



International Organization of Legal Metrology

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Organisation Internationale de Métrologie Légale

25th APLMF Meeting  
Christchurch, New Zealand

8th November, 2018

Update from the OIML

*Anthony Donnellan*  
*Director Designate, BIML*



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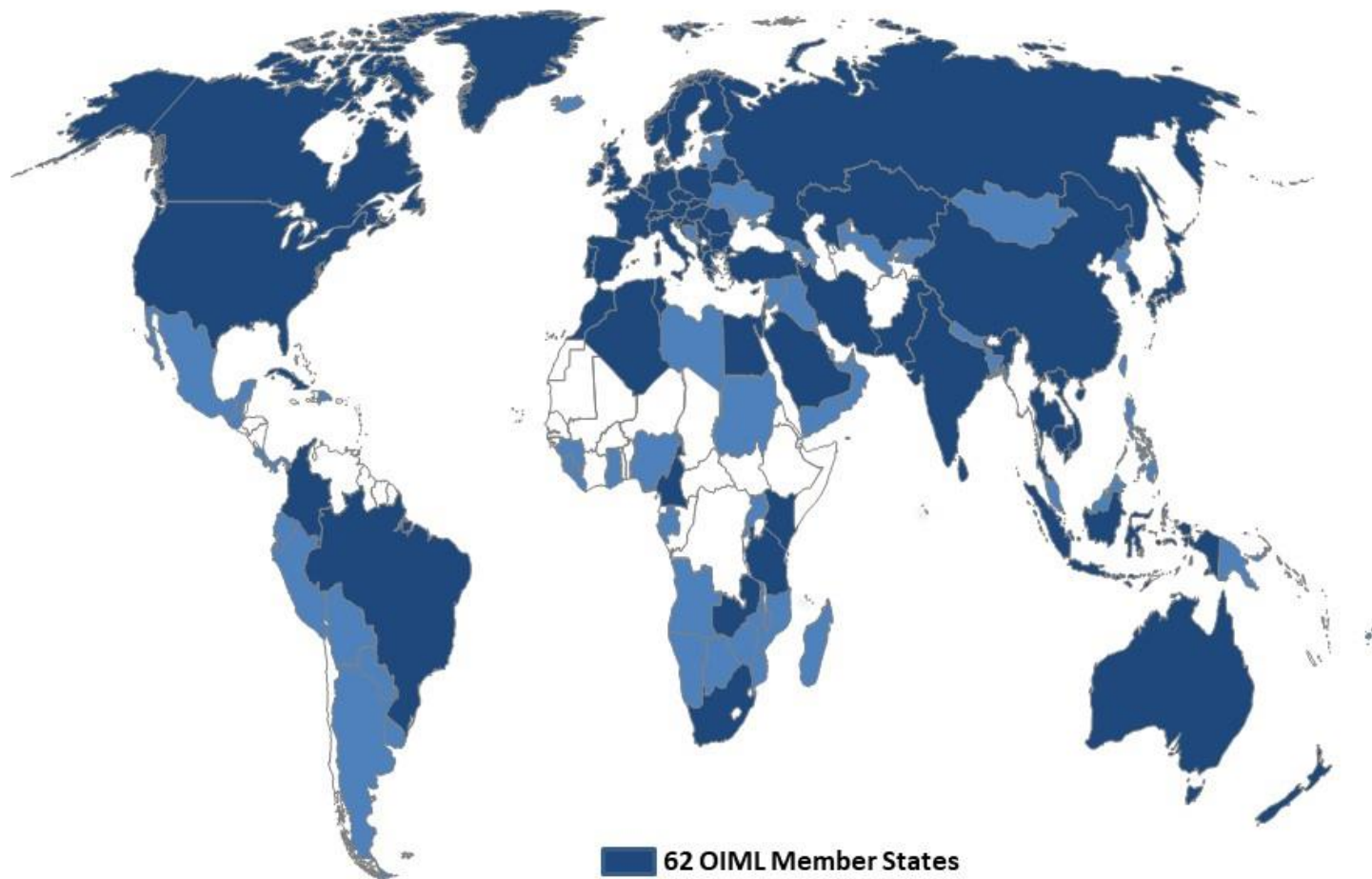
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# Membership

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62 OIML Member States

64 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:  
*Stephen Patoray → 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)*





# New 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.



## Current priorities

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- Working closely with RLMOs including the APLMF
- 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)
- 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” will be convened
- The group will consist of the President, the two Vice-Presidents, the BIML Director, the two Assistant Directors, and two PC members
- The group will consider ideas, develop proposals and identify 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 the APLMF to its meetings and looks forward to a closer and deeper relationship with the APLMF and its members
- Recognize the excellent work of Stephen Patoray and his commitment to the OIML, BIML and the APLMF
- Encourage greater contributions (articles, updates and technical papers) from the APLMF and its members to the *OIML Bulletin*, including an article on the outcomes of the 25th APLMF Meeting
- I look forward to visiting, enhancing relationships with and serving the needs of the APLMF and OIML Member States
- I hope that all APLMF members will become Member States of the OIML!