"> This activity will be implemented together with activity 1.5.
1.5 Development of a “Marketing Unit” within MBS	<ul style="list-style-type: none"> Discussions continued on the recruitment of a local consultant based on the work done by MBS. The MBS will recruit a local consultant to develop a Marketing Strategy for the MBS in Q3 of 2018.
1.6 Enhancement and updating of MBS website	<ul style="list-style-type: none"> The MBS website, www.mbsmw.org, is operational and being updated regularly.
1.7 Preparation and implementation of a “training plan” for MBS [MBS/UNIDO component]	<ul style="list-style-type: none"> The training of MBS Officers on “Analysis of elements in water” was undertaken at National Laboratory Association of South Africa, in Pretoria, from 18 to 22 June 2018. Two (2) MBS officers (Mr. M. Mtuta and Mr. P. Yesaya) were the ones who attended the training. The training was more of theory rather than practical and more practical will be considered upon acquiring of the Inductively Coupled Plasma Mass Spectrometer (ICP-MS) equipment. The project team is arranging with the suppliers of the

Output 1: Strengthened capacity of the Malawi Bureau of Standards to deliver business services and achieve financial sustainability

ACTIVITY	STATUS
	Inductively Coupled Plasma to provide the hands-on training to the MBS technicians to build capacity and close the gap.

Output 2: Technical Regulations Reviewed to promote efficient, effective and accountable Delivery of information in accordance with SQAM legislation and regulations

ACTIVITY	STATUS
2.1 Documentary and field survey of the Malawian situation with regards to technical regulations and enforcement. [MBS/UNIDO component]	<ul style="list-style-type: none"> The National Consultant completed a documentary and field survey of Malawi Technical Regulations, Standards and Conformity Assessment procedures. The report is expected to be validated by end of November 2018.
2.2 Awareness campaigns and training on "Better regulation". [MBS/UNIDO component]	<ul style="list-style-type: none"> This activity was finalized in 2015 Q1.
2.3 Data gathering on TR, analysis and consolidation.	<ul style="list-style-type: none"> This activity is being done together with activities 2.1 and 4.1 and it has already been reported under 2.1 above.
2.4 Preparation of a strategy and a plan for the institutionalization of "Better Regulation" in Malawi. [MBS/UNIDO component]	<ul style="list-style-type: none"> A draft Strategy and a Plan for the institutionalization of "Better Regulation" in Malawi is expected to be adopted in a validation workshop. The validation workshop for the draft strategy is yet to be arranged by the MBS.

Output 3: Structurally enhances capacity of the Malawi Bureau of Standards for conformity assessment services

ACTIVITY	STATUS
3.1a Construction of the Metrology Building (MBS Laboratory Complex) at Chichiri Site. <i>The Maone site aspect has now been clarified and is not part of the present SQAM Project but it will be considered in future projects such as the now emerging concept of SQAM Phase II.</i> [MBS/GoM component]	<ul style="list-style-type: none"> The construction works were at 72% completion as of 30 June 2018. The official completion date for the construction works was 1 July 2018 but the contractor has indicated that the deadline will not be met. The Contractor is in process of submitting the proposal for extension of the completion period.

Output 3: Structurally enhances capacity of the Malawi Bureau of Standards for conformity assessment services	
ACTIVITY	STATUS
<p>3.1b Develop within MBS an accredited product certification body – ISO 17065 [MBS/UNIDO component]</p>	<ul style="list-style-type: none"> • The accreditation body (SADCAS) submitted the document review report on product certification – ISO 17065:2012 to MBS on 20 May 2018. This report contains seventeen (17) comments and seventeen (17) recommendations. The recommendations present gaps that MBS ought to address prior to application for an initial assessment. • The assessors from the SADCAS conducted pre-assessment of product certification system – ISO 17065:2012 on 28 May 2018. 6 gaps were identified in addition to the ones for document review and the MBS addressed the gaps and the corrective actions were submitted to SADCAS for clearance. • Independent assessment of MBS testing laboratories based on ISO 17025 requirements as part of the requirements of ISO 17065 for product certification (bottled water) is underway. The Polytechnic was contracted to conduct the assessment. The assessment commenced in June 2018 and the it is expected to be completed in Q3.
<p>3.2 Develop within MBS a management systems certification body for ISO 9001 and ISO 22000 / HACCP [MBS/UNIDO component]</p>	<ul style="list-style-type: none"> • The accreditation body (SADCAS) submitted the document review report on management system certification – ISO 17021 to MBS on 20 May 2018. The report contains sixteen (16) comments and twenty-four (24) recommendations. The recommendations present gaps or non-conformances that MBS ought to address. • The assessors from the SADCAS conducted pre-assessment of on Management systems certification – ISO 17021 on 28 May 2018. 6 gaps were identified in addition to the ones for document review and the MBS addressed the gaps and the corrective actions were submitted to SADCAS for clearance.
<p>3.3 Upgraded and accredited testing laboratories in MBS [MBS/UNIDO component]</p> <p>Accreditation</p>	<ul style="list-style-type: none"> • The international expert (IE) in accreditation and conformity assessment, Dr Mike Peet, provided

Output 3: Structurally enhances capacity of the Malawi Bureau of Standards for conformity assessment services

ACTIVITY	STATUS
<p>Procurement of laboratory equipment</p>	<p>technical assistance to MBS regarding addressing of the non-conformities which were identified by the assessors from the accreditation body. The support from the IE was through a work session that was undertaken at Hapuwani Village Lodge, in Mulanje, on 9 and 10 May 2018.</p> <ul style="list-style-type: none"> • The MBS submitted the corrective actions of the non-conformities, which were identified during the assessments on aflatoxin, to the accreditation body in June 2018. • The MBS applied for the second scope of microbiology on 14 June 2018 and the accreditation body acknowledged receipt of the application. On site assessments would follow after document review. • This is an international component anchored by UNIDO. • The status on procurement and delivery of equipment in Q2 is as follow. <ol style="list-style-type: none"> a) The Certified Reference Materials (CRMs) & Peripherals were procured and have been shipped to Malawi, delivery date at the MBS is early July 2018. b) UNIDO is awaiting transfer of funds from UNDP to complete the procurement process of the following equipment: X-Ray Fluorescence (XRF), Inductively Coupled Plasma (ICP) and Oil Analyser, Bids for the equipment were already evaluated. The transfer of funds was dependent on the Inter Agency Agreement (IAA) between UNDP and UNIDO reflecting the updated instalment schedule. The IAA has been signed by UNDP and sent to UNIDO and the MBS expects that the procurement processes will be expedited. c) The MBS submitted the draft Technical Specifications (TS) for the Laboratory Information Management System (LIMS) to UNIDO for consideration. UNIDO revised the TS and procurement will be considered depending on availability of funds.

