

International Cooperation at PTB

Report to the 25th APLMF Meeting, 8th November 2018, Christchurch, New Zealand

by Dr. Sabine Greiner

The Physikalisch-Technische Bundesanstalt

The Physikalisch-Technische Bundesanstalt (PTB), the national metrology institute of Germany has existed for over 130 years.

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



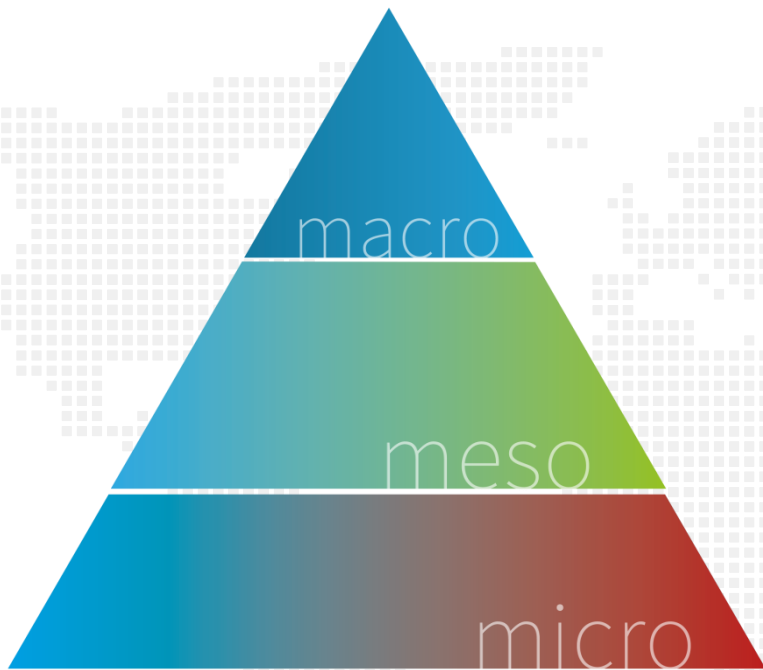
International Cooperation

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.



Our Profile. Multi-Level Approach.

We advise governments and ministries, promote institutions of quality infrastructure, and support smaller and medium-sized enterprises.



- International/Regional Organizations
- Policy/Decision Makers
- Regional Associations of Producers and Consumers
- QI Institutions
- Business Service Providers
- Business Membership Organizations
- SME Promotion Agencies
- Export Promotion Agencies
- etc.
- Producers/Suppliers (local market and export)
- Consumers/Buyers

Development of the PTB Project Approach

1960

1980

2000

Metrology and Calibration

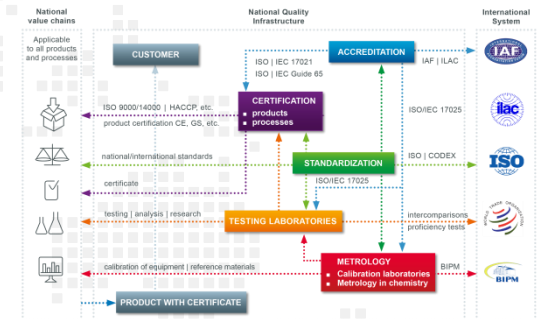
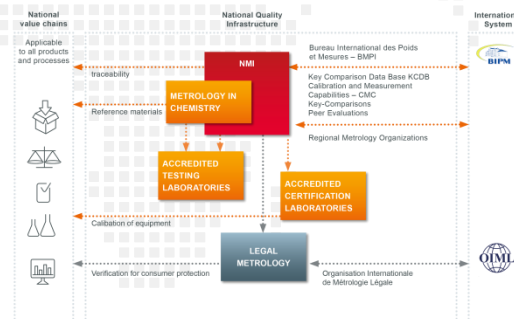
- Twinning of specialist laboratories
- Activity oriented

Metrology and Calibration

- Working group for Technical Cooperation (project management, lobbying)
- Intensive dialog with BMZ (staff secondment)
- Intensified networking

National Quality Infrastructure

- Systematic and systemic approach
- Impact-oriented
- Integrated into a regional approach (RMO)



