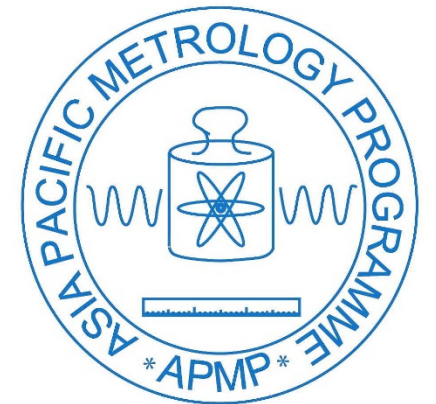


APMP Updates

To the 2020 SIM General Assembly (online)

Fang Xiang, APMP Chair

20 November 2020



Members

27 Full Member Economies
(45 Institutes)

13 Associate Member Economies
(14 Institutes)



19

8

5

8

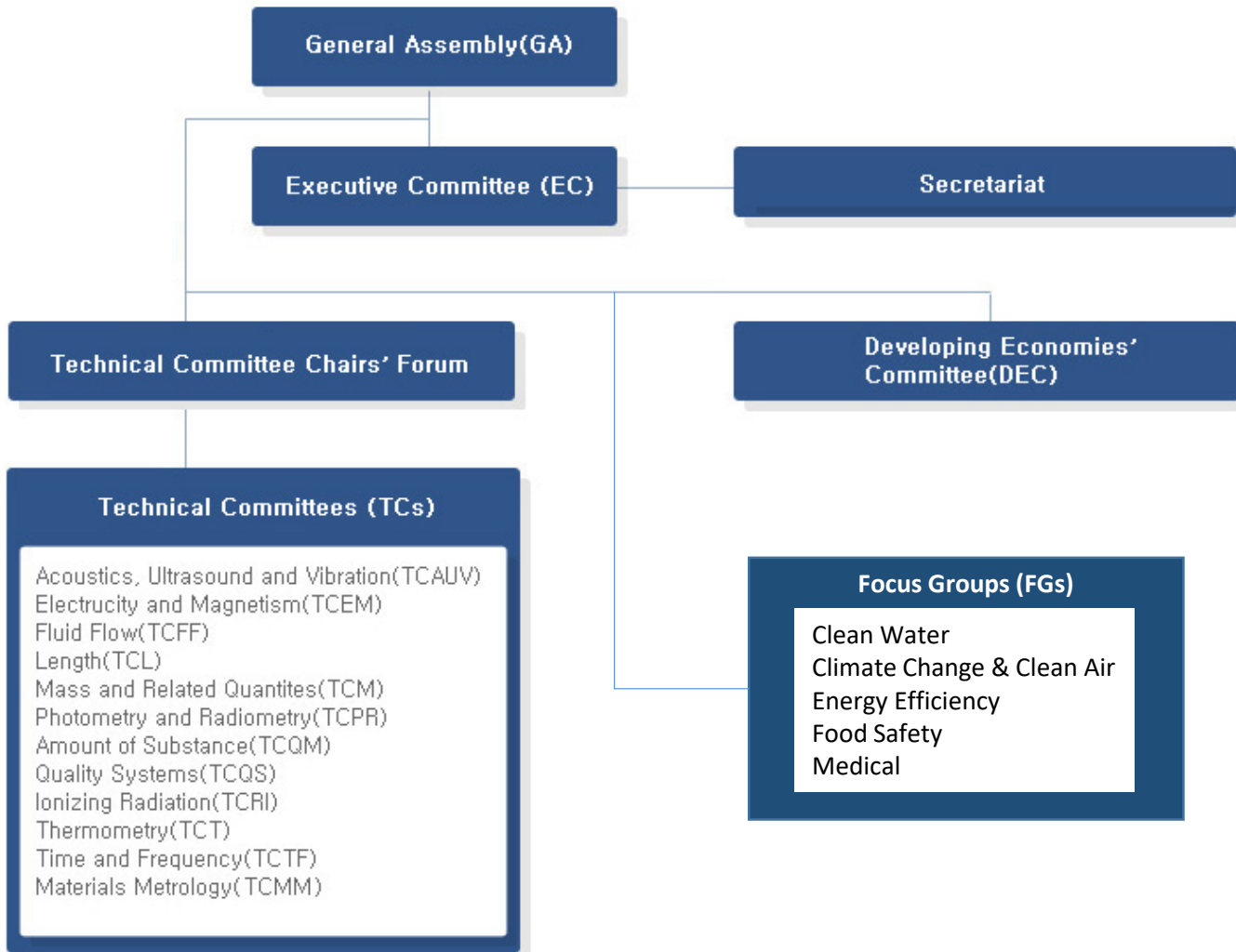
Member expansion since 2010:

