Support of a Pan-African Quality Infrastructure Update during the ARSO General Assembly
First we take measurements, then we take measures.
The Physikalisch-Technische Bundesanstalt

The Physikalisch-Technische Bundesanstalt (PTB), the national metrology institute of Germany has existed for over 125 years.

With 2000 employees located at Braunschweig and Berlin, it is a global player in the world of metrology.
Technical Cooperation

For 50 years, PTB has shared its core competence in international development cooperation. We support developing and emerging economies in the comprehensive field of quality infrastructure.
Quality Infrastructure. A complex Network.
Quality Infrastructure. Institutional Diversity.

In order to verify the compliance of products and services with the national and international guidelines, a cohesive network is needed.

This network is given the term quality infrastructure.

The network consists of various institutions that provide services for the state, economy, and the consumer.
The Global Village of Quality.
Our Project Partners. Worldwide.

43 projects in 81 countries
of which: 18 are bilateral projects
24 are regional projects
1 is a supra-regional project

Financial volume € 8 – 10 million annually
50 employees
Clients: BMZ, BMWi, EU, development banks, and direct orders
Morocco 2012-2016
Strengthening capacities in environmental testing in Morocco

Maghreb 2013-2015
Promotion of metrology in Maghreb to strengthen international trade

Maghreb Solar 2012-2016
Strengthening quality infrastructure for solar energy in the Maghreb

ECOWAS 2010-2015
Building up a regional quality infrastructure in the ECOWAS region

Ghana 2013-2016
Quality assurance of agricultural products through metrological and testing services

CEMAC 2011-2016
Establishing of a regional metrological system to support the EPA process in the CEMAC region

Africa 2013-2016
Support of a Pan-African Quality Infrastructure

Tunisia 2014-2018
Developing expertise in quality assurance for the export sector

Egypt 2015-2017
Building the capacity of the Egyptian National Institute of Standards in the field of Metrology

Ethiopia 2012-2015
Promotion of Testing and Metrology in Ethiopia

EAC 2013-2016
Establishment of a regional quality infrastructure for the pharmaceutical sector

Ruanda 2015-2017
Improving metrological services

SADC 2013-2016
Strengthening Quality Infrastructure for Trade Enhancement and Consumer Protection in the SADC Region
Support of a Pan-African Quality Infrastructure
Support of a Pan-African Quality Infrastructure

International

- BIPM
- OIML
- IAC
- IAF
- ISO
- IEC

Africa

- PAQI
- AFRIMETS
- AFRAC
- ARSO
- AFSEC

Regional Economic Communities

National

- National Metrology Institute; Weights & Measures Dep.
- Accreditation Body
- National Standards Body
- National Electrotechnical Committee
Establishment of the Pan-African Quality Infrastructure

First Stakeholder meeting with the four PAQI pillars

PAQI-Forum founded and recognized by AU

Appraisal of German support

Launching of CFTA

Start of new PTB programme
Support of a Pan-African Quality Infrastructure

Preparation of a new project with a comprehensive component to facilitate the Continental Free Trade Area (CFTA) negotiations in the area of TBT and SPS while maintaining the support to the Pan-African Quality Infrastructure.

**Term**  
2016 - 2018

**Resources**  
4.000.000 EUR

**Objectives**  
Economic integration through reduction of Technical Barriers to Trade and unjustified Sanitary and Phytosanitary measures supported.

**Output**

1) **AUC**  
QI embedded as a cross cutting theme within AUC and CFTA negotiation process in TBT/SPS

2) **RECs**  
African FTA experience utilized in shaping the CFTA

3) **PAQI**  
Institutional and technical capabilities to implement WTO requirements (TBT/SPS) enhanced
Supporting ARSO (06/2014 to 07/2015)

- **ARSO Standardization Day 2014** (presenters)
- **ARSO GA Essay 2014 and 2015:**
  Selection process for Quality Award winner and participation first prize winner

**African Trade Web Portal**
- Development, Training of national responsible officers in February 2015,
- Support for the IT solution and website

**Harmonization work**
- Ongoing support to THC 03 Building and Civil Engineering;
- Development of business plans and continued harmonization work

**Capacity building**
- ARSO IT officer for support of THC work and ATWP
- ARSO staff member participated in e-learning course on Quality Infrastructure
Support for the Pan-African Quality Infrastructure

- ARSO secretariat hosting the PAQI secretariat and website
- Representation of ARSO management in PAQI meetings (Sept 14, March 15, July 15)
- Attendance of PAQI chairman (currently ARSO SG) in several meetings related to PAQI, for example:
  - African Union Commission, Department of Trade and Industry
  - Conference of African Ministers of Trade, CAMOT
  - EAC technical management board,
  - Consultative meetings RECs-AUC
Support for the Pan-African Quality Infrastructure

PAQI Forum [Aug 2013]
- Terms of Reference
- Structure – Function – Impacts

Strategic Plan Aligned to AUC Strategic Plan – 2014
- PAQI’s contribution to AU Sectors (agriculture, infrastructure, transport, energy, environment, health, trade and industry)

Awareness Presentation [Sep. 2014]

Updated Stock-Taking Document [Nov. 2014]
- Map of QI in Africa based on objectively verifiable indicators

Background Documents for CFTA

“Contribution of QI to the CFTA” - under development
Quality Index for Africa

- Well developed QI
- Reasonably developed QI
- Partially developed QI
- Limited QI
- Limited QI
- Non or very limited QI
Thank You Very Much For Your Attention.