Report on Training Coordination

Presented by: Mrs Marian Haire
APLMF Training Coordinator
• **WG Members:**
  - Marian Haire
  - Phil Sorrell
  - Stephen O’Brien
  - Kim Truscott
  - Kathryn McCarrison
<table>
<thead>
<tr>
<th>Course</th>
<th>Venue/host</th>
<th>Trainers</th>
<th>Delivery dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-packaged goods OPTC-MEDEA</td>
<td>China</td>
<td>China and New Zealand</td>
<td>10-13 April 2018</td>
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<tr>
<td>Verification of NAWI including weighbridges</td>
<td>Malaysia</td>
<td>Malaysia, Philippines and Australia</td>
<td>8-11 May 2018</td>
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<tr>
<td>Specialist training for WG on QMAP</td>
<td>Thailand</td>
<td>Thailand and Japan</td>
<td>3-6 July 2018</td>
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<tr>
<td>Verification of rice moisture meters</td>
<td>Thailand</td>
<td>Thailand, Malaysia, Japan</td>
<td>3-7 December 2018</td>
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Key feature of this year’s work

• Expansion of WG for QMAP
• Now includes representation from 5 developing economies: Malaysia, Thailand, Indonesia, Vietnam and Cambodia
• Q MAP focused on transfer of knowledge and supporting members to implement
• Supporting the work in ASEAN WG3 group
Key activities of 2017/18

• eLearning NAWI

• WG for Metrological Control is willing to develop additional eLearning modules using the guide test procedures we have listed on APLMF website

• WG for Metrological Control is looking for volunteers for this work.
MEDEA 2

• Planning meeting held in July 2018 in Hongkong to develop operational plan

• Activities must meet the objectives:
  – Sustainable regional cooperation,
  – Regional cooperation instruments, and
  – Technical Training
Sustainable regional cooperation

We will:

• Strengthen the Working Groups to ensure they have representatives from developing economies and are delivering appropriate support

• Deliver online training and a knowledge management system

• Develop a sound monitoring and evaluations system
Regional Cooperation Instruments

We will:

• Use CABUREK tool to deliver projects on:
  – *Raising awareness of metrology,*
  – *Needs assessment for new services,* and
  – *Market surveillance.*

• 5 meetings over 2.5 years

• Colleagues and coaches support participants to implement projects in their economy
Regional Cooperation Instruments

We will:

• Identify regional trainers from developing economies who will be available to deliver training to less developed economies

• Publicise case studies that promote the value of legal metrology
Technical Training

We will:

• Deliver courses and create guide documents:
  – Verification of NAWI including weighbridges
  – Verification of rice moisture meters
  – Pattern approval and verification of utility meters (water, gas and electricity)
  – Verification of belt weighers (automatic weighing)
  – Software verification
  – OIML certification system
Indicators of success

• Published case studies showing how APLMF is integrating and supporting developing economies.

• All WGs have new members from the Developing Economies.

• Three additional regional experts from developing economies deliver at least one training course in a new topic.

• The CABUREK tool has been implemented in the region.

• Publication of five new guide documents outlining suitable test procedures for the verification of different instrument types.
MEDEA management

• Your representatives on MEDEA 2 CC are:
  – Marian Haire APLMF Training Coordinator
  – Stephen O’Brien, President APLMF
  – Haslina Binti Abdul Kadir, NMIM, Malaysia

• Technical Committee overseeing CABUREK will have two people responsible for monitoring progress of the various projects. They are:
  – Abdul Rashid Zainal Abidin from Malaysia, and
  – Marian Haire representing APLMF.
New guide test procedures

• These test procedures were added to Guide 7
  – Verification of NAWI (without weighbridges)
  – Verification of rice moisture meters
  – Verification of taxi meters
  – Verification of bulk flowmeters
  – Verification of domestic water meters.

• Guide 7 is an excellent reference to assist with the implementation of verification in your economies.
Test procedure Surveys

• Non-Automatic Weighing Instruments (NAWI) including weighbridges.
• An updated survey for prepackages representing 2017 version of R 87
• Support this process by completing the survey
## Future training courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Venue/host</th>
<th>Trainers</th>
<th>Delivery dates</th>
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</thead>
<tbody>
<tr>
<td>Pattern approval and verification of water meters</td>
<td>Sepang, Malaysia</td>
<td>Malaysia</td>
<td>October 2019</td>
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<tr>
<td>Pattern approval and verification of electricity meters</td>
<td></td>
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<td>2020</td>
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<tr>
<td>Pattern approval and verification of gas meters</td>
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<td>2020-21</td>
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<tr>
<td>Verification of coffee bean /bean moisture meters</td>
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<td>2019 2020</td>
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<tr>
<td>Verification of belt weighers</td>
<td></td>
<td></td>
<td>2019</td>
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<tr>
<td>Software verification of measuring instruments</td>
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<td>2019 2020</td>
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<tr>
<td>Type Approval using OIML CS</td>
<td></td>
<td></td>
<td>2019</td>
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Thank you for your attention