



Organisation Internationale de  
**Métrieologie Léegale**  
International Organization of  
**Legal Metrology**

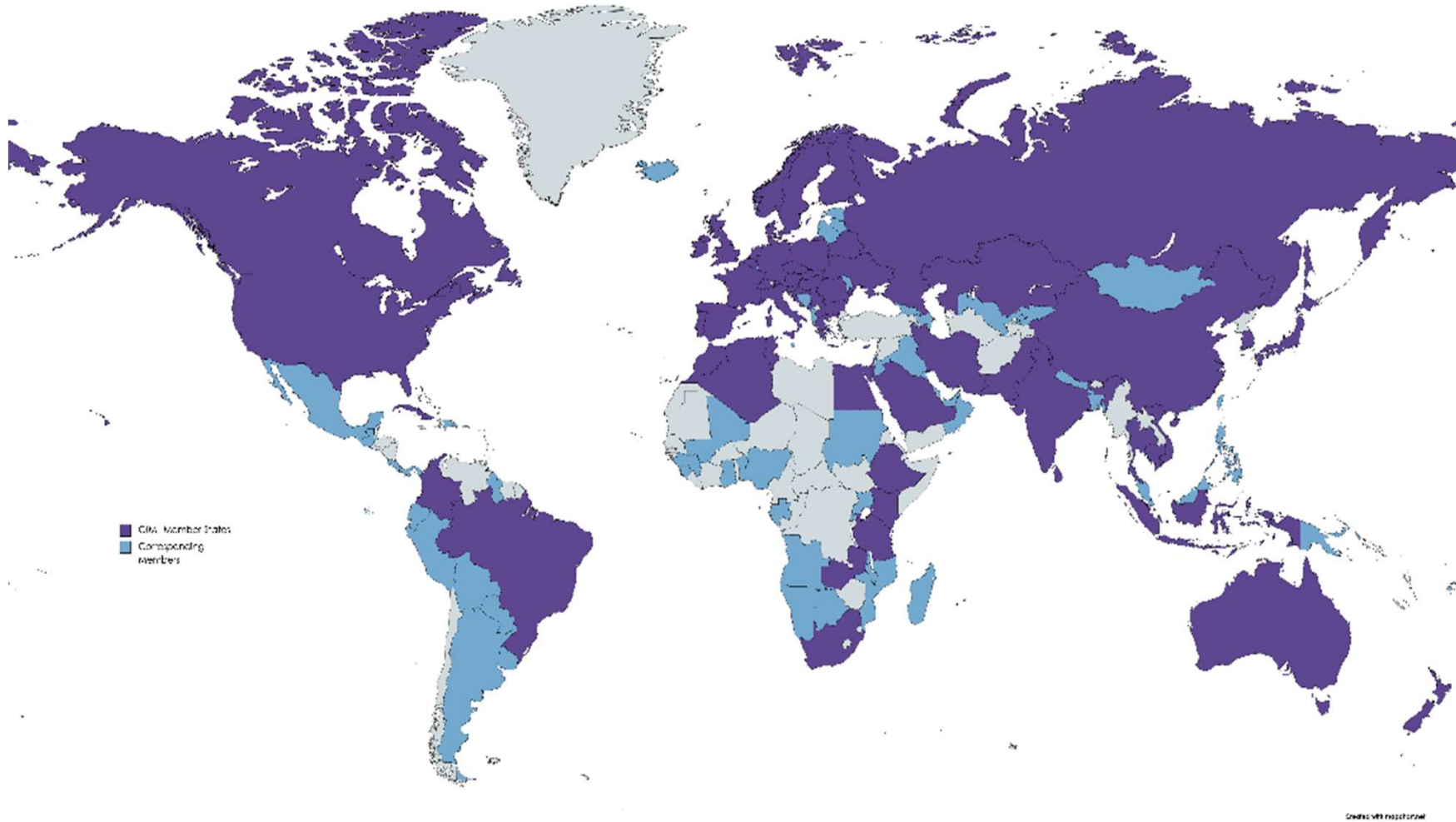
# OIML Report on OIML matters and activities SIM GA 2023



# 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 CIML 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 58<sup>th</sup> 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 SADC MEL 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)



