

A large, abstract graphic on the left side of the slide, composed of several overlapping, curved blue shapes in various shades of blue, creating a sense of motion and depth.

EURAMET Capacity Building

CaBuCo Call 2 information session

Tanasko Tasić, EURAMET CBO

CB Instruments: yesterday, today and tomorrow

	Typical duration	2019	2020	2021	2022	2023	2024	2025	2026
Training courses and workshops	3d	+	+	+	+	+	+	+	+
Mentoring Scheme Award (MSA)	3w	-	+	+	+	-	+	+	+
RMG – researcher mobility grants / support (shorter)	3m	+	+	+	+	-	+	+	+
Small collaborative projects	1.5 y	-	+	+	-	-	-	-	
Research Potential Projects	3y	-	-	-	+	+	+	+	+
E-Learning platform	-	-	+	+	+	+	+	+	+
Collaboration with EMNs	-		+	+	+	+	+	+	+

- Good complementarity of instruments (e.g. of various duration)
- Certain preferences for each of them (by group of NMI/DIs)
- No need to introduce new ones

(according to CB Survey 2022)

Research

EMPIR memb. fee fund

CBC call 2024, start 2025

JRP funding

Not all of these instruments would be available every year

Overview 2025



Training courses	E-Learning courses in prep	RMS (CaBuCo)	MSA (CaBuCo)	RPT PRTs proposals
Preparatory workshop for 2025 RPT Call, 15&17 January 2025	Thermometry summer school	24-01-0006 INRIM METAS DC an Low Frequency impedance bridge	24-01-0003 RISE VTT Sr+ ion optical clock	External partners can coordinate 23 PRTs received 6 SRTs expected
Digitalisation Spring Camp 25-28 March 2025	Thermophysical quantities (17IND11 Hi-TRACE)	24-01-0007 METAS VTT SI-traceable strategies for calibration of air quality sensor	24-01-0011 INTiBS LNE Temperature	
EURAMET training course on QMS Review, INTA, Spain, 2025 w40	Magnetic measurements (21SCP02 TRaMM)	24-01-0011 GUM NPL Environment	24-01-0009 LNE PTB Analysis of CIPM MRA key comparisons	
Making a strong case for the value of metrology, Workshop for NMI Delegates (GA, Berlin), 2025-06-06	EURAMET operation related courses	24-01-0004 VINS STUK Ionizing radiation	24-01-0010 PTB BIM Viscosity measurement	
Workshop for new TC Chairs (GA, Berlin), 2025-06-06	Flow summer school	24-01-0009 CEM PTB Optical ion clock	24-01-0002 IPQ CEM High Temperature	
		24-01-0010 CEM PTB Optical ion clock		
CaBuCo 1st call				

CaBuCo project

Capacity Building Coordination



Starting from October 2024, the financial support for **Training Events, Mentoring Scheme Award and Research Mobility** goes through the **Capacity Building Coordination (CaBuCo) project**, EURAMET Coordination & support action to support capacity building.

<https://cabuco.cmi.gov.cz/>; Coordinator is Peter Kiska (CMI) <peter.kiska@cmi.gov.cz>

Online application and evaluation, **subsequent 4-months call cycles**

Intensive efforts to distribute information about calls throughout EURAMET

- Newsletters (a dedicated CaBUCO one, New Year newsletter, mailings by CBO)
 - Two online information sessions (27 November, 18 January)
 - BOD-WGCB meetings, TC meetings
- resulted in attracting good number of applications
- Stakeholder Committee meets for confirmation of first call results on 13 February

Call 2 is OPEN
Second Call of the Capacity Building Coordination project is OPEN from

1 February, 2025.

Applicant can submit application online.

The deadline for submitting applications is on

31 May, 2025, 23:59 CEST.

Capacity Building Coordination

The landscape of the European metrology infrastructure is constantly changing with emerging metrology systems or fields of measurements. This project aims to support EURAMET's members and associates to develop a balanced and integrated metrology system in the participating countries. It will provide support and coordination of existing capacity building instruments (Researcher Mobility Support, Mentoring Scheme Award, Training Events) to address key metrological challenges and build capacities through knowledge transfer activities.



Source: istockphoto

Research Mobility Support (RMS)

This instrument supports researchers from EURAMET metrological institutes to join an organisation in a different country to their employer (an EURAMET NMI or DI or other institution that can host suitable research) for between one to nine months, in order to perform research in the selected field. The grant funds travel, subsistence, and other allowances, but not the salary of the researcher. The salary of the researcher must continue to be paid by the Employing Organisation.

[MORE INFORMATION](#)

CALLS

Call 2 is OPEN

Second Call of the Capacity Building Coordination project is OPEN from 1 February, 2025. Applicant can submit application online. The deadline for submitting application is on 31 May, 2025, 23:59 CEST.



