

# PROMOTING REGIONAL COOPERATION IN METROLOGY IN THE ASIA-PACIFIC REGION

**MEDEA 2.0**

**Metrology - Enabling Developing Economies in Asia**

## Progress Report

26th Asia Pacific Legal Metrology Forum  
and Working Group Meetings

6th November 2019, Ha Long, Vietnam

A. Rashid ZA/Corinna Weigelt



# Update on MEDEA 2.0

## Objective:

The ability of the regional metrology networks in Asia to support metrology in developing economies has been further improved.

MEDEA 2.0 project term (05/2018 - 04/2021) - the joint project of APMP, APLMF and PTB, funded by the Federal Ministry for Economic Cooperation and Development, Germany.

**History:** MEDEA 1.0 (2014 to 2017)

# Update on MEDEA 2.0

## **APLMF Coordination Committee MEMBERS**

Stephen O' Brien: President of APLMF

Marian Haire: Training Coordinator

Haslina Abdul Kadir: QMAP Deputy Working Group Chair

## **APMP Coordination Committee MEMBERS**

Dr. Angela Samuel: APMP DEC Chair

Dr. Chu-Shik Kang: APMP Lead TC Chair

Dr. Charun Yafa: APMP MiC Focal Person

## **Change of Project Coordinator**

From Dr. Sabine Greiner to Ms. Corinna Weigelt, effective June 2019

# Intervention Area A: Sustainability

- 1) APLMF Working Groups (WG Coordinators: Stephen O'Brien & Marian Haire)  
**Activities in progress (Re-energizing WGs)**
- 2) Development of Online Library (WG Coordinator: Stephen O'Brien)  
**Activities in progress (e-learning)**
- 3) Establishment of a Knowledge Management System (WG Coordinator: Angela Samuel)  
**DEC already set up a task force**
- 4) Development of a Monitoring & Evaluation System (A. Rashid & Marian Haire)  
**Already part of the MEDEA Procedure**
- 5) APMP Focus Groups (WG Coordinators: Chu-Shik Kang & Angela Samuel)  
**FG Awareness Workshop in Cebu**
- 6) Writing of Case Studies (WG Coordinator: Corinna Weigelt)  
**A workshop is planned in 2020**

# Intervention Area B: Regional Cooperation

- 1) Implementation of the CABUREK Tool  
(WG Coordinators: Alexis Valqui & Corinna Weigelt)  
1<sup>st</sup> Workshop, Bangkok (29<sup>th</sup> Oct - 2<sup>nd</sup> Nov, 2018)  
2<sup>nd</sup> Workshop, Colombo, Sri Lanka (9<sup>th</sup> to 11<sup>th</sup>, Apr 2019)  
3<sup>rd</sup> Workshop, Indonesia, 11<sup>th</sup> - 15<sup>th</sup> Nov, 2019  
4<sup>th</sup> Workshop

2-year project within the 3-year MEDEA 2.0

CABUREK = Capacity Building Using Regional Experience and Knowledge

- 2) Harmonized Pool of Trainers and Training modules  
(WG Coordinators: Marian Haire & Chu-Shik Kang)  
In- progress

# CABUREK 2nd WORKSHOP

9th to 11th April, 2019, Colombo, Sri Lanka



## Outputs:

2 year Operational Plan  
6-month National Project Plan  
Host organized a National Awareness on Utility Meters

Knowledge delivered on SWOT /TOWS Tool, Strategic Planning Tools, Awareness Raising and Needs Assessment