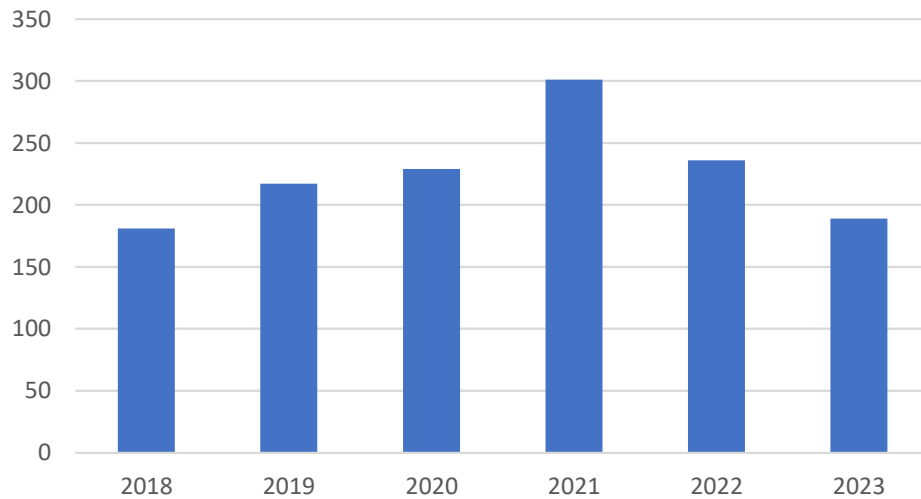
- 12 Issuing Authorities are now participating in the OIML-CS

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)

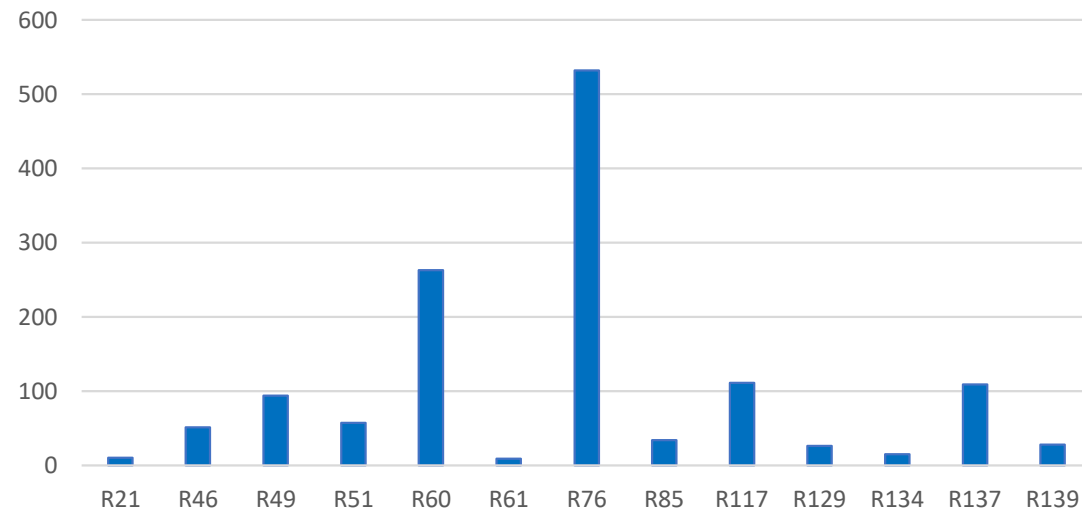
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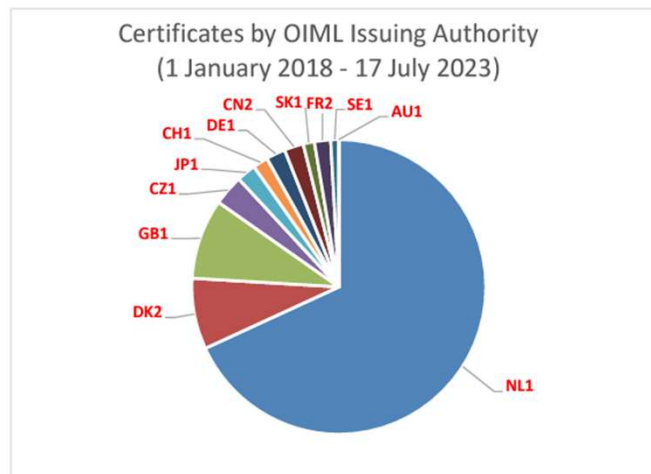
Registered certificates  
(1 January 2018 - 30 September 2023)



2018- 2023 Certificates by Recommendation



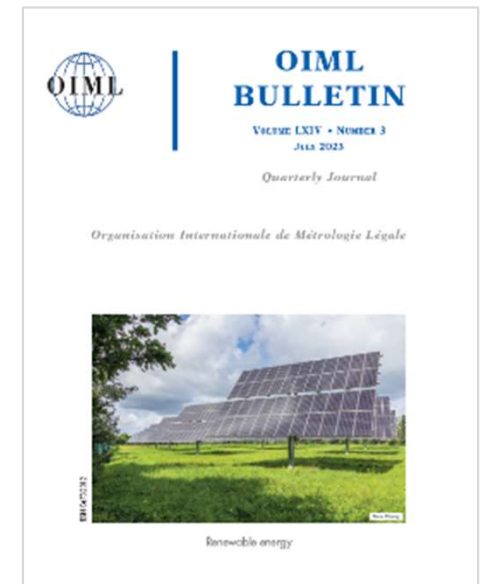
Certificates by OIML Issuing Authority  
(1 January 2018 - 17 July 2023)





# 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

