

Update from the BIPM

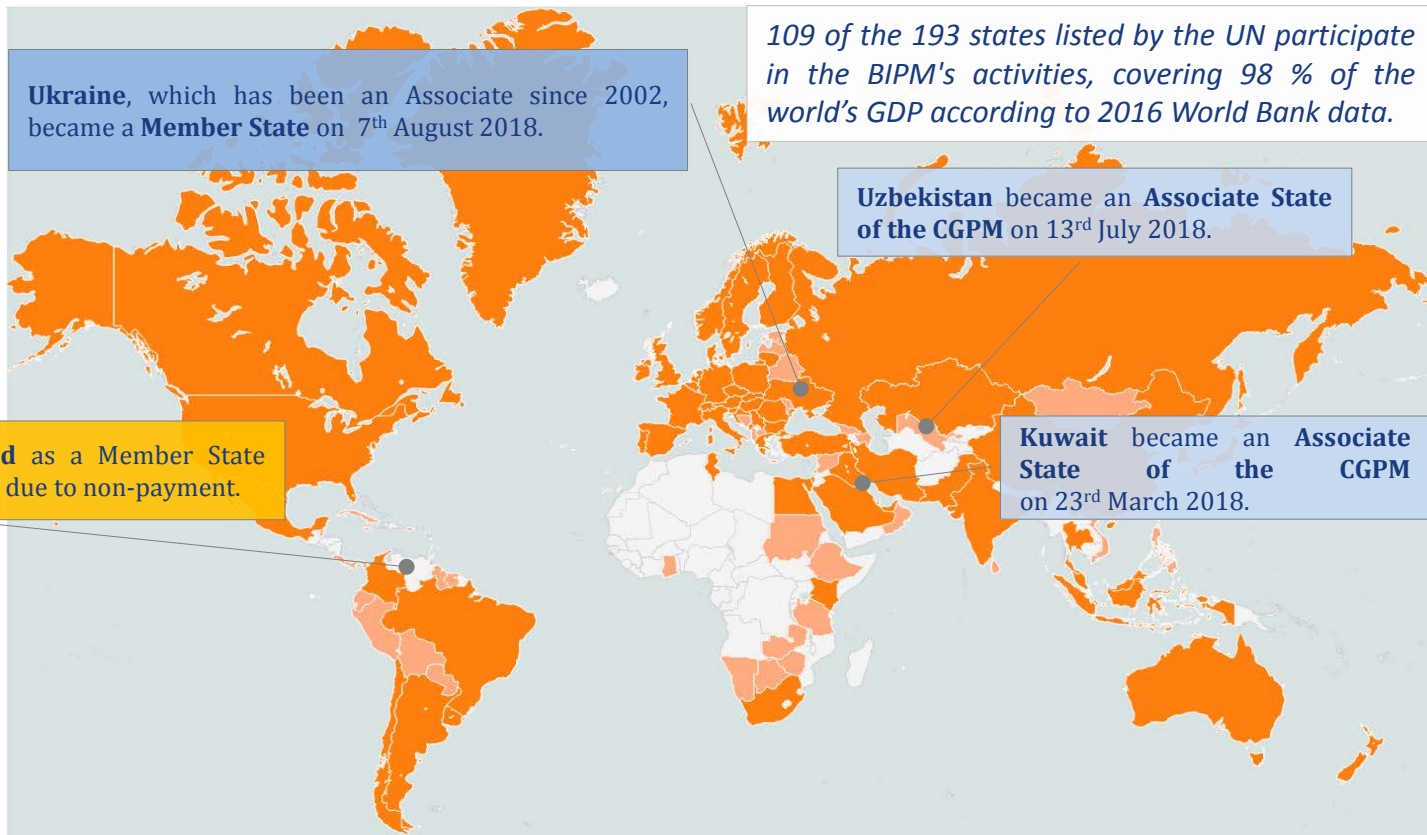


Bureau
| **I**nternational des
| **P**oids et
| **M**esures

Member States and Associates

As of 14 November 2018,
there are:

