



ITU Forum on Conformance and Interoperability for the Americas and Carribean region

12-15 June 2012, Brasilia, Brazil

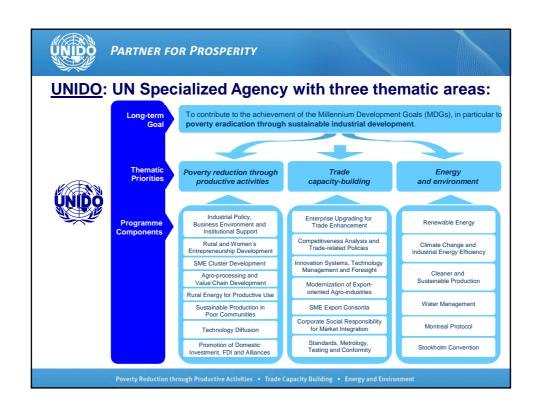
UNIDO's Standard, Metrology, Testing and Quality (SMTQ) Services to Developing Countries

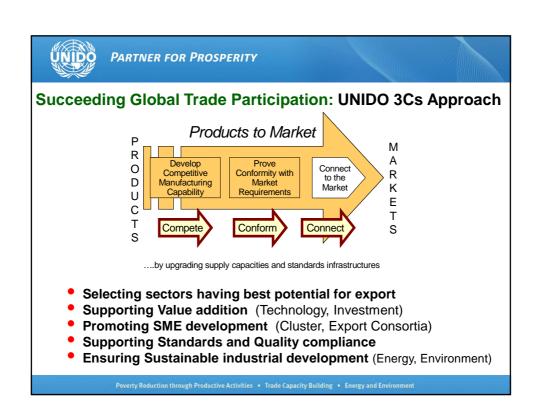
O. Padickakudi

Program Manager
Trade Capacity Building Branch
O.Padickakudi@unido.org

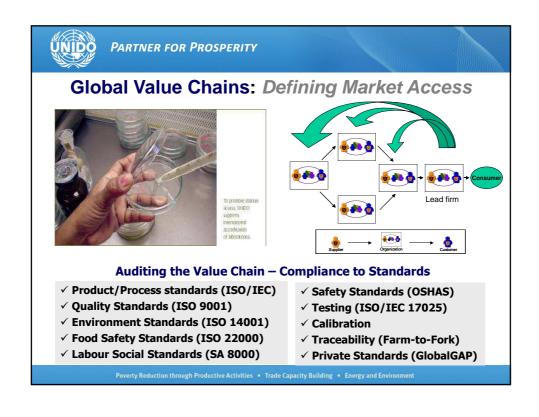


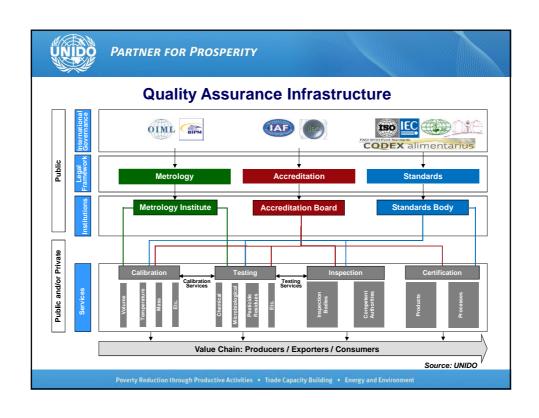


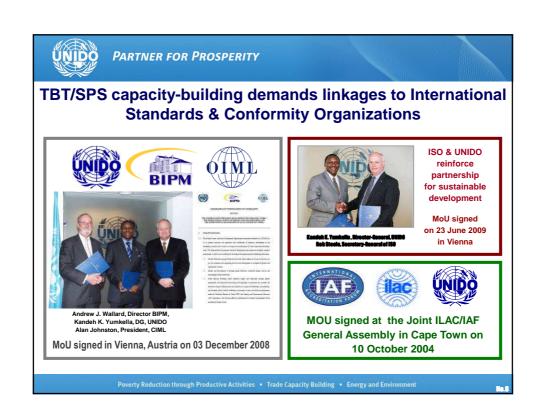




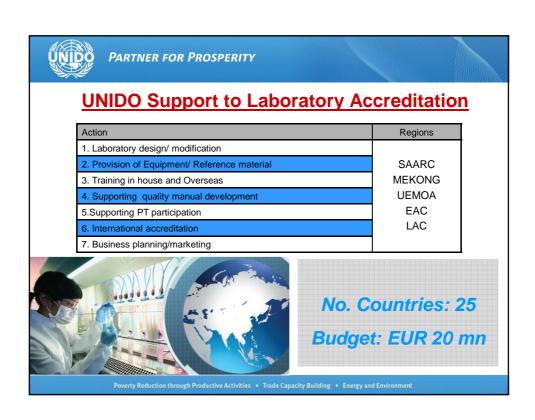


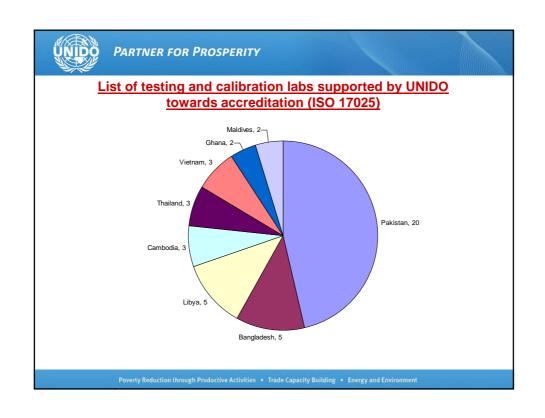


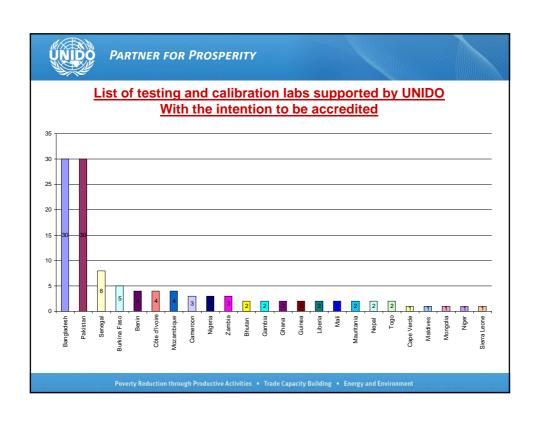


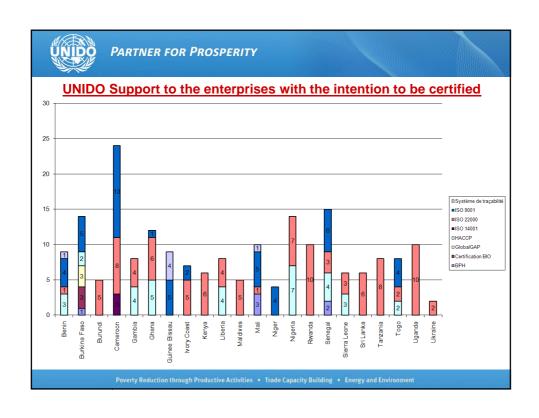


| UNIDO PARTNER FOR PROSPERITY UNIDO's Quality Infrastructure Tech. Assistance: \$110 Mn (2009-2012) | | |
|---|-----------|---|
| | | |
| Norway | # | East Africa, Mekong, Sri Lanka, Bangladesh; SAARC, Zambia, Uganda, GLOBAL FORUM |
| Switzerland | + | Vietnam, Tanzania, Ghana, Mozambique, Tanzania, Lebanon, Egypt |
| Italy | | Egypt, Iraq |
| Sweden | | Trade Trust Fund, AIDMO |
| Poland | | Ukraine, Moldova |
| Korea | ** | Mongolia, South -South Metrology Centre |
| India | • | South-South Lab Testing Centre, Timor-Leste |
| Finland | \pm | Trade Trust Fund |
| Spain | 毫 | China, Egypt |