NEWS | HIGHLIGHTS

CaBuCo project information session 2

16 January 2025, 10:00 CET Starting in October 2024, the financial support for Training Events, Mentoring Scheme Award and Research Mobility Support will go through the Capacity Building Coordination (CaBuCo) project, EURAMET Coordination & support action to support capacity building. The second information session for EURAMET's Capacity Building initiative aims to provide potential applicants with [...]

CaBuCo project information session

The event held on Wednesday, 27

Mentoring Scheme Award (MSA)

The Mentoring Scheme Award provides a platform for staff from two different EURAMET metrological institutes (NMIs and DIs), in different countries, to set up a partnership and work together on a relevant topic, such as technical, managerial, comparisons or traceability. MSA participants will spend between 2 and 6 weeks (not necessarily consecutive) at the partner organisation in a different country to their employing organisation.

[MORE INFORMATION](#)

Training Events (TE)

(Courses, Workshops, Summer Schools)

For EURAMET metrological institutes (NMIs and DIs) to maintain and further expand its capacity building efforts, it is crucial to ensure the long-term stability of the resources (human and financial) that sustain them. Training events (courses, workshops, and summer schools) develop the technical skills of existing staff at NMIs/DIs, support the development of newly qualified staff for all EURAMET NMIs/DIs and prepare them for work in a metrological laboratory.

[MORE INFORMATION](#)

Results of the 1st CaBuCo call



	CBC Instrument	Application Code	Estimated Budget	Sending institution	Hosting institution	
1	RMS	24-01-0006	25.587 €	INRIM	METAS	DC an Low Frequency, improvement on impedance bridge
2	RMS	24-01-0007	6.964 €	METAS	VTT	To develop SI-traceable strategies for the calibration of air quality sensors
3	RMS	24-01-0011	4.900 €	GUM	NPL	Environment
4	RMS	24-01-0004	9.996 €	VINS Serbia	STUK Finland	Ionizing radiation
5	RMS	24-01-0009	8.786 €	CEM	PTB	Optical ion clock
6	RMS	24-01-0010	8.786 €	CEM	PTB	Development of Optical ion clock
7	RMS	24-01-0003	3.615 €	CEM	LNE	Temperature
8	RMS	24-01-0005	5.075 €	CMI	INRIM	To perform gravimetric preparation of gas mixtures

1	MSA	24-01-0003	6.350 €	RISE	VTT	Sr+ ion optical clock
2	MSA	24-01-0002	3.400 €	IPQ	CEM	Temperature
3	MSA	24-01-0011	9.620 €	INTiBS Polland	LNE	Temperature
4	MSA	24-01-0009	5.000 €	LNE	PTB	Analysis of CIPM MRA key comparisons
5	MSA	24-01-0010	9.145 €	PTB	BIM	Viscosity measurement
6	MSA	24-01-0004	6.800 €	DFM	Uni of Ljubljana	Temperature
7	MSA	24-01-0006	3.425 €	NPL	CMI	Dimensional Nanometrology
8	MSA	24-01-0007	8.000 €	IMBiH	PTB	Temperature

1	TE	24-01-0003	19.338 €	INTA Spain		EURAMET Training course on review of QMS
2	TE	24-01-0004	23.340 €	FTMC Lithuania		Introduction to metrology practices

Distribution of engagement



CBO

Overall facilitation

- Supporting applicants in designing training courses
- Pairing visitors and hosts for MSA
- Pairing visitors and hosts for RMS
- Supporting applicants in drafting MSA and RMS programmes
- Continuous communication with the CaBuCo coordinator
- ...

Earlier mostly done by CBO

CaBuCo SC

- Evaluation of applications
- General project monitoring

Earlier done by BOD-WGCB,
Management Board, JRP referees

BOD-WGCB

Central point for discussion,
monitoring and advise on CB within
EURAMET

CaBuCo Project

- Running the calls
- Advising applicants on rules and processes, explanation of eligibilities of applicants and costs, application process,
- Organising evaluation
- Contracts
- Supporting performance
- Reimbursements
-

Earlier mostly done by MSU

Training courses

EMPIR HI-CB

Collection of needs (BOD-WGCB, TCs, EMNs)
CBO, over the year

Preparation of annual action plan (BOD-WGCB)

Approval of the annual action plan (EMPIR Committee)

Finding hosts and lecturers (initiator, CBO)

Definition of the programme (initiator, host, CBO)

Logistics, e.g. web event, publicity, registration (Secretariat)

Performance

Follow up – Secretariat
e.g. Reimbursements, participants' feedback, publicity

Reporting (CBO)

CaBuCo

Identifying needs (BOD-WGCB, TCs, EMNs)
Through CBO or directly

Finding hosts and lecturers (initiator, CBO)

Application (CaBuCo)

Evaluation (CaBuCo SC)

Contract between host and CaBuCo

Definition of the programme (initiator, host, CaBuCo)

Logistics, web event, publicity, registration (CaBuCo)

Performance

Follow up – CaBuCo
e.g. Reimbursements, participants' feedback, publicity

Reporting (CBO, MSU)

