



Organisation Internationale de Métrologie Légale

International Organization of Legal Metrology



# **CEEMS AG Report to CIML**

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# Introduction

CEEMS AG 2019 meeting was held on 21<sup>st</sup>  
October 2019

Attendance: 15 of 20 members were present



# CEEMS AG Work Programme 2018-19

Activity concentrated on the following seven main areas of activity:

- developing the CEEMS web pages on the OIML website, including publication of a database of experts available for consulting work;
- finalising the strategy for “OIML Training Centers” (OTC) and OIML Training Events (OTE);
- promoting OTC and other training events while the strategy is being finalised;
- developing a suite of e-Learning modules to support a variety of training needs;
- developing proposals for a scholarship programme for future leaders in CEEMS;
- working with Australia on a proposal for a pre-market surveillance pilot within APLMF to study Conformity to Type problems;
- supervising three projects to revise OIML International Documents D 1, D 14 and D 19.



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# A new identity for OIML's CEEMS work





# Scholarship programme for future leaders in CEEMS

## Background

□ According to studies such as

- CEEMS surveys in 2015 and 2018
- Seminar on Metrological Control Systems (2016 in Guangzhou)
- MEDEA Survey Legal Metrology 2014-2017

□ Key findings

- Lack of human resource
- Lack of competence personnel
- Loss of personnel/transferred to private sector

□ Initiatives within INetQI

- UNIDO : Junior Professional Officer (JPO) Programme since 1972
- WBG: Young Professionals Program (YPP)
- BIPM: Leaders of tomorrow under CBKT
- ISO: Initiative on leaders of tomorrow



# Scholarship programme for future leaders in CEEMS

## Strategy

- Providing service to OIML
- Opportunities for realize value, and contribute to OIML
- High-level involvement with the OIML core work

## Objectives

- Steadily growing, increase numbers of talents to OIML
- Optimizing the talents structure in OIML
- Promote competitiveness of talents
- Effectively use talents for the OIML core work.

## Outcomes

- Development of CEEMS new LMA/NMI leaders
- Development of individuals to participate in TC work
- Development of individuals to participate in OIML-CS work
- Development of “champions” of capacity building schemes



# Scholarship programme for future leaders in CEEMS

## Program and methodology

- Target
- Selection criteria/priority
- Selection process
- Training methods
- Training mechanism

## Implementation steps

- Pilot phase 2020-2023
- Full implementation phase 2023-20??

## Information for sponsors

- Financial Support
  - ❖ Outside
  - ❖ Own
  - ❖ From members
- In-kind support:
- Acknowledgment



# Proposal for a revised D 1

## A Proposed New Name:

National Metrology Systems

Developing the institutional and legislative framework

A Joint Publication of BIPM and OIML





# Proposal for a revised D 1

## Limited revisions proposed in June 2018

Main changes were:

- Clearer explanation of the relationship between voluntary standards and compulsory technical regulation
- Explanation of the two views of legal metrology - that is (a) the application of legal requirements to metrology and (b) the application of metrology to legal requirements
- Better description of the concept of a National Quality Infrastructure as it has developed in recent years and the place of metrology in such an Infrastructure
- Definition of Market Surveillance which was more appropriate for legal metrology purposes
- Removal of the concept of a National Legal Metrology Institute – not actually a good description of approach adopted in countries which do not look to their NMIs to carry out all legal metrology functions.



# Proposal for a revised D 1

## New Structure for D 1:

Part 1 - Introduction

Part 2 - The importance of metrology

Part 3 - The concept of a National Metrology System

Part 4 - The place of a metrology system in a wider National Quality Infrastructure

Part 5 - The role of Government

Part 6 - The international dimension

Part 7 - Policy options

Part 8 - Legislating for Metrology

Part 9 - Developing a metrology system for the future

Annex A - Elements of a legal framework for metrology

Annex B – A Model Law on Metrology



# Proposal for a revised D 1

## What is New:

1. Concept of a National Legal Metrology Institute now dropped - national (or central) legal metrology authorities, recognising the some and possibly all of these functions might be carried out by an NMI.
2. Local Metrology Authorities renamed Local Legal Metrology Authorities, as it did not seem they have functions outside the legal metrology area.
3. BIPM has revised text on NMIs, national measurement standards and traceability
4. Part 6 (the international dimension), is much expanded to pick up (and update) the material in the APLMF/APMP Guide 1, including on RLMOs
5. An expanded 7.2 contains a lot more on the sectoral policy questions
6. There is a new 7.3.3 concerning the relationship with other QI bodies at the national level



# Proposal for a revised D 1

## What is New (2):

1. The concept of a Central Metrology Authority (which does not easily read across to the structures actually used in most countries) has been replaced with more general wording on central government co-ordination
2. There is a new 7.5 on Regulatory and Enforcement options which brings in some material from Guide 1.
3. 7.6 (funding) has been expanded and split between NMI funding and legal metrology funding
4. Advice on legislating for metrology is now split between Part 8 (general advice), the “Elements” (effectively a checklist) and the Model Law itself.
5. There is a completely new Part 9 on keeping the system up to date.



# e-Learning Workshop, 21 October

- What exists today – APLMF, UNIDO, IEC, OIML
- What are the needs and priorities of economies?
  - What do economies want?
  - What are their needs?
- What should we do in the future?



## Common priorities

- 1) R 76      **Non-automatic weighing instruments**  
*Verification officers/inspectors, manufacturers, consumers*
- 2) R 117     **Fuel dispensers**  
*Verification officers/inspectors, manufacturers, consumers*
- 3) D 31      **Software**  
*Verification officers/inspectors, test laboratories, manufacturers*
- 4) **Basic legal metrology including D 1**  
*Students, Law makers*
- 5) **Prepackages**  
*Verification officers/inspectors*



## Next steps

- Outcomes fed back to the CEEMS Advisory Group (AG) and RLMO Round Table
- CEEMS AG to develop proposal in form of a draft resolution to be considered at CIML meeting



## Next steps

CEEMS AG agreed that e-Learning should be an area of priority for OIML and is ready to take a lead in working with BIML on:

- Priorities for future modules
- Securing expert input from TCs and others
- Collaborating with others, including RMLOs
- Ensuring a «fit for purpose» platform and technology
- Funding – mechanisms and sources





# Thank you for your hard work

- Participants
- Speakers
- Team