Output 3: Structurally enhances capacity of the Malawi Bureau of Standards for conformity assessment services	
ACTIVITY	STATUS
<p>3.4 Upgraded and Accredited Calibration Laboratories in MBS</p> <p>Accreditation</p>	<ul style="list-style-type: none"> • Dr. Mike Peet also provided technical assistance to MBS on addressing of the NCs in a work session that took place on 9 and 10 May 2018 in Mulanje. The MBS submitted the corrective actions of the non-conformities, which were identified during the assessments on mass weighing instruments, to the accreditation body in June 2018. • The MBS submitted application for the extension of scope of mass pieces (1mg – 500mg) on 12 June 2018.
<p>3.5 Develop a training business unit. [MBS/UNIDO component]</p>	<ul style="list-style-type: none"> • The MBS intends to pursue implementation of this activity from quarter 3 of 2018.
<p>3.6 Develop a Business Unit to manage a pool of Malawian Auditors. [MBS/UNIDO component]</p>	<ul style="list-style-type: none"> • The MBS intends to pursue implementation of this activity from quarter 3 of 2018.
<p>3.7 Collaboration with the Malawi Laboratory Association to strengthen the association as an integral part of the national quality infrastructure, notably in view of testing and calibration services [MBS (UNDP)]</p>	<ul style="list-style-type: none"> • This activity was concluded in 2014. This activity triggered the mapping of the laboratories in Malawi.

Output 4: Strengthened, Proactive and Responsive National Enquiry Points (NEP) To the Information and Notification Requirements Of WTO/TBT/SPS Agreements	
ACTIVITY	STATUS
<p>4.1 Identify, store, update, create and use the information on foreign Technical Regulations (TR), standards and conformity assessment dispositions of countries that import from Malawi [MBS/UNIDO component]</p>	<ul style="list-style-type: none"> • This activity is being undertaken together with activity 2.1. • The National Consultant completed a documentary and field survey of Malawi Technical Regulations, Standards and Conformity Assessment procedures. • The report is expected to be validated by end of November 2018.

Output 5: Sanitary and Phytosanitary (SPS) Infrastructure Improved and Mainstreamed into National Policies	
ACTIVITY	STATUS
5.1 Review the national SPS infrastructure [MBS/UNIDO component]	<ul style="list-style-type: none"> This output was concluded in 2016, however, the expected results, in terms of the development of the Food Safety Law, were not achieved. This was being continued under another project in the Ministry of Industry, Trade and Tourism (MoITT) “<i>Malawi Programme for Aflatoxin Control (MAPAC)</i>”. The Ministry of Industry, Trade and Tourism is following up on the progress of the activity.
5.2 Develop a road map to improve the Malawian SPS infrastructure. [MBS/UNIDO component]	
5.4 Review and upgrade the legislation for the SPS infrastructure [MBS/UNIDO component]	

Output 6: Capacity of Small and Medium Sized Enterprises (SME), and particularly women and youth led enterprises, strengthened to comply with quality requirements	
ACTIVITY	STATUS
6.1 Preparation of an overall training and technical assistance programme for SMEs, in particular female and youth headed SMEs	<ul style="list-style-type: none"> This activity was concluded in 2015.
6.2 Technical assistance to 15 SMEs, in particular female and youth headed SMEs, to comply with HACCP / ISO 22000 Food safety management systems [MBS/UNIDO component]	<ul style="list-style-type: none"> The SQAM Project is providing technical assistance on ISO 22000 to Project Peanut Butter, Linga Winery and Ethanol Company. The NE Rex Nyahoda is providing technical support to companies based on the to-do-list agreed upon with the IE (Anya Knoetze). The NE has supported the companies on finalizing most of the pre-requisites programmes, system documents and the remaining part is HACCP which is yet to be completed before end of quarter 3 of 2018. Application for certification will follow.
6.3 Technical assistance to 10 SMEs, in particular female and youth headed SMEs, to comply with ISO 9001 Quality management systems.	<ul style="list-style-type: none"> The SQAM Project is providing technical assistance on ISO 9001 to Capital Oil Refining Industry (CORI), Flowtech Ltd, Promat Ltd and Mzuzu Coffee.

Output 6: Capacity of Small and Medium Sized Enterprises (SME), and particularly women and youth led enterprises, strengthened to comply with quality requirements	
ACTIVITY	STATUS
[MBS/UNIDO component]	<ul style="list-style-type: none"> • The auditors from the MBS conducted stage 2 audits at the companies as follows: <ul style="list-style-type: none"> (a) On 13 and 14 June 2018 at Capital oil refining Industries, Promat and Flowtech limited and, (b) On 18 and 19 June 2018 at Mzuzu Coffee. • All companies were recommended for certification after addressing the non-conformities (NCs) within one month. • The assessors from the accreditation body will witness the surveillance audits which will be conducted by the MBS auditors to assess the competence of MBS auditors for the MBS to acquire international recognition (accreditation).
6.4 Other type of quality requirements in export markets. Technical assistance to SMEs. Note: Implemented in terms of a value chain approach	<ul style="list-style-type: none"> • This activity was concluded in 2017 Q2.
6.5 Trainers-cum-counselors and auditors: Training in HACCP / ISO 22000 Food safety management systems.	<ul style="list-style-type: none"> • This activity was concluded in Q3 2016.
6.6 Training in ISO 9001 Quality management systems for trainers-cum-counsellors and auditors.	<ul style="list-style-type: none"> • This activity was concluded in Q3 2016.
6.7 Trainers-cum-counsellors: Training in "Initiating quality improvement in selected sectors"	<ul style="list-style-type: none"> • Preparations for the study tour to be undertaken at Standards Association of Zimbabwe (SAZ). 3 MBS Officers will go for a study tour on 2 to 6 July 2018. • Three Officers who are involved in the study are: <ul style="list-style-type: none"> (a) Mr. Steve Kamuloni, Director of Quality Assurance Services, (b) Mr. Wanangwa Sindani, Deputy Director of Quality Assurance Services – Certification and Inspection, and (c) Mr. Patrician Kondowe, Senior Management Systems Certification Officer.
6.8 Awareness seminars: ISO 14000 Environment management systems;	<ul style="list-style-type: none"> • This activity was completed in November 2016.

