



APMP Report to EURAMET 2015

1. Membership Update

APMP membership remains unchanged since the last APMP report to EURAMET in 2014. The 24 Full Member economies include:

Australia; Bangladesh; Cambodia; China; Chinese Taipei; DPR of Korea; Fiji; Hong Kong, China; India; Indonesia; Japan; Korea; Malaysia; Mongolia; Nepal; New Zealand; Pakistan; Papua New Guinea; Philippines; Russia; Singapore; Sri Lanka; Thailand; Vietnam.

The 7 Associate Member economies are:

Egypt, Jordan, Kazakhstan, Kenya, South Africa, Syria and Dubai.

Other APMP membership updates in short are:

- The Research Center for Calibration, Instrumentation and Metrology – Indonesian Institute of Sciences (Puslit KIM-LIPI) has designated the Research Center for Chemistry (RCChem-LIPI) as the holder of the national standards of measurement in the area of Chemistry. RCChem-LIPI is now listed in Appendix A of the Key Comparison Database (KCDB) as a participating Designated Institute (DI).
- The Government of Malaysia has appointed the Chemistry Department, Kimia Malaysia, as a new Designated Institute for selected activities under Metrology in Chemistry. Kimia Malaysia is not yet an APMP member, but has indicated an interest in applying for Associated Membership.

Attachment 1 includes a detailed list of member institutes

2. Update of Personnel

2.1 Chairperson and Secretariat:

Dr Peter Fisk, the CEO of the National Measurement Institute, Australia (NMIA), continues as APMP Chair until General Assembly 2016. Ms Noleen Grogan will support Dr Fisk as APMP Secretary until the end of his term.

APMP Secretariat contact details:

NAME	ADDRESS	EMAIL
Ms Noleen Grogan	National Measurement Institute Bradfield Rd, West Lindfield, NSW 2070, AUSTRALIA	apmpsecretariat@measurement.gov.au Noleen.grogan@measurement.gov.au

Website: www.apmpweb.org



2.2 Executive Committee (EC):

Members of APMP's Executive Committee, 2015:

NAME	ORGANISATION	EMAIL
Dr Peter Fisk (Chair)	National Measurement Institute, Australia	peter.fisk@measurement.gov.au
Dr Tim Armstrong	Measurement Standards Laboratory of New Zealand, Callaghan Innovation	Tim.Armstrong@callaghaninnovation.govt.nz
Mr Yue Zhang	National Institute for Metrology(NIM) China	zhangy@nim.ac.cn
Dr Gwo-Sheng Peng	Center for Measurement Standards (CMS)/ITRI, Chinese Taipei	Gwo-Sheng.Peng@itri.org.tw
Dr Thomas Liew	National Metrology Center Singapore	thomas_liew@nmc.a-star.edu.sg
Dr Seungnam Park	Korea Research Institute of Standards and Science (KRISS), Korea	snpark@kriss.re.kr
Dr Toshiyuki Takatsuji	National Metrology Institute of Japan (NMIJ/AIST)	toshiyuki.takatsuji@aist.go.jp

New member

2.3 Technical Committees (TCs), 2015:

Dr Peter Manson (NMIA) was elected Lead TC Chair at GA 2014, replacing Dr Toshiyuki Takatsuji (NMIJ). The following table provides contact details for the 12 APMP TC Chairs.

Chairs of APMP's Technical Committees, 2015:

TC	CHAIR	EMAIL
TCAUV	Dr Sun Qiao, NIM, China	sunq@nim.ac.cn
TCEM	Dr Nobu-hisa Kaneko, NMIJ, Japan	nobuhisa.kaneko@aist.go.jp
TFFF	Dr Yong Moon Choi, KRISS, Korea	ymchoi@kriss.re.kr
TCL	Dr Chu-Shik Kang, KRISS, Korea	cskang@kriss.re.kr
TCM	Dr Tokihiko Kobata, NMIJ, Japan	tokihiko.kobata@aist.go.jp
TCMM	Dr Toshi Fujimoto, NMIJ, Japan	T.Fujimoto@aist.go.jp



TCPR & Lead TC Chair	Dr Peter Manson, NMIA, Australia	peter.manson@measurement.gov.au
TCQM	Dr Euijin Hwang, KRIS, Korea	ehwang@kriss.re.kr
TCQS	Dr Jongseon Park, KRIS, Korea	jspark@kriss.re.kr
TCRI	Dr Yi Chul-Young, KRIS, Korea	cyyi@kriss.re.kr
TCT	Dr Yong Gyoo Kim, KRIS, Korea	dragon@kriss.re.kr
TCTF	Dr Michael Wouters, NMIA, Australia	Michael.wouters@measurement.gov.au

New member

2.4 Developing Economy Committee (DEC) Chair:

Dr Mego Pinandito's term as DEC Chair will come to an end at GA 2015. The DEC has elected Dr Prayoon Shiwattana from NIMT, Thailand as DEC Chair-Elect (GA 2015 – GA 2017).

