

IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014

# Challenges of Implementing Occupational Radiation Protection in Africa

**Faradally. A. OLLITE**

**Chief Executive Officer**

**Radiation Protection Authority**

**MAURITIUS**

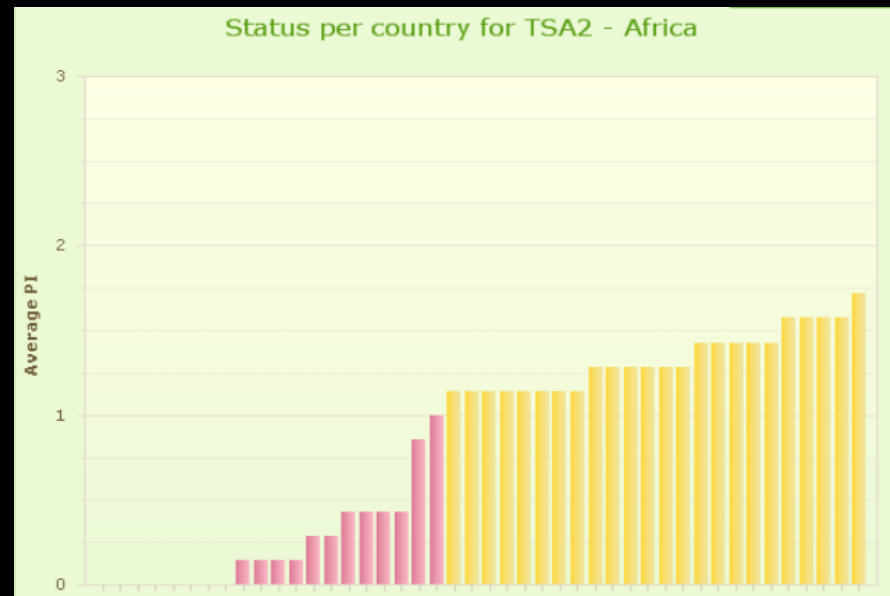
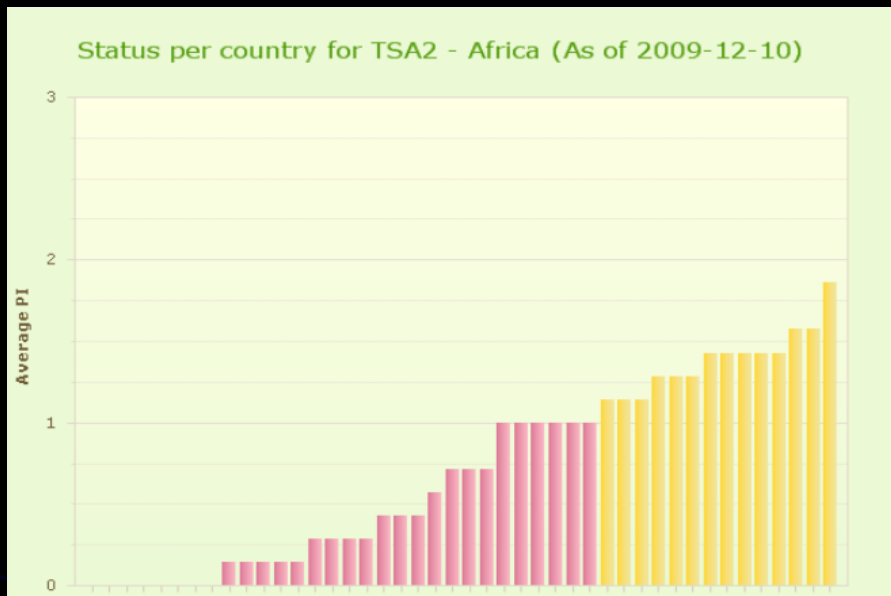