Output 6: Capacity of Small and Medium Sized Enterprises (SME), and particularly women and youth led enterprises, strengthened to comply with quality requirements	
ACTIVITY	STATUS
GLOBALG.A.P. (Good Agricultural Practice)	
6.9 Trainers-cum-counsellors and auditors: Training in ISO/IEC 17025	<ul style="list-style-type: none"> This activity was concluded in Q3 2016.

Output 7: MBS Compliant with International Regulations established	
ACTIVITY	STATUS
7.1 TA for the preparation of the organizational ad operational bylaws and business plan for the Malawian accreditation body. [MBS/UNIDO component]	<ul style="list-style-type: none"> This activity was concluded in 2015 Q2

Output 8: Programme Management	
ACTIVITY	STATUS
8.1 Operational Management Team [UNDP/MBS/UNIDO component] <ul style="list-style-type: none"> Salaries for project staff. Insurance for equipment. Consumables- Office Supplies Vehicle costs (normal use and maintenance) Audit 	<ul style="list-style-type: none"> All these were being supported by the project.
8.2 Communications and Visibility <ul style="list-style-type: none"> Communication and Visibility (Plan), 	<ul style="list-style-type: none"> There are plans to come up with a joint video production between the SQAM and MATCB projects in Q3 of 2018. The video will capture the following: <ol style="list-style-type: none"> Capacity of the MBS, Best services for the MBS, Benefits to the private sector, Actions on what the projects has achieved, etc.
8.3 Programme Assurance, Coordination and Management	

Output 8: Programme Management	
ACTIVITY	STATUS
<ul style="list-style-type: none"> • Quarterly Steering Committee (SC) Meetings and Monthly Project Management Meetings In accordance with project schedule • 2018 Annual Work Plan (AWP) 	<ul style="list-style-type: none"> • The 37th Monthly Project Management meeting was held via teleconference at UNDP-Lilongwe, MBS-Blantyre and UNIDO-Vienna, on Friday, 27 April 2018, at 09:00Hrs. • 38th Monthly Project Management Meeting was held at UNDP in Lilongwe, on Tuesday, 5 June 2018. • The 17th Steering Committee meeting was held at Ministry of Industry, Trade and Tourism, in Zimbabwe House, on Wednesday, 6 June 2018. • Regular operational management activities and other meetings were also undertaken. • CTA provides day-to-day project management guidance. • The revised 2018 AWP for January to December was approved by the Steering Committee in the meeting that was held on 6 June 2018. The AWP was signed by all parties and is under implementation.

D. Financial Status and Utilization

Table 1: Expenditure by Output (Quarter 2 – as of 30th June 2018)

UNDP TRAC

Activity	Fund Source	Budget (MK)	Available Resources	Expenditure	Balance	Delivery Rate
Output 1: Strengthened capacity	Donor 00012	0.00	0.00	0.00	0.00	0.00%
Output 8: PROGRAMME MANAGEMENT	Donor 00012	733,950.00	780,805.28	780,805.28	0.00	100.00%
Bank Charges						
TOTAL		733,950.00	780,805.28	780,805.28	0.00	100.00%

EU

Activity	Fund Source	Budget (MK)	Available Resources	Expenditure	Balance	Delivery Rate
Output 2: Technical Regulations	Donor 10159	8,440,425.00	4,262,563.82	0.00	4,262,563.82	0.00%
Output 6: Capacity of SMEs	Donor 10159	7,339,500.00	4,908,018.81	4,908,018.81	0.00	100.00%
Output 8: PROGRAMME MANAGEMENT	Donor 10159	10,789,065.00	13,281,940.54	12,700,100.54	581,840.00	95.62%
TOTAL		26,568,990.00	14,556,171.60	9,711,767.78	4,844,403.82	66.72%
GRAND TOTAL		27,302,940.00	14,958,280.79	10,113,876.97	4,844,403.82	67.61%

*Data contained in this report is an extract from the Financial Reports submitted to UNDP on a monthly basis.

During quarter 2 the project was at 67.61% delivery rate.

Table 2: Expenditure by Output (Year to date – as of 30th June 2018)

UNDP TRAC

Activity	Fund Source	Budget (MK)	Available Resources	Expenditure	Balance	Delivery Rate
Output 1: Strengthened capacity	Donor 00012	0.00	0.00	0.00	0.00	0.00
Output 8: PROGRAMME MANAGEMENT	Donor 00012	733,950.00	780,805.28	780,805.28	0.00	100.00%
Bank Charges						
TOTAL		733,950.00	780,805.28	780,805.28	0.00	100.00%

EU

Activity	Fund Source	Budget (MK)	Available Resources	Expenditure	Balance	Delivery Rate
Output 2: Technical Regulations	Donor 10159	8,440,425.00	4,262,563.82	0.00	4,262,563.82	0.00%
Output 6: Capacity of SMEs	Donor 10159	7,339,500.00	4,908,018.81	4,908,018.81	0.00	100.00%
Output 8: PROGRAMME MANAGEMENT	Donor 10159	10,789,065.00	13,281,940.54	12,700,100.54	581,840.00	95.62%
TOTAL		26,568,990.00	22,452,523.17	17,608,119.35	4,844,403.82	78.42%
GRAND TOTAL		27,302,940.00	23,233,328.45	18,388,924.63	4,844,403.82	79.15%

*Data contained in this report is an extract from the Financial Reports submitted to UNDP on a monthly basis.

Cumulatively, the project was at 79.15% delivery rate.

E. Achievements

The achievements that have been registered in the quarter under review are as follows.

1. Pre-assessment of product certification – ISO 17065 and management systems certification – ISO 17021. Gaps in the systems were identified by the assessors from the accreditation body and the MBS addressed the gaps as per recommendations from the assessors.
2. All gaps that were identified by the assessors from the accreditation body regarding testing laboratories (aflatoxin) and calibration laboratories (mass weighing instruments) were addressed and submitted to the accreditation body for clearance. Application of additional scope of microbiology under testing laboratory and extension scope of 1mg to 500mg mass were submitted to the accreditation body.
3. The stage 2 audits to the companies on ISO 9001 were successfully undertaken. Surveillance audits will be witnessed by the assessors from the accreditation body in Q3.