8 New Full Members

8 New Associate Members (across
Africa, Americas, Europe, Middle East..)

**No new members in 2020*

Organization



December 2019: Transfer of Chairperson & Secretariat
from NMIJ, Japan to NIM, China



Chairperson: Mr FANG Xiang
Executive Secretary: Ms. CAI Juan (Ada)
2019 to 2022

Organization - EC



Toshiyuki Takatsuji
Japan
2019 GA-2020 GA
(term completed by
GA 2020)



Fang Xiang
Chairperson
China
2019 GA-2022 GA



Jan Herrmann
Australia
2017 GA-2020 GA
(term extension
proposed)



Yon-Kyu Park
(Republic of) Korea
2017 GA-2020 GA
(term extension proposed)



Ajchara Charoensook
Thailand
2018 GA-2021 GA



Teo Tang Lin
Singapore
2019 GA-2022 GA



Eleanor Howick
New Zealand
2019 GA-2022 GA



Morioka Takehiro
Japan
EC Candidate



Wei-En Fu
Chinese Taipei
EC Candidate

To be elected at
APMP GA 2020

Organization - TC/FG/DEC Chairs

Lead TC Chair
Victoria Coleman

TCAUV
Ryuzo Horiuchi

TCEM
Hyung-Kew Lee

TCFF
Chunhui Li

TCL
Zi Xue

TCM
Sheng-Jui CHEN

TCMM
Lingling Ren

TCPR
Haiyong Gan

TCQM
Kazumi Inagaki

TCQS
Ping Yang

TCRI
Duncan Butler

TCT
Inseok Yang

TCTF
Dai-Hyuk YU

CCCAFG
Sangil Lee

FSFG
Hongmei Li

EEFG
Ilya Budovsky

MMFG
Xiang Ding

CWFG
Liandi Ma

DEC
Angela Samuel
(extension proposed)



APMP 2019 - APMP NMI Directors Workshop, Day 1

APMP Midyear Meetings, June 2020



EC meeting



TCC meeting

Issues covered:

- APMP Strategic Plan (2021-2023)
- APMP response program against COVID-19
- TC issues:
 - Approval of TCI (2nd call) and FGI projects 2020
 - Guideline for APMP TCI and FGI Projects
 - How to improve the quality of the TCI/FGI Program
- FG issues:
 - APMP Focus Group Guideline
- DEC issues:
 - DEC Strategic Plan (2021-2023) and implementation plans
 - DEC funding criteria document
 - MEDEA 3.0
- International Liaisons:
 - JCRB
 - APMP-VAMAS MoU
 - SCSC (1) SRB Workshop & Meeting
- APMP governance and operation:
 - APMP website renovation
 - APMP document portfolio
 - APMP Awards 2020

Priority tasks of APMP 2020

A world map with a red color gradient overlay, representing the global impact of the COVID-19 pandemic. The map is centered on the Atlantic Ocean, showing the Americas on the left and Europe, Africa, and Asia on the right. The red shading is more intense in North America and Europe, and lighter in Africa and Asia. The map is framed by a white border.

2020 has been the most difficult year in decades to the whole world.

APMP prioritized its work, adjusted its work patterns.

