



International Organization of Legal Metrology

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Organisation Internationale de Métrologie Légale

# Update on OIML activities

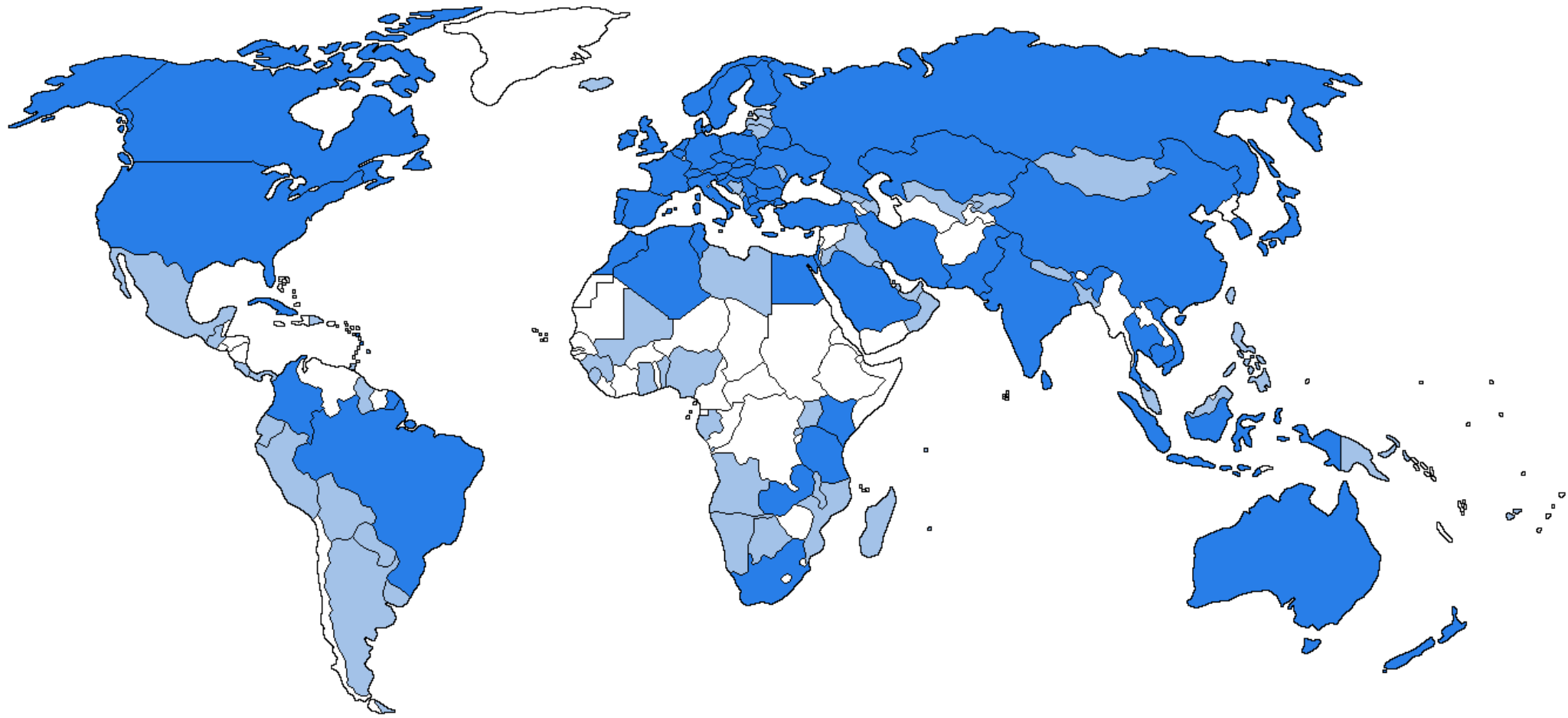
Ian Dunmill  
*Assistant Director, BIML*





# OIML membership worldwide

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# OIML membership in AFRIMETS

