

UNIDO's Trade Capacity Building Programme

AFRIMETS GENERAL ASSEMBLY

15-17 July 2009,
South Africa



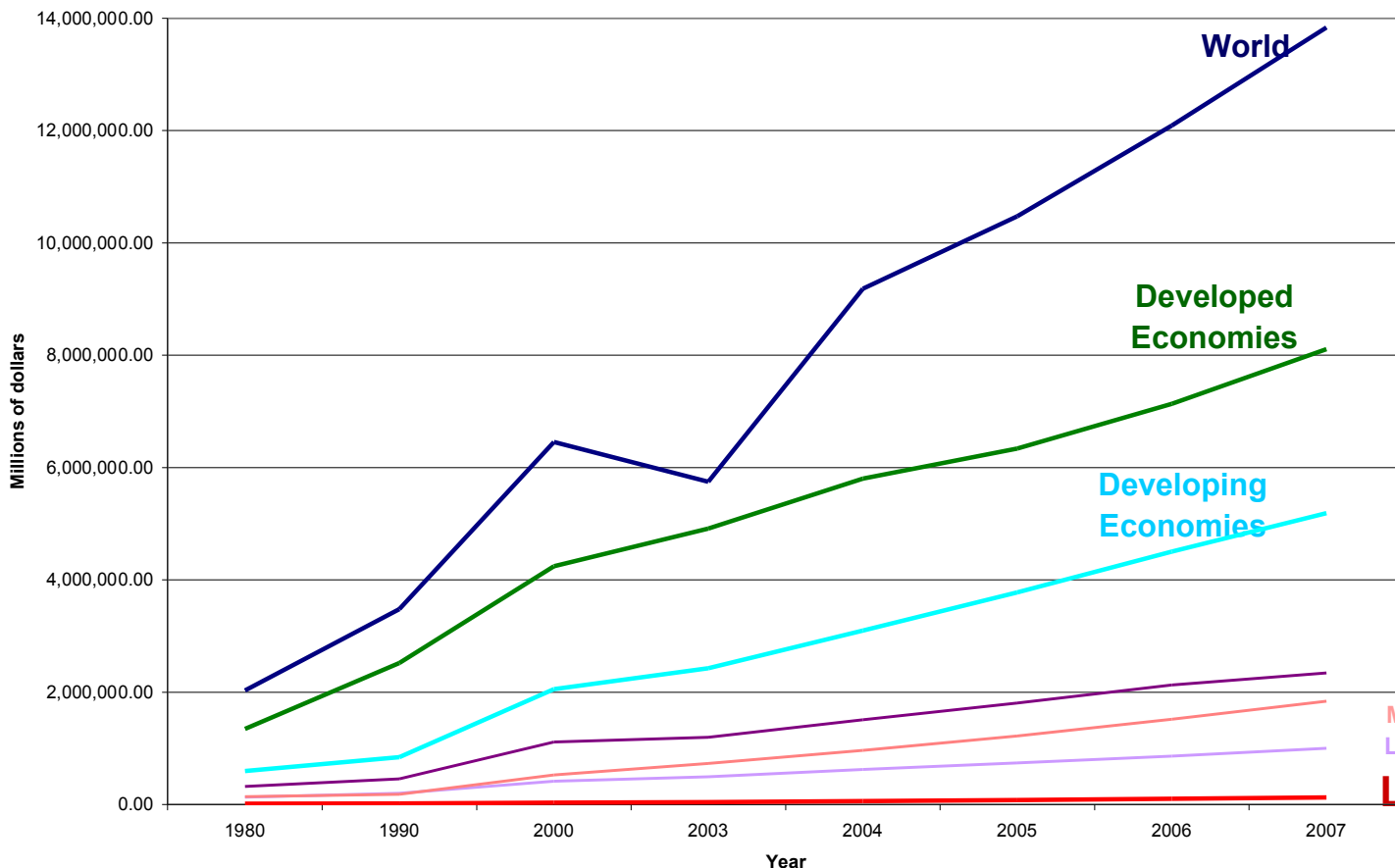
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INDUSTRIAL DEVELOPMENT ORGANIZATION

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Global Trade Growth & Marginalisation Concerns

World Exports, 1980-2007



Source: UNCTAD, Handbook of Statistics, 2008

High-Income developing countries
Middle-income developing countries
Low-income developing countries
LDCs

Over 90% of total world merchandise exports is in Industrial Goods (2004)

Potential
for export?





how?



