



Agenda Item 15.2:

Reports on OIML activities with organisations in liaison



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1 Regional

1.1 AFRIMETS

Mr Anthony Donnellan gave a presentation at the 16th General Assembly of the Intra-Africa Metrology System (AFRIMETS) in Cairo, Egypt. He also participated in the AFRIMETS Executive Committee meeting and the seminar on digitalisation in metrology.

1.2 APLMF

At the 29th Meeting of the Asia-Pacific Legal Metrology Forum (APLMF), Mr Ian Dunmill gave a video presentation which presented a comprehensive update on BIML and OIML activities, including a review of important decisions made at the 57th CIML Meeting.

1.3 COOMET

The 33rd Committee Meeting of the Euro-Asian Cooperation of National Metrological Institutions (COOMET), initially planned for June 2022, was held online on 25–27 October 2022. Mr Ian Dunmill gave an update on the activities of the OIML. The 34th COOMET Committee meeting was then held from 23–24 May 2023 in Astana, Kazakhstan, and again Mr Ian Dunmill gave an update on the activities of the OIML. This meeting was held in association with a conference dedicated to the 100th Anniversary of metrology in Kazakhstan. For further details of this event, see 4.3.

1.4 EURAMET

Mr Paul Dixon participated in the General Assembly of the European Association of National Metrology Institutes (EURAMET) on 1 June 2023, providing an update on OIML activities.

1.5 GULFMET

Mr Paul Dixon participated in two meetings of the Gulf Association for Metrology (GULFMET) *TC Legal* on 22 November 2022 and 6 June 2023, along with the GULFMET General Assembly on 13–14 June 2023. At each of these meetings updates were provided on OIML activities. Mr Dixon also participated in a meeting in September 2023 to select the theme for the Second GULFMET Symposium which will be taking place in April 2024. A two-day training course was held in Dubai in February 2023 to provide training to GULFMET on OIML D 1:2020 *National metrology systems – Developing the institutional and legislative framework* (delivered in-person by Mr Ian Dunmill) and the OIML Certification System (delivered online by Mr Mannie Panesar).

1.6 SADC MEL

Mr Ian Dunmill provided an update on OIML activities at the Southern African Development Community Cooperation in Legal Metrology (SADC MEL) meeting as part of the week-long online 38th annual meetings of the Southern African Development Community Technical Barriers to Trade (SADC TBT) cooperation structures.

1.7 SIM

As part of the Sistema Interamericano de Metrología (SIM) General Assembly (SIM Week) in Saint Lucia a presentation was given by Mr Anthony Donnellan. Additionally, a dedicated legal metrology seminar led by Mr Donnellan also took place as part of SIM Week.

1.8 WELMEC

Mr Paul Dixon provided a written report detailing OIML activities to the Committee meeting of the European Cooperation in Legal Metrology (WELMEC) held on 4–5 May 2023 (Dr Bob Joseph Mathew gave a presentation at the meeting on behalf of Mr Dixon) and to the WELMEC Working Group 8 meeting held on 20–21 February 2023.

2 Bilateral

2.1 BIPM

2.1.1 General

The OIML and the International Bureau of Weights and Measures (BIPM, by its acronym in French) continue to develop regular close cooperation on executive, managerial, and operational levels. This cooperation is present in a number of traditional and new areas. For example, it includes joint committees, joint publications, joint statements, and collaborating and exploring areas of mutual interest such as the digital transformation of metrology, the promotion of the benefits of metrology, e-Learning, and the role of metrology in the international quality infrastructure.

2.1.2 Annual BIPM-OIML partnership: World Metrology Day

The BIPM and the OIML have again worked collaboratively this year to prepare for World Metrology Day. The theme for 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 reached 8 billion at the end of 2022.

In 2023 there were:

- 62 posters submitted by National Institutes and other Organisations;
- 66 events published, mostly online;
- 7 videos by the BIPM and OIML Directors and other National Institutes; and
- 10 000 distinct visitors to the World Metrology Day website on 20 May 2023.

The 2023 poster was designed in association with SIM and the Instituto Nacional de Tecnología Industrial (INTI), Argentina and is available in English, French and many other languages, as provided by other countries.

The OIML's social media channels were widely used to publicise the event in addition to the World Metrology Day website <https://www.worldmetrologyday.org>.