F. Challenges and Lessons Learnt

The national implementation faced the following main challenges the quarter under review:

1. The construction works were at 72% as of 30 June 2018. The official completion date of 1 July 2018 has not been met. The contractor is in process of negotiating with Malawi Government for a new expected date of completion. There are indications that the earliest completion date might be end of December 2018. The completion date for the construction works has a great impact on the relocation plan from the current MBS premises to the new MBS laboratory complex
2. The certification of the companies on quality management systems – ISO 9001 is at advanced stage. However, certification on food safety management systems – ISO 22000 has delayed. The project management team has extended support to the national expert to fast track the certification programme on ISO 22000.

G. Conclusion and Recommendations

The SQAM project is progressing well. The trainings in food testing were concluded by the training on analysis of elements in water. The training was undertaken at National Laboratory Association of South Africa from 18 to 22 June 2018. The construction works were at 72% completion as of 30 June 2018. The official completion date for the construction works was 1 July 2018 but the deadline has not been met. The Contractor is in process of submitting the proposal for extension of the completion period.

The assessors from the SADCAS conducted pre-assessment of product certification system – ISO 17065:2012 and management systems certification – ISO 17021 on 28 May 2018. MBS addressed the gaps and the corrective actions were submitted to SADCAS for clearance. The MBS also addressed all non-conformities which were identified by the assessors from the accreditation body during the initial assessment of the scope of aflatoxin and mass weighing instruments (0 – 200g). The MBS submitted the corrective actions of the non-conformities, to SADCAS for clearance in June 2018. The MBS also applied for the scope extension for mass pieces (1mg – 500mg) on 12 June 2018 and the second scope of microbiology on 14 June 2018. The accreditation body acknowledged receipt of the applications. On site assessments would follow after document review.

The MBS conducted stage 2 audits on ISO 9001 at the companies from 13 to 19 June 2018 and all companies were recommended for certification after addressing the non-conformities (NCs) within one month. The assessors from SADCAS will witness surveillance audits to determine competence of MBS auditors. Successful audits will reward MBS with accreditation in management system certification.

The Project Management Team is confident of achieving most of the targets specified in the project document by the end of the project.

H. Future Work Plan

The 2018 Q3 Work Plan has been developed to guide the stakeholders of the project on activities that have been planned for implementation in Q3 and it has been attached as annex 1 for reference.

Signature:

Date:

Willy Muyila,
National Project Coordinator

For: DIRECTOR GENERAL- MBS

Annexes:
Annex I – 2018 Q3 Work Plan

2018 SQAM Q3 WORK PLAN - Draft

ACTIVITIES FOR NATIONAL IMPLEMENTATION ONLY							
PLANNED ACTIVITIES	TIME FRAME			RESPONSIBLE PARTY	PLANNED BUDGET		
	JUL	AUG	SEP		Sources of Funds	Budget Description	Amount(MK)
OUTPUT 1: Strengthened capacity of the Malawi Bureau of Standards to deliver business services and to achieve financial sustainability							
1.0 National Quality Policy - on going activity Tasks Implementation of the NQS (MoIT) Note: This is an ongoing activity. No funds allocated to this activity.							
1.2 Review and set-up of organizational structures, service delivery procedures and knowledge management within MBS. Tasks:				MBS, MoIT, UNDP			-
1.7 Preparation and implementation of a "training plan" for MBS. Tasks: Support in country logistics for ISO 17025:2017 training.							
				MBS	EU	75700-Training, workshops & confer	-
Sub Total							0
OUTPUT 2: Technical Regulations reviewed to promote efficient, effective and accountable delivery of information in accordance with SQAM legislation and regulations							
2.1 Documentary and field survey of the Malawian situation with regards to technical regulations and enforcement.				MBS, MoITT	EU	71300 Local consultant	

Task: 1. Provision for local consultant to support MBS to undertake survey on all technical regulations. 2. Validation workshop to be undertaken after completion of the consultancy (to utilize funds from supported under output 8)							
2.4 Preparation of a strategy and a plan for the institutionalization of "Better Regulation" in Malawi Tasks: 1. Draft Strategy to be adopted in a validation workshop (Need to share the draft strategy with the stakeholders), after adoption by regulator there must be consideration of the notification of regulations				MBS, UNDP, UNIDO	EU	75700-Training, workshops & confer	1,500,000
						71600-Travel	1,000,000
Sub Total							2,500,000
OUTPUT 3: Structurally enhanced capacity of the Malawi Bureau of Standards for conformity assessment services							
3.1b Develop within MBS an accredited product certification body. Task: 2. Implementation of ISO 9001 and ISO 19011 trainings for members of the certification, impartiality and appeals resolution committees. 3. Independent assessment of MBS testing laboratories based on ISO 17025 requirements as part of the requirements of ISO 17065 for product certification (bottled water)				MBS	EU		
3.2 Develop within MBS a management systems certification body for: - ISO 9001 (quality management systems); - ISO14001 (environmental management systems); ISO 22000 (food safety management systems) Task: 2. ISO 9001 and ISO 19011 trainings for members of the certification, impartiality and appeals resolution committees.					EU		
					UNDP TRAC	75700 - Trainings, workshops and conferences	2,000,000
3.3 Upgraded and accredited testing laboratories in MBS. Tasks:				MBS, UNDP	EU		-

4. Interacting with the Accreditation body to address the non-conformities. Assessment by the accreditation body on additional scope							
3.4 Upgraded and accredited calibration laboratories in MBS.				MBS, UNIDO	EU		-
Task:							
3. Interacting with the Accreditation body to address the non-conformities. Assessment by the accreditation body on extension of the scope.				MBS, UNIDO	EU		
Sub Total							2,000,000.00
OUTPUT 4: Strengthened, proactive and responsive National Enquiry Points (NEP) to the information and notification requirements of WTO/TBT/SPS agreements							
OUTPUT 5: Sanitary and Phytosanitary (SPS) Infrastructure Improved and Mainstreamed into National Polices							
OUTPUT 6: Capacity of Small and Medium Sized Enterprises (SME), and particularly women and youth led enterprises, strengthened to comply with quality requirements							
6.2 Technical assistance to 15 SMEs, female and youth headed SMEs, to comply with HACCP / ISO 22000 Food safety management systems.				MBS, UNIDO, UNDP	EU	71600-Travel	
Tasks:							
1. Support in country logistics on Technical Assistance to companies through NE in support of implementation of ISO 22000 systems on Cohort 1 SMEs (UNIDO)							
6.3 Technical assistance to SMEs, female and youth headed SMEs, to comply with ISO 9001 Quality management systems.				MBS, UNIDO	EU	71600-Travel	
Tasks:							
1. Support in country logistics on Technical Assistance to companies through NE in support of implementation of ISO 9001 systems on Cohort 1 SMEs (UNIDO)							

