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

APLMF Number of beneficiaries

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
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
We will

• 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

You will

• 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

- Trainings 1:
  - 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!