2.1.3 OIML D 1:2020 *National metrology systems – Developing the institutional and legislative framework*

Following the completion of the revision of the joint OIML/BIPM publication D 1, the BIPM and the OIML have begun a cooperative project to develop a brochure and a joint e-Learning package promoting this Document, aimed at decision-makers. The brochure was published in mid-June 2023, and can be downloaded from the OIML website:

<https://www.oiml.org/en/about/policy-and-legislation/bipm-oiml-brochure-on-d-1>

The two Organisations are now continuing to collaborate on the associated e-Learning package. A draft has been produced, and is currently under review. It is hoped that this can be finalised early in 2024.

2.2 IAEA

Mr Anthony Donnellan gave the opening session presentation to the International Atomic Energy Agency (IAEA) meeting for Secondary Standard Dosimetry Laboratories (SSDL) on Quality Management Systems (QMS).

2.3 IEC

The Memorandum of Understanding (MoU) signed between the International Electrotechnical Commission (IEC) and the OIML in 2018 is due for renewal and Mr Paul Dixon is liaising with the IEC to renew the MoU with a view to it being signed towards the end of 2023.

Mr Dixon participated in the Management Committee meeting of the International Electrotechnical Commission System for Certification to Standards Relating to Equipment for Use in Explosive Atmospheres (IECEx) on 21–22 September 2023 and provided an update regarding the OIML Certification System (OIML-CS) and the Joint OIML-IECEx Working Group (JWG). It was agreed that the JWG should be reactivated by both organisations and it is proposed that Dr Bob Joseph Mathew will take over as convener of the JWG due to the impending retirement of the current convener Dr Roman Schwartz. Additional volunteers to participate in the JWG will also be sought.

2.4 IAF and ILAC

The MoU signed between the International Accreditation Forum (IAF), the International Laboratory Accreditation Cooperation (ILAC) and the OIML in 2018, is due for renewal and Mr Paul Dixon is liaising with the IAF and ILAC to renew the MoU with a view to it being signed towards the end of 2023.

Mr Dixon attended the IAF and ILAC mid-term meetings on 1–4 May 2023 and provided updates on OIML activities. He took the opportunity to raise items associated with the OIML Certification System relating to accreditation, namely IAF ‘endorsement’ of the OIML-CS, the use of ISO/IEC 17020, and the identification of experts to support peer assessments.

Mr Dixon has subsequently been working with the IAF to progress the ‘endorsement’ of the OIML-CS which will support accreditation assessments of OIML Issuing Authorities according to ISO/IEC 17065.

Mr Dixon will attend the annual IAF and ILAC meetings in November 2023 to provide updates on OIML activities, including the outcomes of the 58th CIML Meeting, and to progress the renewal of the MoU and the IAF ‘endorsement’ of the OIML-CS.

2.5 ISO/CASCO

The 36th plenary meeting of the International Organization for Standardization (ISO) Committee on Conformity Assessment (CASCO) was held as a hybrid meeting on 26–27 April 2023. Mr Paul Dixon provided a written report on OIML activities and participated (online) in the meeting. One of the events associated with the 36th plenary was a workshop titled “Digitalization in conformity assessment: Current practices, challenges, and implications for the future”. Mr Anthony Donnellan was a panel member at the workshop which focused on the digitalisation of conformity assessment methodologies, including the evolution of these methods, current practices, and the application of conformity assessment standards to ensure trust.

Mr Dixon is participating in the ISO/CASCO WG31 revision of ISO/IEC 17020:2012 *Conformity assessment — Requirements for the operation of various types of bodies performing inspection* as this standard is of relevance to the OIML Certification System.

2.6 OECD

The BIML’s collaboration with the Organisation for Economic Co-operation and Development (OECD) and the 50 other International Organisations (IO) forming the OECD Partnership of International Organisations for Effective International Rulemaking (IO Partnership) continued, with Mr Anthony Donnellan participating in both the 9th Annual Meeting of the IO Partnership and its spring technical meeting.

2.7 UNECE

Mr Anthony Donnellan was a panel member and gave a presentation at a session of the United Nations Economic Commission for Europe (UNECE) Steering Committee on Trade Capacity and Standards on “Digital and green transformations and their relation to regulatory cooperation and standardization policies”. Mr Paul Dixon and Mr Ian Dunmill continue to support UNECE WP.6 on the revision of UNECE WP.6 Recommendation K: *Metrological Assurance of Conformity Assessment and Testing*.

