



International Organization of Legal Metrology

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Organisation Internationale de Métrologie Légale

29th COOMET Committee Meeting  
Dresden, Germany

3-4 April 2019

**Update from the OIML**

*Anthony Donnellan*  
*BIML Director*



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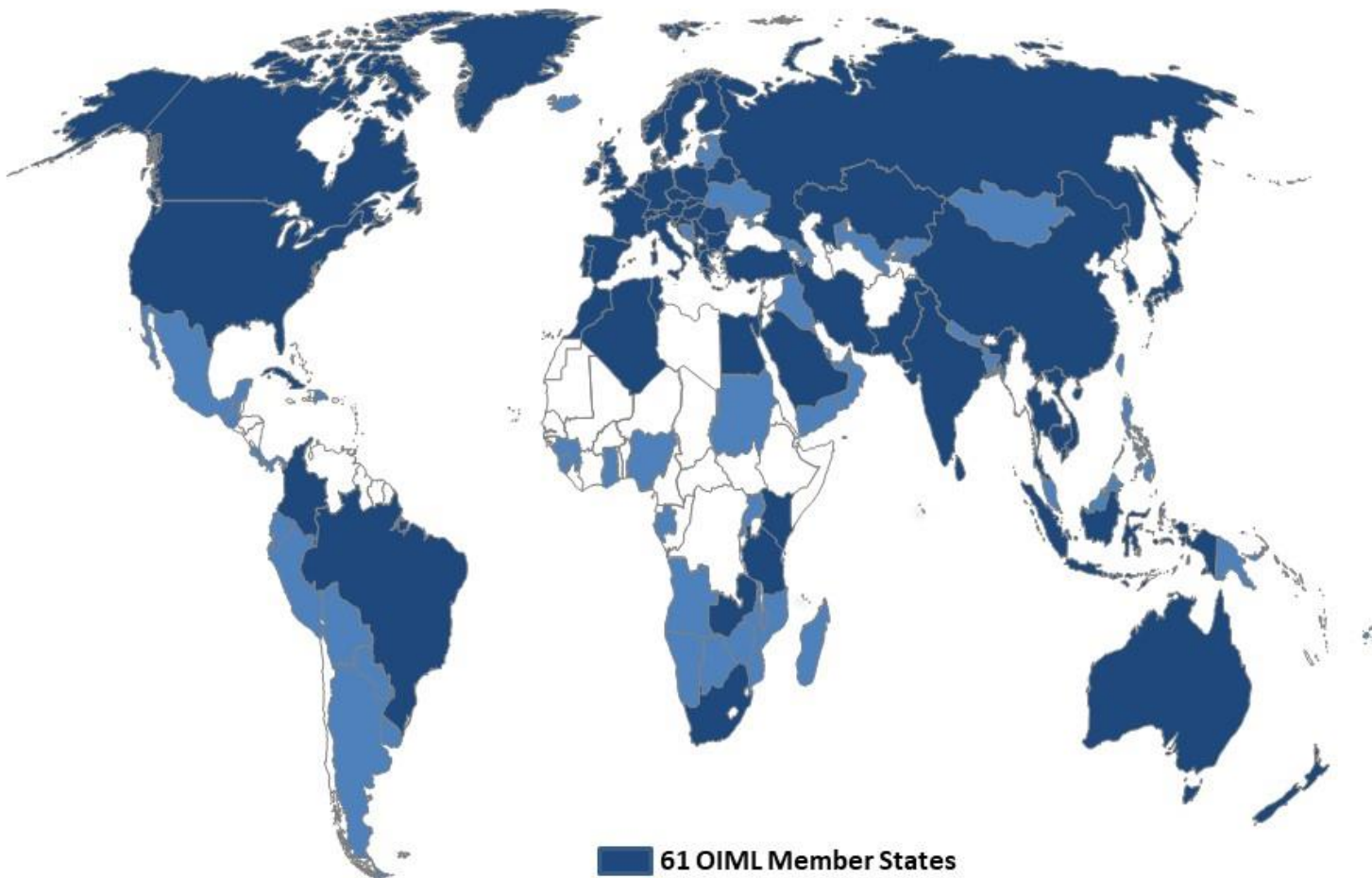
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# Membership (as at 2019-02)

