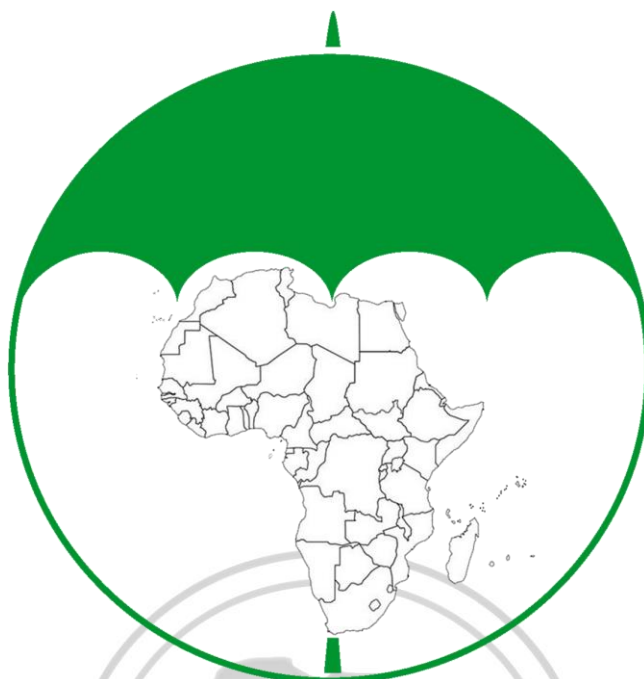


Request for Funding



REQUESTING ORGANIZATION	AFRICAN ORGANISATION FOR STANDARDISATION P. O. Box 57363 - 00200, NAROBİ, KENYA 3rd Floor, International House, Mama Ngina Street Tel: +254 20 2224561/3311608 E-mail: arso@arso-oran.org
REQUEST TITLE:	HARMONIZATION OF AFRICAN STANDARDS FOR BEEHIVE PRODUCTS AND SERVICES
DURATION OF PROJECT	18 MONTHS
TOTAL BUDGET	USD 141,582.00
FUNDING ORGANIZATION	INTERAFRICAN BUREAU FOR ANIMAL RESOURCES (AU-IBAR)

**ARSO Central Secretariat
Nairobi, Kenya
3rd October 2016**

6. Prioritized Standards for Beehive Products and Services

6.1 Priority Standards for Harmonization

Two sessions of physical meetings expected with the priorities based on the outputs of working groups in the Kigali meeting. An assessment of the priorities indicates that the two sessions can handle the work items as listed hereafter. Each session lasts a minimum of three days.

6.1.1 First Priority Standards

- (1) WD-ARS 1419:2016, *Honey — Specification*
- (2) WD-ARS 1403:2016, *Extracted honey — Specification*
- (3) WD-ARS 1401:2016, *Crude and refined beeswax — Specification*
- (4) WD-ARS 1408:2016, *Layout for honey processing plant*
- (5) WD-ARS 1418:2016, *Honey processing unit — Technical requirements*
- (6) WD-ARS 1421:2016, *Bee pollination services — Requirements and guidelines*
- (7) WD-ARS 1422:2016, *Organic honey certification — Requirements and guidelines*
- (8) WD-ARS 1423:2016, *Propolis, pollen and bee venom — Specifications*
- (9) ISO 12824:2016, *Royal jelly — Specifications* (adoption proposal)
- (10) WD-ARS 1414:2016, *Fumigant strips for treatment of honeybees*
- (11) WD-ARS 1415:2016, *Solar wax extractor — Specification*
- (12) WD-ARS 1416:2016, *Beeman's kit — Specification*

6.1.2 Second Priority Standards

- (1) WD-ARS 1402:2016, *Beehives — Specification*
- (2) WD-ARS 1404:2016, *Folding and fixed beehive stands — Specifications*
- (3) WD-ARS 1406:2016, *Tangential type honey extractor — Specification*
- (4) WD-ARS 1407:2016, *Comb foundation sheets — Specification*
- (5) WD-ARS 1409:2016, *Comb foundation mill — Specification*
- (6) WD-ARS 1410:2016, *Traveling bees-box — Specification*
- (7) WD-ARS 1411:2016, *Radial type honey extractor — Specification*
- (8) WD-ARS 1412:2016, *Conservation and maintenance of honeybees*
- (9) WD-ARS 1413:2016, *Wasp trap — Specification*
- (10) WD-ARS 1417:2016, *Package bee box — Specification*
- (11) WD-ARS 1420:2016, *Sustainability criteria for beekeeping and bee products*

6.2 Capacity Building: Trainings and Training Modules

The summary of the capacity building needs of the working groups include the following:

- (1) Basic trainings on beekeeping
- (2) Trainings on post- harvest management of beehive products
- (3) Specialized trainings on beekeeping, e.g., rearing queens
- (4) Training on scientific beekeeping
- (5) Honey harvesting, processing, value addition and storage training
- (6) Commercial management of apiaries (harvesting, processing, packaging and storage)
- (7) Record keeping
- (8) Manufacturing of beekeeping equipment
- (9) Quality control of honey
- (10) Pollination services

These capacity building services can be offered in collaboration with ARSO/AU-IBAR partners within agreed frameworks of AU-IBAR and ARSO.

