

A large, abstract graphic on the left side of the slide, composed of several overlapping blue shapes: a large semi-circle at the bottom, a smaller semi-circle above it, and a small solid blue circle to the right of the larger shapes.

## **EURAMET's contribution to BIPM's CBKT Programme**

**12th EURAMET General Assembly  
Plenary Session**  
Bucharest, Romania, 29 - 30 May 2018

Tanasko Tasić, Capacity Building Officer

# Common objectives



## EURAMET CB aims

- preparing NMIs and DIs for full and effective participation in the CIPM-MRA,
- strengthening research activities and participation in joint research projects
- supporting them with specific knowledge for providing services.

## BIPM CB&KT Programme goals

- To reinforce the international metrology system and to “balance the load” amongst the NMIs.
- To promote efficient operation of the system.
- To aid NMIs from Countries and Economies with Emerging Metrology Systems (CEEMS) to engage appropriately and effectively with the international measurement system.

# CIPM-MRA: EURAMET is aligning its activities to the BIPM CBKT-programme



- BIPM courses are supported with lectures,
- BIPM courses offered at international level are adapted to EURAMET needs and offered for EURAMET members, and
- EURAMET initiatives related to CIPM MRA are jointly prepared with BIPM and opened to other RMOs, as far as possible.

# Participation and contribution from EURAMET in the BIPM CBKT activities



CBKT Activity	Students	Lecturers
2016 BIPM-IPS joint Varenna Metrology School and METAS project	1	*
2016 "Leaders of Tomorrow" course	1	7
2017 BIPM-EURAMET "TC Leadership" course	18	11
2017 EURAMET - BIPM Training on review of quality management systems	21	8
2017 "Sound beginning in the CIPM MRA" course	-	3
2018 "Effective participation in Coordinated Universal Time (UTC)" course	7	2
2018 COOMET–BIPM Workshop "Sound beginning in the CIPM MRA"	3	1
2018 "BIPM - TÜBİTAK UME project placements"	1	4
total	52 (21 countries)	34

\*) short researcher grant at METAS

# BIPM CBKT & EURAMET CB; practical examples



Bureau  
International des  
Poids et  
Mesures

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

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## BIPM Capacity Building & Knowledge Transfer Programme

### Future initiatives

→ The BIPM Capacity Building and Knowledge Transfer Programme aims to increase the effectiveness within the world-wide metrology community of those Member State and Associates with emerging metrology systems.

#### 2017 "Sound beginning in the CIPM MRA" course

The "Sound beginning in the CIPM MRA" course is aimed at relevant staff from NMIs that have signed the CIPM MRA but not yet submitted CMCs (or are early in the process). Training will aim to help debutant NMIs achieve 'right first time' submissions into the CMC peer review system. This will help both optimize the NMI success rates and minimize the burden on the wider community that will conduct the reviews.

- Status, dates and application process

### Supporting documents

- Introduction to the BIPM's CBKT programme
- Information for participants
- Information for sponsors
- Resolution 4 of the 25th CGPM (2014): Dotation of the BIPM for the years 2016 to 2019



### Contacts:

- BIPM
- AFRIMETS
- EURAMET
- APMP
- GULFMET
- COOMET
- SIM

### Background

# BIPM – EURAMET TC Leadership Course

## 7 to 10 February 2017



18 participants, 12 countries, 8 technical committees

19 lecturers from BIPM and EURAMET

Committed and valuable contributions from lecturers and participants

Lively and constructive discussions

For more information: See news on EURAMET website  
[“How to lead and organise Technical Committees”](#)

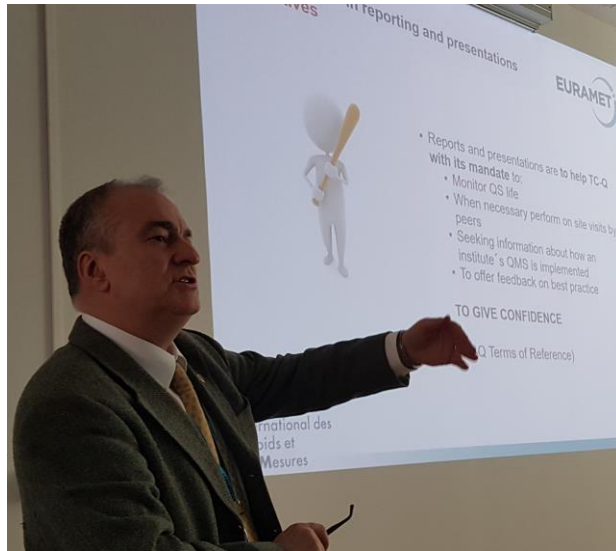
Follow-up of BIPM-course  
“Leaders of tomorrow”  
7 to 18 November 2016

First joint training course  
by BIPM and EURAMET

**Objective:**  
Preparation of future TC  
leaders for their  
responsibilities within the  
CIPM MRA

# EURAMET – BIPM training on review of QMS

## 7/8 November 2017



23 participants, 12 countries, 8 from NMIs, 15 from Dis  
1 guest from COOMET, 1 from GULFMET  
9 lecturers from BIPM and EURAMET  
Practical/exercise part highly appreciated by participants

EURAMET initiative accepted by BIPM

Hosted by INTA, Spain

Objective:  
Preparation of QMS reviewers,  
focus on peer review



For more information: See news on EURAMET website  
["Training course on the review of quality management systems is a success"](#)

# Possible future initiatives



TC Leadership (2nd edition)

EURAMET – BIPM training on review of QMS (2nd edition)

Organising and piloting intercomparisons in specific technical fields

Workshop on effective operation of DIs



# Conclusion



We are very happy that BIPM started the CBKT Programme

EURAMET joined the initiative with pleasure

Many CBKT activities directly in line with EURAMET CB aim and needs

Very positive participants' feedback

Looking forward to future joint initiatives and activities

Thank you for your attention