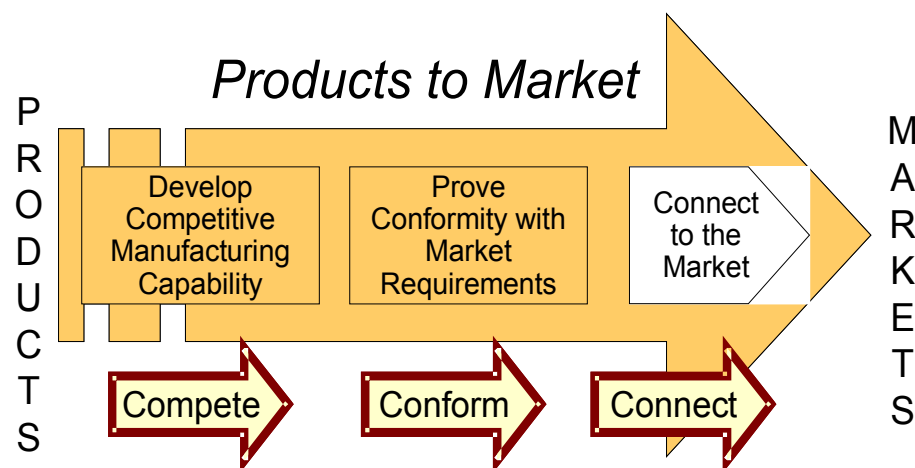
Integrating into Global Trade

3Cs

- ✓ *“Countries must have marketable products for exportation”*
COMPETITIVITY of productive capacities

- ✓ *“Products must conform to requirements of clients and markets”*
CONFORMITY with standards

- ✓ *“Rules for trade must be equitable and customs procedures harmonized”*
CONNECTIVITY to markets



...by upgrading supply capacities and standards infrastructures



Compete

Conform



Connect



UNIDO TCB - Key Focus Areas

Compete

Supply side development (UNIDO)

- *Industrial policy and supportive institutional structure*
- *Investment and technology transfer*
- *SME development and access to finance*
- *Cluster and export consortia development*
- *Productivity and quality*
- *Industrial Upgrading, sectoral technology support*
- *Cleaner Production, energy efficiency*

Conform

Standards & Conformity Assessment/Compliance (UNIDO)

- *Development and harmonization of standards*
- *Development of testing services*
- *Certification (products and enterprise systems)*
- *Metrology/Calibration traceable internationally*
- *Accreditation schemes*

Connect

Integration in to the MTS (WTO, UNCTAD, ITC, WB)

- *WTO rules, negotiations*
- *Trade facilitation (customs, documentation)*
- *Infrastructure (transport, ports)*



UNIDO's Areas of Technical Assistance

Compliance
Infrastructure

Metrology

Standardization Bodies


Accreditation Bodies

Certification/Inspection Bodies

Testing Laboratories

Quality and
Food Safety
Promotion

Compliance with market
requirements
(public and private)

