



Agenda Item 21.2:

Reports on OIML activities with organisations in liaison



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1 Regional

1.1 AFRIMETS

Mr Ian Dunmill provided an update on OIML activities at the AFRIMETS General Assembly, held online in July 2022. Discussions are continuing to explore means of engaging those AFRIMETS members which are not members of the OIML.

1.2 APLMF

At the 28th APLMF Online Forum, Mr Ian Dunmill gave a video presentation and a comprehensive update on BIML and OIML activities including a review of important decisions made at the 56th CIML Meeting. Dr Roman Schwartz also gave a keynote speech on *The OIML's Contribution to Digital Transformation* at the same event.

1.3 COOMET

The 33rd COOMET Committee meeting initially planned for June 2022 has been postponed to 25–27 October 2022.

1.4 EU Measuring Instruments Working Group (wgMI)

The online wgMI meeting scheduled for 21–22 September 2022 has been postponed.

1.5 Euro-Asian Council for Standardisation, Metrology and Certification

Mr Anthony Donnellan participated in the 61st meeting of the Euro-Asian Council for Standardisation, Metrology and Certification to facilitate enhanced cooperation between the Council and the OIML.

1.6 GULFMET

Mr Paul Dixon participated in two meetings of GULFMET TC Legal on 15 November 2021 and 14 June 2022. At each of these meetings updates were provided on OIML activities. Mr Dixon also participated in an event for World Metrology Day organised by the UAE Ministry of Industry & Advanced Technology, giving a presentation on *Digital Transformation in Legal Metrology and the role of the OIML DTG*.

1.7 SADC MEL

Mr Ian Dunmill provided two updates on OIML activities as part of the week-long 37th annual meetings of the SADC TBT cooperation structures, hosted online by Malawi. One of the presentations was to the SADC MEL meeting, and the other was to the SADC TBT Expert Group meeting.

1.8 WELMEC

Mr Paul Dixon participated in two WELMEC Committee meetings on 4–5 November 2021 and 12–13 May 2022, providing updates on OIML activities on each occasion. A written report, detailing OIML activities, was also provided to the WELMEC WG 8 working group meeting held on 9–10 March 2022.

Mr Dixon also participated in a meeting with the secretary of OIML TC 7 *Measuring instruments for length and associated quantities* and representatives from WELMEC WG 8 to discuss issues identified with the corresponding table for material measures of length under the Measuring Instruments Directive based on OIML R 35 *Material measures of length for general use*.

2 Bilateral

2.1 BIPM

2.1.1 General

The OIML and the BIPM continue to develop even closer cooperation on executive, managerial, and operational levels. This cooperation is also 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 2022 is *Metrology in the Digital Era*. This theme was chosen because digital technology is revolutionising our community, and is one of the most exciting trends in society today.

In 2022 there were:

- 45 posters submitted by National Institutes and other Organisations;
- 32 events published, mostly online;
- 7 videos by the BIPM and OIML Directors and other National Institutes;
- 7000 distinct visitors to the World Metrology Day website on 20 May 2022.

The 2022 poster was designed in association with COOMET and the National Scientific Centre “Institute of Metrology”, Ukraine and is available in English, French and many other languages, as provided by other countries.

The OIML participated in the World Metrology Day event organised by the UAE Ministry of Industry & Advanced Technology mentioned in 1.5.

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 e-Learning

The BIML and the BIPM have also begun a cooperative project to develop a joint e-Learning package on OIML D 1 *National metrology systems – Developing the institutional and legislative framework*. This work has only just begun, but it is hoped that the course will be completed in mid-2023.

2.2 IEC

The Joint OIML-IECEX ad-hoc Working Group is developing a comparison document between the OIML-CS and the IECEX systems. Further work is ongoing, with the intention of sharing the document with IECEX in 2023.

Mr Paul Dixon continues to liaise with Mr Chris Agius (IECEX Executive Secretary) regarding the comparison document and the activities of the Joint OIML-IECEX Working Group.

2.3 ILAC and the IAF

Due to the pandemic, the ILAC-IAF 2021 annual meetings (October – November 2021) and the ILAC-IAF 2022 mid-term meetings (April – May 2022) were held online. The BIML (Mr Paul Dixon) participated in relevant meetings and provided updates, as appropriate, on OIML activities.

ILAC and the OIML are collaborating on the revision of the joint OIML/ILAC publication OIML D 10 / ILAC G 24 *Guidelines for the determination of recalibration intervals of measuring equipment used in testing laboratories*. A Final Draft revision of D 10 has been submitted to the 57th CIML Meeting for approval.

As ILAC is the international organisation for accreditation bodies operating in accordance with ISO/IEC 17011 and involved in the accreditation of inspection bodies (using ISO/IEC 17020), Mr Paul Dixon has consulted with the ILAC Inspection Committee on the development of the new OIML Document *Guide for the application of ISO/IEC 17020 to the assessment of OIML Issuing Authorities under the OIML-CS*, with the ILAC Inspection Committee providing comments.

