

Work Package Joint 1

Draft Concept

Objective:

To assist developing economies develop and benefit from a modern national metrology infrastructure.

Expected outputs

1. Developing economies will be able to better understand the extent and benefits of a modern metrological infrastructure.
2. Developing economies will be better able to influence stakeholders in the development of national requirements for metrological infrastructure.

Background.

Arising from a decision to reorganize its working groups, APLMF held a series of small working groups in 2008 to develop guidance documents to support developing economies in the region. Of these, Guide 1 provided an overview of metrology generally, legal metrology in particular and linkages between the legal and scientific metrology. It also provided improved access to OIML documents that may otherwise be intractable to developing economies.

What was missing was a formal process for promoting the guide and actively raising the understanding of metrological infrastructure within developing economies.

Phase 1: Revision of Guide 1

Since Guide 1 was developed, much has changed. OIML D1 that was entitled “Elements for a law on Metrology” was revised and published in 2012 with the title “Considerations for a Law on Metrology”. It is far more comprehensive and references to D1 within Guide 1 need to be revised.

There have been changes in the OIML MAA that have implications for all economies and should be reflected in Guide 1. OIML Document D11, D16 and D18 have also been revised since Guide 1 was developed and changes should be taken into account. In addition as technology advances, there is an increasing need for metrology, both scientific and legal in existing fields and in new fields.

Finally, the Guide was written from a legal metrology perspective and targeted primarily at legal metrology practitioners. While it covers aspects of scientific

metrology, the scope and the document title will need to be revised to make it a joint publication.

Accordingly, it is proposed that Guide 1 be revised. The first step will be the preparation of a revised scope by the working group comprising Abdul Rashid Bin Zainal Abidin, Toshiyuki Takatsuji, Marian Haire and Grahame Harvey. The aim will be to prepare a draft concept for discussion with delegates at the forthcoming regional meetings. Given the timing of the meetings, it may be possible to also prepare an outline of the first committee draft (CD1) of the revised document for discussion at the APLMF meeting.

Phase 2: Promotion of Metrological Infrastructure

Once the Guide has been revised it could be promoted by means of a seminar or seminars. There are several options for this:

- in association with regional APMP and APLMF meetings,
- as a separate seminar in a host economy, and/or
- as a short seminar associated with some other regional training events.

This will be discussed within the working group and a proposal developed for the Coordination Committee.

Timing

Revision of Guide 1

Agreement of WG on draft concept	by 18 September 2014
Comments from Coordination Committee	by 3 October 2014
Revised concept to PTB Project Coordinator for approval	by 8 October 2014
Draft scope of Guide 1 agreed by SWG	by 31 October
Discussion of concept and draft scope of Guide 1 at APLMF meeting	9-12 November
Revise scope of guide 1 and prepare CD1	1 May 2015
Obtain comment from Coordination Committee and prepare 2CD	1 August 2015
Seek approval of revised Guide 1 at 2015 regional forum meetings	late 2015

Promotion of Guide 1

Proposal(s) considered within WG following feedback from regional meetings	by 12 December
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Obtain comment from Coordination Committee	by early February 2015
Plan promotional campaign (including hosts, attendees, etc.)	by May 2015
Obtain approval of regional forums (out of session?)	1 August 2015
Build promotional campaign into forum work programs.	n/a