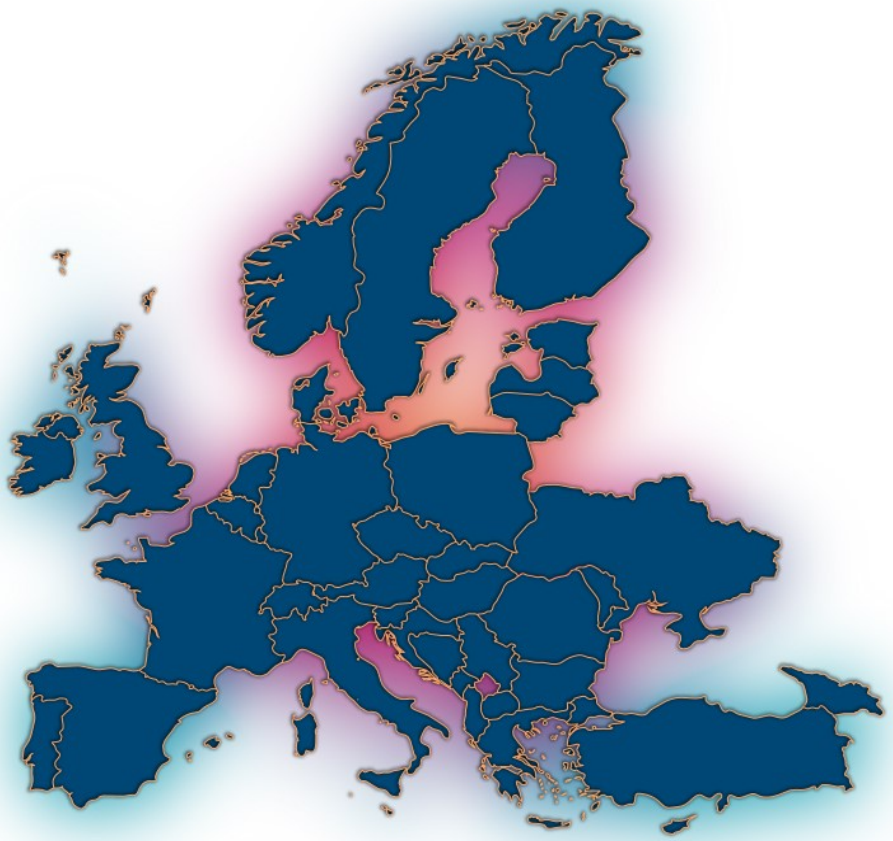
EURAMET Report

EURAMET e.V.
Membership

- 39 Member NMIs, including ME (Ukraine) as applicant
- 76 Designated Institutes
- 16 Liaison Organisations

Since last JCRB meeting:

- GEOSTM (Georgia) accepted as full member
- VFCL (Czechia) accepted as Associate DI
- MBW Calibration AG (Switzerland), MIRS/ZAG/SM 480 (Slovenia) and NMO (UK) no longer Associates
- Four Ukrainian DIs (as listed in Appendix A of KCDB) have been invited to apply for Associate DIs status – possible acceptance later in 2024.



Strategic Framework

Engaging Stakeholders

- Understand stakeholder needs
- Impact through take-up of results

Value to Members

- Underpin requirements of the CIPM MRA
- Assist members in achieving capabilities
- Help bridge the gap between members



Advancing Quality Infrastructure

- Support the development of QI systems
- Contribute to better standardisation

Collaborating with Policy Makers

- Contribute to better regulation
- Provide inputs to relevant policies
- Elevate Metrology to decision makers

Supporting Joint Research

- Strengthen research collaboration
- Align research to new challenges
- Deliver excellence on metrology

General Assembly

The 18th EURAMET General Assembly was hosted by NPL in Teddington, UK between 4 – 6 June 2024



The 19th General Assembly will be hosted by PTB in Berlin, Germany in the week of 2 June 2025

Chairpersons



Dolores del Campo (CEM, Spain) began her three-year term as **EURAMET Chairperson** with General Assembly in June 2024.
chairperson@euramet.org



Maguelonne Chambon (LNE, FR)
Vice Chairperson (Research)
empirchair@euramet.org



Miruna Dobre (SMD, BE)
Vice Chairperson (GA)
vicechairperson@euramet.org

Secretariat Management Board



Mikko Merimaa
General Secretary and
Programme Manager
mikko.merimaa@euramet.org



Ömer Altan
Member Services Manager
omer.altan@euramet.org

Board of Directors

Name	Institute	Country	Position	
Dolores del Campo	CEM	Spain	Chairperson	
Miruna Dobre	SMD	Belgium	Vice-Chairperson (GA)	
Maguelonne Chambon	LNE	France	Vice-Chairperson (EMPIR)	
Isabel Godinho	IPQ	Portugal	Member	
Hans Arne Frøystein	JV	Norway	Member	Re-Elected
Hanspeter Andres	METAS	Switzerland	Member	
Michela Sega	INRIM	Italy	Member	
Richard Brown	NPL	UK	Member	New member
Annette Röttger	PTB	Germany	Member	New member