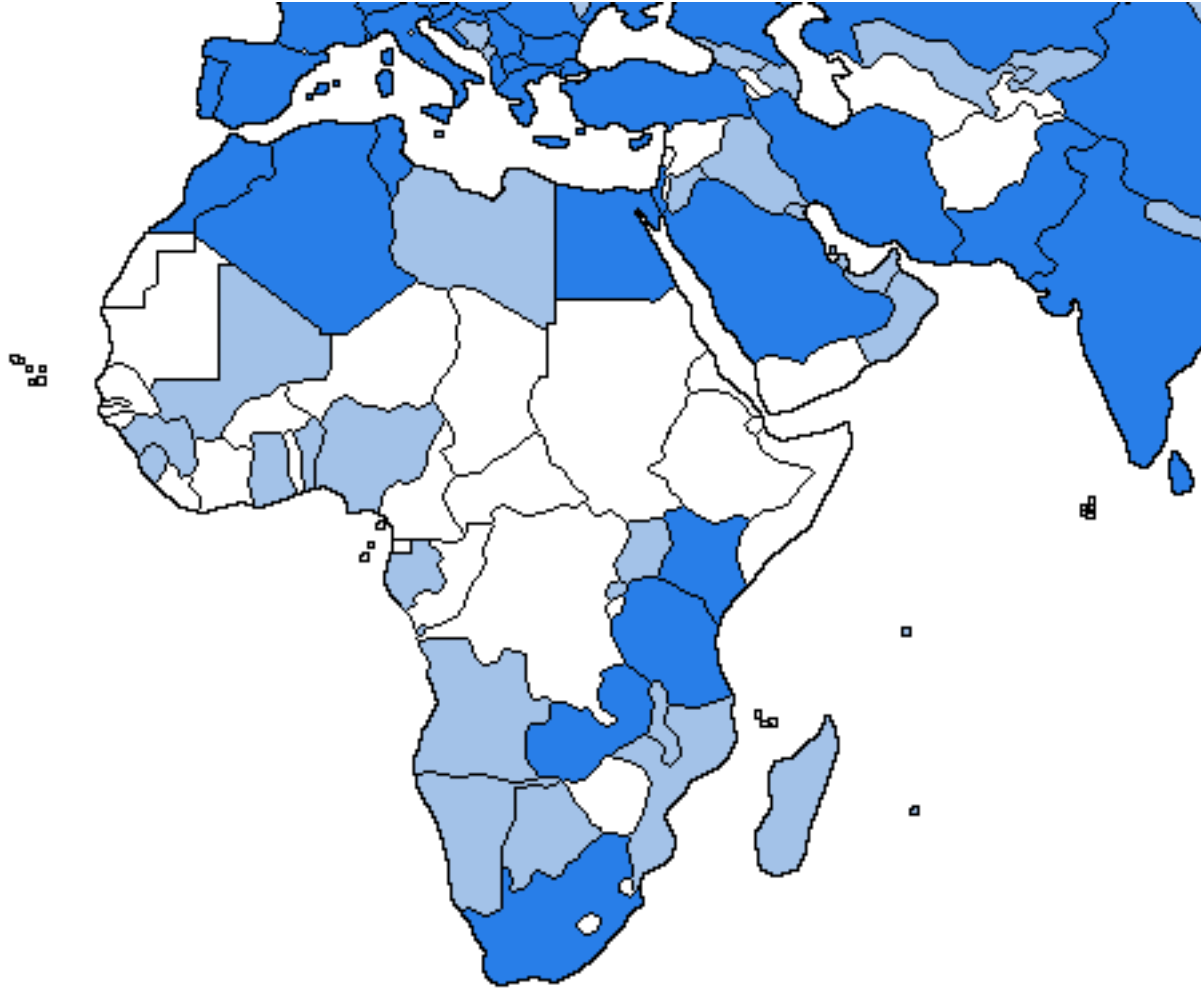
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- 8 Member States
  - Algeria, Egypt, Kenya, Morocco, South Africa, Tanzania, Tunisia, Zambia
- 18 Corresponding Members
  - Algeria, Benin, Botswana, Gabon, Ghana, Guinea, Madagascar, Malawi, Mali, Mauritius, Mozambique, Namibia, Nigeria, Rwanda, Seychelles, Sierra Leone, Sudan, Uganda
- 26 non-members



# OIML membership in AFRIMETS

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## OIML membership in AFRIMETS

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Encouraging number of AFRIMETS  
members in the OIML

Please make the most of your membership  
and...