1. Study tour for selected SMEs and MBS managers to FSMS/HACCP implementing enterprises in the SADC region Noted: This activity is linked to activity 6.4.							
Sub Total							-
OUTPUT 7: MBS compliant with International Regulations established							
OUTPUT 8: PROGRAMME MANAGEMENT							
8.1 Operational Management Team				MBS, UNDP	EU	74500 - Miscellaneous	45,000
						72500 - Supplies	561,000
						73400 - Rental & Maintenance	294,180
8.2 Communications and Visibility				MBS/UNDP	EU		
1. Production of Quarterly SQAM Newsletters, jingles, center spread newspaper advert, production of stickers.						74200 - Communications and Audiovisual	4,000,000
2. Industrial awareness seminars on new equipment of MBS and MBS's current capacity in all 3 regions (Blantyre, Lilongwe and Mzuzu)						75700 - Training, Workshops and Confer	2,000,000
6. Press release, radio and TV jingles and airing.							
8.3 Programme Assurance, Coordination and Management				MBS, UNDP	UNDP	72300 - Fuel	386,400
Support on programme management meetings						72400 - Communication & Audio Visual	135,780
						72500 - Supplies	60,500
						75700-Training, workshops & confer	600,000

						72100 Contractual Services	240,000
Sub Total							8,322,860
Grand Total							12,822,860

Annex II Project Monitoring Tool

CP Component _____

Implementing Partner: Malawi Bureau of Standards (MBS)

With cumulative achievements to date

EXPECTED CP OUTPUTS AND INDICATORS INCLUDING ANNUAL TARGETS	PLANNED ACTIVITIES <i>List all the activities including monitoring and evaluation activities to be undertaken during the year towards stated CP outputs</i>	EXPENDITURES <i>List actual expenditures against activities completed</i>	RESULTS OF ACTIVITIES <i>For each activity, state the results of the activity</i>	PROGRESS TOWARDS ACHIEVING CP OUTPUTS Using data on annual indicator targets, state progress towards achieving the CP outputs. Where relevant, comment on factors that facilitated and/or constrained achievement of results including: <ul style="list-style-type: none"> - <i>Whether risks and assumptions as identified in the CP M&E Framework materialized or whether new risks emerged</i> - <i>Internal factors such as timing of inputs and activities, quality of products and services, coordination and/or other management issues</i>
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Output 1: Strengthened capacity of the Malawi Bureau of Standards to deliver business services and to achieve financial sustainability

<p>1.1 Number of National Quality Policies (NQP), fast-tracked and approved by Cabinet.</p> <p>Baseline: 1 draft</p> <p>Target: 1 approved National Quality Policy.</p>	<p>1.1 Support to National Quality Policy implementation</p> <ul style="list-style-type: none"> - Support to the Ministerial task team in the implementation of the NQS. (MoIT). 		<p>1 The public and the private sector are aware of their roles in the Quality Infrastructure through the National Quality Policy which was developed and shared with all stakeholders.</p>	<ol style="list-style-type: none"> 1. National Quality Policy (NQP) was developed, launched, printed and distributed. 2. National Quality Strategy (NQS) was launched. NQS printed and distributed. 3. National Quality Strategy Coordination Committee (NQSCC) was established.
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<p>1.2 Level of increased organizational effectiveness of MBS</p> <p>Baseline: 1 Functional Review undertaken; 1 New Strategic Plan developed.</p> <p>Target: MBS revised structure and procedures created and operationalized.</p> <p>1.3 Percentage increment of business services per year provided to Malawian organizations, both public and private,</p> <p>Baseline: 100 Standards developed, 142 Certified products and Services, 3046 Samples Tested, 800 Verification Audits - Metrology Services)</p> <p>Target: 30 % increase in services/per year</p>	<p>1.2 Review and set-up of organizational structures,</p> <ul style="list-style-type: none"> - Review quantitative data (e.g. from annual reports) and analysis as basis for indicators (MBS) - Confirm/adjust the baseline for this indicator (MBS) - Implementation of recommendations and findings from functional review (MBS) - Formulate new MBS strategic plan (2016 to 2020) as successor for 2011-2016) as implementation plan for recommendations provided through various IE's on SQAM project through National Consultant, provision for: 		<ol style="list-style-type: none"> 1 Improved operations at the MBS due to restructuring of positions. 2 Improved work conditions for MBS staff. 3 Overall, the revenue of MBS increased from 626 Million MKW in the financial year 2011/2012 to about 3.9 Billion MKW in the financial year 2017/2018 showing an average annual increase of 30% over the last 5 years. 4 The Testing Services Department has experienced the growth of samples tested from 3,046 in 2012/2013 financial year to 11,165 samples tested in 2016/2017 surpassing the target of 30% increase per year. The verification audits have increased from 800 to 1,364 while the certification of products and services increased from 142 to 327 in the same period. 	<ol style="list-style-type: none"> 1. Baseline indicators reviewed and confirmed. 2. Functional Review and Job Evaluation was done. Now under implementation. An implementation team was set up; an implementation plan was developed; staff and salary placement were done. 3. Procurement and installation of the Enterprise Resource Planning (ERP) system was done. 4. The MBS 2017 – 2021 Strategic Plan was developed and approve (under implementation).
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<p>Note: MBS position is that this is achievable. MBS Strategic Plan provides for similar indicators.</p> <p>1.4 Percentage increase in revenue growth per year</p> <p>Baseline: 20%/year</p> <p>Target: 30%/year</p> <p>Note: Current growth is 30% (DFA), MBS position is that this is achievable. MBS Strategic Plan provides for similar indicators.</p>	<p>1.3 Market survey on the demand for testing and calibration in Malawi</p> <ul style="list-style-type: none"> - Mapping of Malawi Laboratory landscape (MBS) 		<ol style="list-style-type: none"> 1 Equipment for testing labs have been procured based on demand on the market. 2 Laboratory landscape in Malawi is clear to the stakeholders. 	<ol style="list-style-type: none"> 1 The survey on market demand for testing and calibration in Malawi was completed and it is a key informant to the required fixed equipment by MBS. 2 Mapping of the laboratory landscape was also finalized to provide the public with information private and public laboratories in Malawi, the services offered as well as their status in terms of international recognition.
	<p>1.4 Preparation of a business plan and monitoring system for MBS.</p> <ul style="list-style-type: none"> - Implementation by MBS of recommendations as outlined in the 2015 Visser report through incorporation of these in MBS strategic plan 2016-2020 (MBS) 			<ol style="list-style-type: none"> 1 Addressed in 2017-2021 MBS Strategic Plan but it is yet to be implemented.
	<p>1.5 Development of a "marketing unit" within MBS.</p> <ul style="list-style-type: none"> - MBS to adopt marketing strategy and policy, by Q2 (MBS) - Marketing unit established, and marketing materials regularly produced, by Q4 (MBS) 			<ol style="list-style-type: none"> 1 Addressed in 2017-2021 MBS Strategic Plan. Implementation to follow.