Technical Committees

TC	TC-Chair	Institute	Country	
AUV	Enver Sadıkoğlu	TÜBITAK UME	Türkiye	
EM	Damir Ilić	FER-PEL	Croatia	
F	Erik Smits	VSL	Netherlands	
IM	Robert Gunn	NPL	UK	Re-elected
IR	Linda Persson	SSM	Sweden	New
L	Sten Bergstrand	RISE	Sweden	
M	Zoltan Zelenka	BEV	Austria	
MC	Teemu Näykki	MIKES-SYKE	Finland	Re-elected
PR	Joaquin Campos Acosta	IO-CISC	Spain	
Q	Jaroslav Mucha	CMI	Czechia	New
T	Mohamed Sadli	LNE-LCM/CNAM	France	New
TF	Joseph Achkar	SYRTE-LNE	France	

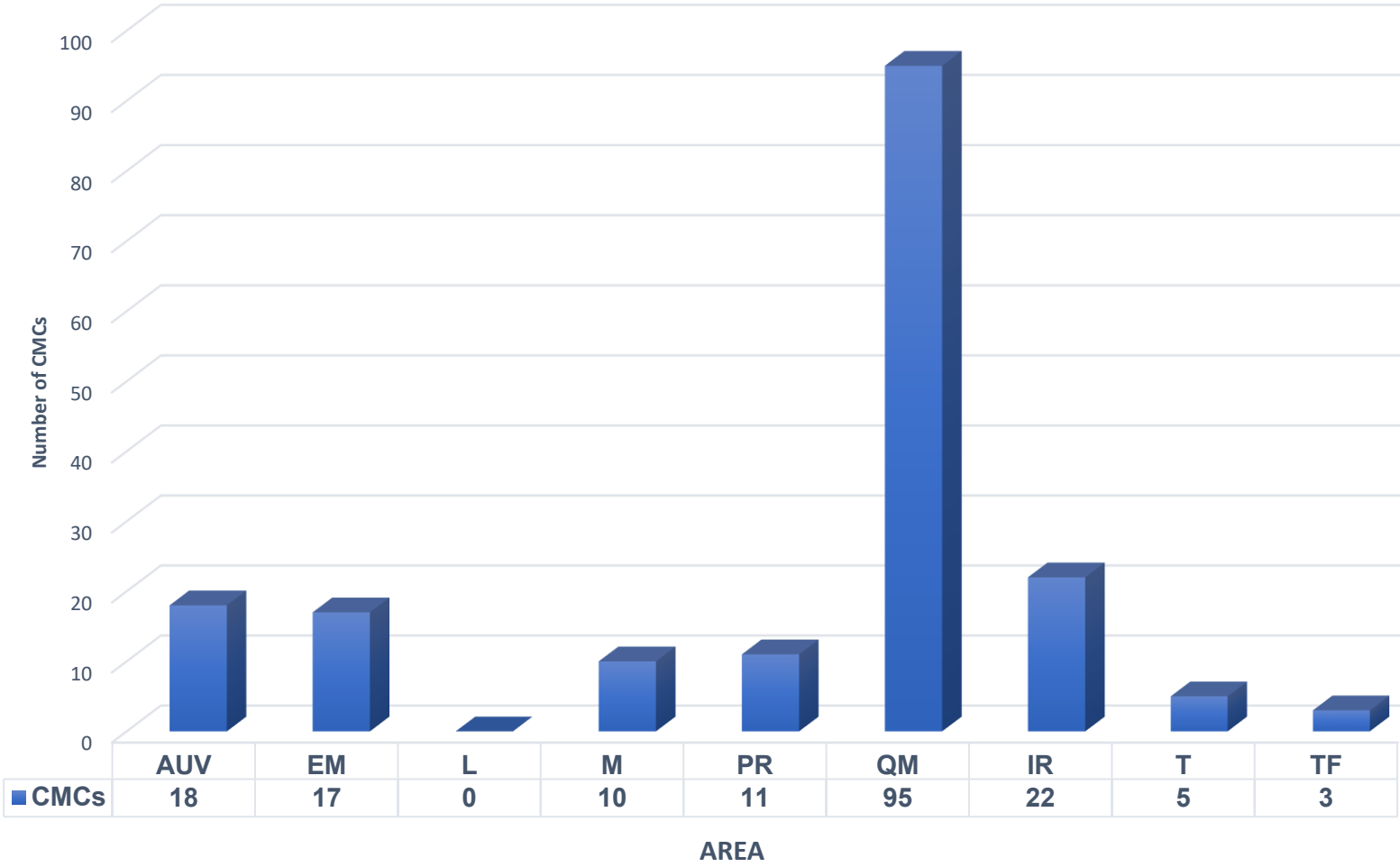
Elections of <u>new</u> Chairs for TCs **AUV**, **L**, **M**, **PR** and **TF** planned in late 2024.
Chairs of TCs **EM** and **F** up for re-election. Two-year terms begin with GA 2025.