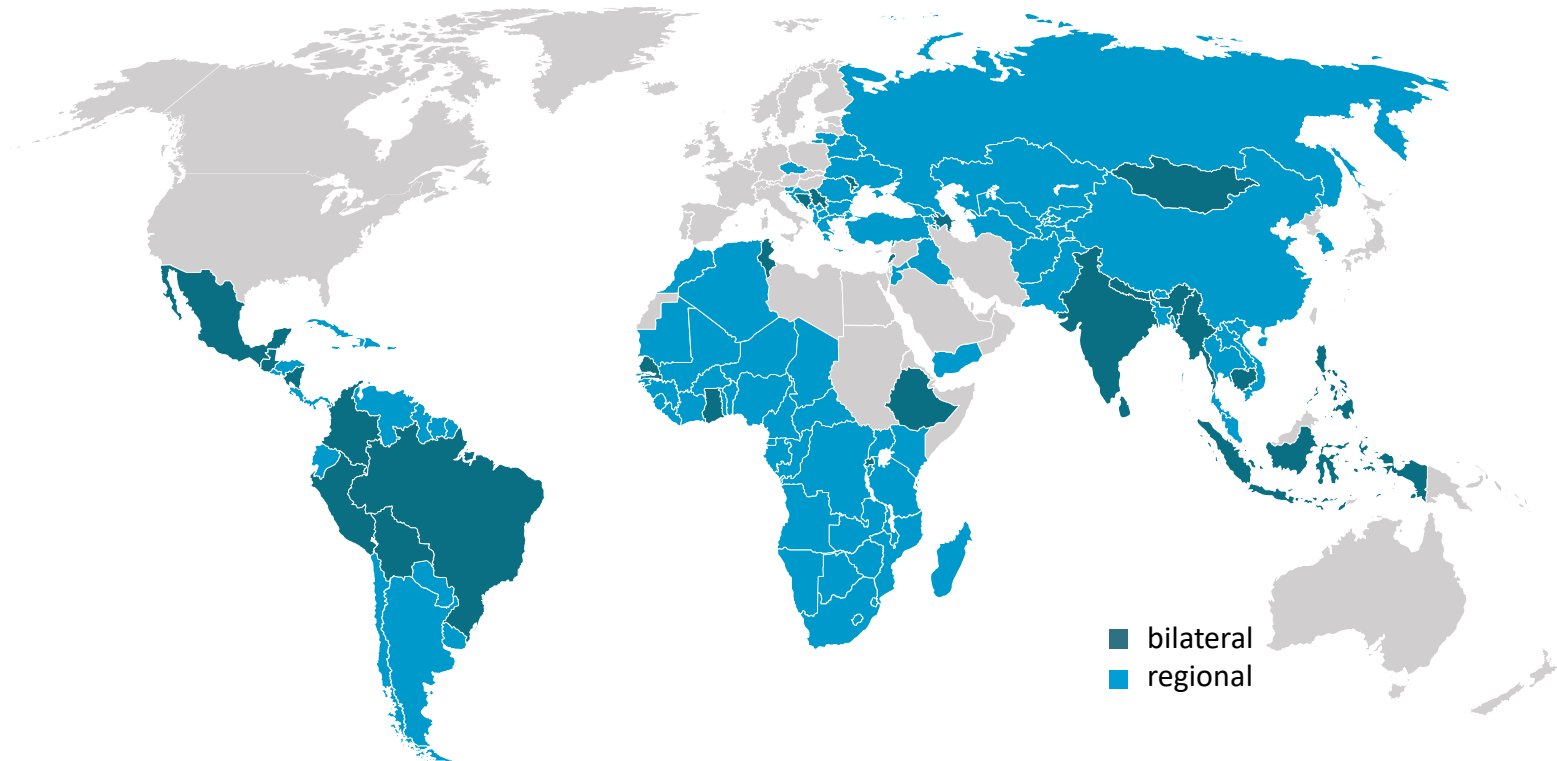
Quality infrastructure and SDGs



Our Project Partners. Worldwide.

45 projects in 83 countries
of which: 23 are bilateral projects
22 are regional projects
1 is a supra-regional project

Financial volume € 10-12 million annually
60 employees
Clients: BMZ, BMWi, EU, development banks, and
direct orders