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61 OIML Member States

60 OIML Corresponding Member Countries **2018: + Kiribati**

1 OIML Corresponding Member Organization: UEMOA



# 53rd CIML Meeting

## Hamburg, Germany 9-12 October 2018

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**175 Participants from 51 Member States  
and 16 Corresponding Member States**



# Publications approved by the 53rd CIML

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- Approval of the Final Draft Basic Publication B 18  
*Framework for the OIML Certification System (OIML-CS)*
- Approval of the following Final Draft Publications:
  - Revision of R 139 *Compressed gaseous fuel measuring systems for vehicles*
  - New Document: *Guide for the application of ISO/IEC 17065 to assessment of certification bodies in legal metrology*





# New projects approved by the 53rd CIML

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- Development of a new Recommendation on *Instruments for measuring the vehicle exhaust soot particle number (PN)* – TC 16/SC 1
- Development of a new Recommendation *Ophthalmic instruments – non-contact tonometers*, or the revision of the existing R 145:2015 *Ophthalmic instruments - Impression and applanation tonometers* - TC 18
- Development of a new Document *Surveillance of utility meters in service on the basis of sampling inspections* - TC 3/SC 4
- Development of a new Document *Petroleum measurement tables* – TC 8
- Development of a new Document *Pipe provers for testing of measuring systems for liquids* - TC 8



## New projects approved by the 53rd CIML

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- Revision of R 51 *Automatic catchweighing instruments* - TC 9/SC 2
- Revision of R 134 *Automatic instruments for weighing road vehicles in motion and measuring axle loads* – TC 9/SC 2
- Revision of D 14 *Training and qualification of legal metrology personnel* - CEEMS AG
- Revision of D 19 *Pattern evaluation and pattern approval* - CEEMS AG



# Staff changes

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- CIML First Vice-President:  
*Charles Ehrlich*
- CIML Second Vice-President:  
*Yukinobu Miki*
- BIML Director:  
*Anthony Donnellan*
- Assistant Director renewal for five years:  
*Ian Dunmill*
- Assistant Director took up office in Jan 2018:  
*Paul Dixon*
- 2-year secondment (support of CEEMS activities):  
*Guo Su (P.R.C)*

**Meet the Team:**

**<https://www.oiml.org/en/structure/biml>**





# OIML Certification System

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**MAA**



**OIML-CS**



**Since  
1 January, 2018**



# Motivation for the OIML-CS

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- 1. Unification of the two systems that existed in parallel**  
(Basic and MAA Certificate Systems)
- 2. Improvement of the management / governance**
- 3. Opening and attracting more participants**  
(especially "Utilizers" not having own test laboratories)
- 4. Opening to include more measuring instrument categories** (MAA only three)
- 5. Improvement of worldwide acceptance of OIML Certificates and OIML Test / Evaluation Reports**  
(e.g. by closer cooperation of participants in the new Management Committee)



# Countries and Economies with Emerging Metrology Systems (CEEMS)

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At the 52nd CIML Meeting in 2017 the OIML formally established an **Advisory Group (AG) for CEEMS activities**.

At its 53rd Meeting in 2018, the CIML passed a very detailed **Resolution (No.2018/15)** to define the objectives of the OIML in favor of CEEMS and to pave the way for future activities.

## 1. Role and functions of the AG

The AG may e.g.

- guide and assist CEEMS in establishing and/or improving their national metrological systems
- explore funding opportunities from OIML Member States and relevant international organizations
- assist in finding aid resources for CEEMS and assist in the organization of aid activities,
- promote awareness of the role of metrology among the public and governments of CEEMS
- encourage CEEMS to participate in OIML activities
- promote the adoption of OIML International Recommendations and Documents in CEEMS



# Countries and Economies with Emerging Metrology Systems (CEEMS)

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## 2. Composition of the AG

The AG consists of

- a chairperson appointed by the CIML
- a vice-chairperson, nominated from amongst the Advisory Group members and appointed by the CIML
- the CIML President and Vice-Presidents (ex officio)
- the Director of the BIML (ex officio)
- the Director of the BIPM (ex officio)
- other CIML Members who volunteer to serve on the Advisory Group
- a representative nominated by each of the RLMOs, and
- other experts co-opted by the Advisory Group to serve in a personal capacity

All Advisory Group members (except those who are ex officio) are appointed, nominated or chosen for a three-year term with the possibility of reappointment for three-year terms without limitation.



