PTB Projects: South East Europe and Eastern Partnership and World Bank Toolkit
Structure

(1) Regional cooperation project in South East Europe
(2) Regional cooperation with the countries of the Eastern Partnership
(3) World Bank Toolkit
(1) Regional cooperation in South East Europe

Regional Consultancy Fund Quality Infrastructure

- Term: 10/2018 – 09/2021
- Budget: 1.2 Mio EUR

- Beneficiary countries:
  Albania, Bosnia and Herzegovina, Kosovo, North Macedonia, Montenegro, Serbia (WB6-countries)

with a bilateral focus on Albania and BiH
PTB cooperation projects in SEE

- **Albania**
  - 2010: Support of Quality Infrastructure in Serbia

- **Bosnia & Herzegovina**
  - 2020: Regional Fund QI SEE

Regional cooperation in South East Europe
What’s new about the Regional Consultancy Fund?

- Previously only metrology and accreditation components
- Now demand-oriented consultancy fund – higher flexibility
- Open to all quality infrastructure disciplines, sensitive sectors, and value chains
- Initiative must come from stakeholders from the region
- Additionally: bilateral components with Albania and Bosnia and Herzegovina
## 4 Outputs:

<table>
<thead>
<tr>
<th>Regional Consultancy Fund QI</th>
<th>Output 1</th>
<th>Output 2</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Structures of the regional consultancy fund are established and operational</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• A regional and interdisciplinary composed steering and advisory committee is established</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Partner structures are informed about the consultancy fund for Quality Infrastructure and know the funding criteria and requirements</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Quality Infrastructure services are extended by making use of regional synergies and networks</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Surveys/studies related to regional synergies are conducted in at least 2 sectors or value chains</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• at least 2 joint requests for the use of regional synergies for improvement of Quality Infrastructure services are submitted annually</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>National Implementation (Accreditation, Metrology)</th>
<th>Output 3</th>
<th>Output 4</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>Capacity in the areas of accreditation and metrology is built in Bosnia and Herzegovina</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The National Accreditation Body is qualified to request at least 2 additional accreditation areas during the next EA peer review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• The National Metrology Institute is qualified to request the international recognition of at least 2 additional measurands.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Capacity in the areas of accreditation and metrology is built in Albania</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• NAB is qualified to request at least 2 additional accreditation areas (MLA) during the next EA peer review</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• MMI is qualified to request the international recognition of at least 2 additional measurands.</td>
<td></td>
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</tbody>
</table>
Funding criteria

• Reference to EU approximation process
• Chapter 1 “free movement of goods” - relevance
• Relevance for Quality Infrastructure (is part of the problem and/or solution)
• Initiative must come from the partners / region
• Expressed interest of at least 3 of the WB6 countries
• Added value will be created by regional cooperation
Update – first experiences with new project type

- Bilateral activities in Albania and BIH started immediately
- Structures for implementation of regional fund are established
- Website established: https://see.ptb.de
- First newsletter circulated
Update – first experiences with new project type

First SEE QI-projects have been requested and approved:

• Intercomparison in small volume calibrations
• Best practices in Organic production

Lessons learned:

• Joint formulation of a project request needs good networking skills
• PTB should be contacted / involved at a very early stage
(2) Regional cooperation with the countries of the Eastern Partnership

Support of accreditation and market surveillance

• Project goal: The Accreditation Bodies and the Market Surveillance Authorities use the increased regional exchange to adapt their activities and processes to international and European best practices.