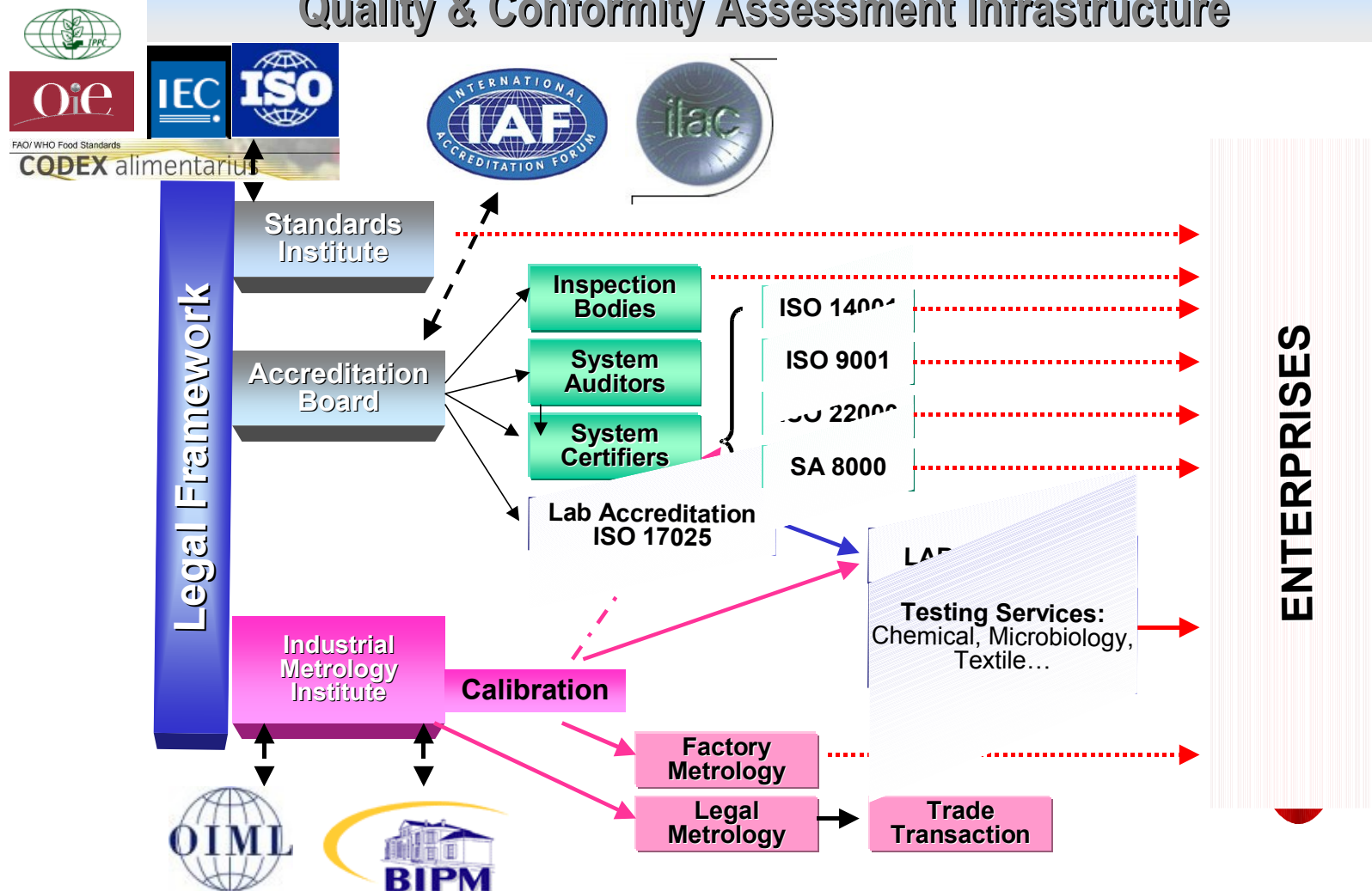


Industrial and
Legal Metrology

Standards
Certification
Inspection
Testing
Accreditation



Quality & Conformity Assessment Infrastructure



Source: UNIDO TCB



UNIDO understands the importance of METROLOGY

Scientific Research

Accurate calibration of scientific instruments

Government

Trade and domestic regulations: Calibrated thermometers, balances, pumps, etc.

Laboratory Accreditation

**Calibration status of test equipment -
a requirement under ISO 17025**

Industry

**Calibration status of equipment
clauses under ISO 9001, ISO 14001**

The ability to accurately perform measurements or test against international standards remains one of the biggest limitations to meet export criteria.