The ILAC-IAF 2022 annual meetings will again be held online; Mr Paul Dixon will participate in relevant meetings and will provide updates on OIML activities, including the outcomes of the 57th CIML Meeting.

2.4 ISO/CASCO

The ISO/CASCO 36th plenary meeting was held as an online meeting on 26–28 April 2022. Mr Paul Dixon provided a written report on OIML activities and participated in the meeting.

2.5 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 and matured as part of the 2022–2023 biennale work-programme.

Mr Anthony Donnellan participated in the interim meeting of the IO Partnership to discuss the deliverables of the 2022–2023 biennale work-programme. Additionally, the BIML completed a comprehensive survey for the IO Partnership on OIML functions and activities.

2.6 UNECE

In November 2021 Mr Anthony Donnellan presented to the delegates of the United Nations Economic Commission for Europe (UNECE) Steering Committee on Trade Capacity and Standards' Working Party on Regulatory Cooperation and Standardization Policies how metrology contributes to Circular Economy initiatives as part of the session on "Circular economy and regulatory cooperation and standardization".

2.7 UNESCO

To support the joint OIML-BIPM World Metrology Day initiative with UNESCO, Mr Anthony Donnellan participated in the Preparatory Group meeting of the 215th Executive Board of UNESCO. This meeting was in addition to a number of meetings with Ambassadors and Permanent Delegations to UNESCO to progress the joint initiative.

2.8 UNIDO

Continuing work which had begun in 2021, the BIPM contributed further to UNIDO's development of a Quality Infrastructure for Sustainable Development (QI4SD) Index, which aims to measure how fit for purpose a QI system is to meet sustainable development needs. Mr Ian Dunmill took part in the launch of the website for this important tool in June 2022. The QI4SD Index can be found at <https://hub.unido.org/qi4sd/>.

3 Multilateral

3.1 BIPM, ISO, ILAC, OIML Quad meeting

The annual OIML-BIPM-ILAC-ISO Quadrilateral Meeting was held online in March 2022. Many topics were discussed during the meeting, including updates on operational arrangements and how the organisations have adapted and continue to adapt in a pandemic-responsive operating environment, a joint statement concerning the digital transformation of metrology, accreditation, and standardisation as part of the quality infrastructure, and future meeting arrangements and objectives.

3.2 Joint Committee on Guides in Metrology – JCGM

The regular meeting of the JCGM was held in December 2021; the OIML was represented by Dr Charles Ehrlich.

3.2.1 JCGM Working Group on the Expression of Uncertainty in Measurement (JCGM-WG1:GUM)

During 2021 and 2022 all the JCGM-WG1 activities and meetings were held online. The OIML participated in all the relevant meetings and provided updates, as appropriate, on OIML activities.

The document "*Guide to the expression of uncertainty in measurement – Part 1: Introduction*", was circulated among the JCGM Members, and the comments received were analysed by JCGM-WG1. A revised version of the document is currently under development.

The OIML was represented by Dr Charles Ehrlich (US), Dr Hideyuki Tanaka (JP), and Mr Luis Mussio (BIML).

3.2.2 JCGM Working Group on the International Vocabulary of Metrology (JCGM-WG2:VIM)

In January 2022 JCGM-WG2 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 Jerzy Borzyminski (PL) and Dr Anna Chunovkina (RU). Dr Borzyminski retired in May 2022; he has been replaced by Dr Agnieszka Zon (PL) as secretary of OIML TC 1 *Terminology* and as convener of the Project Groups under TC 1. It is therefore proposed that Dr Zon replaces Dr Borzyminski as one of the OIML representatives in JCGM-WG2.

3.2.3 INetQI

The OIML has continued to contribute to the activities of this global network through Mr Ian Dunmill's participation in two regular meetings in December 2021 and in July 2022. The OIML also continues to host the INetQI website, and is currently involved in the project to develop an "INetQI Single Library", and to update the main INetQI website through a contractor financed by another INetQI member.

3.3 Consultative Committee for Units (CCU)

A report on the 25th CCU meeting was provided in 2021. The next CCU meeting will take place in 2023, so Dr Rado Lapuh (OIML representative in the CCU) will provide an update on CCU activities at the 58th CIML Meeting.

4 Conferences, congresses and seminars

4.1 CECIP General Assembly

Mr Anthony Donnellan represented the OIML at the 72nd CECIP (European Weighing Industry) General Assembly in June 2022. He provided a detailed presentation on OIML activities and developments to the General Assembly.

4.2 IMEKO First International Conference on Metrology and Digital Transformation (M4Dconf)

Mr Ian Dunmill represented the BIML at the M4Dconf held in Berlin and online in September 2022. During the conference, the OIML hosted a session on *Digital transformation in legal metrology* led by Dr Roman Schwartz, at which Mr Peter Mason (CEEMS AG Chairperson), Mr Mannie Panesar (OIML-CS MC Chairperson), and Dr Phillip Mitchell (TC 12 secretariat – AU) also participated.