

Update from the BIPM

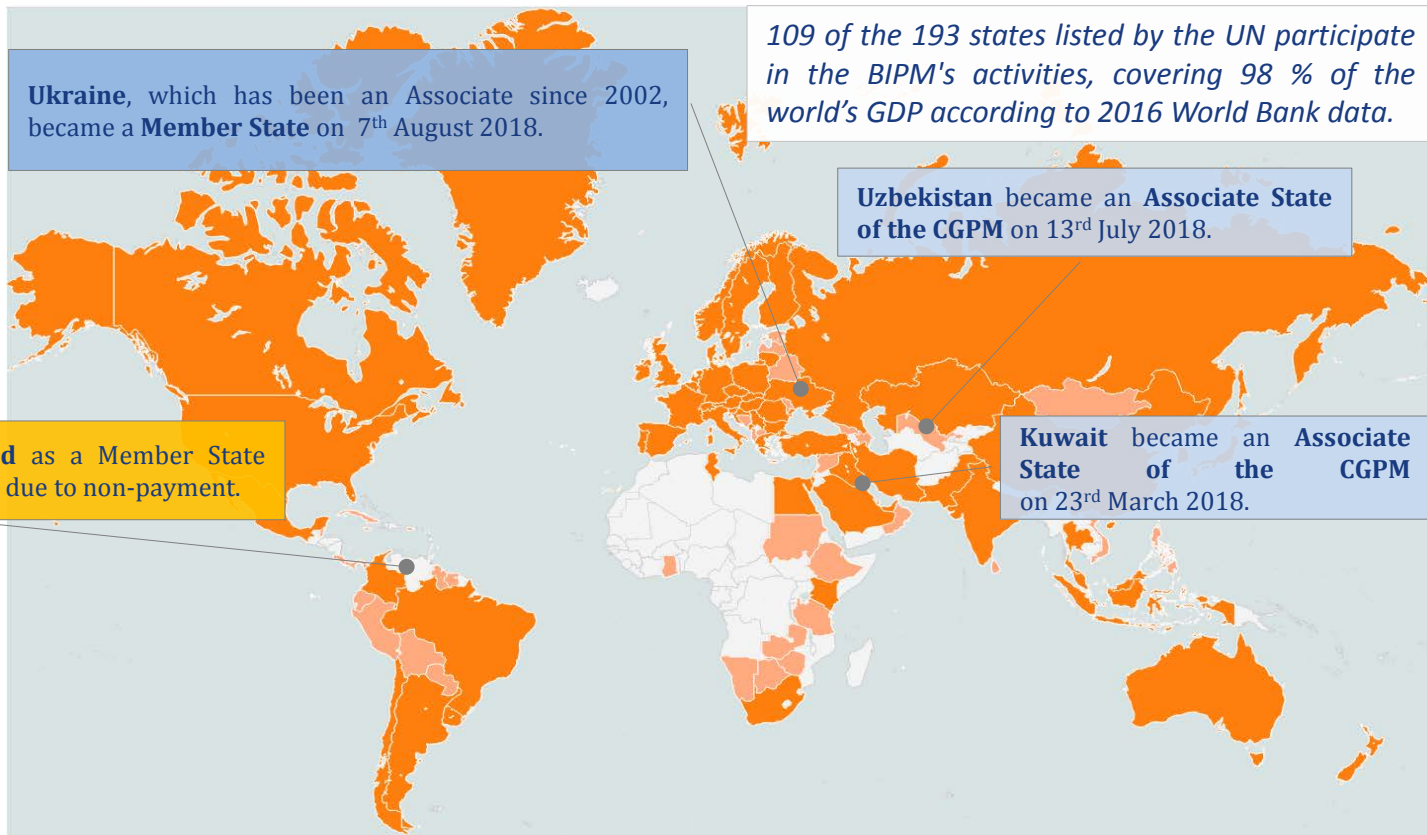


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Member States and Associates

As of 14 November 2018, there are:

- 59 Member States
- 42 Associates of the CGPM (States and Economies)