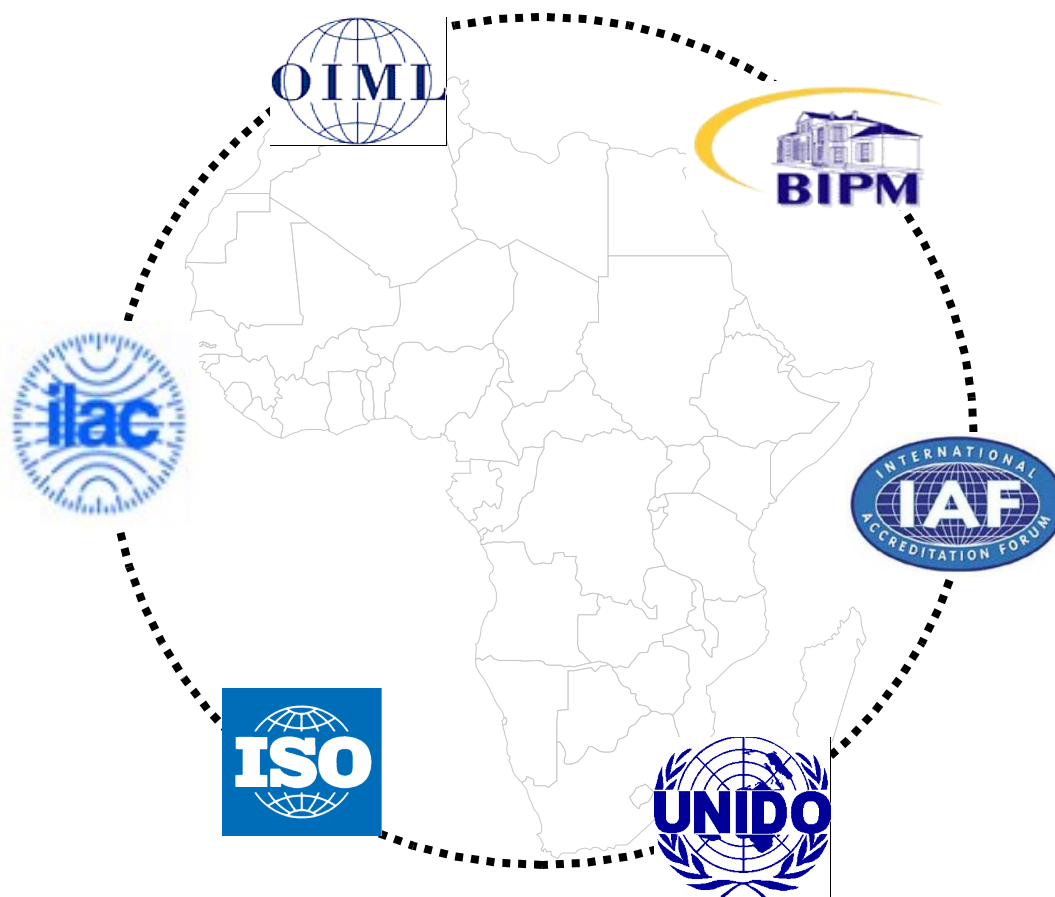
Sustainable SPS Capacity-Building: *Country Needs*

Sustainable SPS capacity-building has to be within the overall national Standards, Metrology, Testing and Quality (SMTQ) infrastructure building

- Need standards capacity (ISO, CODEX)
- Need metrology/calibration capacity (mass, temperature, pressure)
- Need testing capacity (chemical, microbiology, etc.)
- Need certification capacity (ISO 22000, ISO 9001, ISO 14001, etc.)
- Need recognised accreditation capacity (ISO/IEC 17025)
- Need recognised links to international bodies (CODEX, IPPC, OIE, **ISO, ILAC, IAF, BIPM**)