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



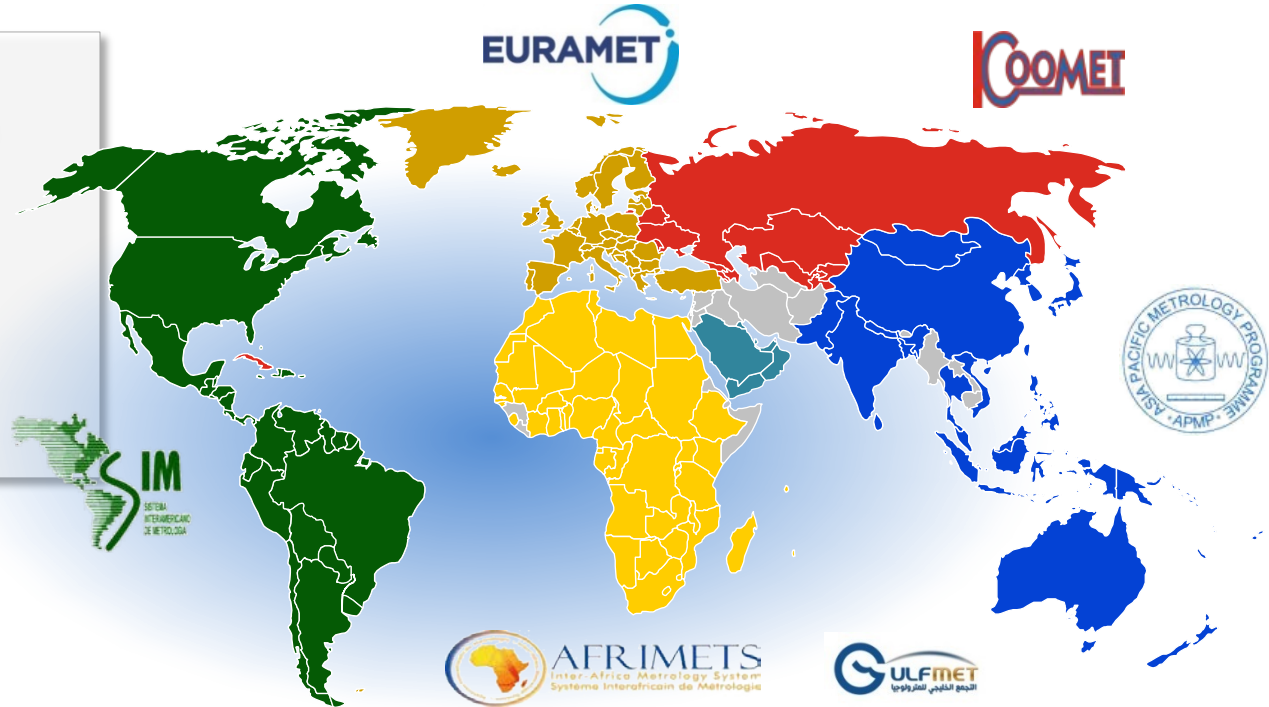
* The official term is "State Parties to the Metre Convention"; the term "Member States" is its synonym and used for easy reference.

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



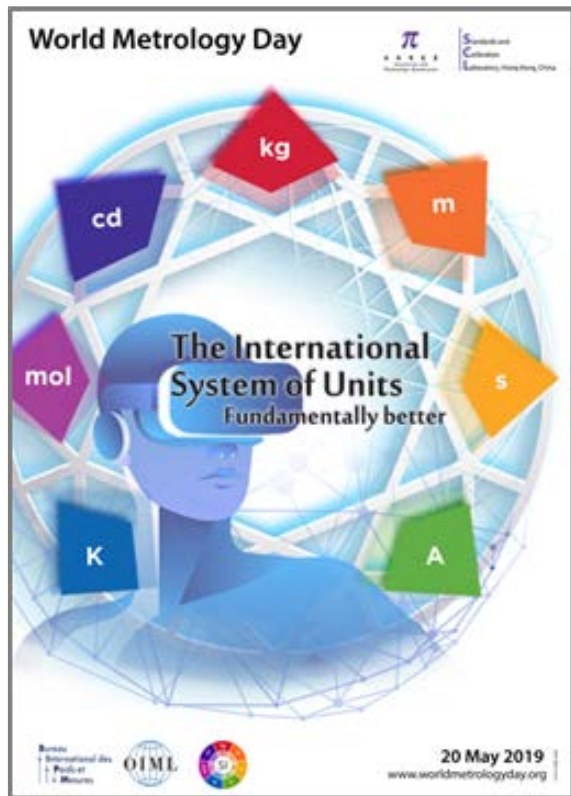
World Metrology Day



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International des
Poids et
Mesures

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

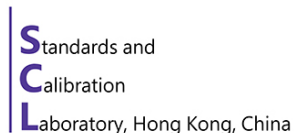
World Metrology Day 2019: Thank you APMP!