Registered Comparisons 2023 - 2024

Area	KCDB Identifier	Title	Pilot	Status
F	EURAMET.M.FF-S20	Supplementary comparison: Intercomparison of calibration of a rotary piston gas meter G650	CMI	in progress
IR	EURAMET.RI(II)-S9	Supplementary comparison - Third interlaboratory comparison of radionuclide calibrators	FTMC	in progress
L	EURAMET.L-K4.n01	Key Comparison: Calibration of Diameter Standards	CEM	agreed
M	EURAMET.M.F-K2.a	Force subsequent key comparison (50 kN and 100 kN)	INRIM	in progress
M	EURAMET.M.G-K2.2023	Key comparison of absolute gravimeters	VÚGTK	in progress
MC	EURAMET.QM-K19.2018	Key comparison on Borate Buffer	GUM	in progress
PR	EURAMET.PR-S7	Supplementary comparison on primary realisations of gloss scales	METAS	in progress

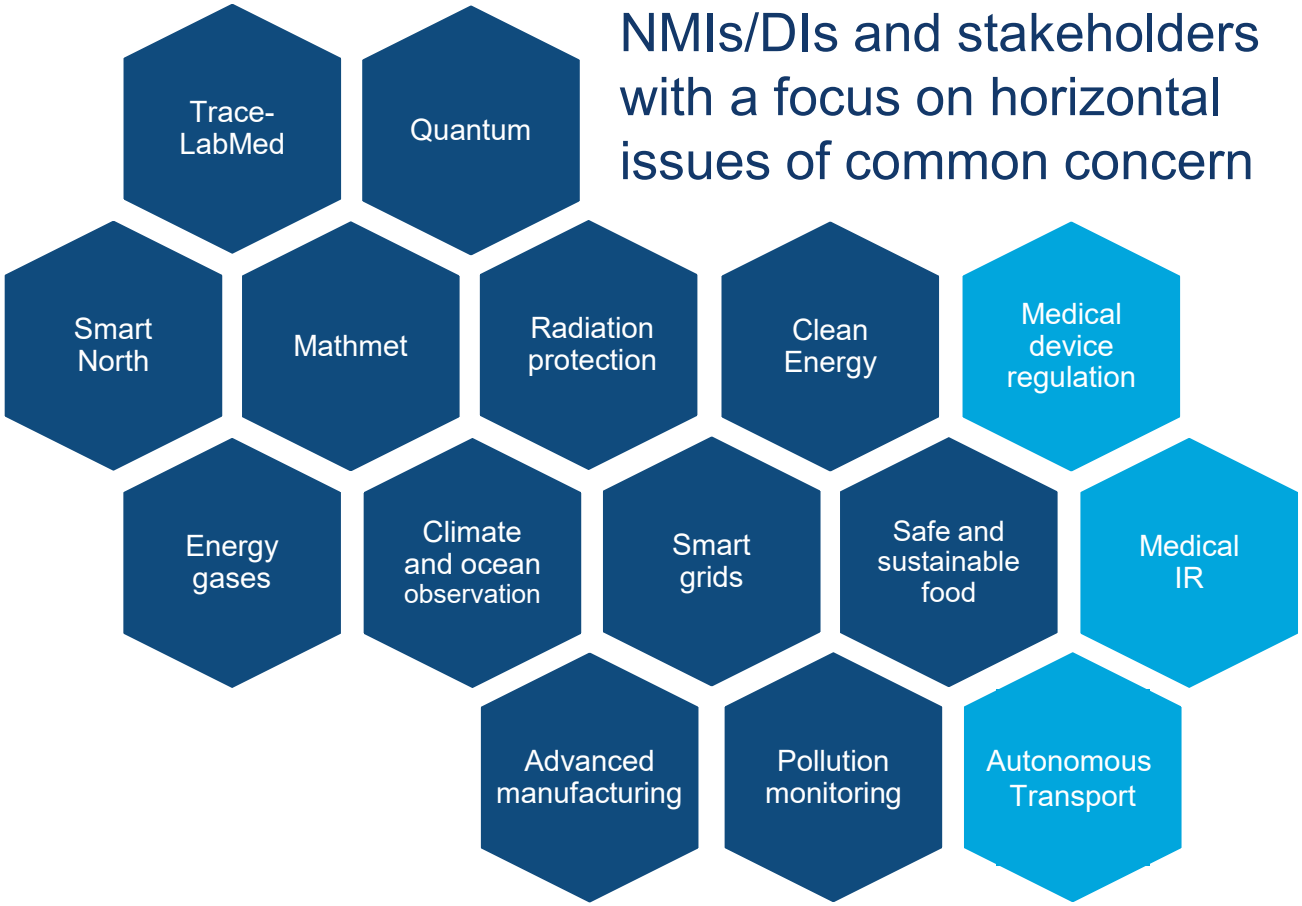
Additional 1 KC (IR) and 3 SCs (1 IR & 2 QM) accepted as EURAMET projects yet to be registered in the KCDB