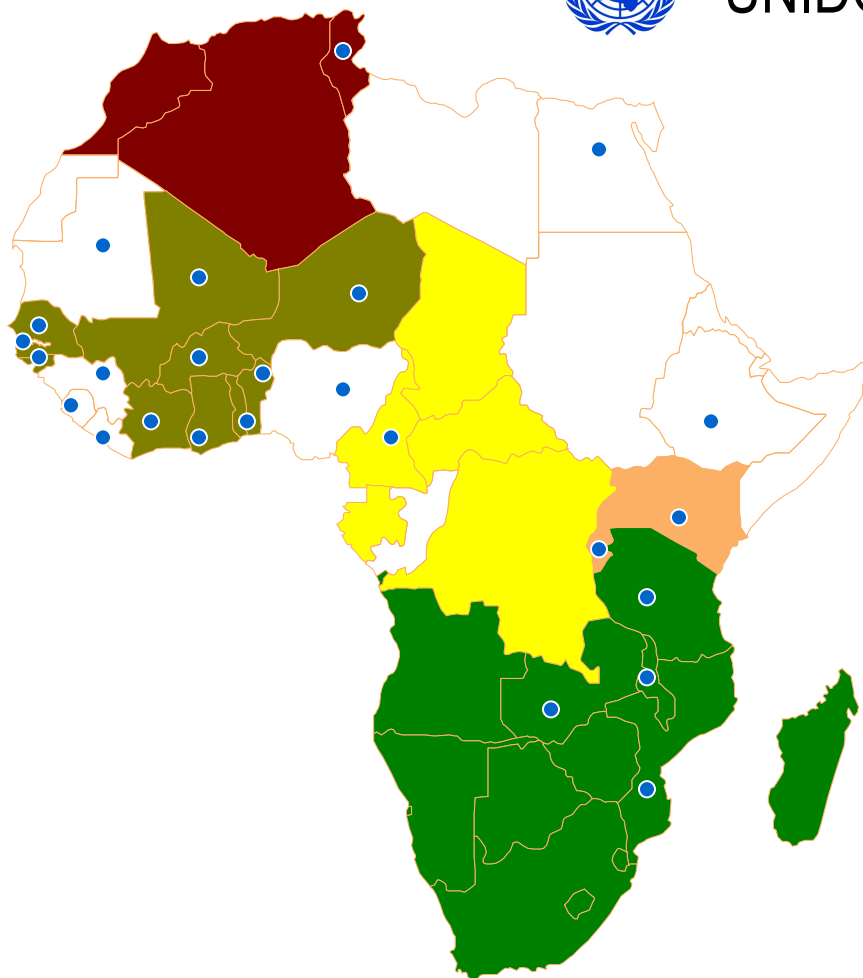


TBT/SPS capacity-building demands linkages to International Standards & Conformity Organisations





UNIDO TCB Ongoing Programmes •



- EAMET**
- CEMACMET**
- MAGMET**
- SADC MET**
- SOAMET**

- **ECOWAS/UEMOA**
- **SADC**
- **EAC**



UNIDO TCB Programmes (TA combining Supply-side & Conformity)

Regional Trade: UNIDO/EU - UEMOA Programme

Budget: € 14.0 million Donor: EU

Productive Capacities and Quality Promotion

- Food safety, productivity and quality promotion
- 68 pilot enterprises prepared for ISO 9001
- National and regional Quality awards
- Training of journalists in consumerism and product quality

Standards and Conformity Assessment

- Harmonization of standards for export products
- Harmonization of testing procedures, reg. database on labs
- Upgrading of 50 laboratories, 24 for international accreditation

Regional accreditation scheme

- Training of 16 Lab. auditors
- Training of 40 ISO 9001 auditors

UEMOA Phase 2: under development (€ 6.0 million)

UEMOA Upgrading: funding received (€ 11.0 million)



In cooperation with:



**Microbiology
Laboratory in Côte
d'Ivoire recently
received COFRAC
ISO/IEC 17025
accreditation for food
testing (Sept. 2007)**



UNIDO TCB Programmes (TA combining Supply-side & Conformity)

Regional Trade: *ECOWAS (non UEMOA) and Mauritania Programme*

Budget: € 8.0 million Donor: EU



for extension of UEMOA activities to other ECOWAS countries (Cape Verde, Gambia, Ghana, Guinea, Liberia, Nigeria, Sierra Leone) and Mauritania



- ✓ Standardization
- ✓ Product Testing/Metrology_
Lab upgrading and accreditation: fish, cotton, fruits & vegetables around 40 labs in a total of 16 countries.
- ✓ Development of a regional accreditation service
- ✓ Product Inspection
- ✓ Consumer Affairs
- ✓ Quality promotion

ECOWAS/UEMOA: Largest UNIDO/EU TCB Programme



UNIDO TCB Programmes (TA combining Supply-side & Conformity)



Regional Trade: EAC

(Burundi, Kenya, Rwanda, Tanzania, Uganda)

Budget: € 2.3 million

Donor: Norway



Trade capacity building in agro-products for the establishment and proof of compliance with international market requirements...with special focus on regional cooperation.

- Enhancement of enterprises capacity to produce according to international market requirements
- Improved and coordinated food safety framework at the regional (EAC) level
- Strengthening of export-oriented support services: Quality Infrastructure (standard setting, laboratories infrastructure / product certification, accreditation of laboratories, metrology/calibration of testing laboratory equipment) for Honey, Fruits and vegetables, and Fish products.

more solidified local economies;



impact on employment, economic wealth and poverty alleviation.



UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



Support to the National Prevention Programme of Ochratoxin in Coffee and Cocoa in Côte d'Ivoire

Budget: € 1.7 million Donor: EC



Objective: help the supply-chain actors to secure their incomes and exportations

Outputs:

- studies in coffee and cocoa supply-chains (determination of contamination levels, identification of critical contamination points, and determination of adequate sampling methods);
- **national OTA analytical laboratory upgrading for ISO/IEC 17025 accreditation**
- promotion of good practices during production and post-harvest stages
- Lobbying activities to draw the attention of the EC on adequate OTA maximum levels.