• Term: quarter 4/2018 – quarter 3/2021
• Budget: 1.3 Mio EUR

• Beneficiary countries: Armenia, Azerbaijan, Belarus, Georgia, Moldova, Ukraine
PTB cooperation projects with the countries of the EP

- **2005**: COOMET
- **2010**: South Caucasus (Armenia, Azerbaijan, Georgia)
- **2015**: Moldova
- **2020**: Azerbaijan
- Eastern Partnership
  - Ukraine – Metrology
  - Ukraine – Standardisation
PTB project: Using regional synergies of the countries of the Eastern Partnership

Project website: www.eastern-partnership.ptb.de
## 4 Outputs

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<td><strong>Network building for the utilisation of regional synergies</strong></td>
<td><strong>Regional-multilateral capacity building</strong></td>
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<td>• An active regional exchange between the national accreditation bodies is taking place.</td>
<td>• The accreditation bodies improve their services and qualify their personnel according to international and European best practices.</td>
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<td>• Main activities: annual accreditation forum, regional strategy meetings at executive level, exchange with regional organisations</td>
<td>• Main activities: regional trainings measures, regional consulting measures, study visits with multilateral participation</td>
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<td></td>
<td>• Main activities: Annual Forum Market Surveillance, regional strategy meetings, exchange with regional organisations</td>
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## Upcoming Market Surveillance activities:

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<tr>
<th>Activities</th>
<th>Responsible PTB expert</th>
</tr>
</thead>
<tbody>
<tr>
<td>Needs Assessment as basis for future project activities</td>
<td>Johann Dietrich</td>
</tr>
<tr>
<td>Working on the creation of annual market surveillance working plans</td>
<td>Linda Rinkule</td>
</tr>
<tr>
<td>Study trip to Brussels (RAPEX and ICSMS)</td>
<td>Linda Rinkule</td>
</tr>
<tr>
<td>Annual market surveillance conference</td>
<td>Johann Dietrich</td>
</tr>
<tr>
<td>Training on Risk assessment methodologies</td>
<td>Linda Rinkule and Johann Dietrich</td>
</tr>
<tr>
<td>In-service inspection of lifts</td>
<td>Sabine Aschmutat (Central Office of the Federal States for Safety Engineering, Germany)</td>
</tr>
<tr>
<td>Training on differences of MS activities in the GPSD and sectoral EU directives/regulations</td>
<td>Johann Dietrich</td>
</tr>
<tr>
<td>Further activities to be determined</td>
<td>----------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
Impressions from the **Steering Committee Meeting**, April 2019, Tbilisi
Ensuring Quality to Gain Access to Global Markets: A Reform Toolkit
Approach to QI Reforms

- Demand for QI
  - Priority sector(s)
  - Target market(s)
  - Technical regulations

- QI Supply Diagnostics
  - Availability of QI services
  - Institutional and human capacity
  - International recognition
  - Affiliation

- Assess Gaps
  - Set Priorities

- Develop and Implement
  - Program design and plan
  - Implementation support
  - The relevant and necessary QI reforms that serve countries' priorities

- Monitor and Review
  - Results measurement framework
  - Key performance indicators

- Key performance indicators:
  - Market-Driven Approach
  - Establishing the process for QI reforms
  - Transparency
  - Justify public interventions/funding
  - Stakeholders Engagement (private sector, development partners, academia)

- Program design and plan:

- Implementation support:

- The relevant and necessary QI reforms that serve countries' priorities:

- Demand for QI:
  - Priority sector(s)
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  - Technical regulations

- QI Supply Diagnostics:
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- Monitor and Review
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  - Key performance indicators
Module 9: Rapid & Comprehensive Diagnostic

QI Elements:

Fundamentals:
- Standards
- Metrology
- Accreditation

Conformity assessment:
- Inspection
- Testing
- Certification

Technical regulation

- **Pillar 1**: Service Delivery and Technical Competency
- **Pillar 2**: Administration
- **Pillar 3**: Institutional Setup
- **Pillar 4**: External Relations and Recognition
Module 7: Example Technical regulation

