



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



# **TCQM report 2021/2022**

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**21<sup>th</sup> July 2022**

# Presentation Overview

- **Africa Food Safety Workshop (AFSW) 2022**
- **AFRIMETS TCQM meeting**
- **CMC Submission Status**
- **Proficiency testing schemes**
- **Capacity building/Training**



Creating One African Market





Joint FAO/IAEA Centre  
Nuclear Techniques in Food and Agriculture

A promotional banner for the Africa Food Safety Workshop 2022. The background is a night view of the Emperors Palace hotel with palm trees and a pool. In the center, a green box contains the text "Africa Food Safety Workshop 2022", "Emperors Palace", and "27 June - 1 July 2022 | 08:00". Below this is a yellow button that says "Click here to read more and register". On the left, three circular inset images show a man speaking at a podium, a man in traditional attire speaking, and a woman working in a laboratory. On the right, a map of Africa is filled with various food items like fruits, vegetables, and a chicken.

- Networking between AFRIMETS, the Africa Food Safety Network (AfoSAN) and the Africa branch of the AOAC International

# AFRIMETS TCQM meeting – 1 July 2022

- Presentations on Metrology in Chemistry activities from the AFRIMETS members of the CIPM MRA:
  - Ms Wided Ben Lazreg, INRAP, Tunisia
  - Dr Henry Rotich, KEBS (Kenya)
  - Dr Ibrahim Nahoun, NIS (Egypt)
- Presentations on planned AFRIMETS comparisons
  - AFRIMETS supplementary comparison for pesticides in fruit/vegetables
  - AFRIMETS regional key comparison on carbon monoxide in nitrogen

# AFRIMETS TCQM meeting – 1 July 2022

- Proposals for additional AFRIMETS comparison studies
  - Pesticides solution
  - Elemental solution
- Nomination of new vice-chair for the committee
  - The AFRIMETS CIPM MRA members will nominate candidates
  - Current TC Chair re-elected for another term
  - Meeting planned for the election and planned coaching of a new Vice-Chair, especially for the review of CMCs on the KCDB web platform
- Next TCQM meeting planned for November 2022

# Active TCQM members

<b>Member Country</b>	<b>Members of the BIPM</b>	<b>Associates of the CGPM</b>	<b>Signatories to CIPM MRA</b>
<b>Egypt</b>	<b>X</b>		<b>X</b>
<b>South Africa</b>	<b>X</b>		<b>X</b>
<b>Kenya</b>	<b>X</b>		<b>X</b>
<b>Tunisia</b>	<b>X</b>		<b>X</b>
<b>Botswana</b>		<b>X</b>	<b>X</b>
<b>Ethiopia</b>		<b>X</b>	<b>X</b>
<b>Tanzania</b>		<b>X</b>	<b>X</b>
<b>Ghana</b>		<b>X</b>	<b>X</b>
<b>Mauritius</b>		<b>X</b>	<b>X</b>
<b>Namibia</b>		<b>X</b>	<b>X</b>
<b>Seychelles</b>		<b>X</b>	<b>X</b>
<b>Sudan</b>		<b>X</b>	<b>X</b>
<b>Zambia</b>		<b>X</b>	<b>X</b>
<b>Zimbabwe</b>		<b>X</b>	<b>X</b>

# CMC Submission Status

- CMCs published for Chemistry in the KCDB by KEBS (Kenya), NIS (Egypt), NMISA (South Africa):
  - KEBS = 2
  - NIS = 2
  - NMISA = 124
- NMISA reviewed 23 Gas CMCs during the 2021/2022 review cycle. Publication pending final approval on the KCDB

# Proficiency testing schemes

- The NMISA coordinates proficiency testing schemes, on-going and available on the AFRIMETS-website
- NMISA Proficiency testing schemes in gas analysis
- SADC MET Water PT
  - Chemistry: Round 19
  - Microbiology: Round 14



# Capacity Building and Training activities

- INRAP will continue training on the competent production of CRMs in accordance with ISO 17034 and ISO Guide 35 in 2022
- NMIE has also expressed interest in this area
- PTB/Pan African Project: Strengthening Food Safety and Quality Testing within the Africa Continental Free Trade Agreement Area (AfCFTA)
  - Phase 1: On-line survey amongst AFRIMETS NMIs/DIs and reference food safety monitoring laboratories

# Capacity Building and Training activities

- PTB/PAQI project: Harnessing quality infrastructure in the cassava value chain
  - Phase 2: Capacity building and harmonisation of standards and conformity assessment systems
    - AFRIMETS developed a project proposal for proficiency testing (PT) schemes for cassava products
- PTB/Pan African Project: Strengthening Food Safety and Quality Testing within the Africa Continental Free Trade Agreement Area (AfCFTA)
  - Phase 2: Targeted PT scheme activities with workshops to support continuous improvement

**Thank you**

**Merci**