# Countries and Economies with Emerging Metrology Systems (CEEMS)

- Key focus for 2019:
  - Promoting the e-Learning Platform
  - Making training course material available
  - Publishing a list of Experts available for contract work
  - Selecting a winner of the OIML CEEMS Award

### STRUCTURE

Our Members

CIML

Emerging Metrology Systems (CEEMS)

- ▶ Advisory Group
- ▶ OIML Training Centers
- ▶ Seminars
- ▶ List of Experts
- ▶ OIML CEEMS Award
- ▶ Forthcoming events
- ▶ Training materials
- ▶ e-Learning Platform

### e-Learning Platform



#### Introduction

The Legal Metrology e-Learning Platform provides an accessible, comprehensive and interactive way of understanding the implementation of many common legal metrology activities.

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Conference

TCs and SCs

About the BIML

### List of Experts



#### Introduction

Many of the authorities in the CEEMS community have expressed a wish for readily accessible information on experts who can assist them by providing advice or training in connection with their legal metrology activities. This list of experts has therefore been compiled, drawing on the knowledge of CIML Members and others who are active within the OIML.

Each expert on this list is known to his or her CIML Member as having previously provided advice or training on legal metrology issues to governments and/or legal metrology authorities. They have confirmed their availability to

<https://www.oiml.org/en/structure/ceems>



## Current priorities

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- Working closely with RLMOs including COOMET
- On-going technical activities
- Implementation, evolution and promotion of the OIML Certification System (OIML-CS)
- Meeting the needs of Countries and Economies with Emerging Metrology Systems (CEEMS)
- Cooperation with other organizations to promote metrology as an important part of a sound quality infrastructure (QI) of a modern economy
- Upcoming: Metrology for Digitization of Economy and Society





# Technical work

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- Directives for OIML Technical Work revised (B 6:2017)  
→ *Now completed and implemented – will be revised again to take the OIML-CS into account*
- Project Group Workspaces  
→ *Use of the PG Workspaces has increased significantly*
- More active management of the Technical Work Program  
→ *Focus on identifying and prioritizing the most important projects and publications in need of revision*  
→ *Improve project management*  
→ *Training Program very successful for Secretariats and Conveners, e.g. Russia and P.R. China*



## Future direction

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- Support of awareness campaigns for “Revised SI”
  - WMD 2018 / 2019 – WMD Website live  
<http://www.worldmetrologyday.org/>
- Closer cooperation in CEEMS matters
- Closer cooperation in promoting metrology as an important element of "Quality Infrastructure" (QI)
- CEEMS Seminar, 8 October 2018, Hamburg:  
Presentation of new “QI Toolkit” developed in cooperation with the World Bank
- Metrology for Digitization of Economy and Society
- E-learning: concept development for the OIML website



# OIML Task Group 2023

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- In March 2019 a “Task Group 2023” was convened
- The group consisted of the President, the two Vice-Presidents, the BIML Director, the two Assistant Directors, and two PC members
- The group considered ideas, developed proposals and identified strategies to be put forward to the CIML in 2019 or the 16th Conference in 2020
- Ideas, proposals and engagement on matters related to the operation and effectiveness of the international legal metrology framework are warmly welcomed



## Closing messages

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- The OIML appreciates the invitation by COOMET to its meetings and looks forward to a closer and deeper relationship with COOMET and its members
- The OIML is committed to working with Regional Organisations to advance legal metrology
- We encourage greater contributions (articles, updates and technical papers) from COOMET and its members to the *OIML Bulletin*, including an article on the outcomes of the 29th COOMET Meeting
- We look forward to visiting, enhancing relationships with and serving the needs of COOMET and OIML Member States
- We hope that all COOMET members will become Member States of the OIML!