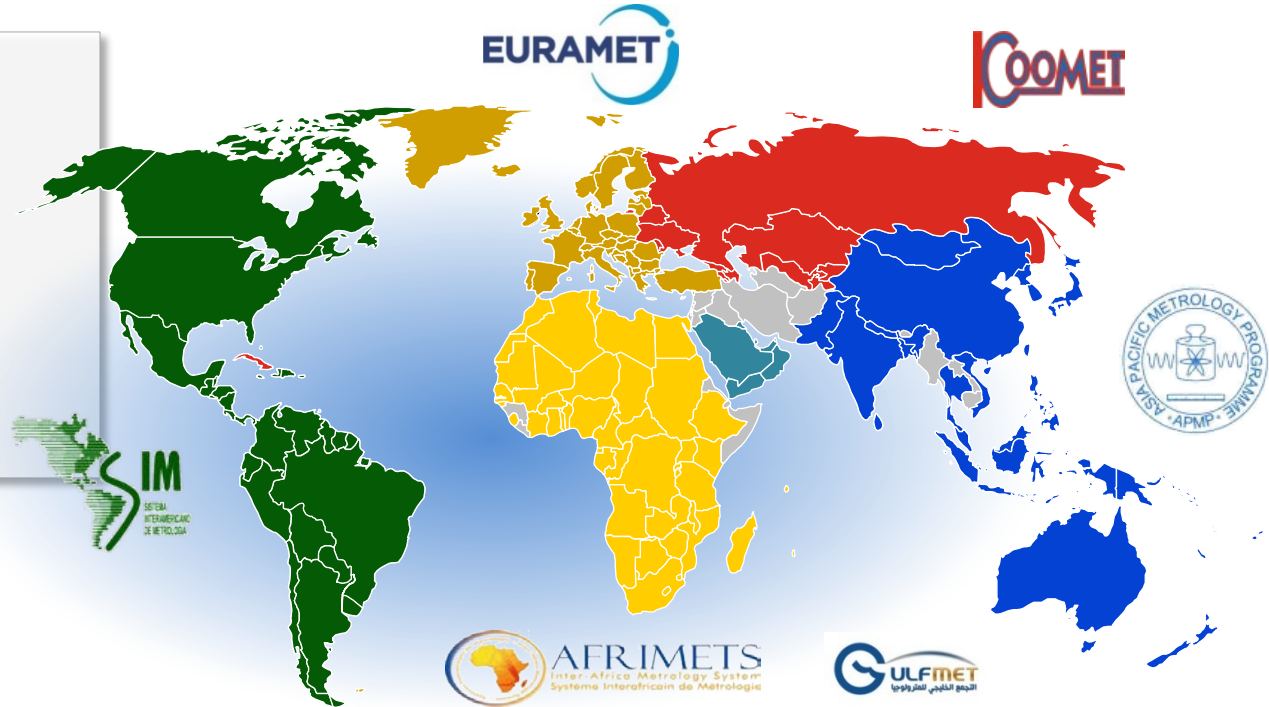
* The official term is "State Parties to the Metre Convention"; the term "Member States" is its synonym and used for easy reference.

CIPM MRA participation today

Participation

- **101 National Metrology Institutes**
 - 59 Member States
 - 42 Associates
- **4 International organizations**
(ESA, IAEA, JRC, WMO)
- **plus 156 Designated Institutes**

Total: 261 Institutes



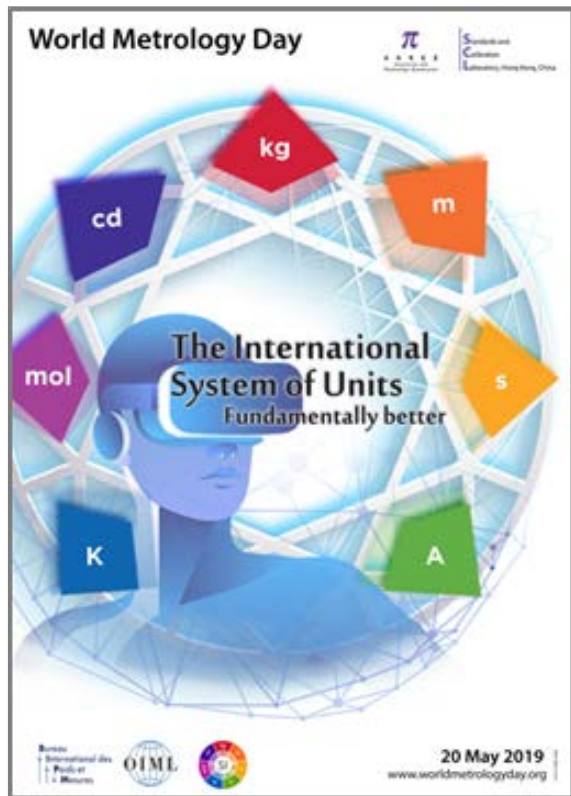
World Metrology Day



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<http://www.worldmetrologyday.org/>

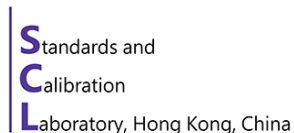
World Metrology Day 2019: Thank you APMP!



