

# ACTIVITIES OF APMP CLEAN WATER FOCUS GROUP AND FOOD SAFETY FOCUS GROUP

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**26<sup>th</sup> ASIA-PACIFIC LEGAL  
METROLOGY FORUM AND  
WORKING GROUP MEETINGS**  
6-8 November 2019, Ha Long City,  
Quang Ninh Province, Viet Nam



# APMP CLEAN WATER FOCUS GROUP

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## BACKGROUND

- APMP Focus group is established with an aim to maximize metrology contribution to society by addressing inter-disciplinary issues directly relevant to the specific stakeholder sector (clean water, food, energy, etc.)
- NMI-Stakeholder engagement is a key factor in creating mutual understand of the needs and capabilities → follow up activities expected
- APMP member active participation in Focus Group activities is, therefore, expected to improve NMI capabilities in areas directly related those stakeholders → enable improvement of stakeholder capabilities



# CWFG Programs



To Conduct surveys on the national needs and NMI's capability in metrology for clean water



To encourage and facilitate NMI–stakeholder engagement

• Symposium, Workshop, Training, Project



To Identify NMI's needs and facilitate capacity building (in cooperation w/ TCs)

• Proficiency testing, Inter–laboratory comparison, Training, Workshop



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# CWFG Activities: Stakeholder Events

**SEPT. 2017: 1<sup>ST</sup> FG SYMPOSIUM, WORKSHOP & MEETING**



Symposium: 155  
participants



Follow-up activities



Workshop:  
participants

135

**FG Meeting:**

RCM-LIPI – Indonesia, KRISS - Republic of Korea,  
NIM – China, HSA – Singapore, STD ITDI DOST,  
Philippines, NMIM – Malaysia, PTKMR-BATAN,  
Indonesia, APCE-UNESCO, IAWW, Germany, RC for  
Limnology-LIPI



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# CWFG Activities: Survey on National Needs & NMI Capabilities



## Goals

1. To identify NMI Needs for Certified Reference Materials, PT, ILC & Traceability → It also reflects National Needs
2. To identify NMI capabilities  
→ **Planning of Capacity Building Activities (Training & Proficiency Testing & Inter-laboratory comparisons (ILC))**





# CWFG Activities: Planning Workshop

To develop planning of capacity building activities

(Training & Proficiency Testing & Inter-laboratory comparisons (ILC))

→ enable NMI to improve stakeholder capabilities

GATHERING  
IDEA

IDEAS  
GROUPING

IDEAS  
PRIORITIZING

PRIORITY  
SORTING  
& DETAIL  
PLANNING

PLENARY



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# PLANNED ACTIVITIES

NO.	TOPIC	HOST/V ENUE	DURATIO N	SCHEDULE	EXPE RT	REMARK
1	Awareness & Stakeholder Engagement Workshop	ITDI NMIA NPLI	@ 2 Days	May 2019 Nov 2019 2020	N/A	Non TECHNICA L
2	Anion & Cation Training (IC+MU)	NPLI  NIM NIMT- NRC	2-3 weeks  3 weeks 1 weeks	July 2019 → Nov.2019 End of 2019 2019	TCQ M	TECHNICA L  Medea
3	Heavy Metals (Trace/Drinking water) Training ICP-MS + MU	HSA NIM	2 weeks 3 weeks	2020 TBD	TCQ M	TECHNICA L
4	Nanometrology Training	NMIA	2 weeks	TBC		TECHNICA L
5	Standard Requirement ISO/IEC 17034, Guide 35 ISO 17043	SNSU- BSN	1 week	2020	TCQ M	Non TECHNICA



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# PLANNED PT/ILC (PROPOSED TO TCQM)



