



**27th ASIA-PACIFIC LEGAL
METROLOGY FORUM
ONLINE MEETINGS
3-4 December 2020**



Training Coordinator's Report

Presented by: Marian Haire





Key activities of 2019/20

- Joint webinar on how to write great case studies - 70
- 3 CABUREK online meetings using Mural and Zoom
- Completed NAWI eLearning module and a pilot
- Conducted pilot of fuel dispenser eLearning module
- Created a plan to deliver training online in 2021
- Liaised closely with the WGs to provide support
- Many CC and CABUREK online meetings



Strengthening the Working Groups

- **QMAP:** draft meter to meter comparison method for the verification of rice moisture meters.
- **PPG:** draft test procedures for eLearning module and an online training course to be delivered in March 2021
- **Utility meters:** online course for electricity meters to be delivered in January 2021 and will work toward an eLearning module for electricity meters



Strengthening the Working Groups

- **NAWI:** completed test procedures for eLearning module for spring scales and weighbridges - now working on animations
- **OIML CS:** conducted a survey on uptake of the OIML CS system
- **MCS:** scholarship system for 2 metrologists to spend 3 weeks in China



eLearning module schedule

Delivery date	Topic	WG responsible
2020	NAWI	New Zealand
2020	Fuel Dispensers	Australia
2022	AQS	Goods Packed by Measure
2023	Rice moisture meters	QMAP
2022	Spring balances	NAWI
2022	Weighbridges	NAWI



eLearning module schedule

Delivery date	Topic	WG responsible
2021	OIML CS	OIML Certificate system
2021	Taxi meters	Metrological Control Systems
2022	Electricity meters	Utility Meters
2022	Bulk fuel	Metrological Control Systems



Web Portal

- Call for nominations for joint APLMF/APMP Web Portal WG
- TOR written
- Members will receive PD to help them grow in the task



MEDEA 3

- Sustainable Development Goals (SDGs).
 - 9 Industry, innovation and infrastructure (13 votes)
 - 3 Good Health and wellbeing (12 votes)
 - 7 Affordable and clean energy (6 votes)
- Will use the World Bank Toolkit on quality infrastructure, especially the parts of the Rapid Diagnostic Toolkit on metrology and legal metrology to monitor progress
- Workshop held on 19 Nov to explain how we will use this toolkit



Future Training

Topics	Supported by	Delivery Dates
Verification of Bulk Flowmeters	Australia	February 2021
Pre-Packaged Goods	Indonesia and NZ	3, 10, 17 & 24 March 2021
Electricity meters	Korea and China	January 2021
Writing Case Studies	Laurie Winklass	May/June 2021
Pattern approval of software	Malaysia	End of 2021
Belt weighers	Australia	2022
Weighing in Motion	Malaysia	2022



Evaluation of MEDEA 2

- Web Portal showcases importance of metrology to society
- CABUREK model useful for long term growth and development
- eLearning, online trainings important but combine with face-to-face events whenever possible and applicable
- Management and leadership trainings including communication/cooperation with Government + networking.
- Align plans with national strategies
- Capacity building is needed not only on the individual level
- Include knowledge management in all training
- M+E critical for judging the effectiveness of projects.



WG Work Plans

- QMAP: will complete the verification of rice meters using the comparison method
- PPG: will deliver an online training course and continue to develop their eLearning module
- NAWI: will continue to develop their spring scales and weighbridge eLearning module
- Utility Meters: will deliver an online course on pattern approval and verification of electricity meters and start to plan for an eLearning module
- MCS: will plan an online joint OPT/APLMF event and implement the scholarship scheme
- CS: will provide analysis of the survey conducted in 2020 and start to develop an eLearning module



*Thank you for your
attention*