Approved CMCs 2024



European Metrology Networks

EMN's aim to bring together NMIs/DIs and stakeholders with a focus on horizontal issues of common concern



12 EMNs established. 3 more in development.

EMNs develop SRAs responsive to stakeholder needs to guide research efforts

SRAs contribute to strategies of other organisations

EMN Strategic Research Agendas: https://www.euramet.org/research-innovation/metrology-partnership/strategic-research-and-innovation-agendas

Partnership on Metrology

2024 Calls:

- Green Deal, Digitalisation, Normative, Research Potential, CSA – Impact
- Total project funding of 51 M€
- Second stage (JRP proposal submission) closing on 30 September, review and selection of projects in November.

2025 Calls:

- Health, Integrated European Metrology, Regulation, Research Potential
- Total project funding 47 M€
- **First stage (call for Potential Research Projects) to open in January 2025**
- **External partners welcome!**

(e.g., NMI/DIs from other RMOs and non-EU research orgs. Some may be eligible for funding!)



All call documentation available at: https://metpart.eu/

Capacity Building

Coordination and support action on CB (1 M€) between 2024 - 2028:

- **Researcher Mobility Support** – supporting secondments between NMIs to work in Partnership Projects
- **Mentoring Scheme Awards** – Pairing NMIs/DIs for short term, highly specific collaborative work to improve measurement capabilities
- **Training Events** – Focused training events on diverse topics. Open to participation from other RMOs (unfunded)

Just finished: EURAMET Summer School on Flow Metrology, 9 -13 September 2024, CMI (Czechia)

Upcoming: EURAMET-BIPM training course on National time scale and dissemination of time and frequency, 29 – 31 October 2024, ROA (Spain)

Watch EURAMET website & LinkedIn account for announcements and news on capacity building activities!

Digitalisation

- Key issue for EURAMET
- All TCs and EMNs have groups / experts responsible for the topic but most activities within **EMN Mathmet** and **TC-IM WGM4D**
- **Three projects within TC-IM:** DCC, Research Data Management and Sensor Network Metrology
- Web of overlapping memberships in groups focused on digitalisation (within EURAMET and at CIPM level) can ensure common approaches
- Discussion ahead: Possible transformation of TC-IM WGM4D to a WG under BoD or into a new technical committee to give greater prominence to issue and act as EURAMET support structure to CIPM Forum on Metrology and Digitalization
- **What are the approaches taken in other RMOs to digitalisation?**

EURAMET Guides

Calibration Guidelines, Technical Guides, and other guideline documents

- 102 000 downloads of Calibration Guidelines in 2023, used as references worldwide
- New guidelines in development, existing ones under continual review
- New category: Expert documents: produced within projects or generated by EMNs & TCs
- Available to members and stakeholders



View on Future of Metrology



The European Metrology Agenda builds on the needs arising from the transition of the energy supply, protection of the biosphere, a competitive European industry, digital transformation, circular economy, transformation of national health systems, and resilience of the European infrastructures.

Four key areas that will generate needs for comprehensive, strategic, and coordinated metrology agenda for Europe in the decade 2030 to 2040:

1) Green Deal
2) Competitive and resilient industry
3) Health
4) Cohesion and infrastructure.

https://www.euramet.org/about-euramet/metrology-for-a-stronger-europe-white-paper