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 outcome



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

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> You are here: [worldwide metrology](#) > [CGPM](#) > [resolutions](#) > [26th meeting](#)

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

[Version française](#)

- 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 the financial arrears of Member States and the process of exclusion

↘ Select another meeting of the CGPM

Metrology area:

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[EM](#)

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[RI](#)

[T](#)

[TF](#)

[U](#)

Mandate from the CGPM for Capacity Building

“...fulfilling the BIPM mission and objectives is complemented by its work in:

- **capacity building**, which aims to achieve a global balance between the metrology capabilities in Member States,*
- **knowledge transfer**, which ensures that the work of the BIPM has the greatest impact.”*

Resolution 3 of the 26th CGPM (2018)

Mandate from the CGPM for Capacity Building

- ◆ Workshop-based activities

- take place at the BIPM
- in the regions jointly with RMOs

- ◆ Laboratory-based capacity building placements

- placements at the BIPM
- placements at the partner NMI/DI

- ◆ Knowledge transfer by visiting scientists from NMIs/DIs

- secondment to the BIPM

CBKT STATISTICS:

Over 75 % of Member States and Associates have participated in the CBKT Programme
(as trainees, lecturers and sponsors)

16 CBKT projects

- 12 Completed
- 4 Ongoing

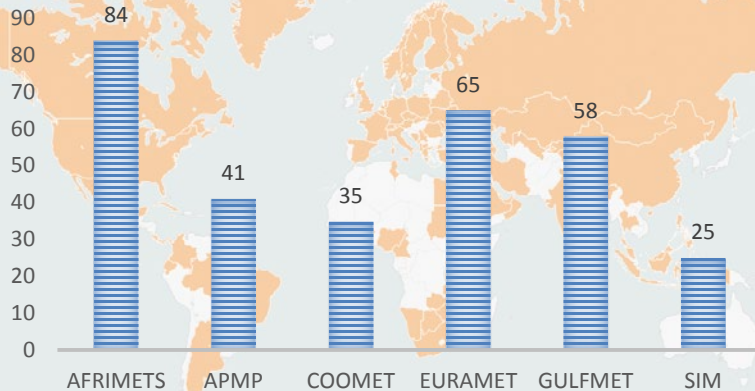
308 people

from 83 countries have benefited

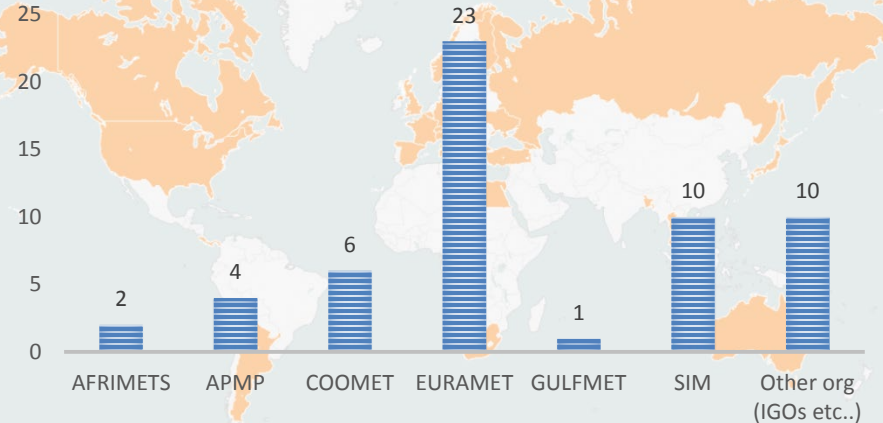
56 invited lecturers

from 27 countries supported to deliver the projects

CBKT BENEFICIARIES



INVITED LECTURERS



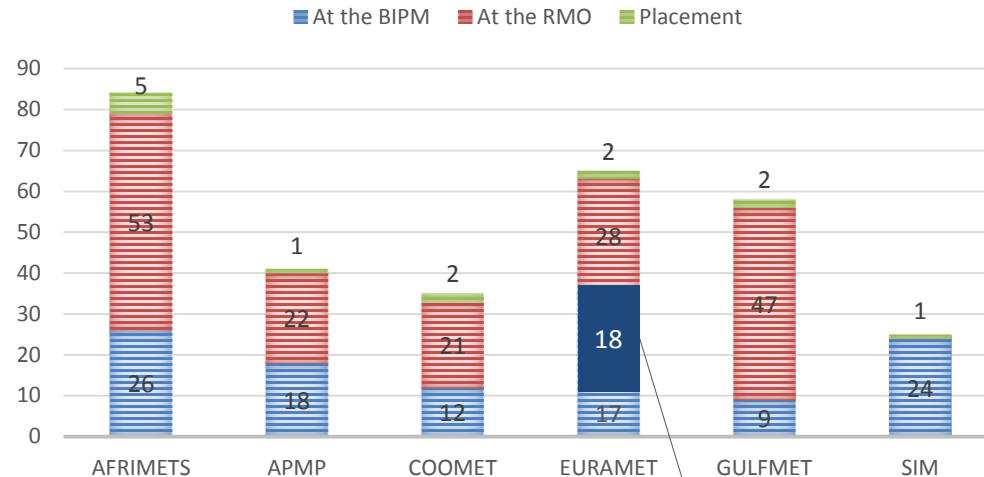
CBKT beneficiaries

308 participants (124 at the BIPM) from 83 countries participated in various training courses!

Total participation:

- 124 at the BIPM
 - 106 Workshop-based
 - 18 laboratory placements
- 171 at the RMO
- 13 Placements
 - 10 TUBITAK UME project
 - 3 Varenna – METAS project

CBKT BENEFICIARIES



- EURAMET TC Leadership course was held at the BIPM



Current secondees and guest workers

- **Dr Sten Bergstrand, from RISE(Sweden)**

