

Asia Pacific Metrology Programme

APMP's Focus Group (FG) Initiative:
9 June 2016

*DEC Workshop: "Growing Together"
Bangkok, Thailand*



Aims of FG initiative

- To deliver impact to industry, government, other NMI stakeholders through engagement directed at economic sectors
- To establish/develop national measurement standards & capabilities that address needs of each focus area



2016 Topics

- **Climate Change**
- **Energy Efficiency**
- **Food Safety**
- **Medical Diagnostic Equipment**
- **[Clean Water]**



Initial Tasks

- **Survey of current capabilities, external stakeholders and drivers (regulatory, policy, trade, other), current and future needs**
- **Development of x-year work plan (e.g. through initial brainstorming workshop)**



Status as of 3 Nov 2015

FG	Chair/ Co-chair	Actions to date
Clean Water	? (NPLI)	Not yet started (changes at NPLI)
Climate Change	KRISS + NIM	Draft ToR, objectives Survey TBC ➔ Roadmap to be reported to 2016 mid-year EC Workshop with APMP 2016
Energy Efficiency	NIMT + NMIJ	Case studies under development, survey TBC before... Workshop proposed with 2016 mid-year mtgs
Food Safety	NIM + KRISS + HSA	Survey: May 2015 First meeting – 1 Nov 2015 ➔ Draft action plan
Medical Metrology	CMS/ITRI + KRISS + NMIA	First meeting – 1 Nov 2015 ➔ Draft action plan



Possible Work Plan activities

- Training activities/staff development
- Both APMP and external stakeholder events
- Researcher exchanges
- Comparisons, PTs
- Infrastructure/facility and equipment development
- Sharing information/experiences on current and emerging issues, trends, resources, activities, etc
- Development of case studies, success stories, toolkits demonstrating benefits through examples
- Support in engaging with national bodies responsible for health, climate change/environment, food safety, etc

Benefits, measures of success & sustainability



- Relevance to majority of APMP economies - **increase the confidence of developing NMIs by providing a roadmap developed by experts**
- Contribution to NMI's strategic planning
- Measurable external impact through focus on **real world problems**, e.g. recommendations to government in policy development, budget support, support to industry and economy
- Cross-TC activities, inclusive
- Support and involvement of all member NMIs
- Involvement of national, regional and international stakeholders – Build public and private support
- Platform to share with other NMIs



Climate Change FG

Draft Terms of Reference, Nov 2015

- **Scope:** Direct factors: calibration of instruments & sensors related to stack emission and background measurements
- **Objectives**
 - To establish national measurement standards related to the climate change (Flow, Temperature, Sensors, spectroscopy, Gases, Aerosols)
 - To exchange information on how the NMI can support the national body for climate change (Measurable, Reportable, Verification)
 - To give strategic advice to NMIs on climate change programmes



Medical Metrology FG

Scope of Work proposed, Nov 2015

- Support the whole value chain (from R&D design, to manufacturers and to end users)
- Traceability of medical devices and diagnostics
- Set up international equivalence of medical measurements
- Share mutual experience among NMIs, DIs and TCs



Energy Efficiency FG

Scope of Work proposed, Nov 2015

NIMT

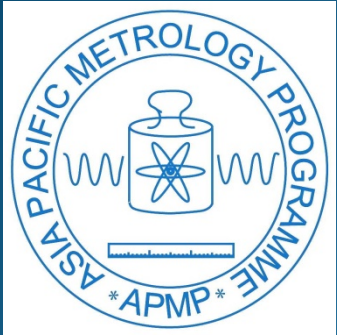
- Start closed engagement with high energy consuming industries
- Engage more in training, calibrating & consultancy process
- Gather information to evaluate & compare results
- Seek expert opinion where necessary

NMIJ

- Make a list of measuring technique and instruments that can contribute to energy efficiency

APMP

- Distribute information of above activity
- Interested members could join the Group
- Discuss activities to be covered and expanded



Asia Pacific Metrology Programme

Thank you