



APMP's Developing Economies' Committee (DEC)

Strategies, successes & suggestions



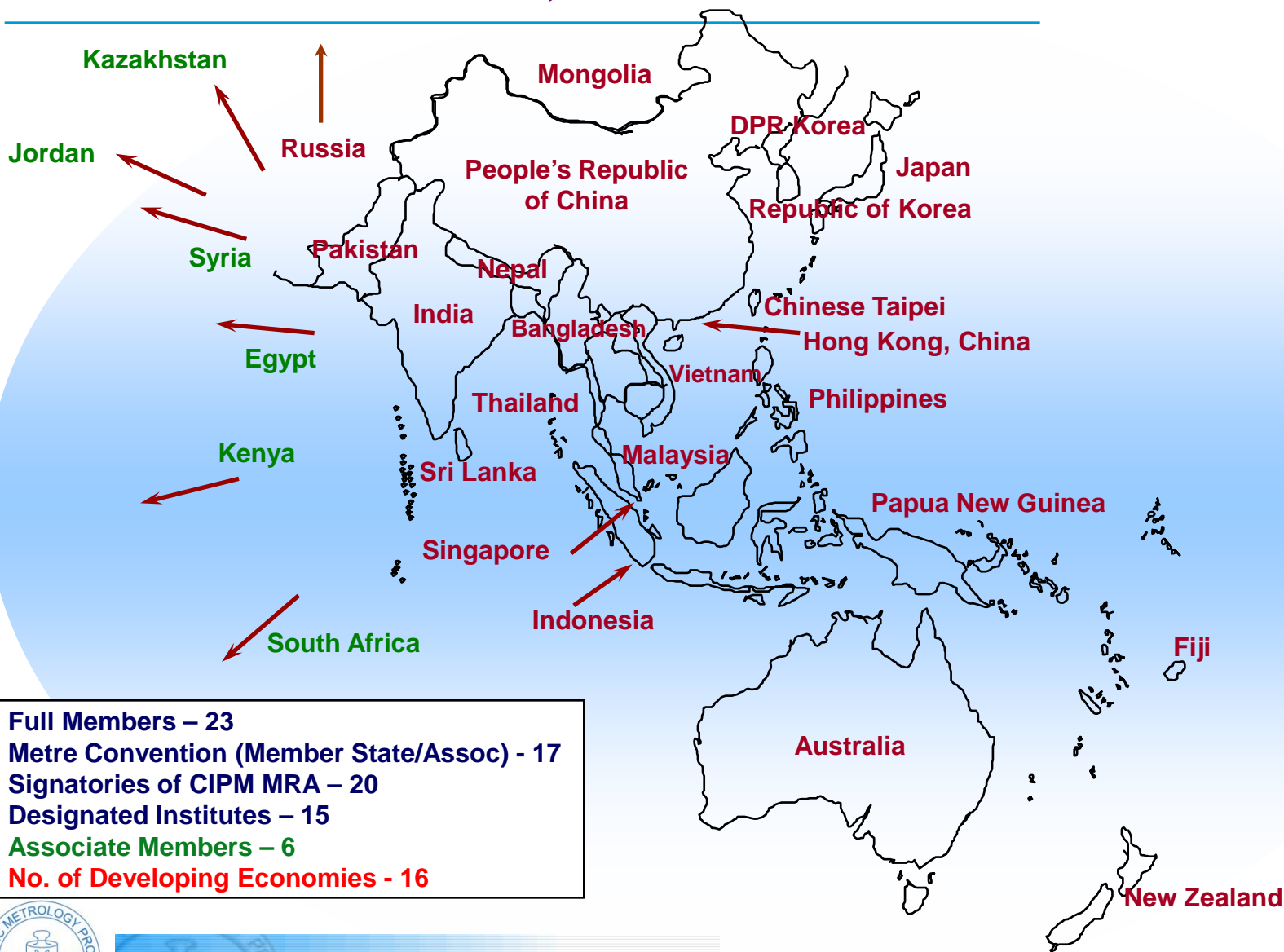
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Member, APMP Executive Committee***

Presentation Overview

- About APMP and its Developing Economies' Committee (DEC)
- 2000-2011 : *DEC Strategic Development, Scope of Activities*
- Outcomes & Outputs : *Successes, opportunities*
- Draft DEC Workplan 2011-2013
- Lessons learned



Members of APMP, 2011



Full Members – 23
Metre Convention (Member State/Assoc) - 17
Signatories of CIPM MRA – 20
Designated Institutes – 15
Associate Members – 6
No. of Developing Economies - 16