6.3 Technical Services in Apiculture to Assure Quality

These are extension and technical services which were identified as important in improving the quality of beehive products and services. While preparation of outreach information will be substantially useful, AU-IBAR and ARSO need to explore the best modalities of approaching the issue.

- (1) Capacity building i.e. Farmers should be aware of the importance
- (2) Good analytic laboratories
- (3) Honey Inspectors (Extension, technical services)
- (4) Standard operating procedures and codes of practice
- (5) ISO Certification
- (6) Requirements for compliance to SPS measures
- (7) Biosecurity of hives

8. Implementation

The ARSO Secretariat proposes to address this using approaches which will address the standardization needs identified in the preceding section as follows:

8.1 Description of project components

The project will have three components targeting specific outputs which will feed into each other in sequence. The components will be organized as follows:

- (a) **Component 1:** Standards harmonization
- (b) **Component 2:** Outreach and Capacity Building Modules
- (c) **Component 3:** Modules on Technical Services to Assure Quality

8.1.1 Component 1: Standards harmonization

A standard is a document that provides requirements, specifications, guidelines or characteristics that can be used consistently to ensure that materials, goods, processes and services are fit for their purpose. A formal standard is usually established by consensus and approved by a

recognized body and is aimed at the achievement of the optimum degree of order in a given context.

Most African countries have recognized national standards bodies (NSBs) which facilitate the development of national standards for goods and services which are of national economic and social significance. National standards for specific products may not be compatible with those of other countries due to differences in quality, safety and environmental parameters. Such differences result in technical barriers to trade (TBTs) which are blamed for the low intra-African trade. In order to facilitate trade, the process of standards harmonization brings together experts from African countries who are tasked with analysing their national standards and developing unified parameters through consensus. The end result is that for each product, one harmonized African standard is produced which is applicable across the continent and hence the process can greatly contribute to boosting intra-African trade.

The implementation of this project shall use the African Standards Harmonization Model (ASHAM) which provides for the following sequence:

- (1) The Chairperson and Secretary of the Technical Working Group (TWG) are the prime movers of ARSO technical work in harmonization.
- (2) ARSO standardization work is intended to be a participatory process involving a wide range of stakeholders at the national and regional levels.
- (3) The ARSO Secretariat expects Member States to each constitute a National Mirror Committees based on their existing national Technical Committees) TCs. The committee will be critical in coordinating the national position of each Member State and carry out validation activities for data to inform the Member State's position.
- (4) The generation of Draft African Standards (DARS) shall be a shared responsibility between the leadership of the TWG and the ARSO Central Secretariat. The references for generation of DARS shall be obtained from standards developed at the national level, sub-regional (REC) level, international standards and other sources provided these standards cover products (goods and services) which are relevant to Member States. Integration groupings such as EU, ASEAN, CARICOM and their Member States may also provide useful references.
- (5) The circulation of DARS shall be a shared responsibility between the leadership of the TWG and the ARSO Central Secretariat. The TWG Secretary, in consultation with the Chairperson of the TWG may circulate DARS to TWG members or forward the DARS to the ARSO Secretariat for circulation to all Member States. The ARSO Secretariat shall remain the focal circulation point for all DARS and be responsible for ensuring that all Member States are given an opportunity to express their views on any DARS within the framework of ASHAM.
- (6) The National Standards Bodies (NSBs) shall use their standards development structures to carry out national consultations on DARS. Where National Mirror Committees have been constituted, they may be used to conduct national consultations.
- (7) National comments shall be channelled through the National Standards Bodies or organizations mandated to represent Member States in standardization work. The comments shall be submitted using the ARSO comments template (modified ISO comments template) which makes it possible to track and compare standards texts. The ARSO Comments Template is available for free download on the ARSO website.
- (8) Once the comments are submitted, the TWG Secretary shall compile the comments in accordance with the ISO/IEC Directives indicating the opinion of the Secretariat and resolving some comments where feasible. Where in the view of the Secretary and the Chairperson it is feasible, they can organize a webinar or other web-based conferencing tools to facilitate quick resolution of the comments.
- (9) Physical meetings shall be held to firm out consensus and progress the standards toward approval by the ARSO Council.
- (10) The African Standards harmonized shall include product standards, methods of test, codes of practice, good practices in apiculture and certification guidelines and criteria.
- (11) The harmonized standards will be designed to assist producers to run their business more efficiently, improve market access, improve the quality of their products and develop their enterprise profiles. This would consequently create

trade, as exporters who are able to meet the standards are more likely able to sell their products more easily, and reduce the production cost due to the improved efficiency.