Every 4 months

Mentoring Scheme Award

EMPIR HI-CB

Annual budget approved by EMPIR Committee

Collection of needs CBO

Searching for hosts and matching pairs host-researchers (CBO)

Application (to CBO)

Evaluation
1. BOD-WGCB SC
2. EURAMET Management board

Performance

Follow up – Secretariat
e.g. Reimbursements, participants' feedback, publicity

Reporting (CBO)

Permanently open call

CaBuCo

Identifying needs (BOD-WGCB, TCs, EMNs)
Through CBO or directly

Finding hosts and mentees (initiator, CBO)

Application (CaBuCo)

Evaluation (CaBuCo SC)

Contract between participants and CaBuCo

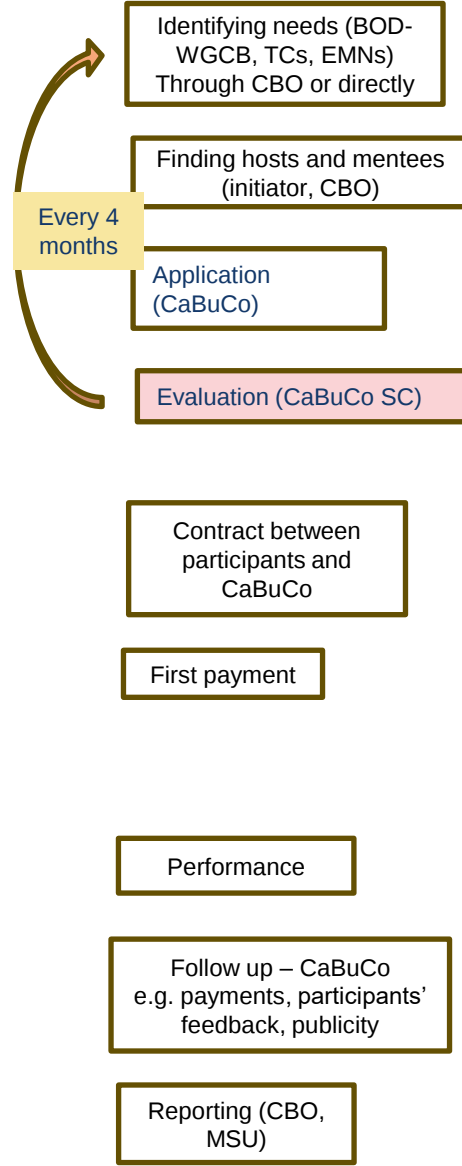
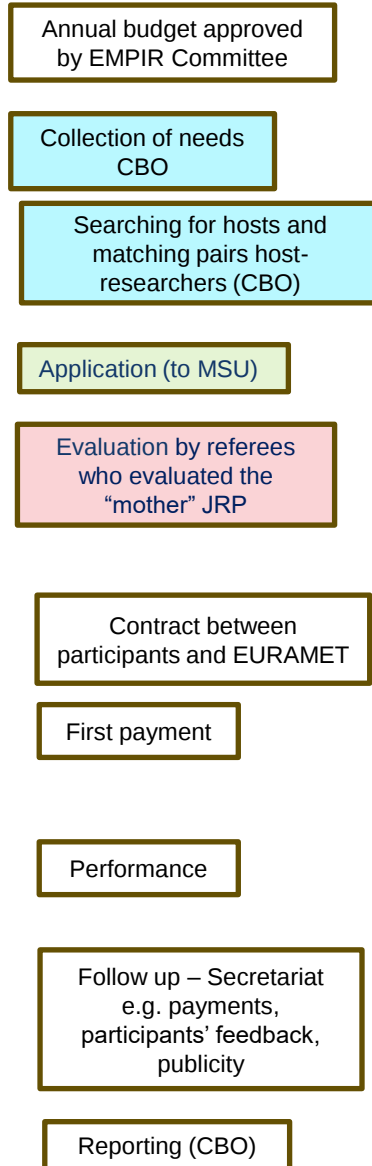
Performance

Follow up – CaBuCo
e.g. Reimbursements, participants' feedback, publicity

Reporting (CBO, MSU)

Every 4 months

Call open
over the
summer



Improvement of
evaluation procedure

Stakeholder committee:

- Peter Kiška, CMI, coordinator
- Tanasko Tasić, EURAMET, no voting right
- Joao Alves e Sousa IPQ, EMN Clean Energy
- Katarina Hafner Vuk, IMBiH
- Lauri Lillepea, METROSERT
- Miruna Dobre – SDM, Vice-Chairperson (GA)
- Peter Pavlasek – SMU, Partnership SC Capacity Building
- Robert Gunn – NPL, TC-Interdisciplinary metrology
- Wolfgang Schmid – PTB, Convenor BOD-WGCB
- Stéphane Plumeri, LNE

Thank you for your attention

Questions?

Contact: tanasko.tasic@euramet.org