

# Capacity Building & Knowledge Transfer Programme

The goal of the BIPM CBKT Programme is to increase the effectiveness with which Member States and Associates engage in the world-wide coordinated metrological system



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

**COURSE ACTIVITIES AGENDA**

- day 1: Global QI, Case study, Practical examples
- day 2: Metre Convention, Case study, Impacts of the MRA
- day 3: QMS, Case study, Group work
- day 4: Comparisons, Case study, Group work
- day 5: CMCs, Case study, Group work
- day 6-9: How to achieve 'right first time', Homework, Group work, Lab visits
- day 10-11: Project presentation, Brainstorming, Implementation

**CHEMISTRY projects**

- Metrology for Safe Food and Feed:** Enables NMIs to provide mycotoxin calibrant and matrix reference materials and proficiency test materials to support mycotoxin testing laboratories within their countries.
- Metrology for clean air project:** Allows NMIs to strengthen their gas standard capabilities and further develop their national metrology infrastructure in support of their air quality and emissions measurement communities.

**The BIPM thanks...**

All CBKT placements, workshops and courses have been heavily oversubscribed

**308 people from 83 countries have benefited.**

**BENEFICIARIES**

Organization	At the BIPM	At the RMO	Placement
AFRIMETS	26	53	5
APMP	18	22	1
COOMET	12	21	2
EURAMET	35	28	2
GULFMET	9	47	2
SIM	24	1	1

**FEEDBACK**

**Wolfgang Schmid, EURAMET's Member Service Manager.**  
 "I think we achieved our aim to prepare possible future TC leaders for their responsibilities within the CIPM MRA, giving them a sound understanding of its structure and mechanisms which is the basis to do the job effectively."

**Dennis MKHIZE, South Africa**  
 "I gained numerous skills upon completion of my training, such as linking metrological traceability to the quantitative analysis of..."

**Blessing CHIBAYA, Zimbabwe**  
 "I have no doubt that the 'achieve right first time' emphasis will be met in the future submission to the KCDB..."

**Robert MEDFORD, Grenada**  
 "I have gained a sound foundation of knowledge of the CIPM MRA which I can disseminate in my country and region..."

**Pavel NEYZHMAKOV, COOMET Vice-President**  
 "...the knowledge they gain will give them more insight into the process of signing the CIPM MRA and will allow them to effectively carry out comparisons and operate laboratory procedures to achieve successful first-time QS and technical peer evaluation..."

**Valnei SMARCARO DA CUNHA, Brazil**  
 "...course was a highly positive experience that went beyond the technical aspects, as I could interact with colleagues from different areas, from different countries and cultures..."