In 2020, APMP has focused its efforts on three priority tasks:

1. Strategic Planning

2. Working together in responding to COVID-19

3. Enhancing quality and efficiency of governance

1. APMP Strategic Plan (2021-2023)

Objectives

- Set up APMP's priority strategic objectives and their implementation plans for years from 2021 to 2023
- Establish a best-practice approach to APMP strategic planning aligned with the term of the APMP Chairperson, and agreed and delivered by all APMP structures.

5 key aspects of current context:

- Significant and long-term impacts of the COVID-19 pandemic.
- Advances in measurement science and technology and the rise of global challenges
- Uneven development among Members
- Effective and efficient governance
- Stronger regional and international engagement

6 strategic objectives as its work priority:

- Work together in the fight against the COVID-19 pandemic
- Promote R&D excellence in emerging areas
- Increase APMP's impact and value to members
- Enhance the quality and efficiency of APMP's governance and operations
- Enhance global engagement and partnership
- Fulfill RMO obligations under the CIPM MRA

Status of Progress: final draft ready for approval at GA 2020.

2. Working together in responding to COVID-19

Acknowledging the needs within APMP to boost intra-regional collaboration on

- comparisons and/or pilot studies of COVID-19 related measurements;
- development of traceable calibration systems for medical devices, and innovative research on diagnostics, therapeutics and vaccines;
- knowledge transfer and capacity building for development of solutions to the challenges brought by the pandemic;
- sharing information, knowledge and resources for

Considering that

- some APMP member institutes have already established resources that are applicable to e.g. the diagnostic tests, ventilators, as well as calibration system for infrared thermometers;
- APMP has surplus fund for operations due to the cancellation of the activities planned for 2020, and the elimination of its representatives' travels to meetings and events of other stakeholder organizations.

Budget: US\$ 150,000 for FY2020

First call launched in October 2020

Two workshops:

APMP NMI Directors' Workshop 2020 on COVID-19

APMP DEC-MEDEA COVID-19 Project Planning Workshop

Decides to establish *APMP Response Program against COVID-19* to encourage and fund:

- the Technical Committees (TCs) to organize comparisons of COVID-19 related measurements among APMP member institutes and facilitate their participation in the associated international comparisons and/or pilot studies;
- the Developing Economies Committee (DEC) to organize and coordinate the provision of trainings in various forms to developing member institutes in need;
- APMP member institutes to share information, experience and resources available for collaboration on optimal research enabling accurate tests, effective therapeutics, as well as possible vaccines.

2. Working together in responding to COVID-19

Webinar on Infrared Thermometers

By APMP Technical Committee of Thermometry (TCT) on July 8, 2020.

- Knowledge transfer on calibrations of IR;
- exchange ideas in order to promote the research and international cooperation on IRTs;

Presentations: <https://en.nim.ac.cn/taxonomy/term/251>



APMP Newsletter Focus Issue

Activities of APMP members in responding to COVID-19

<http://www.apmpweb.org/documents/newsletters.php>



3. Enhance governance quality & efficiency

Guidelines for APMP TCI & FGI Projects

Objective

Consolidate and formalize rules and procedures for TCI/FGI project operations.

Content

- Introduction
- Roles and Responsibilities
- Applying for projects
- Project evaluation and approval
- Project implementation and completion
- Project funding and reimbursement
- Change of project plan / extension / termination
- Used apparatus

Status of progress: final draft ready for approval at EC-TCC meeting

The image shows three overlapping documents. The top document is the 'APMP FG Initiative Project Application Form', which includes fields for project number, date received, name of proposing Focus Group/Technical Committee/Working Group, title of project, co-operating FGI/TCs/WGs (if any), project overseer, total cost of funding, and a table for item budget. The middle document is the 'APMP TC Initiative Project Application Form', which has a similar structure but is for Technical Committees. The bottom document is the 'Draft Guidelines for APMP TCI & FGI Projects', which contains an introduction and a section on roles and responsibilities.

APMP FG Initiative Project Application Form

Project number: _____ Date received by Secretariat: _____
(To be filled in by Secretariat.)

