

# Report from the first TCRI WG of Afrimets

By

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- Who were the participants?
- What did we do?
- Work plan
- Training needs
- Funding
- Other plans
- Recommendations to the GA



# Who were the participants?

- Seven participants
- Four countries (three subRMO) and an international organisation
- IAEA, EAMET (KEBS), NEWMET (NIS and NNRA), SADMET (NMISA)



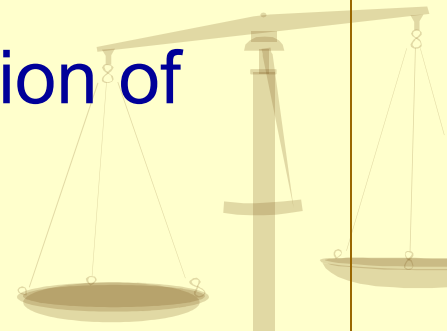
# What did we do?

- Lab presentation (lab capabilities, quality system, plans)
- Report from CCRI meeting and TCRI RMOWG on CMC's
- Support for IR labs (Afra/TC IAEA)
- Comparison/PT scheme needs
- Training needs



# Work plan

- Radiation protection, 3 key comparisons
  - Air kerma, Cs-137, Co-60 and Medium energy x-ray (50 kV to 320 kV)
  - Three chambers, connectors and (electrometer, barometer?)
  - IAEA will supply two chambers, third one from another PSDL/supplier
  - Pilot NMISA, Protocol draft by end of 2009
  - Comparison to start 2010 on registration of protocol with the BIPM



## Work plan cont.

- Radiation therapy
  - Air kerma: Medium energy x-ray and Co-60
  - Absorbed dose to water: Co-60
  - 2011
- Radiation protection
  - Personal dose equivalent
  - Contamination monitor
  - 2011



# Training needs identified

- Implementation of ISO17025
  - AFRA project for member states
- Estimation of uncertainty of measurements
- Train a trainer especially for radiation protection
- Members encouraged to use IAEA help



# Funding

- Unido project
- IAEA
- Possible: Project on harmonisation of dosimetry in Africa
- Members of SSDL to contact national liaison officer and check projects active in their countries
  - Be involved in writing their country framework





# Other plans

- Proposal next WG meeting to be held in conjunction with the IAEA dosimetry symposium with possibility of sponsorships
- Use of IAEA co-ordinated research projects for transportation of artefacts during comparison (adaptive research)
- Observe CCRI brachytherapy comparison closely to adopt some of procedures



# Recommendations to GA

- IAEA is a request driven organisation. We recommend that they be invited to be observer members of Afrimets.