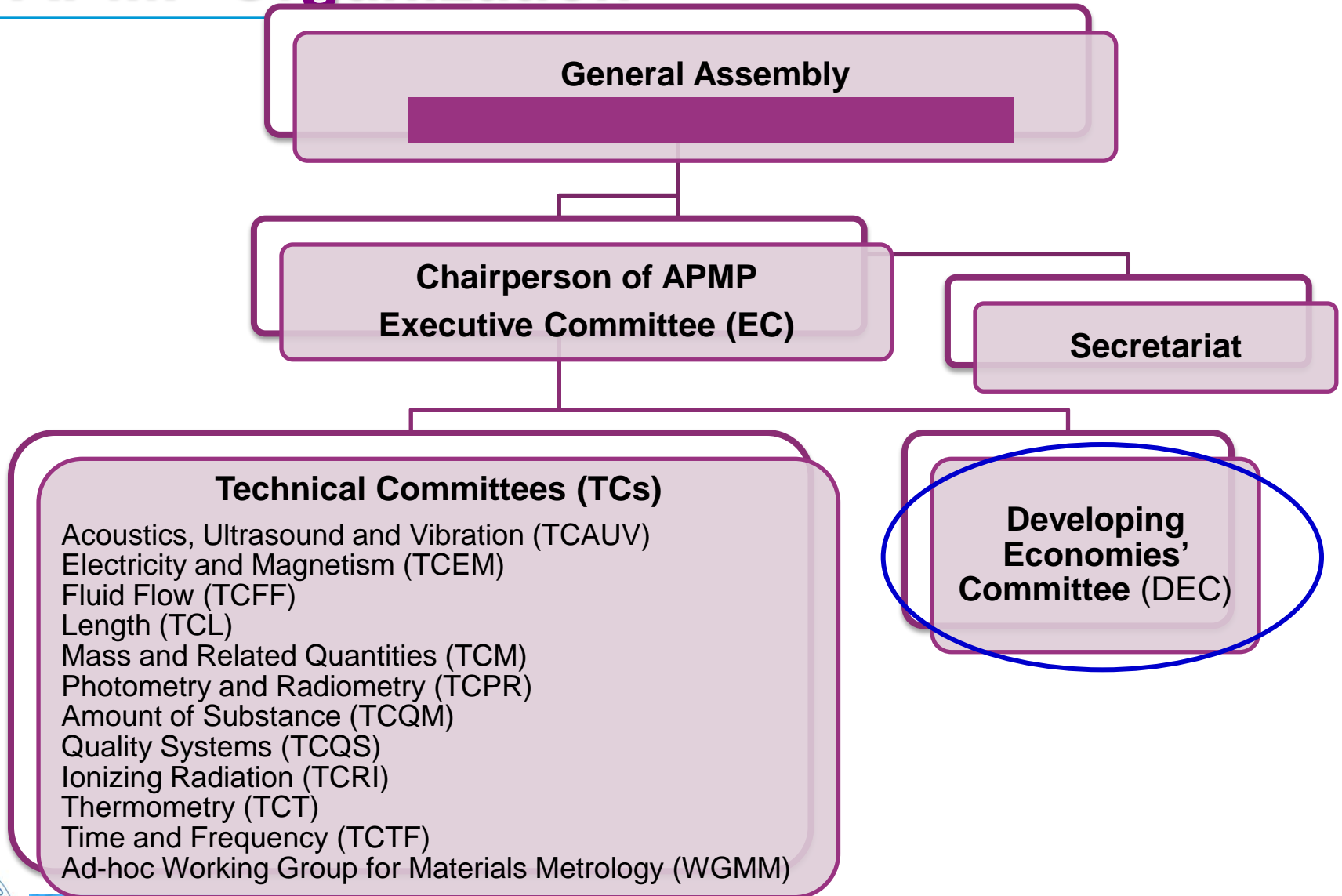


Some regional challenges

- **Geography : distances across membership**
- **Languages & cultures**
- **Range of development needs among “Developing Economies”:** LDCs (Bangladesh, Fiji, Nepal) through to China, India, Malaysia, Thailand
- **Proportion of developing c.f., developed economies**
- **Coordination with sub-regional groups, e.g.,**
 - ❖ **SAARC: South Asian Association for Regional Cooperation**
 - ❖ **ASEAN: Association of South East Asian Nations**
 - ❖ **APEC: Asia Pacific Economic Cooperation**
 - ❖ **PIF: Pacific Island Forum**



APMP Organization



Terms of Reference for DEC, [APMP MoU, Version 2010]

The Committee tasked to help address the needs of APMP member NMIs from developing economies, and to develop and coordinate associated work programs.