DEC Chair and incoming DEC Chair, 2015:

	CHAIR	ADDRESS	EMAIL
DEC Chair	Dr Mego Pinandito, KIM-LIPI, Indonesia	Puslit KIM-LIPI Kompleks PUSPIPTEK, Serpong Tangerang 15314, Indonesia	mego@kim.lipi.go.id
Incoming DEC Chair (GA 2015)	Dr Prayoon Shiwattana, NIMT, Thailand	National Institute of Metrology Thailand 3/4-5 Moo 3, Klong 5, Klong Luang, Pathumthanee 12120, Thailand	prayoon@nimt.or.th

3. Important developments

3.1 New strategic initiatives:

The 2014 APMP General Assembly (GA) endorsed a work program under a revised APMP Strategy that recognised that to increase its impact, APMP's resources and activities must be better focused on issues that are priorities at both national and regional levels while continuing to deliver on its current functions. To this end, the goal of the 5th APMP NMI Directors' Workshop (held prior to the 2014 GA) was to identify regional priorities. These are:

- Renewable Energy/Energy Efficiency (NIMT, Thailand);
- Food Safety (NIM, China);



- Medical Metrology (CMS/ITRI, Chinese Taipei);
- Clean Water;
- Metrology for Climate Change (KRISS, Korea).

Where confirmed, the APMP NMI that will lead a Working Group (WG) is indicated in brackets above. In the first instance, the WGs are to consider the following with respect to their issue area:

- Prioritising funding through APMP's Technical Committee Initiatives (TCI) and Developing Economies' Committee (DEC) budgets;
- Establishing and funding one-off projects;
- Coordinating projects and collaborations;
- Identifying issues to which TCs and/or the DEC should consider and respond; and
- Initiating and strengthening ties with external stakeholders by prioritising APMP participation in meetings and other engagements.

Each WG Chair is to draft a work program to be submitted to the EC for review at APMP's mid-year meetings in June (22-26).

3.2 TC Initiative Projects 2015:

The TCI budget is aimed at fostering R&D projects of significance in addressing current needs of industry. To this purpose the 2014 APMP GA approved a 50% increase in the TCI budget for 2015. Out of the five proposals submitted, three have been approved by the EC to start in 2015.

3.3 Metrology: Enabling Developing Economies within Asia (MEDEA Project):

Under the APMP-PTB MoU, APMP is working with PTB and the Asia Pacific Legal Metrology Forum (APLMF) on a joint regional capacity building project, the MEDEA Project. A number of PTB-APMP-APLMF meetings have taken place since the project kicked off in late May 2014. Ten Work Packages have been identified and are at various stages of progress. The 4 joint APMP-APLMF Work Packages cover:

- Development of national metrology infrastructure in developing economies
- Raising stakeholder awareness
- Exchanging information on different approaches to technical assistance
- Communication skills

There are 5 APMP-specific topics covering, e.g. training courses and comparisons in various physical metrology areas, metrology in chemistry and preparation of CMCs.



3.4 APMP-APLAC¹ Cooperation:

The APMP-APLAC Joint Proficiency Testing (PT) Working Group established under the APMP-APLAC MoU continues to make steady progress under the care of the co-convenors Dr Della Sin (APMP) and Dr Koichi Nara (APLAC). Three Joint PT Schemes were initiated in 2014 and draft reports are being finalised:

- Lead and Cadmium in cabbage
- Calcium and Cadmium in drinking water
- Pesticides in cabbage

Two new joint PT programs relating to food safety have been identified for 2015/2016:

- Lead and Cadmium in wheat flour
- Pesticides in fruit or vegetable juice

APMP will be sending Dr Euijin Hwang (KRISS), a key member of the Joint PT WG, to participate in the next meeting of the APLAC PT Committee taking place in Sri Lanka in June 2015.

3.5 APMP's linkages with APEC²:

Subcommittee on Standards and Conformance (SCSC):

APMP's EC member from Korea attended the 1st SCSC meeting in the Philippines in February. A special open session was held for the first time to enable the APEC Specialist Regional Bodies (SRBs) (of which APMP is one) to review activities and work with the SCSC to identify opportunities for increased engagement with respect to a specific topic. The topic for the 2015 session was food safety. APMP is also seeking to work with the SCSC in other areas, e.g. energy efficiency, development of regional professionals in standards and conformance, and to initiate and strengthen engagement in activities under its priority focus areas.

