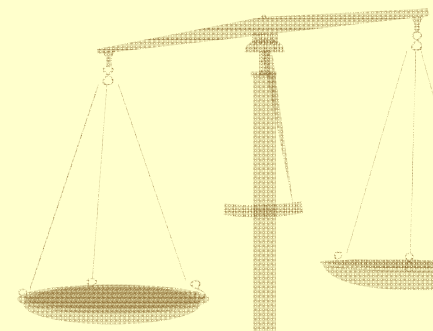




# Report from the TCRI WG of Afrimets

By

Zakithi Msimang  
TCRI chair

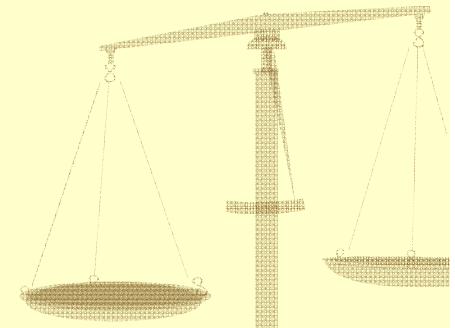


- Who were the participants?
- What did we do?
- Recommendations to the GA



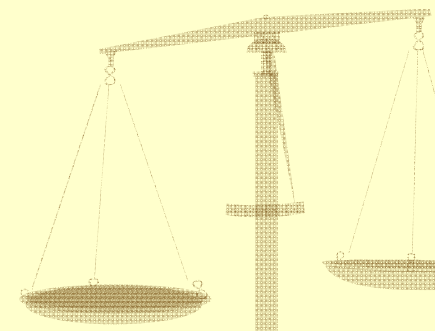
## Who were the participants?

- Four participants
- Four countries (three subRMO)
- EAMET (KEBS),
- NEWMET (NIS & NMIE),
- SADMET/MEL (NMISA)



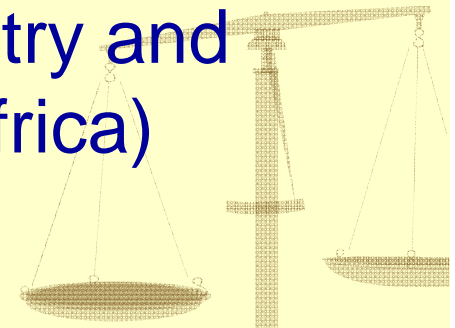
## What did we do?

- Membership
- Activities since the previous meeting
- Report on AFRIMETS.RI(I)- S1 comparison
- CCRI Strategic planning
- Country reports
- Common technical challenges and funding
- Comparisons
- Future plans

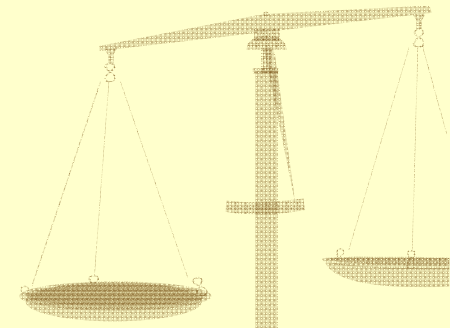


## Activities since the previous meeting

- Training workshops for dosimetry laboratories
  - ISO/IEC 17025 (South Africa)
  - Uncertainty of measurement (Algeria)
  - Protection level calibrations (Algeria)
- Training workshops for radioactivity laboratories
  - Training course on gamma spectrometry for determination of radionuclides in environmental and food samples (Mauritius)
  - Training course on Alpha spectrometry and Radiochemical techniques (South Africa)

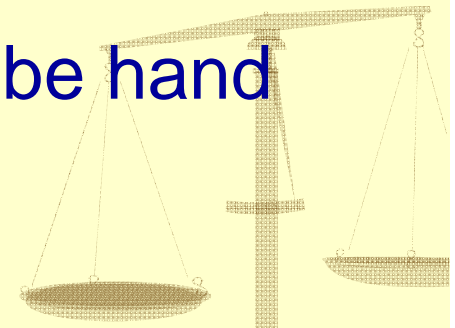


- **Intra-regional review:**
- NIS (Egypt) submitted CMCs for review within Afrimets
- **Inter-regional review:**
- Facilitated the reviewing of CMC's from NIS which have now been reviewed and published in the KCDB.
- Afrimets reviewed CMCs from APMP, EURAMET and SIM
- Dosimetry and Radioactivity CMCs

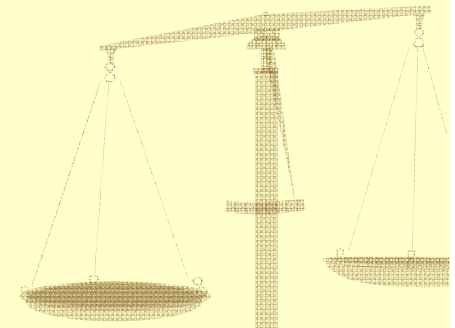


## Report on AFRIMETS.RI(I)- S1 comprison

- Delays and challenges with AFRIMETS.RI(I)- S1 comprison
- Way forward to ensure NMI's that need the comparison for supporting CMCs are covered.
- Comparisons to be organised such that all laboratories that need CMC support are scheduled at the beginning and the rest towards the end.
- Highly recommended that artefacts be hand carried

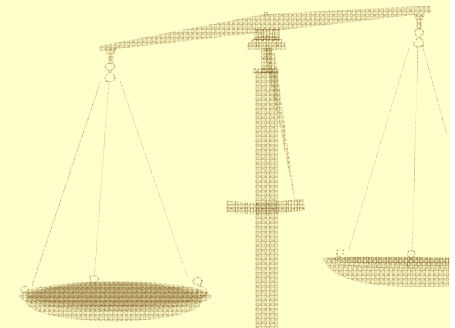


- Therapy:
- Co-60, Medium energy x-ray
- (Egypt, 2015, pending funds and artefacts availability)
- Radiation protection: Should the calibration coefficient be different after repairs another comparison will be organized for those that need it for cmc's. (NMISA to pilot); Each country to pay for their costs 2015.



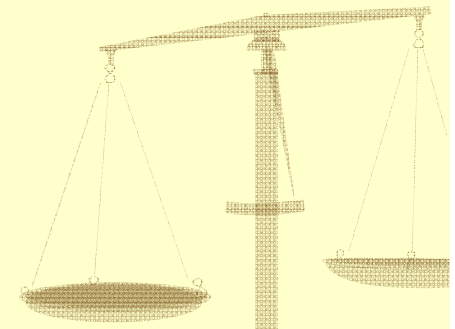


- Radioactivity (HPGe) pilot study (Still to look for a pilot lab, to liaise with IAEA )
- PT scheme for contamination & survey monitors (each country to pay for their costs, 2016) Nuclear Research Centre of Algiers, pending their designation.
- Chair remains (NMISA) and assistant chair is Noha Khaled (NIS).



## Recommendations to GA

- Have CC WG forums on AFRIMETS website
- Discussion forum
- Upload the training material
- Upcoming events related to CC WG



# Thank you