	1.6 Enhancement and updating of MBS website		1 Stakeholders can bet information they want from the MBS anytime they want on the website. It is a requirement for accreditation that the MBS as certification body maintains complete and updated information about its certification processes and it is important to reflect it on the MBS website.	1 MBS Website was developed. Regular updates are required.
	1.7 Preparation and implementation of a "training plan" for MBS. - Out-of-country training in food safety testing subject to procurement waiver for IFSTL, USA.		1. Improved services offered by the MBS following the trainings undertaken.	1 Four Out-of-Country training for Testing Services Department (TSD) in “ <i>Methods of Determination for Pesticide Residues</i> ”; “ <i>Microbiological Methods for Meat and Poultry</i> ” and “ <i>Methods of Determination for Drug Residues in Fish, Meat, and Poultry</i> ” were successfully undertaken at International Food Safety Training laboratory (IFSTL) – University of Maryland in USA. 2 Training on analysis of elements in water was undertaken at National Laboratory Association of South Africa.
Output 2: Technical Regulations reviewed to promote efficient, effective and accountable delivery of information in accordance with SQAM legislation and regulations				

<p>2.1 Number of Technical Regulations reviewed and aligned to International regulations and legislation</p> <p><u>Baseline:</u> 8;</p> <p><u>Target:</u> 12</p>	<p>2.1 Documentary and field survey of the Malawian situation with regards to technical regulations and enforcement.</p> <ul style="list-style-type: none"> - Provision for local consultant to support (MBS) 			<ol style="list-style-type: none"> 1. A Consultant was engaged. Contract was issued. 2. Consultations are underway, to be completed by end of Q1.
<p>2.2 Number of organizations promoting clear technical regulations</p> <p><u>Baseline:</u> 8;</p> <p><u>Target:</u> 12</p>	<p>2.2 Awareness campaigns and training on "Better regulation."</p>		<ol style="list-style-type: none"> 1. The MBS is now conversant with development of Technical Regulations in line with international best practices. This because of the technical assistance provided by an International Expert in Risk Management Approach towards Technical Regulations, combined with training of key Malawian stakeholders. 	<ol style="list-style-type: none"> 1. This activity was completed in 2015

	<p>2.3 Data gathering on Technical Regulation, analysis and consolidation; and development of a database for Technical Regulation</p> <ul style="list-style-type: none"> - 1. Local consultants to support specifically the aspect of the data base and information management system development where such database includes provisions related to the SPS/TBT enquiry points and notifications (ref. Output 4) (MBS) - 2. Provision for IT equipment (MBS) 		<p>1. Information on Technical Regulations is available on the trade portal and stakeholders re can access the information they want regarding technical regulations even for other countries</p>	<p>1. The data base for Technical Regulations is already available on the Malawi Trade Portal.</p> <p>2. IT equipment (server) was procured and was delivered at MBS.</p>
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	<p>2.4 Preparation of a strategy and a plan for the institutionalization of "Better Regulation" in Malawi</p> <ul style="list-style-type: none"> - Provision for support to prepare a strategy/ review of the SADC Regulatory Impact Assessment Framework and an implementation plan and actions for the institutionalization of "Better Regulation" related to the strategy (e.g. Regulators Committee Meetings/ workshops) (MBS) - Provision for support to the implementation actions related to the strategy (MBS) - Commence TR review through the Food Sector Risk Advisory Group as a pilot phase (MBS). - Support Malawi delegation in participation of international TBT/SPS committees (UNIDO) - Study tour to established NEP (MBS/UNIDO) 		<p>1. The MBS is now able to act effectively as a National Enquiry Point (NEP) and to notify international bodies about technical regulations as they are being developed as a result from the study tour by MBS officers at the Uganda National Bureau of Standards. A significant milestone was the drafting and submission of 15 TBT notifications of draft Malawi standards to the WTO, which were approved and circulated to the Member States for comments.</p>	<p>1. The participation of the MBS in Sanitary and Phytosanitary (SPS) meeting from 24th to 27th October 2016 and the Technical Barriers to Trade (TBT) meeting from 7th to 11th November 2016 in Geneva Switzerland.</p> <p>2. The draft Strategy was developed and was adopted by the Regulators' Committee</p> <p>3. Study tour to an established NEP was undertaken.</p>
Output 3: Structurally enhanced capacity of the Malawi Bureau of Standards for conformity assessment services				
<p>3.1 Number of Metrology Institutes constructed</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u>1</p>	<p>3.1 (a) Construction of the Metrology building</p> <ul style="list-style-type: none"> - Scope of work: new MBS complex at Chichiri. 			<p>1. The contract with Terrastone, the Contractor of the new MBS Laboratory complex, was signed on 25th April 2016.</p> <p>2. Over 73% of the construction works of the new MBS Laboratory Complex was completed.</p>

