

Summary report

Fifty-seventh meeting of the International Committee of Legal Metrology

Online
18–20 October 2022



Bureau International de Métrologie Légale (BIML)

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The Fifty-seventh meeting of the International Committee of Legal Metrology (CIML) was held on 18–20 October 2022, again as an online meeting due to the COVID-19 pandemic. There were over 160 participants from OIML Member States, OIML Corresponding Members, and organisations in liaison.

The CIML President, Dr Roman Schwartz, reported on the key activities that had taken place during the year, including the signing by eight international organisations of a Joint Statement of Intent (JSI) “On the digital transformation in the international scientific and quality infrastructure”, and the establishment of a new and very successful OIML Digitalisation Task Group (DTG). He also announced that an internal financial audit of salaries and other operational expenses had been carried out, and a suite of internal documents had been established which clearly define the roles and responsibilities for various internal financial processes and procedures.

The BIML Director, Mr Anthony Donnellan, reported on the various activities and achievements of the BIML and its staff. He particularly noted the continued efforts to improve the effectiveness of OIML technical work and activities in favour of Countries and Economies with Emerging Metrology Systems (CEEMS), the OIML Certification System (OIML-CS), World Metrology Day in close cooperation with the BIPM (including ongoing direct liaison with UNESCO and the relevant UNESCO Member States and permanent missions to advance the OIML and BIPM joint bid for a UNESCO World Day of Metrology), and work with other liaison organisations. Mr Donnellan emphasised the continued initiatives by the BIML to minimise the impact of the pandemic and to ensure business continuity, and also presented the efforts that are ongoing to encourage new economies to join the Organisation, which currently has 126 Members. As a result of the significant efforts and resources deployed to manage Member debt, no OIML Member States nor Corresponding Members were delisted this year.

Mr Donnellan also reported on the very successful modernisation and partial recoding of the OIML website, which was relaunched in January 2022 and which is constantly being improved to cater for the Organisation’s growing online needs.

The accounts for 2021 were presented and were approved by the CIML. Mr Donnellan reported that the Organisation continues to be in a strong financial position, although late payments still present an underlying risk to the OIML and rising inflation continues to be a challenge. He stated that expenses remain generally within expectations, and the OIML Operating Reserve was not accessed during this period. Information was also given concerning the external auditor.

A summary of the detailed discussions held during the Regional Legal Metrology Organisations (RLMO) Round Table held on 27 September 2022 was presented by its Chairperson, Dr Charles Ehrlich. Organisations in liaison (BIPM, CECIP, EURAMET, IAF, ICUMSA, IEC, ILAC, ISWIM, and MARCOGAZ) submitted written reports on their activities.

The BIML gave a report on the progress of the technical work of the Organisation, and lists of high-priority projects and publications were approved by the CIML.

The following publications were approved by the CIML:

- 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)*.

The following publication was reconfirmed by the CIML:

- R 139:2018 *Compressed gaseous fuel measuring systems for vehicles*.

The following new projects were approved by the CIML:

- Revision of B 6:2019 *Directives for OIML technical work. Part 1: Structures and procedures for the development of OIML publications and Part 2: Guide to the drafting and presentation of OIML publications*;
- Revision of D 11:2013 *General requirements for measuring instruments - Environmental conditions*;
- Revision of R 75:2002 *Heat meters*;
- Revision of R 137:2012 *Gas meters*.

The CIML President spoke about communication with OIML stakeholders. He notably mentioned the OIML Bulletin and the ongoing need for contributions from Members in the form of articles. The concept of “Mentors” to manage specific topics or themes, launched in 2020, has been very successful again in 2022 with two feature editions: ‘Measurement related to traffic’ (April 2022) and ‘Metrology for a sustainable environment’ (July 2022). The theme for the October 2022 edition, currently being prepared, will be centred around e-Learning and training.

Dr Roman Schwartz confirmed that he will step down as CIML President at the beginning of the 58th CIML Meeting. In a secret ballot, the CIML elected Dr Bob Joseph Mathew, CIML Second Vice-President and CIML Member for Switzerland, as CIML President for a six-year term starting at the beginning of the 58th CIML Meeting.

The OIML-CS Management Committee Chairperson, Mr Mannie Panesar, reported on the activities of the OIML-CS, including the online MC meeting held in March 2022. He reported that despite the impact of the pandemic, the OIML-CS continues to function well with OIML Issuing Authorities and Test Laboratories continuing to extend their scopes to include additional instrument categories and new editions of OIML Recommendations. As referenced above, the CIML approved the revision of

B 18:2018 *Framework for the OIML Certification System (OIML-CS)* which implements the CIML decision to allow OIML Issuing Authorities to use ISO/IEC 17020 (with additional requirements) as an alternative to ISO/IEC 17065 to demonstrate competence.

Mr Peter Mason, CEEMS Advisory Group (CEEMS AG) Chairperson, gave an update on the activities of the CEEMS AG. He described changes in AG membership, requesting that Members consider joining the AG.

Mr Jaco Marneweck was appointed CEEMS AG Chairperson and Mr Han Jianping was appointed CEEMS AG Vice-Chairperson by the CIML.

Mr Mason also highlighted the revision of B 19 *Terms of Reference for the Advisory Group on matters concerning Countries and Economies with Emerging Metrology Systems (CEEMS)*, and the development of a new publication on *CEEMS activities in a post-COVID world*, which would soon be published as an OIML Guide. He also discussed some points from the CEEMS AG Work Plan, including particularly

- a collaboration with the BIPM to develop an e-Learning package and other materials on D 1 *National metrology systems – Developing the institutional and legislative framework*,
- an event on prepackages being planned for July 2023 in Germany, and
- the restarting of the CEEMS/p 1 project on the revision of D 14 *Training and qualification of legal metrology personnel*.

Dr Sascha Eichstädt was appointed Chairperson of the OIML Digitalisation Task Group (DTG) and Dr Ping Yang was appointed Deputy Chairperson. Dr Eichstädt described four current areas of work:

- Support of the IMEKO TC6 Conference *Metrology and digital transformation*;
- Support for OIML technical work regarding “SMART”;
- Strategic items on the OIML’s role in an international digital metrology system; and
- Support for the CEEMS AG *Online technology* project.

An OIML medal was awarded to Mr Peter Mason for his contribution to the work of the OIML. Letters of Appreciation were presented to Dr Matthijs H.D. van der Wiel and the core project development team of TC 12/p 3, Mr Xie Jun, Mr Alexander Winchester, and Dr Harry Stoltz for their contribution to the work of the OIML.

The 2022 OIML CEEMS Award was awarded to the Guyana National Bureau of Standards (GNBS) for their outstanding contributions to the work of the OIML.

It is planned to hold the 58th CIML Meeting in Chiang Mai, Kingdom of Thailand, in October 2023.

The 57th CIML Meeting Resolutions, documents, and presentations can be found on the OIML website at <https://www.oiml.org/en/structure/ciml/sites>.