** The OTA is a mycotoxin considered as a genotoxic human carcinogen and the European Commission (EC) is examining the opportunity to raise new maximum contamination levels for green and roasted coffee, cocoa and cocoa based products*



UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



Trade Capacity Building for Ghana

Budget: **US\$ 2.7 million** Donor: **Switzerland (SECO)**



Staatssekretariat für Wirtschaft
Secrétariat d'Etat à l'économie
Segretariato di Stato dell'economia
State Secretariat for Economic Affairs

- Support to the Ghana Bureau of Standards (GSB)
 - restructuring into modern service-oriented structure
 - standard-setting
 - promotion/training of new standards
 - establishment of a national traceability scheme
 - and for the institutionalization of consumer protection
- Establishment of a national traceability system for horticultural products
- Develop systems certification capability of GSB
- Upgrading testing and calibration laboratories
- Upgrading the Plant Protection and Regulatory Services Directorate (PPRSD) as an EU Competent Authority in the field of horticulture



UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



Enhancing the Capacities of the Tanzanian Quality Infrastructure and TBT/SPS Compliance Systems for Trade

FOCUS OF THE PROJECT

First Metrology lab in
SSA (outside South
Africa) Accredited

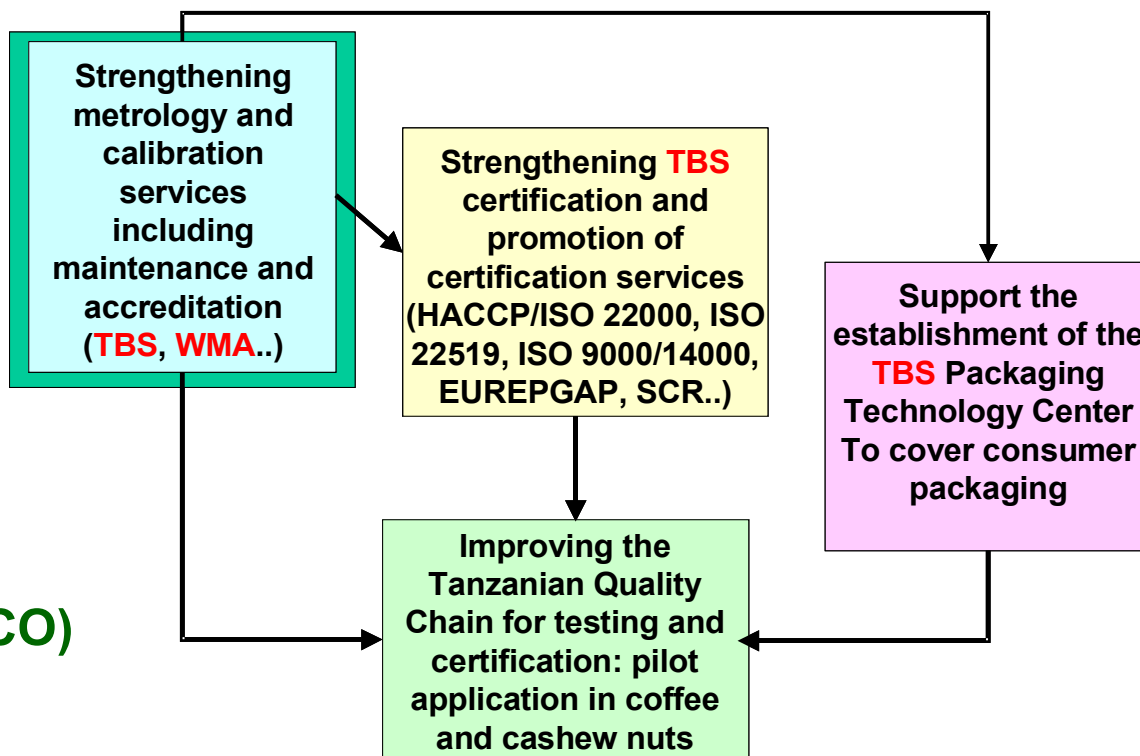


Staatssekretariat für Wirtschaft
Secrétariat d'Etat à l'économie
Segretariato di Stato dell'economia
State Secretariat for Economic Affairs

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Budget: **US\$ 2.0 million**

Donor: **Switzerland (SECO)**





UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



MOZAMBIQUE: € 6.5 Mn

Donor:



Business Environment Support and Trade Facilitation (B.E.S.T.F)