The theme of World Metrology Day in 2019 is ***“The International System of Units - Fundamentally better”***

Information on national WMD activities is posted on the website:
<http://www.worldmetrologyday.org>

The 2019 poster was designed by the Standards and Calibration Laboratory, Hong Kong, China.



RMO poster history:

2013: EURAMET

2014: APMP

2015: AFRIMETS

2016: COOMET - VNIIMs

2017: SIM –INM Colombia

2018: EURAMET

2019: APMP

2020: AFRIMETS

2021: GULFMET



Resolutions of the 26th meeting of the CGPM

- 1 On the revision of the International System of Units (SI)
- 2 On the definition of time scales
- 3 On the objectives of the BIPM
- 4 On the dotation of the BIPM for the years 2020 to 2023
- 5 On financial arrears of Member States and the process of exclusion



Watch the open session of the 26th meeting of the General Conference on Weights and Measures (16 November 2018):

<https://www.youtube.com/thebipm>

CGPM outcomes



– the intergovernmental organization through which Member States act together on matters related to measurement science and measurement standards.

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Resolutions of the CGPM: 26th meeting (13-16 November 2018)

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- ↘ 1 On the revision of the International System of Units (SI)
- ↘ 2 On the definition of time scales
- ↘ 3 On the objectives of the BIPM
- ↘ 4 On the dotation of the BIPM for the years 2020 to 2023
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Metrology area:

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The CIPM

↳ President	Dr W. Louw (South Africa)	20 March 2019	2018	15 May 2013
↳ Secretary	Dr T. Usuda (Japan)	20 March 2019	2018	1 July 2012
↳ Vice-President	Prof. J. Ullrich (Germany)	9 March 2015	2018	15 May 2013
↳ Vice-President	Dr J. Olthoff (United States of America)	20 March 2019	2018	2018
↳	Dr F. Bulygin (Russian Federation)		2018	2014
↳	Dr I. Castelazo (Mexico)		2018	2014
↳	Dr D. del Campo Maldonado (Spain)		2018	2018
↳	Dr Y. Duan (People's Republic of China)		2018	8 March 2010
↳	Dr N. Dimarcq (France)		2018	2018
↳	Dr H. Laiz (Argentina)		2018	7 Dec. 2016
↳	Dr T. Liew (Singapore)		2018	2014
↳	Prof. P. Neyezhnikov (Ukraine)		2018	2018
↳	Dr S.-R. Park (Republic of Korea)		2018	2018
↳	Dr M.L. Rastello (Italy)		2018	7 Dec. 2016
↳	Dr P. Richard (Switzerland)		2018	2014
↳	Dr G. Rietveld (Netherlands)		2018	2014
↳	Dr M. Sené (United Kingdom)		2018	7 Dec. 2016
↳	Dr A. Steele (Canada)		2018	2018

Decision CIPM/108-07

The CIPM appointed Dr S.-R. Park as the President of the Consultative Committee for Amount of Substance: Metrology in Chemistry and Biology (CCQM) for a four-year term.

Decision CIPM/108-08

The CIPM appointed Dr N. Dimarcq as the President of the Consultative Committee for Time and Frequency (CCTF) for a four-year term.

Decision CIPM/108-09

The CIPM thanked the Presidents of the Consultative Committees for their work and their excellent reports to the 26th meeting of the CGPM. It decided to reappoint the Presidents of the following Consultative Committees for four-year terms:

- Consultative Committee for Acoustics, Ultrasound and Vibration (CCAUV): Dr T. Usuda.
- Consultative Committee for Electricity and Magnetism (CEM): Dr G. Rietveld.
- Consultative Committee for Length (CCL): Dr I. Castelazo.
- Consultative Committee for Mass and Related Quantities (CCM): Dr P. Richard.
- Consultative Committee for Photometry and Radiometry (CCPR): Dr M.L. Rastello.
- Consultative Committee for Ionizing Radiation (CCRI): Dr W. Louw.
- Consultative Committee for Thermometry (CCT): Dr Y. Duan.
- Consultative Committee for Units (CCU): Prof. J. Ullrich.

CC objectives and decision making

Decision CIPM/106-16

The CIPM decided the following text for inclusion in CIPM-D-01:

In order to be informed of technical developments and evolving stakeholder needs in different areas of metrology, the CIPM has Consultative Committees with agreed scopes and the following three objectives:

- to progress the state-of-the art by providing a global forum for NMIs to exchange information about the state of the art and best practices,
- to define new possibilities for metrology to have impact on global measurement challenges by facilitating dialogue between the NMIs and new and established stakeholders, and
- to demonstrate and improve the global comparability of measurements. Particularly by working with the RMOs in the context of the CIPM MRA to:
 - plan, execute and monitor KCs, and to
 - support the process of CMC review.