- Ongoing monitoring of the needs of Developing Economy NMIs (DENs);
- Develop programs whereby established NMIs assist DENs where possible;
- Assist DENs' participation in the global CIPM MRA;
- With APMP Executive Committee (EC), develop cooperative programs directed at assisting DENs, including with other Regional Metrology Organizations and the Asia Pacific Specialist Regional Bodies;
- Work with the EC to assist DENs in seeking appropriate funding;



Operation of DEC

- **2010: Committee open to all APMP members; creation of Working Groups and WG Chairs Committee**
- **Biannual meetings**
 - *Mid-year Meeting/Workshop hosted by a Developing Economy*
 - Awareness-Raising activities (host country Seminar/Symposium) with government decision-makers/industry;
 - TC Chair-DEN staff technical discussions;
 - TCxx-DEC Training Workshops
 - *Annual Meetings with APMP General Assembly and TC meetings*
- **Allocation of annual budget = 30% of APMP annual membership fees (approx US\$30k)**
- **DEC Website material:**
 - www.apmpweb.org/dec : Action Plan; Useful Documents; Useful Links
 - APMP File Management Server (www.apmpweb.org/fms) : Password-restricted



Budget

- Annual budget plan in consultation with TC Chairs
- DEC Funding Criteria:
 - Expert endorsement (required)
 - NMI management endorsement (required)
 - Clearly stated objectives/outcomes (required)
 - Completion of any identified preparatory tasks (required)
 - Level of funding provided by NMIs (highly desirable)
 - Fit with strategic plans of a number of DENs
 - APMP/DEC Strategic Plan priority
 - Level of development of economies (Classification)
 - History of successful uptake of assistance
 - %age of funds directed at particular economy
 - Possibility of coordinating assistance/linkage with other assistance



DEC Working Groups - Proposed

- WG 1: Information and Guidelines
- WG2: Needs Analysis
- WG3: Stakeholder Relations
- WG4: Outreach and HRD
- WG5: Sustainability (including funding-related)



DEC Strategic Development - Timeline

- **May 2005 (Thailand):** 1st Planning Workshop – instigated through discussions with PTB ⇒ Identification of 10 key DEN issues
- **June 2005:** Needs Assessment Survey
- **July 2006 (Philippines):** 2nd Strategic Planning Workshop ⇒ Identification of sub-set of short-medium term priority issues and associated action plan
- **2007-current:** Activities (DEC, TCxx-DEC) to address issue areas
- **March 2009 (BIPM):** Comparative evaluation of success / challenges ⇒ lessons learned
- **July 2010 (Philippines):** DEC Planning Workshop ⇒ focused on outstanding key issues & **November 2010 (Thailand):** based on MoU changes, review of operations and structure



10 Key Issues for Developing Economies: 2005

1. Awareness raising
2. NMI strategic planning
3. Fund raising
4. Linkages with legal metrology
5. Needs assessment of DEC NMIs
6. Information sharing
7. Training
8. MSTQ infrastructure development and improvement
9. CIPM MRA participation
10. Comparisons



Activities, Outputs & Outcomes, 2005 - 2011



Successes

- **TCQM-DEC Metrology in Chemistry (MiC) Workshops (7)**
 - ❖ **“MiC Guide” for Developing Economies** (see APMP website)
 - ❖ **Focused on subset of DENs**
 - ❖ **Targeted interactive discussions to help DENs identify their own needs**
 - ❖ **Training & Train-the-Trainer approaches**
 - ❖ **Twinning between economies at different levels of development**
 - ❖ **Dissemination/sustainability/evaluation mechanisms included**

- **TCxx-DEC engagement : *strong commitment from TC Chairs***
 - ❖ **Pre- and post- TCxx-DEC comparison Workshops + Mentor & pilot laboratory approach**
 - ❖ **Increasing number of DE-focused activities with annual TC meetings**
 - ❖ **“DEC” Champion**
 - ❖ **Scheduling of meetings & DE agenda items**

- **Awareness Raising**
 - ❖ **DE hosting of mid-year meetings**



Opportunities

- **SRB and RMO linkages**
 - ❖ Commitment to MSTQ approach to emerging cross-sectoral issues : food safety, health, climate change
 - ➔ linkage with relevant APEC forums, eg., **APEC Food Safety Cooperation Forum**
 - ❖ APMP-APLAC MoU
 - ❖ Soon-to-be-established APMP-APLMF MoU
 - ❖ Participation in BIPM, SIM and AFRIMETS Metrology Summer Schools
 - ❖ **Hosting of 1st Inter-RMO Workshop!**



Draft DEC Workplan 2011-2013

No.	Goal	Timeframe	At DEC 2010	Outputs from DEC Meeting
1	APMP develops / provides access to management and technical guidelines on website – WG1	To be determined	<ul style="list-style-type: none"> - Identify what existing material can be sourced - Define what new guidance documents are needed, who will develop them, and in what timeframe 	<p><u>New guidance docs proposed:</u></p> <ul style="list-style-type: none"> - Organisation & participation in comparisons - Traceability - NMI-Stakeholder Relationships - Procedures for preparing CMCs - Staff development - Coaching re: accessing BIPM documents - How to organize training
2	All member DENs regularly attend DEC meetings/ activities – WG5	Ongoing, annually	Discussion on impediments to attendance and possible solutions	<p><u>Needs identified:</u></p> <ul style="list-style-type: none"> - Financial support - Awareness raising – external to the NMI <i>and</i> within the NMI to ensure appropriate participation - Dissemination of knowledge and outputs from activities within the NMI - Internal communication within NMIs - Advanced notice of activities to allow time for paperwork and funding



