

AFRA Projects on Radiation Safety and Regulatory Infrastructure TCP 2022-2023

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IAEA

International Atomic Energy Agency

Nuclear Safety at the Heart

IAEA

- The protection of people, society and the environment from the harmful effects of ionizing radiation is at the heart of the IAEA's work
- (Article III.A of the Agency Statute, RSA/INFCIRC 267)

FNRBA

- Provision of support for the enhancement, strengthening and harmonization of nuclear and radiation safety and nuclear security regulatory infrastructure

AFRA

- To deepen the culture of nuclear safety and security at regional and national levels in the gainful exploitation of nuclear science and technology
- (AFRA Strategy)



Status of Projects

6 New Regional Projects

2 Ongoing Regional Projects

8 Total Regional Projects for 2020

TCP 2022-2023 Safety & Security Budget

2022-2023 PROGRAMME

Region	National	Regional	Total
Africa			
Safety and Security	2 864 413	3 746 645	6 611 058
Grand Total	2 864 413	3 746 645	6 611 058

Regulatory Infrastructure(TSA 1)

- 2 Projects;
 - RAF9061- **Enhancing** the Capacities of National Regulatory Bodies for Safety in Member States (2018 – 2021)
 - RAF9065- **Establishing** Regulatory Infrastructure for Control of Radiation Sources (2020 – 2023)
- Collectively aimed at establishing, sustaining and continuously improving the Capacities of National Regulatory Bodies for Safety in Member States
- Total Budget of €1 374 875.00



Radiological Protection in Occupational Exposure (TSA 2)

- **RAF9068** – Enhancing Regional Capabilities on **Occupational** Radiation Protection (2020-2023)
- Aimed at enhancing regional capabilities of member states on **occupational** radiation protection in line with the new International safety standards
- Budget of € €452,325 (for 2020-2021 TCP)
- Duration of 4 Years



Radiological Protection in Medical Exposure (TSA 3)

- **RAF9064** - Improving the Capabilities of States in Radiation Protection of **Patients** (2020-2023)
- Aimed at enhancing regional capabilities of member states on **patients** radiation protection in line with the new International safety standards
- Budget of €725 860 (for 2020-2021 TCP)
- Duration of 4 Years



Public and Environmental Radiological Protection (TSA 4)

- **RAF9069**– Strengthening the Implementation of Basic Safety Standards and Radioactive Waste Management (2022-2023)
- Aimed at establishing/improving a safe, **secure and sustainable** radioactive **waste** management in Africa
- Budget of € 634,433
- Duration of 2 Years



Emergency Preparedness & Response (TSA 5)

- **RAF9066**–Strengthening Regional Infrastructures for Effective Preparedness and Response to Radiological Emergencies
- Aimed at assisting Member states in the development of national plans and regulations for the implementation of **effective preparedness and response** to radiological emergencies.
- Budget of € 689 861
- Duration of (2020- 2023) 4 Years



Education and Training in Radiological Protection (TSA 6)

- **RAF9067**- Sustaining the Establishment of Education and Training in Radiation Safety and Human Resource Development Phase II
- Aimed at assisting MS capacity building of **human resources** in radiation safety.
- Budget of €2,387,059
- Duration of 4 Years (2020- 2023)



Transport Safety (TSA 7)

- **RAF9063** - Strengthening Competent Authorities for the Safe Transport of Radioactive Material (2018-2021)
- Aimed at enhancing the capacity of competent authorities in member states for the **effective control of transportation** of radioactive materials
- Budget of € 649,553
- Duration of 4 Years (2020-2023 TCP)



Status and Way Forward

- Substantial amounts and significant TC support has been provided through regional safety projects structured under thematic safety areas. Regional safety projects covering TSA1 to TSA7 were designed for each and every TC cycle.
- EBT, RIDP, NS and other partner support are available
- Progress in developing robust safety infrastructures in our 46 African Member States (out of which 27 are LDCs) has not matched the efforts and funding spent since decades. Situation of TSAs have not improved as desired.
- A holistic project including all TSAs, to provide flexible, coordinated, integrated and tailor-made assistance to Member States for will be designed TCP 24-25
- This approach is ultimately expected to improve effectiveness of the delivery of existing safety support activities.
- Enhance the coordination and cooperation between Agency/Country/Region/Partner levels
- Looking forward to engage with the FNRBA

Way Forward

- We are looking forward to FNRBA suggestions
- Improve RASIMS profiles
- Design of a holistic project including all TSAs, to provide flexible, coordinated, integrated and tailor-made assistance to Member States for TCP 24-25
- Enhance the coordination and cooperation between Agency/Country/Region/Partner levels
- Looking forward to engage with the FNRBA

Thank You