International Trade Centre
UNCTAD / WTO



Project Coordination & QUALITY

UNIDO € 2.5 Mn

INFORMATION & ADVISORY SERVICES FOR TRADE

ITC € 800,000

TRADE FACILITATION

UNCTAD € 2.0 Mn

UNIDO Lead with Sub Contract ITC & UNCTAD



UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



Pilot programme in support to the upgrading, the standardization and the quality in Cameroon

Budget: € 2,5 million Donor: EC



Programme in support to the Economic Partnership Agreement between the European Union and the Central Africa: **Pilot programme in support to the upgrading, the standardization and the quality in Cameroon (PPMAN)**

The overall objective of the programme is to contribute to the establishment of a sub-regional EPA that will aim to foster economic growth, reduce poverty and facilitate Cameroon's integration at the sub-regional and international levels through the strengthening of productive capacities, upgrading of enterprises and of the business environment in Cameroon.



UNIDO *Aid-for-Trade* type Programmes (Supply-side & Conformity)



Joint UNIDO-WTO project for Zambia

Budget: € 2.3 million

Donor: Norway



NORAD
DIREKTORATET FOR
UTVILINGS-SAMARBEID
NORWEGIAN AGENCY FOR
DEVELOPMENT COOPERATION

Outcomes:

- ✓ Roles of the major players in standardization, quality, metrology and conformity assessment will be clarified, and a “quality culture” will be created, that will enable standards information and accredited testing/certification activities to be undertaken to the benefit of the export trade and trade in general.
- ✓ Key agencies in the MSTQ infrastructure will be properly equipped to carry out their tasks.
- ✓ Capacity to overcome technical barriers to trade in strategic agro-industries such as honey, coffee and paprika will be increased.
- ✓ Public and private sectors will be positioned to better engage in international trade negotiations in a coordinated and effective manner.

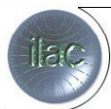


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UNIDO - AU TCB Expert Group Meeting, Tunis 2007



AFRICAN
ORGANIZATION FOR STANDARDIZATION



EGM on Standards Compliance and Conformity Assessment for Sustainable Trade in Africa



UNIDO – AU EXPERT GROUP MEETING
“Standards Compliance and Conformity
Assessment for the
Development of Sustainable Trade in Africa”



22-24 February 2007, Tunis



Expert Group Meeting-
22-24 February 2007,
Tunis (Tunisia)

“Standards Compliance and Conformity Assessment
for the Development of Sustainable Trade in Africa”



Réunion d'Experts
22-24 Février 2007,
Tunis (Tunisie)

“Développement du Commerce en Afrique à travers le
Respect des Normes et l'Évaluation de la Conformité ”



AFRIMETS PROJECT

Objective: to provide African testing laboratories and exporting business units increased access to domestic and affordable calibration services from local NMIs that are reliable and internationally traceable.

Starting date: 3rd Quarter 2009

Duration: 24 Months

Estimated Budget:

UNIDO contribution*	€ 131,000
NORAD contribution	€ 500,000
AFRIMETS contribution**	€ 42,000
National Metrology Laboratories**	€ 150,000
TOTAL	€823,000

* For 2010-2011 Activities

** In kind



Project outputs

Strengthen technical structures (twining)

Creation of Key and Supplementary comparisons for priority areas

Pool of assessors and evaluators (ISO 17025 + ISO Guide 34)

Training of African Metrologists



To lower export rejection rates of African products due to non-equivalence of national-international metrological competence.

IMPACT

To provide African exporting business units increased access to domestic and affordable calibration services from local NMIs that are reliable and internationally traceable.

OBJECTIVE

To enhance the Intra-African Metrology System (AFRIMETS) to provide assistance to obtain international recognition of the metrology programmes of the African NMIs.

OUTCOME

AFRIMETS key and supplementary comparisons for priority metrology areas

A pool of assessors and auditors ready to assist AFRIMETS NMIs implement the CIPM MRA.

Twining arrangements between AFRIMETS and other RMOs to upgrade services in priority metrology areas.

A metrology training of new African metrologists.

1. Roadmap for institutional strengthening

OUTPUTS



CONCLUSIONS

- ✓ African compliance challenges need capacity building
- ✓ UNIDO has a holistic approach to capacity building and is present in the region
- ✓ AFRIMETS, BIPM and OIML are strategic partners for UNIDO to conceptualize and deliver programmes
- ✓ Compliance and Inspection needs to be complemented by Competitive Enterprises and good market connectivity
- ✓ Metrology is a pillar in conformity assessment technical assistance



**Thank You
for your attention!**