2014-12-05

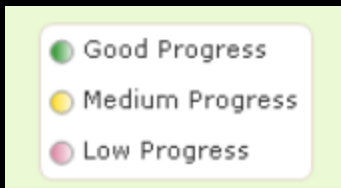


Radiation Protection Authority

# Status of ORP in Africa



2009



2014

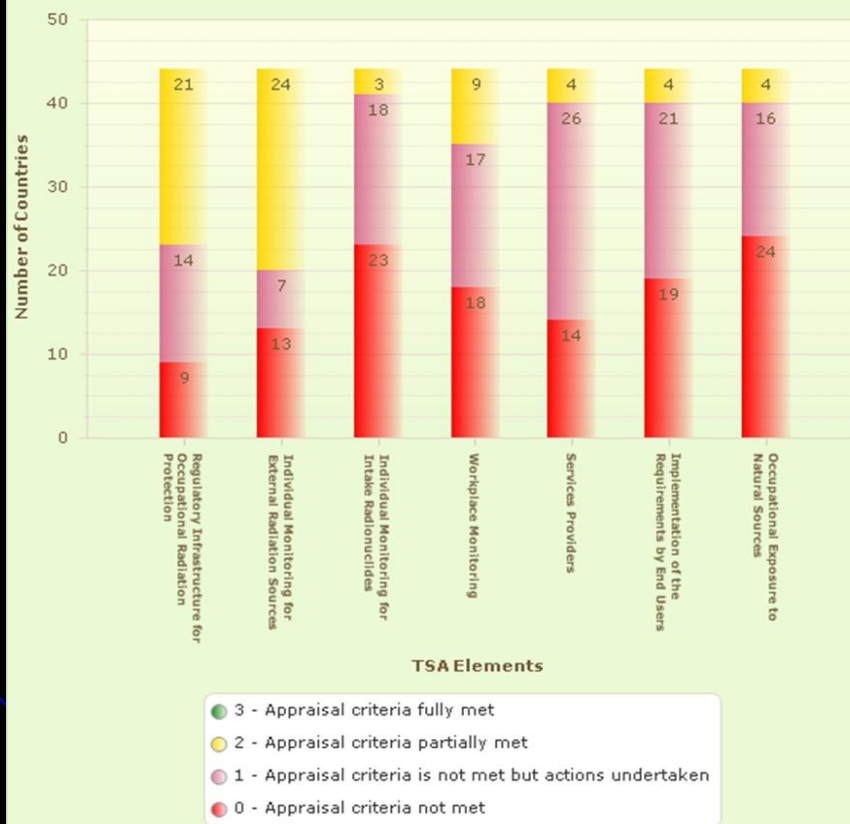


IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



# Status of ORP in Africa

Achievement towards Establishing Infrastructure Elements for all PI in Africa - TSA2



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



# Strengthening ORP in Africa

- **IAEA Regional Technical Cooperation Project RAF/9/043:**  
*Strengthening the Transfer of Experience Related to Occupational Radiation Protection of the Nuclear Industry and Other Applications Involving Ionizing Radiation*
- **IAEA Regional Technical Cooperation Project RAF/9/053:**  
*Strengthening Technical Capabilities for Patient and Occupational Radiation Protection in Member States*
- **IAEA National Technical Cooperation Projects**



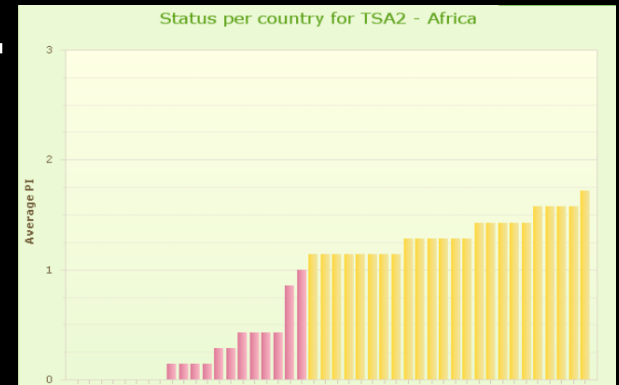
IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



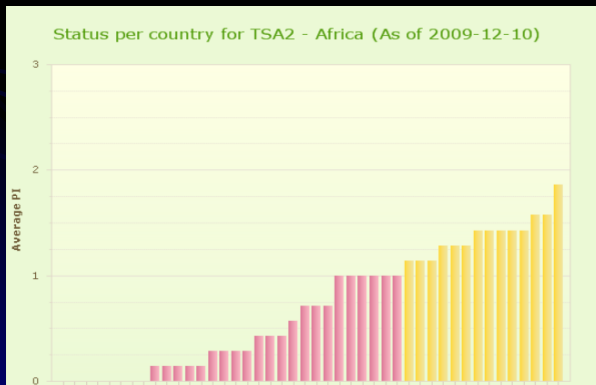
# The Impact

- An overall improvement in the occupational radiation protection infrastructure in almost all African Member States.