No.	Goal	Timeframe	At DEC 2010	Outputs from DEC Meeting
3	APMP offers comparisons/ PTs at DEN levels and includes preparation and evaluation activities – WG4	<ul style="list-style-type: none"> - Pressure: 2010 - DMM: 2010-2011 - LIGT: 2011-2012 - PT metals: 2011 - PT tea: 2012 	<ul style="list-style-type: none"> - DEC Chair requests all DEN Directors to provide inputs for annual APMP TC meetings regarding comparison and PT needs - DEC considers future funding needs, esp if preparatory and concluding workshops are required 	<p><u>Needs, proposed actions:</u></p> <ul style="list-style-type: none"> - Coaching - Survey of needs for comparisons - DEN representatives at the TCs - PTs: Water, waste water, food safety, biomedical
4	APMP develops activities to help DENs in developing and submitting CMCs – WG4	<p>2010: Topic for TCQM meeting</p> <p>2011: other TCs?</p>	Review effectiveness of TCQM Workshop on CMCs and, as appropriate, develop request for TC Chairs in other areas	<p><u>Proposed actions:</u></p> <ul style="list-style-type: none"> - “Training” during TCs Face-to-Face discussion Workshop for potential CIPM Associates - Coaching for development of CMCs - Buddy system: i.e., bilateral support between NMIs (funding?)



No.	Goal	Timeframe	At DEC 2010 Meeting	Outputs from DEC Meeting
5	APMP provides information and training on establishment of QMS – WG4	To be determined	Identify what specific support is required here	<u>Proposed actions:</u> <ul style="list-style-type: none"> - “Guidelines on how to implement QS” + working with a “buddy” - Support for development of CMCs - APLAC-APMP training course on QMS - Development of case studies as resources
6	Experts from developed NMIs conduct peer review exercises at developing NMIs Staff from DENs participate as observers in peer review exercises – WG4	To be developed in discussion with TCQS	DEC to consider funding needs	



No.	Goal	Time frame	At 21 st DEC Meeting	Outputs from DEC Meeting
7	APMP provides information and consultancy for establishment/ improvement of NMI-stakeholder relation – WG2 & 3	To be determined	<ul style="list-style-type: none"> - All DENs to report on activities to date (lessons learned) and identified needs - DEC to consider yearly? consultancy plan plus development of other materials (presentations, online information brochures, etc) 	<p><u>Proposed actions:</u></p> <ul style="list-style-type: none"> - Survey to include information on relationship between NMI and national AB - Workshop on Stakeholder- NMI relationships - Sharing of experiences Symposia (at APMP meetings), group discussions within TCC - Using the national MSTQ circle - Using APMP networks & linkages to address national issues (other SRBs)
8	APMP provides training for DEN directors in strategic planning/ management and business planning – WG 3 & 5	<p>2010: sharing of documents, expert visits, 3 training courses</p> <p>2011: management course for NMI directors, R&D interactions</p> <p>2012: Decision makers to attend international meetings access existing impact studies</p>	Proposed timeframe and actions to be reviewed	<ul style="list-style-type: none"> - Teambuilding (to ensure dissemination of knowledge) - Introduction for non-metrologist directors through APMP - Tools for management & budget, HR - Training on recruiting and training personnel



No.	Goal	Timeframe	At DEC 2010 Meeting	Outputs from DEC Meeting
9	Update APMP Website – WG1	2010/11	All Steering Committee Members to provide input; one identified member to work with APMP Secretary to update	
10	APMP Summer School – WG4			<u>Issues, proposed actions:</u> <ul style="list-style-type: none"> - Focused school - Draft proposal by steering committee - Inspirational and experimental components - Most important factor is effective dissemination of outputs - Don't combine training course and summer school



APMP DEC - Lessons learned

- Economies in the Asia Pacific have a strong commitment to supporting capacity building aimed at ensuring effective and internationally recognised regional metrology capabilities
- Over the lifetime of the DEC, there has been an evolution in the approach to development assistance/capacity building
- Partnering between developing economies has helped address: resource-limitations, language barriers, geographical distances, range of capabilities
- It is critical to identify strong regional champions within both the DEN and developed economy NMI membership
- Achievement is reliant on the effectiveness of the regional organisation and its structures
- There are ongoing challenges, trends, and drivers at national, regional AND global levels for the metrology community that APMP and the DEC need to take into account in supporting members





Thank you for your attention