



# 2023 TCEM report

*Alexander Matlejoane*

*Chairperson: TCEM*

*19 July 2023*



## Represented NMIs

- **NIS, Egypt**
- **NMISA, South Africa**
- **UNBS, Uganda**
- **KEBS, Kenya**
- **LPEE-LNM, Morocco**



## **CMC reviews**

**NIS, Egypt: Review completed and CMCs Published in KCDB.**

**DEFNAT, Tunisia: Review completed and CMCs published in KCDB.**

**EMI, Ethiopia: Intra-RMO review in progress.**

**APMP: Review completed within scheduled period**

**GULFMET: Review completed within scheduled period**

**EURAMET: Review in progress, scheduled for completion by 31 August 2023**



## Comparison status

- **AFRIMETS.EM-S2 (Digital Multimeter comparison):** Draft A report is in progress.
- **AFRIMETS.EM-S3 (Bilateral comparison on resistance standards between NMISA and KEBS):** Draft B report has been approved by CCEM WGLF and results published in KCDB.



## Comparison plan

Year	Identifier	Description	Participants	Pilot
2024	AFRIMETS.EM-S4	AC and DC high voltage	NIS, LPEE-LNM, DEF-NAT and TBS	NIS
2025	AFRIMETS.EM-S5	AC power and energy	NMISA, LPEE-LNM, KEBS, NIS, TBS and SIRD-C-NMI	NMISA
2026	AFRIMETS.EM-S6	AC-DC Transfer in voltage	NMISA, DEF-NAT, NIS, NMIE, KEBS, TBS, SIRD-C-NMI and UNBS	NMISA
2027	AFRIMETS.EM.RF-S2	RF Power	NMISA, NIS and DEF-NAT	DEF-NAT



# Update from March 2023 CCEM WGRMO meeting

- **AFRIMETS is current chair of CCEM WGRMO.**
- **NIS gave a presentation and was approved as full member of CCEM.**
- **TCEM members attended virtual KCDB 2.0 online technical exchanges: RMO TC/WG Chairs and webinars organised by the BIPM.**



**AFRIMETS**  
Intra-Africa Metrology System  
Système Intra-Africain de Métrologie



**Thank you**