



# 2022 TCEM report

*Alexander Matlejoane*

*Chairperson: TCEM*

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# CMC reviews

- **Review of CMCs from LPEE-LNM, Morocco was completed and respective CMCs published in KCDB.**
- **TCEM members completed JCRB review of APMP, SIM and EURAMET CMCs before set deadlines.**



# CMC review resolutions

- In order to streamline intra-RMO CMC reviews, TCEM members shall submit CMCs for review during January and July months only.
- A working group was formed and tasked with documenting criteria for acceptance of CMCs during intra-RMO review stage.
  - Dr. Mohammed Helmy Abd El-Raouf (NIS) – Coordinator
  - Dr Hala Mohamed Abd El Megeed (NIS)
  - Dr. Rasha Sayed (NIS)
  - Mr. Marcus Hlakola (NMISA)
  - Mr. Abdellah Ziti (LPEE-LNM)



# Comparison status

- **AFRIMETS.EM-S1 (Comparison on resistance standards):** Draft B report has been approved by CCEM WGLF and results published in KCDB.
- **AFRIMETS.EM-S2 (Digital multimeter comparison):** Measurements completed and a Draft A report is in progress.
- **AFRIMETS.EM-S3 (Bilateral comparison on resistance standards between NMISA and KEBS):** NMISA completed first set of measurements and standards are at KEBS.



# Comparison plan

Year	Identifier	Description	Participants	Pilot
2022	AFRIMETS.EM-S4	AC and DC high voltage	NIS, LPEE-LNM, DEF-NAT and TBS	NIS
2023	AFRIMETS.EM-S5	AC power and energy	NMISA, LPEE-LNM, KEBS, NIS, TBS and SIRDC-NMI	NMISA
2024	AFRIMETS.EM-S6	AC-DC Transfer in voltage	NMISA, DEF-NAT, NIS, NMIE, KEBS, TBS, SIRDC-NMI and UNBS	NMISA
2025	AFRIMETS.EM.RF-S2	RF Power	NMISA, NIS and DEF-NAT	DEF-NAT



# 2022-2024 executive committee

- **Chairperson: Mr. Alexander Matlejoane (NMISA), South Africa.**
- **Vice chairperson 1: Mr. Michael Khoza (NMISA), South Africa.**
- **Vice chairperson 2: Dr. Mohammed Helmy Abd El-Raouf (NIS), Egypt.**
- **Secretary: Dr. Hala Mohamed Abd El Megeed (NIS), Egypt.**
- **Vice secretary: Ms. Grace Ateka (KEBS), Kenya.**



**Thank you**