Name of proposing Focus Group/Technical Committee/Working Group: _____

Title of project: _____

Co-operating FGI/TCs/WGs (if any): _____

Project overseer: (name, title and org): _____

Total cost of funding in US\$ and its Total: US\$ xxxxx

Item	Budget (in US\$)

Project start date: _____

Abstract of the project: (motivationally possible broad impact to the region, Asia-Pacific)

(Max 200-300 words, expand the area if necessary and research on NM/ climate)

Signature of project overseer: _____
(Separate written confirmation acceptable)

Comment (if any) and signature of: _____
(Separate written confirmation acceptable)

APMP TC Initiative Project Application Form

Project number: _____ Date received by Secretariat: _____
(To be filled in by Secretariat.)

Name of proposing Technical Committee/Working Group: _____

Title of project: _____

Co-operating TCs/WGs (if any): _____

Project overseer: (name, title): _____

Total cost of funding in US\$ Total: US\$ xxxxx

Item	Budget (in US\$)

Project start date: _____

Abstract of the project: (most assets, possible impact to region paper/present/technical news...)

(Max 200-300 words, expand if necessary)

Signature of project overseer: _____
(Separate written confirmation acceptable)

Comment (if any) and signature: _____
(Separate written confirmation acceptable)

Draft Guidelines for APMP TCI & FGI Projects

1 Introduction

Projects are an important part of APMP's efforts to support sustainable metrological infrastructure in the Asia-Pacific region. APMP projects assist member institutes in promoting science innovation, increasing technical capacities, and meeting stakeholders' demands through technical collaboration and resource sharing. Currently APMP projects include the Technical Committee Initiatives (TCI) projects and the Focus Group Initiatives (FGI) projects.

The TCI originated from a Decision of the 42nd APMP Executive Committee (EC) meeting and was confirmed by the APMP Workplan 2010 adopted by the 25th APMP General Assembly (GA) in 2009. The aim of the TCI is to "encourage scientific collaborations on measurements for new technologies".

The idea of Focus Groups (FG) was originally proposed at the 2014 APMP Directors' Workshop and approved by APMP members at the 30th APMP GA in 2014. The main tasks of a FG is "to survey regional and national capabilities and measurement issues and needs" in the focus area and "to determine how APMP can respond to the issues and needs". APMP at its 31st GA decided to fund FGI projects as a means of fulfilling FGs' tasks.

This document provides a practical guidance for TCI and FGI projects.

2 Roles and Responsibilities

- APMP Technical Committees (TCs)/Focus Groups (FGs) have responsibilities to:
 - collect, prioritise, and propose projects,
 - coordinate implementation and reporting of projects, and
 - endorse requests for project extension, termination, and/or other substantial changes.
- APMP Executive Committee(EC) has responsibilities and authorities to:

3. Enhance governance quality & efficiency

APMP Focus Group Guidance

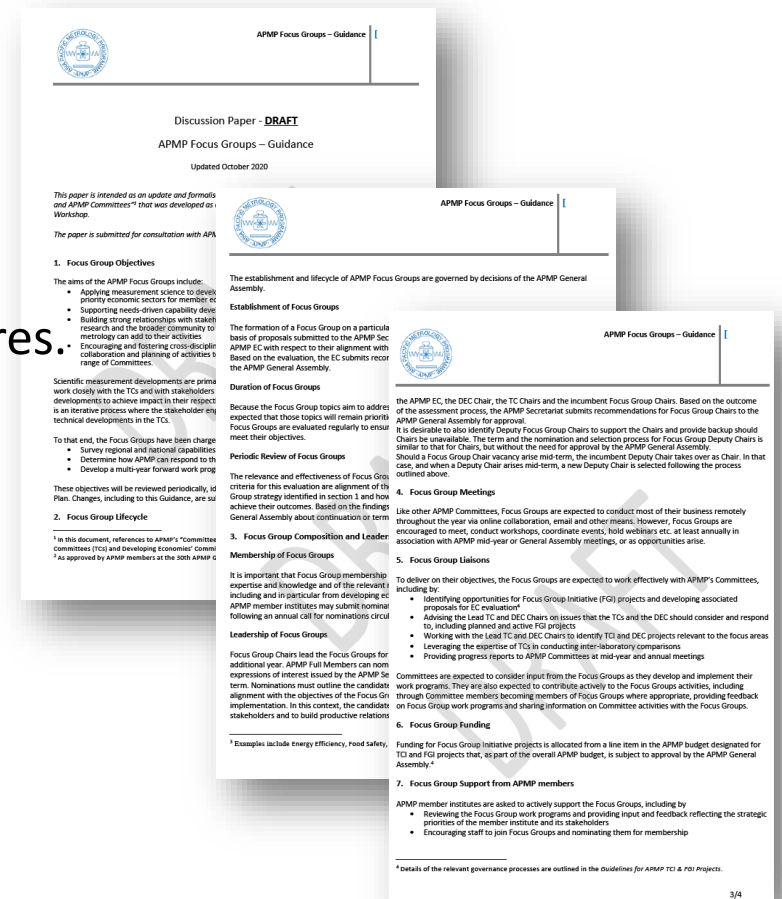
Objective

To update and formalize the draft guidance in 2015 and to sustain the operation of FGs with well-developed rules and procedures.

Content

- Objectives
- Lifecycle
- Composition and Leadership
- Meetings
- Liaisons
- Funding
- Support from APMP members

Status of progress: final draft ready for approval at GA 2020



3. Enhance governance quality & efficiency

APMP Website Renovation

MINETHINK

Advantage

KNOW MORE ABOUT THE CONSTRUCTION OF INTERNATIONAL WEBSITES AND BUILD WEBSITES FOR MANY INTERNATIONAL COMPANIES

- Single page management
- About the group
- Strategic layout
- News
- Group News
- Business Apartment renovation
- Multimedia Center
- Zhonghai Academic Foundation
- Join Zhonghai Tangle
- Contact us

<http://goodbye.kansas>

<http://www.konecrane>

List

id	title	classification	Language	Thumbnail	Update time	release time	release	top	recommend	operating
287	ASAP article list	announcement	Chinese		2020-03-04 12:17	2020-03-18 07:16	✓	✗	✗	Copy all details
89	Company and public information table	announcement	Chinese	✓	2020-08-18 12:57	2020-08-07 06:16	✓	✓	✓	Copy all details
284	Business Apartment renovation and Zhonghai Academic Foundation construction announcement	announcement	Chinese	✓	2020-08-18 15:36	2020-08-10 14:43	✗	✗	✗	Copy all details
283	Zhonghai Academic Group 2020 2nd Half Business Report and Zhonghai Academic Foundation	announcement	Chinese	✓	2020-09-14 09:59	2020-09-10 04:50	✓	✗	✗	Copy all details
282	Zhonghai Academic Group 2020 2nd Half Business Report and Zhonghai Academic Foundation	announcement	Chinese	✓	2020-09-14 14:49	2020-09-10 14:41	✓	✗	✗	Copy all details
281	Zhonghai Academic Group 2020 Business Report and Zhonghai Academic Foundation	announcement	Chinese	✓	2020-08-18 14:49	2020-08-10 14:45	✓	✗	✗	Copy all details

Timetable:

By June 2020: Website creation

By August 2020: Data migration

By Oct 2020: Trial operation & improvement

By Nov 2020: Formal operation

International Liaison

APMP-VAMAS MoU signed virtually on 4 June by Mr Fang Xiang and Dr. Michael Fasolka, Chair of VAMAS Steering Committee

SCSC SRB Workshop & Meeting (Malaysia, 08–10 February 2020)

- Participated by Dr Jan Herrmann
- Dr Jan Herrmann took over as SRB convener from January 2020 for 2 years

42nd JCRB (online, 8-10 September)

- Participated by Mr Fang Xiang, Dr Chu-Shik Kang, Dr YANG Ping, Dr Victoria Coleman and Ada
- Review and approval of updates to CIPM MRA G/P-series documents

2020 SIM GA (online, 19-20 November)

- Participated by Mr Fang Xiang

2020 APLMF GA (online, 3-4 December)

- Participated by Dr Angela Samuel with updates on DEN activities provided

Thank you!

APMP-Secretariat@nim.ac.cn