\*Each economy funds its own project

Special Thanks to

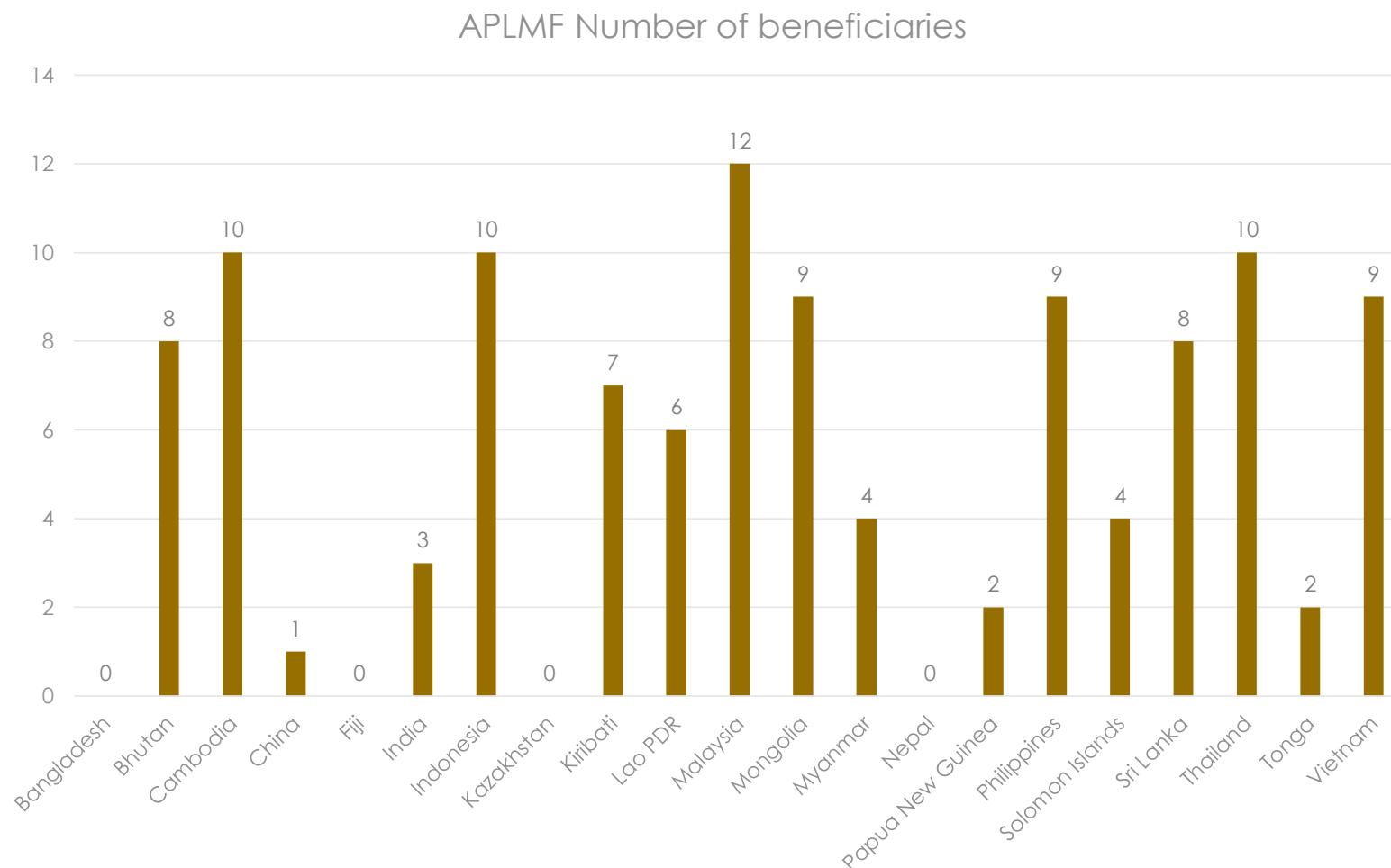


# Intervention Area C: Technical Training

- 1) **Trainings in Industrial/Scientific Metrology (WG Coordinators: APMP CC Members)**
  - Electrical - Advanced Electricity under planning
  - GPS - Training on National Standard Time, proposal under review
  - Medical Devices - Medical ultrasound metrology, proposal under review
  - Infrared thermometry
  - Air temperature
  - Metrology in Chemistry
  - KRISS GMA Courses - Completed two trainings in 2019
  - Sound level - Noise measurement, proposal under review
- 2) **Trainings in Legal Metrology (WG Coordinators: APLMF CC Members)**
  - Verification of Non-automatic Weighing Instruments including Weighbridges - completed
  - Verification of Rice Moisture Meters - completed
  - Software verification for Measuring Instruments (staff attachment at the PTB) - completed
  - Workshop on Water Meter R49 - completed
  - Type approval seminar reference to OIML Certification System - completed
- 3) **Development of Guides (APMP & APLMF)**
  - Guides on Prepackaged Goods, NAWI for weighbridges already published