Food Safety Cooperation Forum (FSCF):

In 2014, APMP and APLAC acted as co-representatives of the SRBs to the APEC FSCF's Partnership Training Institute Network (PTIN). An APMP representative attended a Food Allergens workshop in Vancouver, Canada. In April 2015, APMP experts attended the first FSCF Expert Workshop on harmonisation of pesticides maximum residue limits (MRLs) for imported foods. We are awaiting the release of the report on the outcomes of this workshop. APMP aims to continue to act as an SRB representative to the FSCF PTIN in 2015.

¹ APLAC: Asia Pacific Laboratory Accreditation Cooperation

² APEC: Asia Pacific Economic Cooperation



4. Highlights of APMP GA and related meetings 2014

The Korea Research Institute of Standards and Science hosted the 30th APMP GA and related meetings from 19 to 27 September 2014, in Daejeon, Korea. The activities included:

- The APMP General Assembly,
- Meetings of the governance bodies: the APMP Executive Committee and Technical Committee Chairs' (TCC),
- Meetings (and, in some cases, Workshops) of APMP's 12 Technical Committees (TCs).
- Meetings of the APMP Developing Economies' Committee (DEC).
- The 5th APMP NMI Directors' Workshop.
- A national Symposium organized by the host NMI,
- An APMP "Medical Metrology" Workshop,
- MEDEA Project Consultation and Planning Meetings, and
- Laboratory tours.

The annual meeting of the APLAC and APMP Chairs also took place during APMP 2014.

The General Assembly 2014 approved the following:

- New EC member, Dr Toshiyuki Takatsuji, NMIJ, Japan (GA2014-GA2017),
- Extension by 1 year of Dr Tim Armstrong's service term as EC member, MSL, New Zealand (to GA2015),
- Extension by 1 year of Dr Peter Fisk's service term as APMP Chairperson, NMIA, Australia (to GA2016),
- Technical Committee Chairs-Elect (TCAUV, TCM, TCEM, TCPR, TCQM, TCQS, TCT),
- The APMP Work plan and the Budget plan for 2015,
- Proposed amendments to the APMP MoU.

5. Forthcoming meetings

The APMP midyear meetings will be hosted by our newest member, the National Metrology Center (NMC) of Cambodia in Phnom Penh, Cambodia from 22-26 June 2015.

The National Institute of Measurement (NIM), China will be hosting the General Assembly and related meetings in Beijing from 1-7 November 2015 (<http://www.apmp2015.org/>).



Appendix 1

ECONOMY	MEMBER NMIs	METRE CONVENTION MEMBERSHIP STATUS	SIGNATORY TO THE CIPM MRA
Australia	NMIA ARPANSA ANSTO	Member	1999
Bangladesh	BSTI DRiCM	Associate of the CGPM	2011 2013
Cambodia	NMC		
China	NIM	Member	1999
Chinese Taipei	CMS/ITRI INER CHT	Associate of the CGPM	2002
Egypt	NIS	Member	2000
Fiji	FNML		
Hong Kong, China	HKSC GL	Associate of the CGPM	2000
India	NPLI BARC	Member	1999
Indonesia	KIM-LIPI RCChem-LIPI	Member	2004
Japan	NMIJ/AIST NICT CERI JEMIC	Member	1999
Jordan	JNMI		
Kazakhstan	KazInMetr	Member	2006
Kenya	KEBS	Member	2002
Korea (Republic of)	KRISS	Member	1999
DPR of Korea	CIM		
Malaysia	SIRIM Berhad Malaysian Nuclear Agency	Member	2001
Mongolia	MASM	Associate of the CGPM	2013
Nepal	NBSM		
New Zealand	MSL	Member	1999
Pakistan	NPSL	Member	2011
Papua New Guinea	NISIT		
Philippines	ITDI	Associate of the CGPM	2002
Russia	VNIIM	Member	1999
Singapore	A-STAR HSA	Member	1999



ASIA PACIFIC METROLOGY PROGRAMME (APMP)

ECONOMY	MEMBER NMIs	METRE CONVENTION MEMBERSHIP STATUS	SIGNATORY TO THE CIPM MRA
South Africa	NMISA	Member	1999
Sri Lanka	MUSSD		
Syria	NSCL	Associate of the CGPM	2012
Thailand	NIMT TISTR DSS OAP	Member	1999
United Arab Emirates	DCLD		
Vietnam	VMI	Associate of the CGPM	2003

 Associate Members of APMP