Organizational Structure of the 9.3 Department

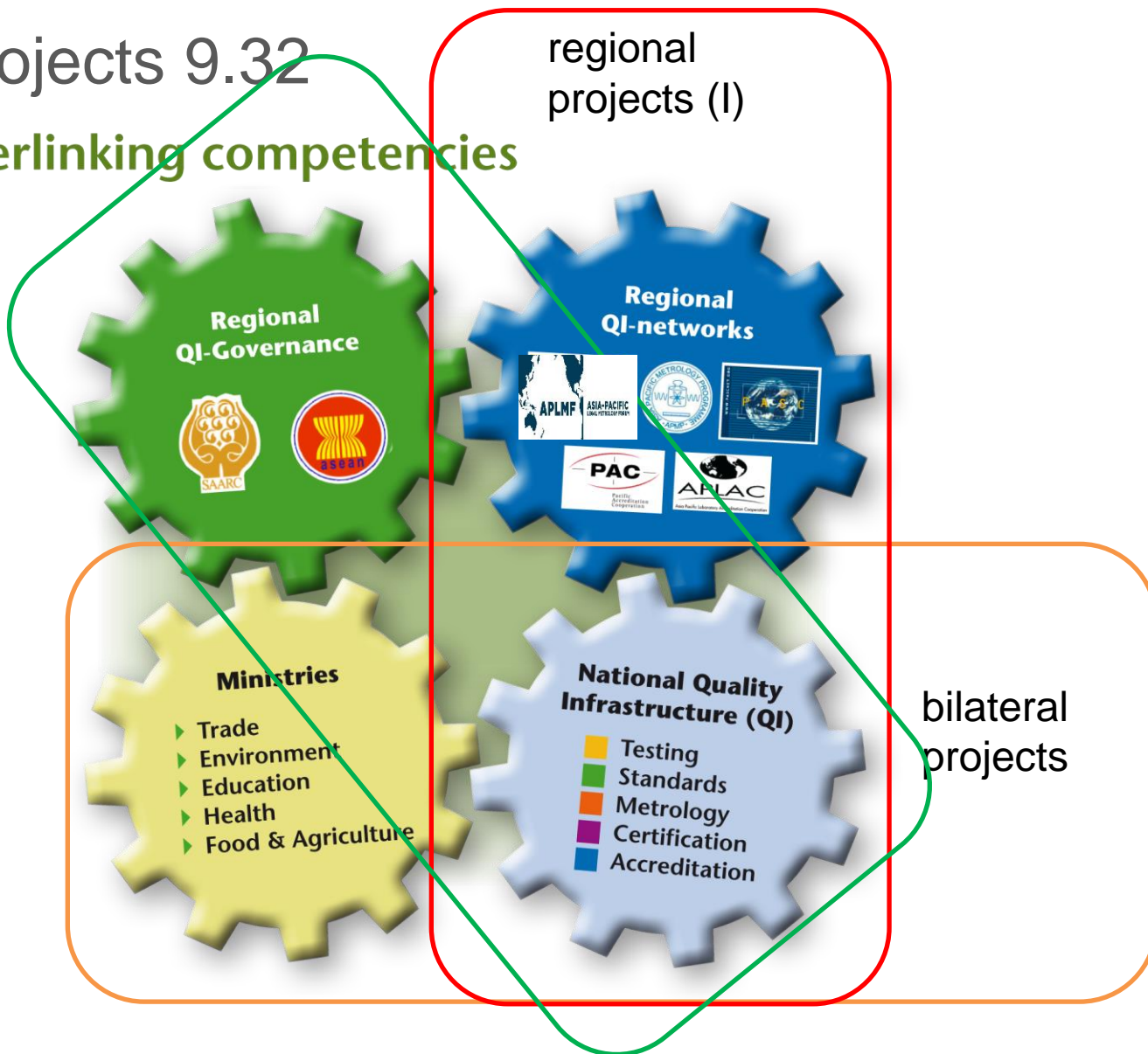
	Regional	Sectoral
9.3	International Cooperation marion.stoldt@ptb.de	
9.31	Europe and the CIS corinna.weigelt@ptb.de	Working areas <ul style="list-style-type: none"> ▪ Energy, climate and the environment ▪ Health ▪ Raw materials ▪ Regional quality infrastructure ▪ Value-added chain ▪ Technology transfer ▪ Learning and networking ▪ Internal knowledge management
9.32	Asia corinna.weigelt@ptb.de	
9.33	Latin America and the Caribbean ulf.hillner@ptb.de	
9.34	Middle East and North Africa christin.kulgemeyer@ptb.de	
9.35	Sub-Saharan Africa barbara.siegmund@ptb.de	

Types of Projects 9.32

Interlinking competencies

Regional
projects (II)

regional
projects (I)



Promoting Regional Cooperation in Metrology (MEDEA)

Objective

Improve the ability of the regional metrology networks in Asia specialized to support metrology in developing economies

Important Outputs

- Implementation of the CABUREK programme
- Technical Trainings
- Sustainability within the networks
- Regional Training Concept



Main Partners:

APMP & APLMF

Implementation Phase:

2018 – 2021

Project Coordinator:

Dr. Sabine Greiner

Strengthening Accreditation Networks in Asia Pacific (SANAP)

Objective

APAC (formerly APLAC and PAC) is strengthened to support its members from developing countries shape an environmentally sustainable market economy.