# MEDEA Statistics of Participation

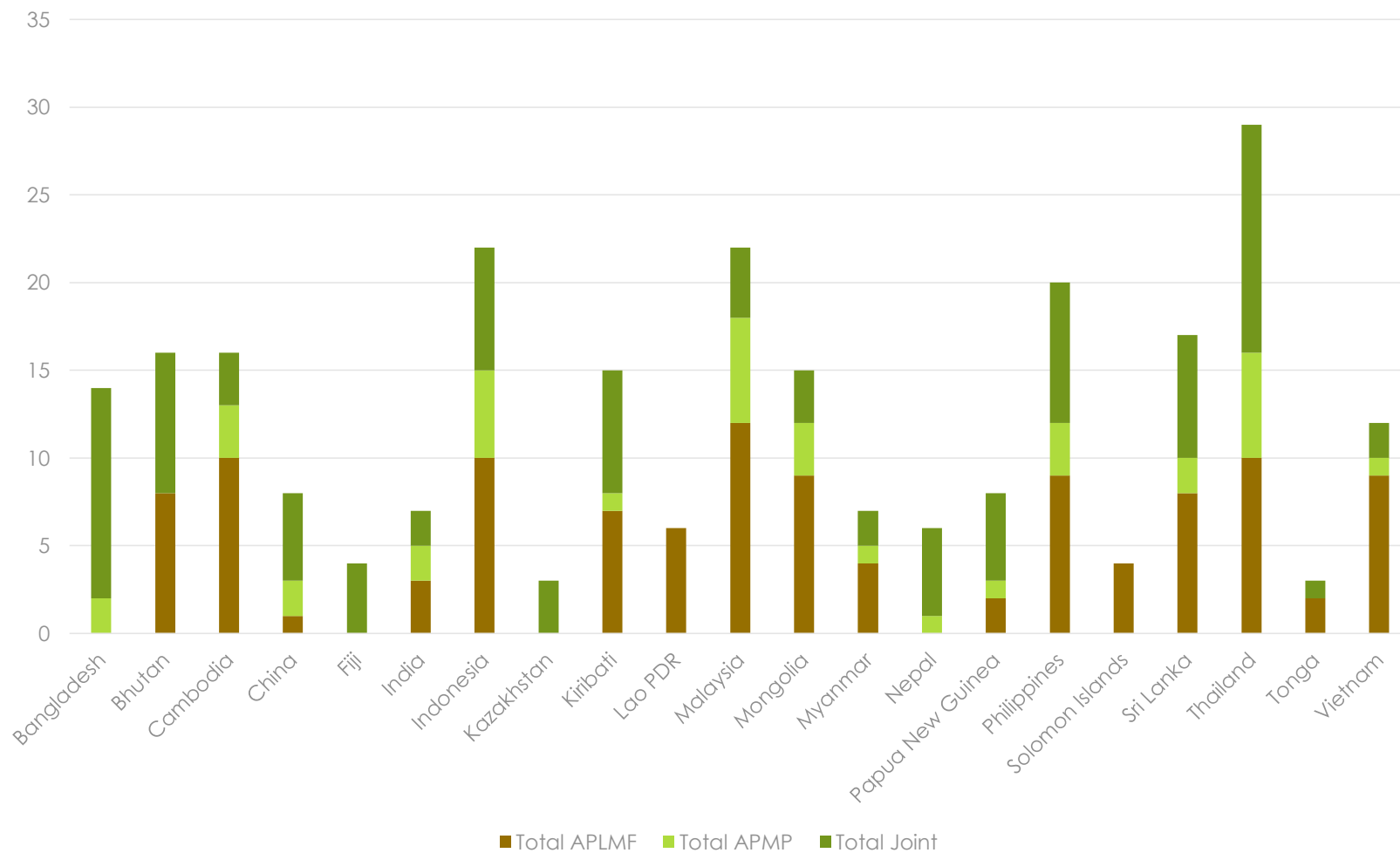


Only APLMF trainings, Working Group meetings



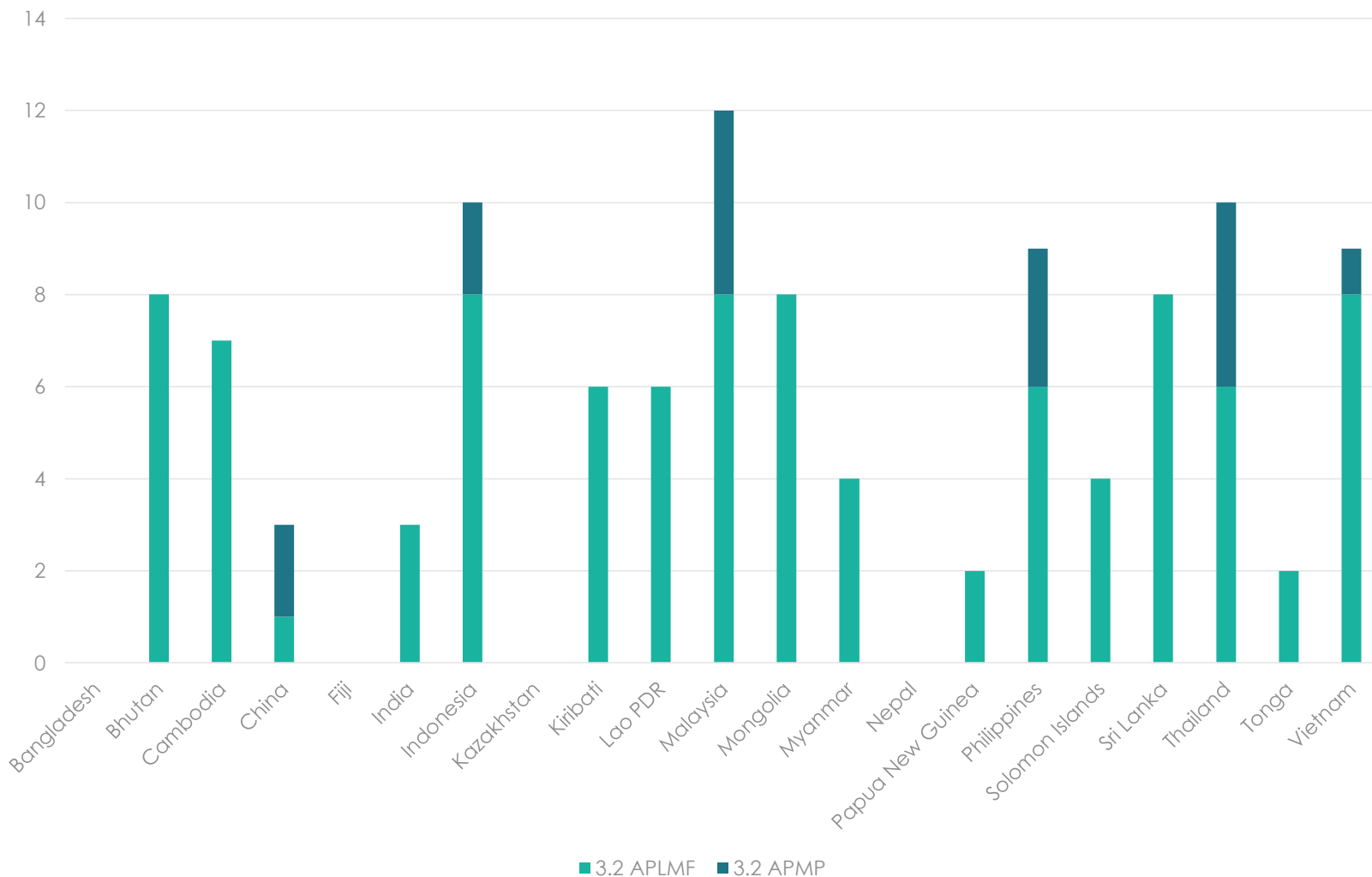
# MEDEA Statistics of Participation

Number of beneficiaries all workshops



# MEDEA Statistics of Participation

Number of beneficiaries in trainings by APMP/APLMF

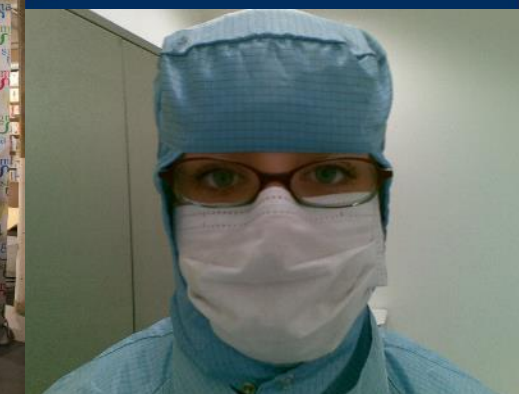




# Upcoming Workshop

## Case Studies: How to Tell Better Metrology Stories

# The trainer



# What?

- A two-day, hands-on workshop
- Designed to help metrologists become more effective communicators
- Practical guidance on writing engaging case studies
- Learn some of the key techniques of science communication, e.g. storytelling, interviews, and working with media
- Develop your own case study
- Leave with the skills to write many more