<p>3.2 Percentage increase in demand and supply of MBS business services (standards, training services, testing and calibration).</p> <p><u>Baseline:</u> 21%/year; <u>Target:</u> 30% /year</p> <p>3.3 Number of accreditations granted by an accreditation body full member of IAF.</p> <p><u>Baseline:</u> 0; <u>Target:</u> 1</p> <p>3.4 Number of MBS management systems certification body accreditations granted by an accreditation body full member of IAF for the international standards; ISO</p>	<p>3.1 (b) Develop within MBS an accredited product certification body</p> <ul style="list-style-type: none"> - 1 Redress gaps established during pre-assessment of ISO 17065 management system by IE (MBS). - 2. Select 30 companies from the existing MBS Product (Permit) Certification Scheme for introduction of the Product Certification System based on ISO 17065 requirements and implement the Product Certification System based on ISO 17065 on selected companies(MBS) 			<ol style="list-style-type: none"> 1. The development of ISO 17065 and ISO 17021 system documentation was completed. 2. The training on Migration of ISO 9001:2008 to ISO 9001:2015, the training on ISO 19011:2011 Guidelines on Auditing Management (Internal Auditor Training) and Lead Auditor training on ISO 22000 have been completed 3. Selection of companies was done. 4. Internal audits for MBS system was undertaken. 5. Impartiality committee, Appeals and resolution committee, and Certification committee are available. 6. Applications for accreditation were submitted to the accreditation body. Dates for the assessment are yet to be communicated by the accreditation body (SADCAS). 7. Pre-assessment was done by SADCAS and gaps which were identified were closed.
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<p>9001, ISO 22000 and HACCP.</p> <p>Note: HACCP certification is not a recognized accreditation</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 1</p> <p>3.5 Number of MBS testing laboratories accreditation granted by an accreditation body full member of ILAC for the international standards.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 2</p> <p>3.6 Number of MBS calibration laboratories accreditation granted by an accreditation</p>	<p>3.2 Develop within MBS a management systems certification body for ISO 9001 and ISO 22000 / HACCP</p> <ul style="list-style-type: none"> • ISO 9001 (quality management systems); • ISO14001 (environmental management systems); • ISO 22000 (food safety management systems) <ul style="list-style-type: none"> - Implementation of ISO 17021 system in preparation for accreditation application: <i>Note: at least 2 QMS to be certified before accreditation and at least 2 QMS to be ready for assessors' witnessing</i> - ISO 9001 and ISO 19011 trainings for members of the certification, impartiality and appeals resolution committees. - Accreditation services provided by an accreditation body full member of IAF.(UNIDO) 		<p>1. Assisted companies are aware of ISO 22000 and ISO 9001 systems.</p>	<p>1. Impartiality committee, Appeals and resolution committee, and Certification committee are available.</p> <p>2. Stage 1 audits on ISO 9001 certification was done.</p> <p>3. Applications for accreditation were submitted to the accreditation body. Dates for the assessment are yet to be communicated by the accreditation body (SADCAS).</p> <p>4. Pre-assessment was done by SADCAS and gaps which were identified were closed.</p>
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<p>body full member of ILAC for the international standards.</p> <p>Baseline: 0; Target: 2</p> <p>3.7 Number of MBS training units established</p> <p>Baseline: 0; Target: 1</p>	<p>3.3 Upgraded and accredited testing laboratories in MBS.</p> <ul style="list-style-type: none"> - Prepare final cycle procurement plan (MBS/UNIDO) - Management system for the application the ISO/IEC 17025. Document review (MBS) - IE to do pre-assessment (UNIDO) - Initiate quality control/ compliance activities to address gaps: <ul style="list-style-type: none"> o Calibration of equipment o Reference materials o Environmental conditions o Proficiency testing (MBS currently participating in PT schemes in support of pilot phase scope) (MBS) 		<ol style="list-style-type: none"> 1. Improved MBS services in testing following availability of state of the art equipment procured by the project and trainings undertaken. 2. The scope of Aflatoxin was recommended for accreditation after the MBS addresses the non-conformities within 3 months. 	<ol style="list-style-type: none"> 1. The pre-assessment of ISO 17025 system documentation at the MBS Testing Services Department (TSD) was conducted. The identified gaps were closed. 2. Several equipment were procured, installed and are operational e.g. <ol style="list-style-type: none"> a. High Performance Liquid Chromatography (HPLC), b. Atmospheric Distillation Analyzer, Aflatoxin Reactor and Reference materials, c. Ion Chromatograph, d. 1,500 KN Universal Testing Machine (UTM), e. Weighbridge Testing Truck with forklift and weights (1000kg x30, 20kg x10, 2kg x10 and 1kg x10), f. 2,500 tone Workshop crane, g. 2,500 liters Proving Tank, h. Master Flow Meter, i. High sensitive Mass Comparators with mass pieces and data loggers, j. UHPLC. k. Water purification equipment. 3. Participation in PT Schemes will be considered in 2017. 4. Some methods are ready for accreditation e.g. Aflatoxin. 5. Application for accreditation of aflatoxin was done Site assessment by the accreditation body was done on 19th and 20th March
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				<p>2018. Non-conformities were addressed and submitted to SADCAS for clearance.</p> <p>6. Application for accreditation of microbiology was submitted to SADCAS on 14 June 2018.</p>
	<p>3.4 Upgraded and accredited calibration laboratories in MBS.</p> <ul style="list-style-type: none"> - Prepare final cycle procurement plan (MBS/UNIDO) - Commissioning of mobile equipment procured, including verification processes, field tests, etc. 		<ol style="list-style-type: none"> 1. Improved services for the MBS in calibration and verification services following availability of state of the art equipment procured by the project and trainings undertaken. 2. The scope of Aflatoxin was recommended for accreditation after the MBS addresses the non-conformities within 3 months. 	<ol style="list-style-type: none"> 1. Mass equipment was procured and delivered at MBS Metrology Services Department. The equipment is operational. Mass Equipment include: Manual Mass Comparators and mass pieces). 2. Commissioning of mobile equipment was done; ownership of equipment was transferred to MBS. 3. Application for accreditation on mass weighing instruments (0 – 200g) was done. Site assessment by the accreditation body was done on 26th and 27th March 2018. Non-conformities were addressed and submitted to SADCAS for clearance. 4. Application for the extension of mass pieces (1g – 500g) was submitted to SADCAS on 12 June 2018.
	<p>3.5 Enhance the MBS training business unit mainly for management systems standards, complying with ISO 29990.</p>			<ol style="list-style-type: none"> 1.
	<p>3.6 Establish a pool of Malawian Auditors.</p>			<ol style="list-style-type: none"> 1.

	3.7 Collaboration with the Laboratory Association of Malawi (LAM) to strengthen the association as an integral part of the national quality infrastructure, notably in view of testing and calibration services			1. Collaboration with LAM is there. This activity was concluded in 2014.
Output 4: Strengthened, proactive and responsive National Enquiry Points (NEP) to the information and notification requirements of WTO/TBT/SPS agreements				
4.1 Number of databases established and made available to the public that provide all Malawi	4.1 Identify and create a database of Malawi technical regulations (TR), drafted and approved national standards			1. Remaining tasks are being done together with activities 2.1 and 2.3.