Important Outputs

- APAC offers strategic support
- APAC offers services to specific fields
- Increase number of MRA/MLA
- Apply cross-border capacity development



Main Partners:

APLAC & PAC

APAC (from 01/19)

Implementation Phase:

2018 – 2021

Project Coordinator:

Nitja Rehani

Improving Quality Infrastructure in ASEAN

Objective

Trade-related procedures of QI are in line with regional and international best practices (focus on CLM economies and thematic focus on food safety)

Important Outputs

- Development of ASEAN guidelines and strategy papers
- Implementation of international best practices
- Support to CLM Economies
- Needs assessment with focus on food safety



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

Implementation Phase: 2019 – 2022

new phase under development

Project Coordinators PTB: Svenja Weyrauch
Stefanie Reichertz

Support to SAARC in strengthening regional integration and cooperation in the field of quality infrastructure in South Asia

Objective:

Improvement of the access to trade-relevant and demand-oriented QI services through regional division of work and cooperation

Important Outputs:

- Strengthen SARSO as regional platform for QI within SAARC
- Demand-oriented cross-border cooperation in Metrology & Accreditation
- Sensitization and Awareness on QI (ministries & private sector)



Main Partner: SAARC-Secretariat and SARSO

Implementation Phase: 2018-2022

Project Coordinators: Patrick Dolle
Uwe Miesner

Bilateral Projects in Asia

Myanmar: Strengthening QI in Myanmar,
2015-2020, 2.8 Mio EUR

Mongolia: Promotion of QI with emphasis on the
mining sector, 2018-2021, 0.6 Mio EUR

Promotion of QI with emphasis on the energy
sector, 2016-2019, 0.6 EUR

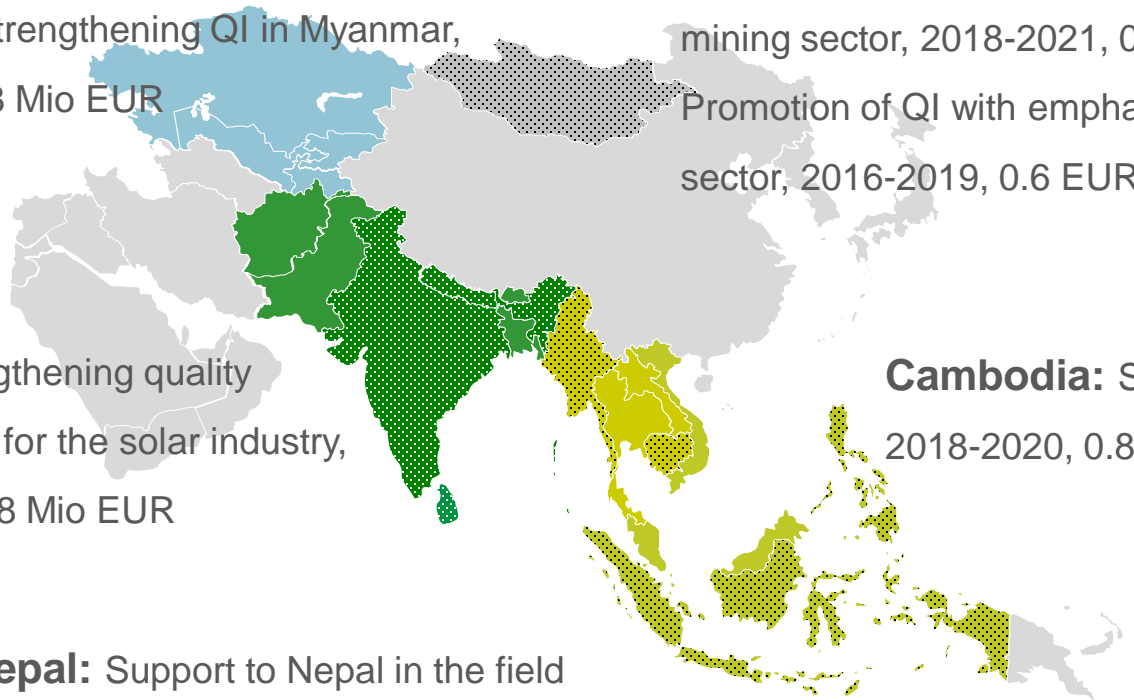
India: Strengthening quality
infrastructure for the solar industry,
2014-2019, 1.8 Mio EUR

Cambodia: Strengthening QI,
2018-2020, 0.8 Mio EUR

Nepal: Support to Nepal in the field
of QI, 2018-2021, 2 Mio EUR

Sri Lanka: Strengthening QI in
Sri Lanka, 2016-2019, 1 Mio EUR

Indonesia: Strengthening QI for the Energy Sector,
2016-2020, 1.5 Mio EUR
Quality assurance in environmental and food analysis,
2017-2019, 0.6 Mio EUR



Thank you very much for your attention!