



International Organization of Legal Metrology

Organisation Internationale de Métrologie Légale

OIML Update

Willem KOOL

BIML Assistant Director

22nd Session of UNECE / WP.6

7 – 9 November 2012



The OIML in a nutshell

- Intergovernmental organization
- Established in 1955
- Executive office: BIML, Paris, France
- International standards setting body under the terms of the WTO/TBT Agreement
- Publishes:
 - Recommendations (model technical regulations),
 - Documents (guidance on legal metrology issues),
 - Guides and Vocabularies
- Technical structures include Technical Committees, Subcommittees and Project Groups
- Operates certification systems for type approval evaluation of measuring instruments



Mission of the OIML

“The mission of the OIML is to enable economies to put in place effective legal metrology infrastructures that are mutually compatible and internationally recognized, for all areas for which governments take responsibility, such as those which facilitate trade, establish mutual confidence and harmonize the level of consumer protection worldwide.”



OIML Membership

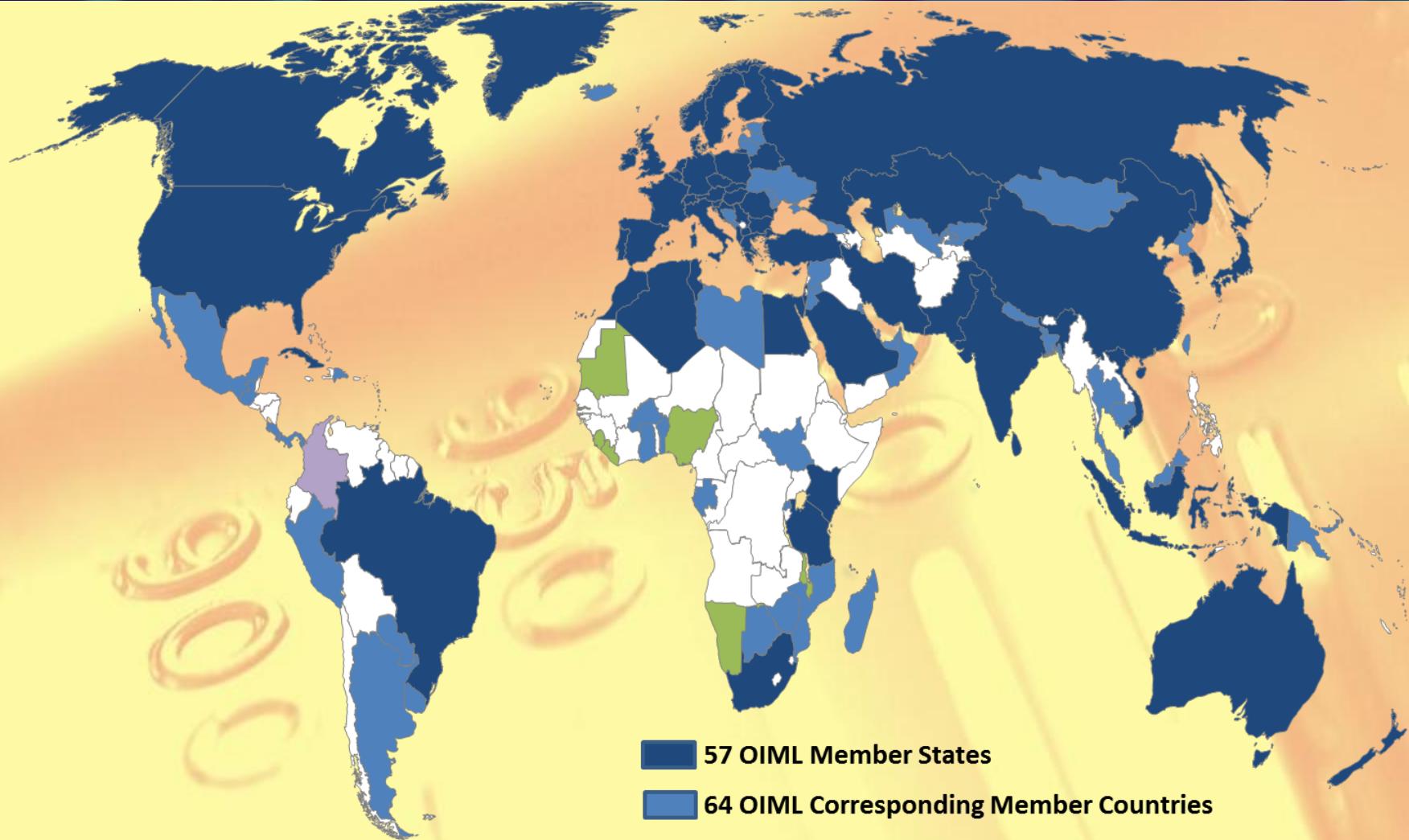
In 2012 seven new Corresponding Members:

- Gambia
- Liberia
- Nigeria
- Mauritania
- Sierra Leone
- Malawi
- Namibia

New Member State (Colombia) from 2013.



