

# **News from TC-MC**

**EURAMET GA 2023**

**Tallinn, Estonia  
31 May, 2023**

**Teemu Näykki**  
EURAMET TC-MC Chair

# TC-MC highlights



- Physical EURAMET TC-MC meeting
  - 3-day meeting in Paris with total more than 80 participants from over 30 countries



# TC-MC management



**Thanks  
to:**

Sophie  
Vaslin-Reimann

Daniela Stoica

Role	Name	Institute	Country
TC Chair	Teemu Näykki	Syke	Finland
Sub Committee Convenors			
Gas Analysis	Janneke van Wijk	VSL	Netherlands
Inorganic Analysis	Rainer Stosch	PTB	Germany
Electrochemical Analysis	Matilda Rozikova	CMI	Czechia
Bio and organic Analysis	Mine Bilsel	UME	Türkiye

re-elected

re-elected

# Cycle XXIV intra-RMO review



- 300+ CMCs submitted for TC-MC intra-RMO review process
- Probably a record in the TC-MC history!!!
- Thanks to SC convenors and TC-MC experts/reviewers for their invaluable work
  - Especially SC Gas analysis

- First Ukrainian CMCs (by UkrMetrTestStandard) have been submitted to EURAMET for Intra-RMO review process this spring.
  - CMCs are currently under review and will be submitted to inter-RMO review once the EURAMET TC-Q has approved their QMS.
- VSL will organize two regional comparisons linked to key comparisons with Ukraine (K118 natural gas and hydrogen enriched natural gas and K3 automotive gas mixtures).

## JRC/IRMM reference materials as a source of traceability

- In 2022, ca. 80 QM CMCs were deleted from KCDB.
- Mainly the TC-MC institutes are not using anymore the JRC materials as a source of traceability.
- Some institutes still use JRC/IRMM materials which has no expiry dates
  - e.g. the material is solid boric acid and the isotopic composition will not change → certificate is still valid.
- However, the question arises whether SI-traceability according to CIPM MRA is still valid if there is no longer any CMC support for the IRMM reference materials.
  - This question might be relevant in a potential re-review of these CMCs within the next few years.

- There is an issue with the organization of international CCQM comparisons especially in the area of electroanalytical chemistry.
  - Russian NMIs are involved in every KC
  - The most of potential pilot laboratories have withdrawn to organize international comparisons.
- There is a risk of CMCs to be greyed out because validity of KC support will be exceeded.
  - Support for all concerned CMCs will realistically be available **not before 2027**, maybe even later.
  - Aim to organize subsequent comparison in the frame of EURAMET members.
- CCQM KCWG chair has agreed that KCWG will not re-review EAWG CMCs without first contacting Steffen Seitz (PTB, EAWG Chair).





## Next TC-MC meetings

Year	Place	Host
2000	Budapest, Hungary	MKEH
2001	Bratislava, Slovakia	SMU
2002	Prague, Czech Republic	CMI
2003	Bern, Switzerland	METAS
2004	Sofia, Bulgaria	NCM
2005	Madrid, Spain	CEM
2006	Vilnius, Lithuania	PFI
2007	Lisbon, Portugal	IPQ
2008	Istanbul, Turkey	UME
2009	Bucharest, Romania	INM
2010	Torino, Italy	INRIM
2011	Helsinki, Finland	MIKES
2012	Biarritz, France	LNE
2013	Braunschweig, Germany	PTB
2014	Teddington, Great Britain	NPL/LGC
2015	La Valetta, Malta	MCCAA
2016	Geel, Belgium	JRC
2017	Warsaw, Poland	GUM
2018	Vienna, Austria	EAA, BEV
2019	Brno, Czech Republic	CMI
2020	Bern, Switzerland	METAS
2021	Virtual	
2022	Virtual	
2023	Paris, France	LNE
2024	Delft, Netherlands	VSL
2025	Borås, Sweden	RISE



Thank you for your attention

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