| China | *3 | China (Food safety) |













Cross Frontier Accreditations completed via UNIDO Projects

8 laboratories accredited in <u>SRI LANKA</u> through SWEDAC (Sweden) <u>SWEDAC</u> Microbiology (2); Chemical Testing (2); Garment/Textile (1); Metrology (1); Rubber testing (1); Food Testing (1)

1 metrology laboratory accredited in TANZANIA through SANAS

19 public sector laboratories accredited in <u>PAKISTAN</u> through NA Microbiology (6); Chemical Testing (6); Leather/Textile (5); Metrology (1); Electrical (1)

5 laboratories accredited in <u>VIETNAM</u> through NA (Norway) Microbiology (2); Chemical Testing (1); Metrology (2);

5 laboratories accredited in <u>LIBYA</u> through DAP (Germany) Building Material testing Laboratory (1); Metallurgy and Surface Protection Laboratory (1); Food Testing Laboratory (1); Chemical Testing Laboratory (1); Textile Testing Laboratory (1)

2 laboratories accredited in <u>CAMBODIA</u> through NATA & BOA (Vietnam) Rubber testing Laboratory (1); Micro-biology (1)

3 Testing laboratories accredited in <u>BSTI, BANGLADESH</u> through NABL (Textile, food and building materials)

Cambodia <u>Product Certification Scheme</u> accredited by NA Bangladesh Standards and Testing Institute (BSTI) <u>Management System</u> <u>Certification Body</u> by NA