<p>technical regulations (TR), drafted and approved national standards.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 1 (Database is available – The Trade Portal)</p> <p>4.2 Number of TR notified during the drafting stage.</p> <p><u>Baseline:</u> 1</p> <p><u>Target:</u> 100%</p> <p>4.3 Number of publicly accessible services for exporting companies on foreign TR, standards and conformity assessment dispositions of countries that import from Malawi.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 1</p>	<p>4.2 Identify, store, update, create and use the information on foreign TR, standards and conformity assessment dispositions of countries that import from Malawi</p>		<p>1. Information on Technical Regulations is available on the trade portal and stakeholders re can access the information they want regarding technical regulations even for other countries</p>	<p>1. The Malawi Trade Portal was developed.</p>
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<p>Output 5: Sanitary and Phytosanitary (SPS) infrastructure improved and mainstreamed into National polices</p>				
<p>5.1 Number of SPS infrastructure action</p>	<p>5.1 Review the national SPS infrastructure (focus on food safety, MBS</p>			<p>1. This was concluded with a report which was developed by Food and Agriculture Organization (FAO) on the</p>

<p>plans approved and implemented</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 1</p> <p>5.2 Number of Reports on the review and upgrade of SPS legislation in Malawi discussed and approved by stakeholders.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 1</p>	<p>5.2 Develop a road map to improve the Malawian SPS infrastructure.</p> <ul style="list-style-type: none"> - Continuation of FAO actions to develop the draft food safety law. (UNIDO) 			<p>Food Safety Legislation. The report was accepted without any amendments.</p> <p>2. The target for the Project (Development of the Food Safety Legislation) was not achieved. This is being completed through another project. The Ministry of Industry, trade and Tourism would monitor the progress.</p>
<p>Output 6: Capacity of Small and Medium Sized Enterprises (SME), and particularly women and youth led enterprises, strengthened to comply with quality requirements</p>				
<p>6.1 Number of HACCP / ISO 22000 Food safety management systems in place in a selected</p>	<p>6.1 Preparation of an overall training and technical assistance programme for SMEs, female and youth headed SMEs¹</p>			<p>1. This was concluded in 2015</p>

<p>number of SMEs.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 15</p> <p>6.2 Number of ISO 9001 Quality management systems in place in a selected number of SMEs.</p>	<p>6.2 Technical assistance to SMEs, female and youth headed SMEs, to comply with HACCP / ISO 22000 Food safety management</p> <ul style="list-style-type: none"> - Technical Assistance to companies through IE in support of implementation of ISO 22000 systems on Cohort 1 SMEs (UNIDO) 			<ol style="list-style-type: none"> 1. Technical Assistance to companies is in progress. 2. Documentation is still being developed. 3. The NE has supported the companies on finalizing most of the pre-requisites programmes, system documents and the remaining part is HACCP which is yet to be completed before end of quarter 3 of 2018.
<p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 10</p> <p>6.3 Number of SME able to comply with specific quality requirements in export markets.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 10</p> <p>6.4 Number of Trainers-cum-counsellors and auditors: training in HACCP / ISO 22000 Food safety management systems and approved as trainers and auditors.</p> <p><u>Baseline:</u> 0;</p> <p><u>Target:</u> 18</p>	<p>6.3 Technical assistance to SMEs, female and youth headed SMEs, to comply with ISO 9001 Quality management systems.</p> <ul style="list-style-type: none"> - Technical Assistance to companies through IE in support of implementation of ISO 9001 systems on Cohort 1 SMEs (UNIDO) 		<ol style="list-style-type: none"> 1. Companies are aware of ISO 9001 systems and are implementing it. 	<ol style="list-style-type: none"> 1. Technical Assistance to companies is in progress. 2. Documentation is ready. 3. National Expert was engaged to assist the companies. 4. Stage 1 audits were done in December 2017. 5. Internal Audit training to be undertaken in February 2018. 6. The auditors from the MBS conducted stage 2 audits at the companies as follows: On 13 and 14 June 2018 at Capital oil refining Industries, Promat and Flowtech limited and, On 18 and 19 June 2018 at Mzuzu Coffee. All companies were recommended for certification after addressing the non-conformities (NCs) within one month. 7. The assessors from the accreditation body will witness the surveillance audits to assess the competence of MBS auditors for the MBS to acquire international recognition (accreditation).

	6.4 Other type of quality requirements in export markets. Technical assistance to SMEs.			<ol style="list-style-type: none"> 1 Awareness campaign on migration of current MBS Product Certification Scheme to Product Certification Scheme following ISO 17065 requirements to the Bottled Water manufacturing companies were undertaken in April 2017. 2 The trainings on MS19 and MS21 to the managers from SMEs across the country i.e. 20 from each region were undertaken in June 2017.
	6.5 Trainers-cum-counsellors and auditors: Training in HACCP / ISO 22000 Food safety management systems.			<ol style="list-style-type: none"> 1. Training of Trainers and Auditors cum-Counsellors in ISO 22000 was completed in August 2016. What remains is to find out whether the objectives of the project on this activity were achieved.
	6.6 Training in ISO 9001 Quality management systems for trainers-cum-counsellors and auditors.			<ol style="list-style-type: none"> 1. Training of Trainers and Auditors cum-Counsellors in ISO 9001 was completed in August 2016. What remains is to find out whether the objectives of the project on this activity were achieved.

	<p>6.7 Trainers-cum-counsellors: Training in "Initiating quality improvement in selected sectors"</p>			<ol style="list-style-type: none"> 1 3 MBS Officers went for a study tour Standards Association of Zimbabwe (SAZ). The study tour took place from 2 to 6 July 2018. 2 The officers who were involved in the study are: Mr. Steve Kamuloni, Director of Quality Assurance Services; Mr. Wanangwa Sindani, Deputy Director of Quality Assurance Services – Certification and Inspection; and Mr. Patrician Kondowe, Senior Management Systems Certification Officer. 3 The MBS learnt a lot regarding the certification and accreditation processes. The MBS utilized the study tour to address all the gaps which the assessors from the accreditation body identified during pre-assessment.
	<p>6.8 Awareness seminars: ISO 14000 Environment management systems; GLOBALG.A.P. (Good Agricultural Practice)</p> <ul style="list-style-type: none"> - Seminar during World Standards Day (Oct 2016) - Seminars in Blantyre/Lilongwe/Mzuzu (MBS/UNIDO) 			<ol style="list-style-type: none"> 1. Global Gap seminars/ workshops were conducted. This activity was concluded.

	6.9 Trainers-cum-counsellors and auditors: Training in ISO/IEC 17025			1. Training of Trainers and Auditors cum-Counsellors ISO17025 was completed in August 2016. What remains is to find out whether the objectives of the project on this activity were achieved.
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