- (12) The harmonized standards will require manufacturers to improve their natural resources management and this would consequently protect consumers from a full range of risks of invisible hazards, in terms of health and safety.

8.1.2 Component 2: Outreach and Capacity Building Modules

- (1) The purpose of this component is to develop simplified outreach standards material based on the harmonized African Standards on Beehive Products and Services in order to enhance the understanding and compliance with the standards.
- (2) Once the standards are approved, it will be necessary to prepare simplified outreach / dissemination materials targeting the relevant stakeholders. This is necessary in order to increase the uptake of standards and increase compliance. The technical nature of many standards has been identified as a major contributing factor to the low uptake and utilization of standards among African enterprises and communities. The situation is exacerbated by the fact that many African countries do not offer specialized expert interpretation of standards for implementers.
- (3) It will be useful to develop training materials and conduct training for various stakeholders such as beekeepers, consumers and traders of beehive products and services, manufacturers, regulators and policy makers, research institutions and academia. From the foregoing, it emerges that the harmonization of standards alone cannot sufficiently address the needs of the African people in terms of realizing the benefits of implementing the standards. Thus, there exists a gap in the simplification of the technical language of the standards to the level where the target population understands the principle requirements and underlying rationale of the standards and hence empowering them to deploy the standards in their operations.
- (4) The overall goal is to develop dissemination material which is simplified and illustrated in order to make it possible for all interested parties to effectively understand the content of the standards.

8.1.3 Component 3: Modules on Technical Services to Assure Quality

- (1) Modules on technical services shall be developed in order to address the capacity development needs of a spectrum of stakeholders to implement and enforce the harmonized standards as well as certification modules for certification personnel and bodies.
- (2) The modules shall focus on aspects which have a high multiplier effect and shall include:
 - (i) Selection of codes of good practices such as: Good practices, good Social Responsibility, good Environmental Sustainability practices and among other practices for development of training modules
 - (ii) Training modules on good practices, social and environmental responsibilities.
 - (iii) Certification modules

8.1.4 Conducting of training

A fourth component is envisaged once the training and certification modules are approved by the ARSO Conformity Assessment Committee (ARSO CACO). This component is not part of the current project but will be mobilized later.

9. Project component and budget

9.1 Expenses for meetings and other components

The project shall target to hold two physical meetings bringing together 20 African countries which have nominated experts to participate in the Apiculture Technical Working Group

established under the approved procedures of ARSO. Our expenditures are based on a least cost model taking Nairobi as the centre of operations. With a membership of 20 countries, we expect 1 delegate per country with the exception of Tanzania which will provide a Secretary and a Chairperson who assume neutrality/ARSO official position necessitating an additional person to voice the Tanzanian position.

Table 1: Project costs estimates

Components	RELATED ACTIVITIES	Total in USD
Component 1: Standards harmonization	Development of working drafts, committee drafts, public review drafts, balloting drafts, final draft standards	82,840
	Arranging and conducting technical committee meetings to deliberate on draft African Standards for purposes of achieving consensus	
	Translation of finalized African Standards into French and issuing original documents to African countries for adoption and implementation	23,000
	Harmonized African Standards and codes of practice for selected priority cosmetic and wellness products available in English and French	
Component 2: Outreach and Capacity Building Modules	Select key standards on beehive products and services for development of outreach and capacity building modules.	14,500
	Simplified outreach literature targeting various stakeholders available in English and French	
Component 3: Modules on Technical Services to Assure Quality	Development of Modules on Technical Services to Assure Quality	14,500
	Training modules on good practices in apiculture	
	Certification modules for apiculture	
Sub-Total		134,840
Contingency/Administrative (5%)		6,742
TOTAL		141,582

Table 2: THC Meeting Budgetary Breakdown (3-day meeting)

Aspect	Unit cost (USD)	Total (USD)
Air tickets	1000.00 × 22 × 1	22,000.00
Accommodation and daily allowances	150.00 × 20 × 4	12,000.00
Accommodation and daily allowances – Chair & Secretary	200.00 × 2 × 4	1,600.00
Conference package*	50.00 × 30 × 3	4,500.00
Transfers	30.00 × 22 × 2	1,320.00
Sub-Total		41,420.00
Grand Total for Two Meetings		82,840.00

* 4 staff from AU-IBAR and 4 staff from ARSO expected to participate in the meeting.

9.2 Management of Funds

ARSO takes cognizance of AU-IBAR's competence in the management of project funds. ARSO wishes to use this competence and coordinate with the relevant staff in AU-IBAR to take care of payments to delegates and conference facilities. Only the contingency amounts need to be paid to ARSO before or after the harmonization activities to take care of expenses incurred by ARSO.