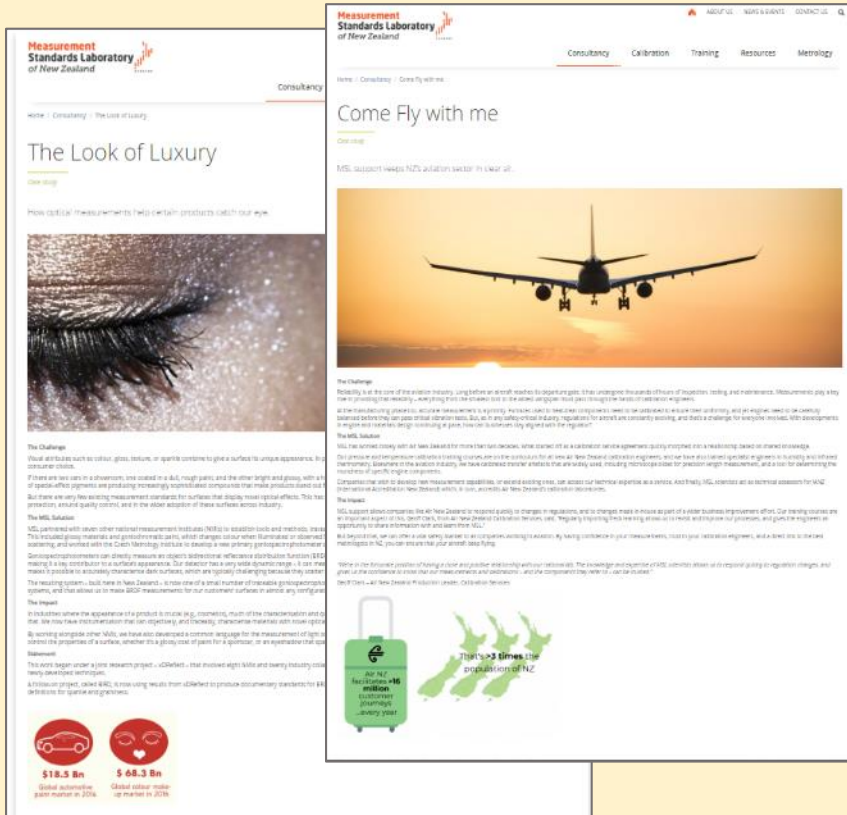
## Who?

- Measurement scientists
- Legal metrologists
- Communications specialists working in the metrology sector

## When & Where?

- **Mid-2020**
- **Location to be confirmed**





- Explore good (and bad) case studies from elsewhere
- Work together to develop your specific case study
- Try the online tools that will help your case study stand out

- Learn how to identify your audiences, and tailor your message to reach them
- Gain confidence in speaking and writing about your work

# Participants must...

- Provide a brief summary of 2-3 stories they wish to develop – this is part of the application process
- Over the two days of the course, produce an advanced draft of one case study. Some homework required.
- Commit to finalising this case study and publishing it on the Metrology Asia Pacific web portal within 6 weeks of completing this course
- Write at least two further case studies in the following 3 months



# How to apply

A nomination form is available from Anne Höpfner

Selection of participants will be based on the following criteria:

- Current provision of communications support within your institute
- Your role and responsibility for the production of case studies
- The quality, relevance and newsworthiness of your proposed case studies
- Willingness to share training resources and learnings with colleagues in your economy

# Outlook

- Case Study Workshop
- Support of Working Groups, especially development of E-Learning modules
- Web portal and knowledge management system
- CABUREK
- Trainings1:
  - Testing and calibration of non-invasive sphygmomanometers (11-15 November 2019)
  - Belt weigh instruments (to be confirmed)
  - Pre-packaged goods (to be confirmed)

# Lessons Learned

- MEDEA Procedures
- A big part of the project is focused on CABUREK
- Target group oriented trainings and applications
- Implementation of monitoring and evaluation system:  
Action plans and update after 6 month on Action Plans  
Information to management

THANK YOU FOR YOUR COOPERATION!