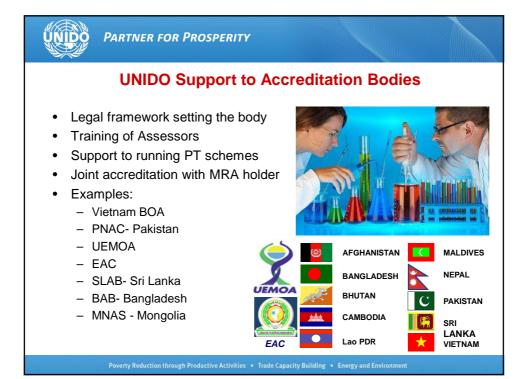














UNIDO's Assistance to Metrology

Building National Measurement Capabilities

ASIA

Sri Lanka Viet Nam Lao PDR Cambodia Nepal Pakistan Afghanistan

Bangladesh

Maldives Bhutan Iraq

AFRICA

Sierra Leone

Mozambique Zambia Ivory Coast Ghana

EAC Kenya Uganda Tanzania Rwanda Burundi

ECOWAS (West Africa) Non-UEMOA **UEMOA** Cape Verde Benin The Gambia Burkina Faso Ghana **Ivory Coast** Guinea Guinea-Bissau Liberia Mali Mauritania Senegal Togo Nigeria

overty Reduction through Productive Activities • Trade Capacity Building • Energy and Environment



PARTNER FOR PROSPERITY

UNIDO-BIPM-Norad Support to AFRIMETS

Support institutional development of AFRIMETS:

- 1. Strategic Roadmap development
- 2. Pan-African Metrology School, Feb 2011
- 3. Strengthen technical structures (twining with other RMOs)
- 4. Developing pool of assessors
- 5. Creation of Key and Supplementary comparisons for priority areas











Budget: € 630,000





PARTNER FOR PROSPERITY

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

BANGLADESH QUALITY SUPPORT PROGRAMME (BQSP)

Implemented by UNIDO and ITC

3-year (2006-09) programme: EUR 10 million

- · National Quality Infrastructure Development
- · Fisheries Sector Quality and value addition
- Textile Sector Competitiveness Development









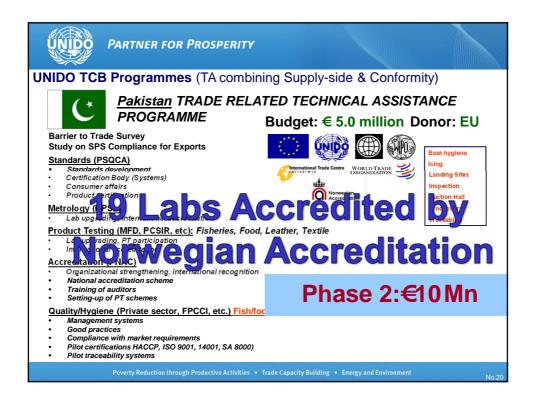
BETTER WORK AND STANDARDS PROGRAMME (BEST)

Implemented by UNIDO and GTZ

5-year (2010-14) programme: EUR 16.9 million for Quality, Fisheries and Textile sectors of Bangladesh

Objective of BEST is to contribute to economic growth and poverty reduction by supporting Bangladesh in taking advantage of global market opportunities







Metrology & Accreditation Projects in Cambodia & Lao PDR







Trade Capacity Building in the Mekong Delta Countries of Cambodia, Lao PDR and Vietnam, through Strengthening Institutional and National Capacities Related to Standards, Metrology, Testing and Quality (SMTQ)

Budget: US\$ 2.5 million

Donor: Norway



- ✓ Metrology legal framework put in place
- ✓ Metrology laboratories developed
- √ Chemical & microbiology labs developed
- ✓ Equipment supplied
- ✓ Staff trained

Cambodia and Lao PDR





Legal metrology launched by UNIDO

Poverty Reduction through Productive Activities • Trade Capacity Building • Energy and Environment



PARTNER FOR PROSPERITY

Metrology & Accreditation Projects in <u>Bangladesh, Bhutan, Maldives</u> and Nepal



MARKET ACCESS AND TRADE FACILITATION SUPPORT FOR SOUTH ASIAN LDCs, THROUGH STRENGTHENING INSTITUTIONAL AND NATIONAL CAPACITIES RELATED TO STANDARDS, METROLOGY, TESTING AND QUALITY

Budget: US\$ 3.5 million Donor: Norway, India





- Upgrade the required technical infrastructure for standards development and harmonization; metrology and testing laboratories required by the selected sectors; standards for labeling and accreditation of laboratories and quality systems
- National capacities for setting up HACCP, ISO9001, ISO14001 schemes at enterprise level, as well as the capacity of national certification bodies to assess the systems developed
- SAARC led regional accreditation body and a regional calibration service developed and launched