on secondment in the BIPM International Liaison and Communication Department from 1 January 2019 to 31 December 2020.

- **Ms Juan Cai, from NIM (China)**

on secondment in the BIPM International Liaison and Communication Department from 3 April 2018 to 25 March 2019.

- **Dr Laura Vanessa Casas Sosa, from LATU (Uruguay)**

on secondment in the BIPM Chemistry Department from 1 March 2019 to 31 May 2019.

- **Dr Ian Chubchenko, from VNIIM (Russia)**

on secondment in the BIPM Chemistry Department from 15 October 2018 to 14 April 2019.



Current secondees and guest workers

- **Dr Claudiu Cojocaru, from NRC (Canada)**
on secondment in the BIPM Ionizing Radiation Department from 3 September 2018 to 26 August 2019.
- **Dr Simon Jerome, from NPL (UK)**
on secondment in the BIPM Ionizing Radiation Department from 3 September 2018 to 29 March 2019.
- **Dr Xianjiang Li, from NIM (China)**
on secondment in the BIPM Chemistry Department from 7 January 2019 to 28 December 2019.
- **Dr Lucía Morales Erazo, from INM (Colombia)**
on secondment in the BIPM Chemistry Department from 1 March 2019 to 31 May 2019.
- **Dr Rachel Torkhani Kouki, from INRAP (Tunisia)**
on secondment in the BIPM Chemistry Department from 1 March 2019 to 30 May 2019.



Upcoming meetings and events at the BIPM

From 26 to 29 March 2019	31st meeting of the CCEM and related meetings
From 6 to 12 April 2019	25th meeting of the CCQM and related meetings
From 13 to 17 May 2019	17th meeting of the CCM and related meetings
From 14 to 17 May 2019	<i>JCGM Working Group 1: GUM at Västerås, Sweden</i>
From 3 to 7 June 2019	27th meeting of the CCRI and related meetings
From 24 to 29 June 2019	<i>JCGM Working Group 2: VIM</i>
From 16 to 20 September 2019	24th meeting of the CCPR and related meetings
From 23 to 27 September 2019	12th meeting of the CCAUV and related meetings
From 8 to 9 October 2019	24th meeting of the CCU
10 October 2019	<i>BIPM Workshop ATFT: the ultimate frontier for remote comparison methods</i>
From 25 to 29 November 2019	<i>JCGM Working Group 2: VIM</i>
From 2 to 3 December 2019	<i>Meeting of JCTLM Members and Stakeholders</i>
From 3 to 6 December 2019	<i>JCGM Working Group 1: GUM</i>
4 December 2019	<i>Meeting of the JCTLM-WG-TEP</i>
4 December 2019	<i>Meeting of the JCTLM-DBWG</i>
From 5 to 6 December 2019	<i>21st meeting of the JCTLM Executive Committee</i>