House of technical regulation for a national quality infrastructure

1. Technical regulation framework
   - 1. National quality policy

2. Technical regulation coordination office
   - 2. Regulatory authorities

3. Regulatory authorities
   - 3. Regulatory authorities
   - 4. Director

4. Director
   - 4. Director

5. Organizational structure
   - 5. Organizational structure

6. Management and personnel
   - 6. Management and personnel

7. Premises
   - 7. Premises

8. Equipment
   - 8. Equipment

9. Quality system documentation
   - 9. Quality system documentation

10. Developing technical regulations
    - 10. Developing technical regulations

11. Premarket approvals
    - 11. Premarket approvals

12. Market surveillance
    - 12. Market surveillance

13. Sanctions
    - 13. Sanctions

14. Training system
    - 14. Training system

15. Liaison with regional organizations
    - 15. Liaison with regional organizations

16. Liaison with international organizations
    - 16. Liaison with international organizations

Note: The four “pillars” of the QI—represented by the blue columns containing the “building block” numbers—are as follows (left to right): “legal and institutional framework,” “administration and infrastructure,” “service delivery and technical competency,” and “external relations and recognition.”
## Module 7: Technical Regulation: Market Surveillance

<table>
<thead>
<tr>
<th>Questions</th>
<th>Score</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Has the regulatory authority established a market surveillance system covering all products for which it is responsible?</td>
<td></td>
</tr>
<tr>
<td>Yes (=4)</td>
<td></td>
</tr>
<tr>
<td>Partially (=2)</td>
<td></td>
</tr>
<tr>
<td>No (=0)</td>
<td></td>
</tr>
<tr>
<td>b. Is the market surveillance regime based on a continuous risk assessment of the impact non-conforming product could have and the possibility of it happening?</td>
<td></td>
</tr>
<tr>
<td>Yes, in all cases (=4)</td>
<td></td>
</tr>
<tr>
<td>Mostly, some not (=3)</td>
<td></td>
</tr>
<tr>
<td>All products are treated the same (=1)</td>
<td></td>
</tr>
<tr>
<td>No (=0)</td>
<td></td>
</tr>
<tr>
<td>c. In planning market surveillance, does the regulatory authority follow the principles of proportionality, i.e. the action taken is in accordance with the level of risk or non-conformity and not more onerous on the economic entity than necessary?</td>
<td></td>
</tr>
<tr>
<td>Yes, in all cases (=4)</td>
<td></td>
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<tr>
<td>Mostly, some not (=3)</td>
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<tr>
<td>All products are treated identical (=1)</td>
<td></td>
</tr>
<tr>
<td>No (=0)</td>
<td></td>
</tr>
<tr>
<td>d. Does the regulatory authority plan for scheduled market surveillance as well as off-schedule surveillance based on dealing with an immediate threat or at the request of a court of law?</td>
<td></td>
</tr>
<tr>
<td>Yes (=4)</td>
<td></td>
</tr>
<tr>
<td>Off-schedule inspections are squeezed in (=3)</td>
<td></td>
</tr>
<tr>
<td>Inspections are implemented in an ad hoc way (=1)</td>
<td></td>
</tr>
<tr>
<td>No (=0)</td>
<td></td>
</tr>
</tbody>
</table>

Aggregate score: Market surveillance \((a+b + c +d)/4\)
Module 9: Outcome

QI implementation status dashboard illustration (conceptual)

Standards

Metrology

QI

Accreditation

Conformity assessment

Technical regulation
Module 2 & 9: Demand Assessment and Supply Diagnostics

QI Assessment & Diagnostics

- Demand
  - Module 2
- Supply
  - Module 9

Gap between demand and supply
Toolkit Publication: Status Quo

• Internal and external Peer Review (WB, PTB, BIPM, ILAC, IAF) concluded
• Published in April 2019
• Diagnostic Tools piloted in Saudi Arabia, Nigeria, Jordan and Vietnam

www.worldbank.org/qi
www.ptb.de/qitoolkit
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- www.ptb.de/tc
- http://www.ptb.de/9.3
Thank You Very Much For Your Attention.