Metrology & Accreditation Projects in Latin America and the Caribbean



<u>Haiti</u>

- Quality infrastructure development through supporting metrology development for Haiti legal metrology entity within the Ministry of Trade and Industry
- Estimated to start in 2nd half of 2012
- Budget: € 1 million



Ecuador

- •Traceability programme for the agroindustrial sector in Ecuador with special emphasis on cocoa
- •Laboratory support activities:
 - Establishing and strengthening of the reference laboratories
 - Forming a network of public and private testing laboratories at the national level
- •Testing scopes aims to cover those that have become increasingly important in the light of the new EU legislation

Poverty Reduction through Productive Activities • Trade Capacity Building • Energy and Environment



TCB – Global Forum & Partnerships

- ✓ Laboratory Network Portal (Labnet)
- √ Trade Standards Compliance Report (2010)
- ✓ISO UNIDO publications
- √ South-South Training Centres
- ✓ISO/IEC 17025 A Practical Guide













Making Private Standards Work for You

A guide to private standards for suppliers in the garments, footwear and furniture sectors.

- · Funded by Norad & UNIDO
- Launched in October 2010 in cooperation with Norad and CBI Netherlands
- Further cooperation with CBI, Netherlands to develop training modules based on the Guide

Contents

- The landscape of Private Standards in the apparel, footwear and furniture sectors
- Buyer Codes of conducts
- Strategies for developing country suppliers
- Trends



Poverty Reduction through Productive Activities • Trade Capacity Building • Energy and Environment



PARTNER FOR PROSPERITY



Building trust – The Conformity Assessment Toolbox Published in 4 languages











English

French

Spanish

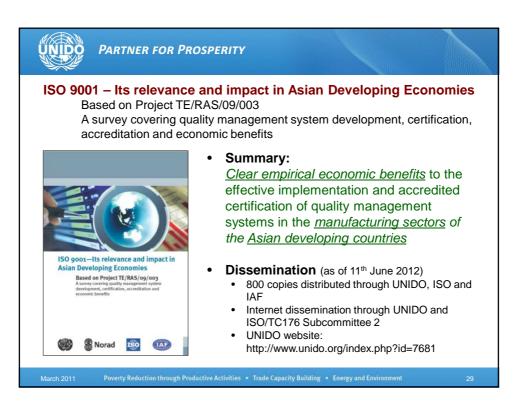
Mongolian

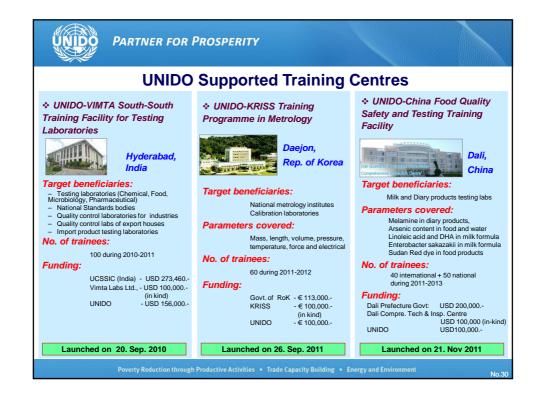
- A comprehensive, user-friendly handbook covering all aspects of conformity assessment and its role in international trade
- Useful for business managers, regulators and consumer representatives
- Websites:

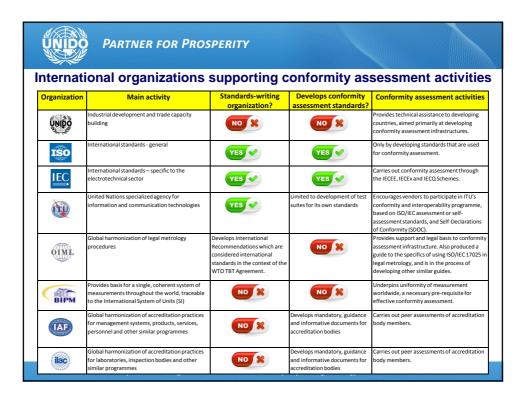
UNIDO Institute for Capacity Building: http://institute.unido.org/tradecapacitybuilding.html
International Organization for Standardization: http://www.iso.org/iso/publications_and_e-products/conformity_assessment_.htm

Poverty Reduction through Productive Activities • Trade Capacity Building • Energy and Environment

lo.28









PARTNER FOR PROSPERITY

Co-operation Proposal

- Develop a roadmap on joint conformity assessment supporting testing laboratories development in collaboration with international partners
- Pursue joint technical assistance in developing such testing laboratories in pilot countries (Latin America)



Thank You for your attention!