OIML Membership



57 OIML Member States

64 OIML Corresponding Member Countries

1 OIML Corresponding Member Organization: UEMOA



47th CIML Meeting

The International Committee of Legal Metrology (CIML):

- Consists of one representative per Member State;
- Decides on all technical work issues;
- Approves OIML Recommendations, Documents, etc.;
- Meets annually;
- Held its 47th meeting on 1, 2 and 5 October 2012 in Bucharest, Romania.



47th CIML Meeting

Main decisions of the 47th CIML Meeting:

- Approved new version of the OIML Directives for technical work (OIML B 6:2012), introducing separate Project Groups for each work project;
- Approved the revision of OIML D 1: *Considerations for a law on metrology*;
- Approved an amendment to OIML B 10 *Framework for a Mutual Acceptance Arrangement on OIML Type Evaluations (MAA)*:
 - allowing test results obtained by manufacturers' test laboratories when issuing Certificates of Conformity,
 - acceptance by participants in the MAA, however, is optional;
- Adopted a resolution in support of the CGPM's intention to revise the SI;
- Accepted the invitation from Vietnam to organize the 48th CIML Meeting in Ho Chi Minh City, in 2013.



14th OIML Conference

The OIML Conference:

- Is the main body of the Organization;
- Member States have a moral obligation to implement its decisions to the extent possible;
- Sanctions OIML Recommendations, Documents, etc. approved by the CIML
- Meets once every four years;
- The 14th Conference was held on 3 and 4 October 2012 in Bucharest, Romania.



14th OIML Conference

Main decisions of the 14th OIML Conference:

- Approved new version of the *OIML Financial Regulations*, which are now compliant with IPSAS requirements;
- Sanctioned all OIML Recommendations and Documents approved by the CIML since the 13th Conference in 2008;
- Sanctioned the revised OIML Strategy approved by the CIML in 2011;
- Decided on a procedure to review the classification of Member States (and their contribution) based on economic data from the World Bank;
- Approved the budget for the new financial period (2013-2016), with:
 - A small decrease in Members' contributions compared to 2012,
 - No increase in Members' contributions during the financial period,
 - Some funding to support activities directed at developing countries;
- Charged the CIML to organize the next Conference in 2016.



World Metrology System

- “Scientific” metrology



(Units, Traceability of measurement)

- “Industrial” metrology

- “Legal” metrology



(Legislation, Enforcement)

- Accreditation / Certification



(Conformity assessment)

- Standardization



- Consumers



Liaison with the BIPM

Main activities in the past year:

- Cooperation in ICT systems;
- Organization of World Metrology Day (20 May);
- JCGM Surveys on user experiences with the third edition of the VIM and the revision of the GUM.





Liaison with ILAC and the IAF

- MoU between the OIML, ILAC and the IAF was renewed last year;
- Liaison supports the OIML certification systems for type evaluations of measuring instruments:
 - OIML Basic Certificate System for all categories of measuring instruments for which OIML Recommendations exist;
 - Mutual Acceptance Arrangement (MAA) for a limited number of categories of measuring instruments;
- ILAC and the OIML maintain a list of qualified lead assessors and technical experts for accreditations in the field of legal metrology which is mandatory for assessments under the MAA .



Liaison with ILAC and the IAF

Main activities in the past year:

- Second draft for a joint assessment procedure circulated;
- Periodic review started of OIML D 10 / ILAC G 24: *Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories.*

Anticipated for 2013:

- Workshop for MAA technical experts and lead assessors to exchange experiences.



Liaison with ISO and the IEC

Many liaisons at the TC level between ISO and the OIML and between the IEC and the OIML.

OIML is active in ISO/CASCO and ISO/DEVCO and has recently established a liaison with ISO/COPOLCO.

In 2011 a new MoU was concluded between the OIML and the IEC, covering among other things:

- the joint development of standards;
- cooperation on certification issues.



JCGM



Joint Committee for Guides in Metrology (JCGM)

- International vocabulary of metrology – Basic and general concepts and associated terms (VIM) [JCGM 200:2008 / [OIML V 2-200:2012](#)]
- Evaluation of measurement data – Guide to the expression of uncertainty in measurement (GUM) [JCGM 100:2008 / [OIML G 1-100:2008](#)]



OIML and Developing Countries

- All OIML publications available for download free of charge
- Guidance on general legal metrology issues, such as OIML D 1:2012 *Considerations for a law on metrology*
- The OIML participates in the DCMAS Network (Network on Metrology, Accreditation and Standardization for Developing Countries)
- Annual Round Table for RLMOs (Regional Legal Metrology Organizations)
- Participation in assistance projects funded by e.g. UNIDO and others, such as:
 - AFRIMETS metrology summer school,
 - UNIDO conformity assessment workshop
- World Metrology Day (20 May) in cooperation with BIPM and PTB



Further information

For further information see the OIML web site:

www.oiml.org

Or, for specific questions, contact

Willem KOOL

BIML assistant Director

Willem.Kool@oiml.org