2014



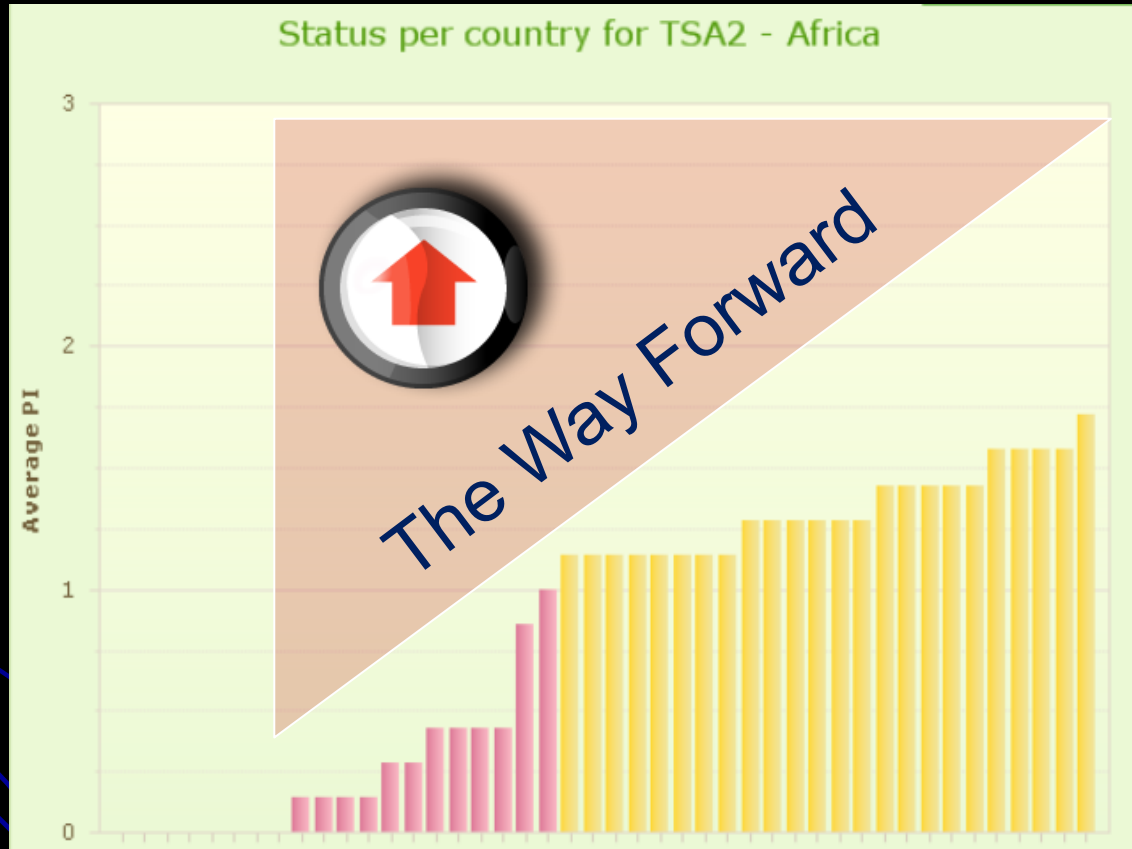
2009



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



# The Way Forward



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



# The Challenges

- Capacity building
- Maintenance of a strong safety culture
- Implementation of radiation protection programmes at end-user facilities
- Provision of a quality dosimetry service
- Dose record management of occupational radiation exposures



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



# Meeting the Challenges

- To maintain the international co-operative effort to improve the radiation and waste infrastructure in all the African Member States
- Synergize efforts for all the countries to meet the challenges for the establishment of a sustainable national occupational radiation protection infrastructure



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014





# FNRBA

- **The Forum of Nuclear Regulatory Bodies in Africa (FNRBA)** has also contributed to strengthen networking within the Africa region for a harmonized approach in the implementation of the requirements of the International Basic Safety Standards.
- The FNRBA fosters experience sharing and identification of best practices for the efficient and effective implementation of these requirements.
- The FNRBA also contributes to synergize efforts with the other partners to upgrade the radiation safety infrastructure in the region.



IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



*"Coming together is a beginning;  
Keeping together is progress;  
Working together is success."*

*- Henry Ford*



2014-12-05

IAEA International Conference on Occupational Radiation Protection  
Vienna, Austria, 1-5 December 2014



Radiation Protection Authority