NO.	TOPIC	PILOT/ COORD. LAB	SCHEDULE	MATRICES
1	Metal/Trace Element - Pilot Study - Supplementary	NMIJ (APMP-P)* NIM NIMT	2019 - -	River water Sea water -
2	Biological - coliform, <i>E.coli</i>	NIM (APMP-P)*	Nov '18- Feb '19	
3	pH Measurement	NMIJ (APMP-K)* NIMT	2019 -	
4	Anion - Pilot Study - Supplementary	NIM**	Second half 2019	Sea water
5	Organochlorine Pesticide	NIM	2020	-
6	Electrolytic Conductivity	-	-	-
7	Radioactivity material in water	-	-	-

\*: already  
scheduled by  
TCQM

\*\* : Proposed  
to TCQM by  
NIM



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# APMP FOOD SAFETY FOCUS GROUP

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## BRIEF OVERVIEW OF FSFG

✓ Food Safety Focus Group (FSFG) was founded in 2015 under the APMP framework, aiming to enhance member economies' measurement capabilities in food safety area, thus to realize mutual recognition and to facilitate regional trade.

✓ In 2017, two new members: NMIM (Malaysia) and CSIRNPL (India) joined us, making FSFG now consisted of 15 NMIs/DIs, including:

GLHK (Hong Kong China), HSA (Singapore), KRISS (Korea), NIM (China), NIMT(Thailand ), MSL-IRL (New Zealand), NIS (Egypt), NMIA (Australia), NMIJ (Japan), NMISA (South Africa), NRC (Canada), STD-ITDI (Philippines) , TISTR (Thailand), NMIM (Malaysia) and CSIRNPL (India)



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# 4 FSFG ANNUAL MEETINGS

## 1<sup>st</sup> FSFG Meeting Beijing, China, 2015

- Theme: *Metrology in Food Safety*
- 20 delegates participated in the meeting

## 2<sup>nd</sup> FSFG Meeting Danang, Vietnam, 2016

- Theme: *Measurement and Standard for Grain Food Safety and Free Trade*
- 52 participants from 25 economies attended the meeting

## 3<sup>rd</sup> FSFG Meeting New Delhi, India, 2017

- Theme: *Food Safety Activities in Member Economies*
- 28 participants from 12 economies attended the meeting
- Australia, China, Japan, Korea, Malaysia, Philippines, Singapore, Thailand reported on food safety activities in their economies

## 4<sup>th</sup> FSFG Meeting Singapore 2018

- Theme: Measurement and Capability Building in Residues of Veterinary Drugs in Meat & Seafood
- 33 participants from 16 economies attended the meeting



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## Main activities

**IN 2016**, THE APEC REGIONAL WORKSHOP ON 'MEASUREMENT AND STANDARDS FOR GRAIN FOOD SAFETY AND FREE TRADE' ON NOV. 9-10 IN DA NANG, VIET NAM;

**IN 2017**, SPONSORED BY THE APEC COOPERATION FUND OF CHINA, A WORKSHOP ON 'APEC WORKSHOP ON CAPACITY BUILDING OF MEASUREMENT STANDARDS AND TECHNOLOGIES IN GRAIN FOOD SAFETY' HELD ON OCTOBER 12-13, 2017 IN BEIJING, CHINA;

**IN 2018**, AFRICA FOOD SAFETY WORKSHOP: 2018 WAS HELD ON 4-8 JULY, 2018 IN SOUTH AFRICA, AND A FOLLOW-UP ORGANIZED;

**IN 2018**, A FSFG & TCQM JOINT WORKSHOP ON 'MEASUREMENT AND CAPABILITY BUILDING IN RESIDUES OF VETERINARY DRUGS ON MEAT & SEAFOOD' WAS HELD ON 23 NOVEMBER, 2018 IN SINGAPORE; AN ON-SITE LABORATORY DEMONSTRATION AND A FOLLOW-UP STUDY ORGANIZED;

**IN 2019**: A TWO-DAYS WORKSHOP UNDER THE TOPIC OF 'CASE STUDY FOR FOOD SAFETY METROLOGY CAPACITY BUILDING' WILL BE HELD ON 25-26 OCTOBER, 2019, BEIJING, CHINA .



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Thank You