**... PARTICIPATE!**



## Participation in OIML Technical work

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- Member States can be P-member or O-member on any project
- Corresponding Members can be O-member on any project

P-member – must participate

O-member – may participate, no vote

- P- and O-members can both attend online or in-person meetings
- Most work done electronically using workspaces on the OIML website



- Publications approved in 2020
  - Revision of D 1 *National metrology systems – Developing the institutional and legislative framework*
  - Revision of R 129 *Multi-dimensional measuring instruments*
  - R 148 *Non-invasive non-automated sphygmomanometers*  
(Revision of R 16-1:2002)
  - R 149 *Non-invasive automated sphygmomanometers*  
(Revision of R 16-2:2002)
  - R 150 *Continuous totalizing automatic weighing instruments of the arched chute type*
  - D 35 *Petroleum measurement tables*  
(Revision of R 63:1994)
  - D 36 *Pipe provers for testing measuring systems for liquids*  
(Revision of R 119:1996)





## Some current OIML Technical work

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- Revisions of:
  - R 46:2012 *Active electrical energy meters*
  - R 51:2006 *Automatic catchweighing instruments*
  - R 76:2006 *Non-automatic weighing instruments*
  - R 134:2006 *Automatic instruments for weighing road vehicles in motion and measuring axle loads*
- Update of:
  - R 60:2017 *Metrological regulation for load cells*
- Periodic reviews of:
  - R 49:2013 *Water meters for cold potable water and hot water*
  - R 137:2012 *Gas meters*



# 56th CIML Meeting and 16th OIML Conference

- Will again be held online on 18–22 October 2021
- Schedule, agendas, working documents, Final Draft publications and other documents can be downloaded from the OIML website

The screenshot shows a website header with a navigation menu containing the following items: Schedule, Registration and proxies, 56th CIML Meeting, 16th Conference, Practical, and Contact. Below the navigation menu, the main content area features the following text and elements:

**16th International Conference on Legal Metrology  
and  
56th CIML Meeting**

**18-22 October 2021**



[Click here for the invitation by  
CIML President Dr. Roman Schwartz](#)



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- New UNIDO-OIML *Guide on the OIML-CS*
    - <https://www.oiml.org/en/oiml-cs/docs/oiml-unido-guidance-document-on-the-oiml-cs.pdf>
  - 7 AFRIMETS members are Utilisers or Associates, but would be good to get more **PARTICIPATION** from members!
  - 39 measuring instrument categories in OIML-CS
  - 12 OIML Issuing Authorities with 26 Test Laboratories
  - 33 Utilizers and Associates



# Activities in aid of Countries and Economies with Emerging Metrology Systems (CEEMS)

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- Activities reduced due to pandemic restrictions
- New Advisory Group Vice-Chairperson needed since Peter Ulbig left PTB
- Current projects
  - Revision of D 14 *Training and qualification of legal metrology personnel*
  - Revision of D 19 *Pattern evaluation and pattern approval*
  - New publication on *Application of online technology to capacity building and other CEEMS activities*
- 2020 *OIML Award for excellent achievements in legal metrology in developing countries* awarded to Indonesia
- Nominations for this year's award open now, deadline for nominations 31 August



# e-Learning and other online training

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- No in-person training courses due to pandemic
- New Task Group on online training
  - Updating existing OIML e-Learning platform
  - New development server, software updates
  - New OIML website page on online training
  - Links to online learning available elsewhere



# New online training initiative

- Regular one hour webinars on single metrology topic
  - One speaker
  - Question and answer session
  - Video will be posted on OIML website
- First webinar 30 June – medical devices
- Suggestions welcome for future events





# Task Group on medical devices with a measurement function

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- Set up following discussions at 2020 CIML Meeting
- Meeting April 2021
- Suggestion to start projects on
  - Infrared medical thermometers
  - Verification of sphygmomanometers
  - Pulse oximeters
- Improve liaison with World Health Organisation



# Digitalisation and legal metrology

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- CIPM workshop *The SI in FAIR digital data 22–26 February 2021*
  - ~700 participants - leading experts in digitalisation related to metrology and data science
  - Two OIML presentations by Roman Schwartz
- Draft “Joint statement of intent” concerning the digital transformation of QI activities
- OIML/PTB webinar *Digital Transformation of Legal Metrology* 5 May 2021; ~250 participants
- Proposed new OIML Task Group on *Digital transformation of legal metrology*





# World Metrology Day 2021

World Metrology Day



Measurement  
for Health



20 May 2021  
[www.worldmetrologyday.org](http://www.worldmetrologyday.org)

Journée mondiale  
de la métrologie



Mesurer  
pour la santé



20 mai 2021  
[www.worldmetrologyday.org](http://www.worldmetrologyday.org)

Dia Mundial da Metrologia



Medição para  
a Saúde



20 de maio de 2021  
[www.worldmetrologyday.org](http://www.worldmetrologyday.org)



**Thank you**  
**Merci**  
**Obrigado**

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