Types of Projects 9.32

Regional projects (II)

Interlinking competencies

Regional QI-Governance

Ministries
- Trade
- Environment
- Education
- Health
- Food & Agriculture

Regional QI-networks

National Quality Infrastructure (QI)
- Testing
- Standards
- Metrology
- Certification
- Accreditation

bilateral projects
Project Portfolio Asia

**Bilateral**
- India, Nepal, Sri Lanka
- Philippines, Indonesia, Cambodia, Myanmar
- Mongolia

**Regional**
- ASEAN
- SAARC
- Central Asia/9.31

- Knowledge Transfer
- Networking
- Harmonization
- Partnering
- Shared Services
- Training Programmes
Improving Quality Infrastructure in ASEAN

**Goal**

- Support to ASEAN in harmonising standards and conformity assessment
- Building capacities through regional cooperation and integration

**Highlights in 2016**

- Support to ASEAN Standards & Conformance Strategic Plan 2016 - 2025
- Type Approval Guidelines initiated (to be completed by end of 2017)
- First national Assessor Training by Cambodia’s Department of Accreditation with Co-Trainers from Thailand

**Main Implementation Partners:** ACCSQ and related Horizontal & Product Working Groups

**Implementation Phase:** 2015 – 2018

**Project Coordinator PTB:** Andrea Ulbrich Stefanie Reichertz
Support to SAARC in strengthening regional cooperation and integration in the field of quality infrastructure

**Goal / Approach**

- To reduce TBTs by increased regional collaboration in quality infrastructure
- Components: 1) Metrology, 2) Accreditation, 3) Information & Awareness, 4) Flexible Advisory Facility

**Metrology Highlights in 2016**

- Workshop on Best Practice in Metrology Law Development
- Trainings in scientific metrology, in cooperation with NPL India
- 5th Metrology Coordination Meeting, Bhutan

**Main Partner:** SAARC-Secretariat and SARSO

**Implementation Phase:** 2013 – 2017

**New Phase:** 2018 – 2022

**Project Coordinators PTB:**
Daniel Böhme and Uwe Miesner
Promoting Regional Cooperation in Metrology (MEDEA)

**Goal**

Improve the ability of regional metrology networks (APMP and APLMF) to promote the metrological systems of developing economies

**Highlights in 2016 and 2017**

- Joint APLMF/APMP Workshop on “Modernizing National Metrological Infrastructure”
- Various Technical Training Courses
- PTs in pressure and temperature

**Main Implementation Partners:** APMP & APLMF

**Implementation Phase:** 2014 – 2018

**New Phase:** 2018 – 2021

**Project Coordinator PTB:** Dr. Sabine Greiner
Technical Cooperation with Regional Accreditation Networks

Approach
To facilitate the provision of services of APLAC / PAC for national accreditation bodies in developing economies

Main Implementation Partners
APLAC / PAC
National Accreditation Bodies

Status
Final project year 04/2017-03/2018, project evaluation
Strengthening Quality Infrastructure in Sri Lanka

**Goal/Approach**
To provide capacity building for the national quality infrastructure and regional food and water laboratories in the North as well as awareness-raising for the food sector (SMEs) in northern province.

**Highlights in 2016 and 2017**
- Training on measurement uncertainty at University of Jaffna, provided by NMI
- Accreditation of regional laboratory
- Finalisation of baseline study on QI demand of SMEs in the food sector
- 9 awareness workshops for 300+ SMEs

**Main Partner:** National quality infrastructure, regional labs and SMEs in the food sector

**Implementation Phase:** 2016 – 2018

**Project Coordinator PTB:** Daniel Böhme
Strengthening Quality Infrastructure in Myanmar

Goal / Approach

- Increase local availability of QI services based on international good practices
- Special emphasis on food and agricultural sector

Highlights in 2016 and 2017

- Jul 2016 + Jun 2017: Stakeholder workshop for Metrology Strategic Plan
- Beginning 2016: Establishment of laboratory network regarding food safety
- Two seminars on ‘Export Quality Management’ in Feb and Oct 2016

Main Implementation Partners:
Ministry of Education, Dept. of Research and Innovation (DRI)

Implementation Phase: 2015 – 2020

PTB Project Coordinator: Svenja Weyrauch
Strengthening Quality Infrastructure (QI) for the Solar Industry

Goal / Approach

• Improve QI services needed for assuring quality and reliability of solar energy systems

Highlights in 2016

• Presentation of a study on “quality and safety criteria in financing photovoltaic projects” during the ADB 2016 annual meeting in Frankfurt
• Start of consultancy programs on inverters and solar pumps
• High profile workshop on “Bankability of Photovoltaic Projects - Identification and Mitigation of Technical Risks“

Main Implementation Partners: Ministry for New and Renewable Energy, NISE, NPL

Implementation Phase: 2014 – 2018

Project Coordinator PTB: Dr. M. Brinkschröder
Strengthening Quality Infrastructure in Nepal

**Goal / Approach**
- Strengthening of basic metrological infrastructure
- Consultancy facility for quality infrastructure
- Public – Private Dialogue and awareness raising

**Highlights in 2016**
- Accreditation of chemistry laboratories (NBSM, DPR and DFTQC)
- PTs for Volume, Mass, Temperature, Water (NBSM), Heavy metals, FAPAS (DFTQC) and essential oils (DPR)

**Main Implementation Partners:** NBSM, DFTQC and DPR

**Implementation Phase:** 07/2013 – 06/2017

**New Phase:** 2018 – 2021

**PTB Project Coordinator:** Uwe Miesner
Promotion of quality infrastructure with emphasis on the energy sector in Mongolia

**Goal / Approach**

- Enlarge capabilities and services of the metrological system for the energy sector
- Improve process quality for the adoption of international standards

**Plans for 2017**

- Support to the development of a metrology strategy
- Develop a strategy for electrotechnical standardization
- Support development of technical regulations for electricity meters

**Main Implementation Partners:** MASM, Ministry of Energy

**Implementation Phase:** 2016 - 2019

**PTB Project Coordinator:** Petra Hagemann
Strengthening Quality Infrastructure with special regard to the Energy Sector in Indonesia

**Goal / Approach**
- Improving quality assurance services in the energy sector – especially in the photovoltaic sector - according to international best practices
- Informing key stakeholders about quality infrastructure for the renewable energy sector

**Highlights in 2016 & Plans for 2017**
- Project Proposal approved in Nov. 2016
- Operational planning
- Kick Off events (2017)

**Main Implementation Partners:**
BAPPENAS, ESDM, LIPI

**Implementation Phase:** 2016 - 2020

**PTB Project Coordinator:** Andrea Ulbrich
NEW: Strengthening Quality Infrastructure in Cambodia

Goal / Approach

- Enhance coordination and cooperation between QI bodies
- Expand and improve capacities to deliver QI services
- Address quality assurance issues in private and public sector

Preparation in 2017

- Project Planning Workshop in June
- Preparation Mission in November

Main Implementation Partners:
Ministry of Industry and Handicraft (MIH), National Metrology Center (NMC)

Implementation Phase: 01/2018 – 12/2020
PTB Project Coordinator: Nitja Rehani
Thank You Very Much For Your Attention.