2.8 UNESCO

There has been continued liaison with the United Nations Educational, Scientific and Cultural Organization (UNESCO), UNESCO Member States and permanent missions to advance the OIML and BIPM joint bid for a UNESCO World Day of Metrology.

2.9 UNIDO

The United Nations Industrial Development Organization (UNIDO) collaborated with the BIML in sponsoring three participants to attend the OIML Training Event (OTE) on prepackaged goods held in Bad Reichenhall, Germany, in July 2023. The BIML is also continuing its work with UNIDO on the Quality Infrastructure for Sustainable Development (QI4SD) Index launched in 2022, and will take part in a meeting of the Expert Working Group *UNIDO Global Quality Tools* to be held later in 2023.

2.10 WTO

Mr Ian Dunmill took part in three meetings of the Technical Barriers to Trade (TBT) Committee of the World Trade Organization (WTO) held in Geneva in November 2022, March 2023, and June 2023. At each meeting, he provided short updates and statements on the OIML’s activities of relevance to the TBT Committee.

3 Other meetings

3.1 Quadrilateral

The annual OIML-BIPM-ILAC-ISO Quadrilateral Meeting was held in March 2023. Many topics were discussed during the meeting, including updates on operations and joint initiatives concerning the digital transformation of metrology, accreditation, and standardisation as part of the quality infrastructure.

3.2 JCGM

The 25th meeting of the Joint Committee on Guides in Metrology (JCGM) was held on 12 December 2022; the OIML was represented by Dr Charles Ehrlich.

3.2.1 JCGM WG1

The JCGM Working Group 1 on the Expression of Uncertainty in Measurement (JCGM WG1:GUM) met in January and May 2023. The January meeting was a special meeting for the revision of JCGM 101. The OIML was represented by Dr Charles Ehrlich (US), Dr Hideyuki Tanaka (JP), and Mr Luis Mussio (BIML).

3.2.2 JCGM WG2

In January 2022 the JCGM Working Group 2 on the International Vocabulary of Metrology (JCGM WG2:VIM) distributed a first Committee Draft of the fourth edition of the VIM to the eight JCGM Member Organisations (MO) for a six-month consultation period (for comments only, no vote).

The MOs provided over 1700 comments using the comment template provided. The BIML collated the comments received and JCGM-WG2 is currently in the process of reading through, categorising and prioritising them. This process will take longer than originally anticipated, and the next phase of obtaining feedback from MOs is anticipated to take place before the fourth edition of the VIM can be finalised.

The OIML was represented by Dr Charles Ehrlich (US, Convener of JCGM-WG2), Dr Agnieszka Zon (PL) and Dr Anna Chunovkina (RU).

3.3 INetQI

The OIML has continued to contribute to the activities of the International Network on Quality Infrastructure (INetQI) through Mr Ian Dunmill's participation in three regular meetings in December 2022, July 2023, and September 2022. The OIML also continues to host the INetQI website, and is currently involved in discussions on a possible project to develop an "INetQI Single Library", and to update the main INetQI website.

4 Conferences, congresses and seminars

4.1 CIM 2023

Mr Anthony Donnellan provided support and advice as a member of the Organising Committee for the 21st International Metrology Congress (CIM 2023) organised by the Collège Français de Métrologie (CFM).

4.2 ICW

Mr Anthony Donnellan provided support and advice as a member of the Organising Committee for the International Conference of Weighing (ICW), organised by the European Weighing Industry Association (CECIP) and held in Hamburg, Germany from 24–26 April 2023. As part of the conference, a session on digitalisation and OIML publications was moderated by Mr Donnellan. The session provided an overview of OIML projects related to digital transformation, including a discussion on current and future challenges concerning the regulatory framework related to digitalisation. The session also covered topics including machine learning, cloud storage, and remote verification capabilities and procedures. On behalf of the BIML, the event was also attended by Mr Ian Dunmill and Mr Paul Dixon.

4.3 Measurements as the basis of global trust

Mr Ian Dunmill took part in a conference dedicated to the 100th Anniversary of metrology in Kazakhstan entitled *Measurements as the basis of global trust*, which was held on 25 May 2023 in Astana, Kazakhstan in conjunction with the 34th COOMET Committee meeting. He presented the OIML's congratulations on the Anniversary and gave a short presentation introducing the work of the OIML, as well as taking part in a panel discussion on “Metrology as the basis of quality infrastructure”.