OIML Report on OIML matters and activities
SIM GA 2023
Membership

• The OIML now comprises 127 Members
• Montenegro has transitioned from a Corresponding Member to become our 64th OIML Member State
• Saint Lucia has joined the OIML as a Corresponding Member
• No OIML Member States nor Corresponding Members were delisted in 2022
• Other economies intend to become OIML Member States
• Increased engagement has occurred with a number of embassies and the French Ministry for Europe and Foreign Affairs
Membership
Governance and appointments

• Dr Bobjoseph Mathew (Vice-Director of the Federal Institute of Metrology METAS, Switzerland), who was elected for a six-year term at the 57th CIML Meeting in 2022 took the position of President of the CIML

• Mr Bill Loizides (Australia) was elected Second Vice-President of the CIML for a six-year term

• Mr Anthony Donnellan was renewed as BIML Director for a five-year term

• Mr Ian Dunmill was renewed as BIML Assistant Director for a five-year term
Technical publications

All publications approved at the 57th CML Meeting (2022) are now published on the OIML Website

- Revision of B 8:2012 OIML Financial Regulations;
- Revision of B 12:2004 Policy paper on liaisons between the OIML and other bodies;
- Revision of B 18:2018 Framework for the OIML Certification System (OIML-CS);
- Revision of B 19:2017 Terms of Reference for the Advisory Group on matters concerning Countries and Economies with Emerging Metrology Systems (CEEMS);
- Revision of D 5:1982 Principles for the establishment of hierarchy schemes for measuring instruments;
- Revision of D 10:2007 ILAC-G24/OIML D 10 Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories;
- New Document (D 37:2022) Guide for the application of ISO/IEC 17020 to the assessment of OIML Issuing Authorities under the OIML CS;
- Update of V 1:2013 International vocabulary of terms in legal metrology (VIML) (bilingual French-English) / Vocabulaire international des termes de métrologie légale (VIML) (bilingue français-anglais).
Technical publications

The following publications were approved by the 58th CIML:

- Revision of OIML D 31:2019 General requirements for software-controlled measuring instruments (as amended in 2020);
- Revision of OIML B 6:2019 Directives for OIML technical work (Parts 1 and 2);
- New Basic Publication OIML B 22 Policy and rules for the reimbursement of travel expenses incurred by the CIML President in attending legal metrology related events;
- Amendment of OIML B 17:2012 Policies and rules for the reimbursement of travel expenses incurred by CIML Members of Honor and invited guests in attending OIML events;

The following new projects were approved by the CIML:

- Revision of D 31:2023 General requirements for software-controlled measuring instruments;
- New Recommendation DC electricity metering.
Activities with CEEMS

• On behalf of the CEEMS AG the BIML organised an OTE on prepackaged products in Germany with support from the DAM and the PTB

• The BIML organised and funded the lecturers, and provided other financial and logistical support to make the event a success

• 17 economies benefited from participating in this training opportunity
Activities with CEEMS

• A training programme was designed by the BIML and GULFMET and delivered to many GULFMET economies in Dubai in February 2023

• The BIML made resources available to deliver this in-person training on OIML D 1
Digitalization of metrology

• The OIML is actively working on the Digitalization of Metrology

• A Digitalization Task Group (DTG) was created in 2022 and maintained a series of meetings during the year.

• A seminar “OIML Seminar The future of the OIML in the digital era” was organised in conjunction with the 58th CIML meeting. The seminar was streamed via zoom and it is planned to upload the videos to the OIML Youtube Channel

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International engagement and liaison

• The BIML has been updating MoUs with crucial IOs involved in the international QI system:
  • International Electrotechnical Commission (IEC)
  • International Laboratory Accreditation Cooperation (ILAC)
  • International Accreditation Forum (IAF)
  • International Organization for Standardization (ISO)
International engagement and liaison

• This period has also seen continued engagement with the International Network on Quality Infrastructure (INetQI)
• Also continued liaison with UNESCO, including the OIML-BIPM joint bid for a UNESCO World Day of Metrology
• The BIML was a member of the Organising Committee for CIM 2023, organised by the CFM and the ICW
• At the ICW, the BIML organised a session on digitalisation and OIML publications and machine learning, cloud storage, and remote verification capabilities and procedures
International engagement and liaison

• As a stakeholder in the IAEA/WHO Secondary Standard Dosimetry Laboratories (SSDL) Network, the BIML delivered the opening session presentation to the IAEA meeting for SSDL on Quality Management Systems (QMS)

• The BIML gave a presentation to the UNECE Steering Committee on Trade Capacity and Standards on “Digital and green transformations and their relation to regulatory cooperation and standardization policies”

• ISO CASCO held its 36th annual plenary and a workshop in April 2023; the BIML Director was a Panel member
International engagement and liaison

• The BIML presented at a conference dedicated to the 100th Anniversary of metrology in Kazakhstan, held in association with the 34th COOMET Committee Meeting

• Additional examples of BIML work and outreach:
  • Presentation given to the 27th CGPM at Versailles
  • Bilateral meetings held with ISO, Marcogaz, OIV, CECIP, BIPM
  • Participation in meetings of the Joint Statement of Intent signatories
  • Participation in the annual Quadrilateral Meeting (OIML, BIPM, ILAC, ISO)
  • Presentation given at the 16th AFRIMETS General Assembly and Seminar
  • Presentation delivered to the OIV
  • High-level ministerial and delegation visits hosted at the BIML
International engagement and liaison

• Participation in three meetings of the WTO TBT Committee
• Participation in the 9th Annual Meeting of the OECD Partnership
• Presentations given to the GULFMET GA and TC Legal Metrology meetings
• Presentation at the online SADCMEL meeting
• Participation in the ILAC and IAF mid-term meetings
• Participation in an OECD-led planning session on international QI
• Presentation delivered to the SIM GA and a legal metrology seminar
• Presentation delivered to the 29th APLMF Meeting
• Participation in ISO CASCO plenary and STAR meetings
• Participation in the ISO CASCO WG31 meeting
• Presentation delivered to the EURAMET General Assembly
OIML Certification System (OIML-CS)

• 12 Issuing Authorities are now participating in the OIML-CS

CMI (Czech Republic)  FORCE (Denmark)  LNE (France)
METAS (Switzerland)  NIM (P.R. China)  NMi (Netherlands)
NMIA (Australia)  NMIJ/AIST (Japan)  OPSS (United Kingdom)
PTB (Germany)  RISE (Sweden)  SLM (Slovakia)
OIML Certification System (OIML-CS)

Registered certificates
(1 January 2018 - 30 September 2023)

2018-2023 Certificates by Recommendation

Certificates by OIML Issuing Authority
(1 January 2018 - 17 July 2023)
Communications

• The *Bulletin* continues to be produced quarterly
• A Mentors programme continues to deliver excellent results (BIML mentored one edition)
• The roadmap for future *OIML Bulletin* editions was refined, including the coordination of liaison with prospective Mentors
• The growing social media outreach is increasing the OIML’s impact
• The Bulletin can be downloaded for free from the OIML website
World Metrology Day

• The theme for World Metrology Day 2023 is *Measurements supporting the global food system*
  • This theme was chosen because of the increasing challenges of climate change, and global distribution of food in a world whose population has reached 8 billion

• OIML/BIPM joint project
  • Theme decided; poster developed; website created; Directors’ message and Press Release written; video Messages recorded

• 66 Events, 62 Posters, 7 Videos

• 10 000 distinct visitors to WMD website in the week of 20 May