



**FNRBA**

# **Forum of Nuclear Regulatory Bodies in Africa**

## **Thematic Working Group Legislative and Regulatory Infrastructure (TWG 1-LRI)**

### **Terms of Reference**

#### **1 INTRODUCTION**

The FNRBA has established in accordance with article 8 of the Charter of the FNRBA the Thematic Working Group 1 on legislative and regulatory infrastructure (TWG 1-LRI). Participation in the working group is for members of FNRBA.

In accordance with the Charter of the FNRBA the objectives of the TWG 1 shall be to foster regional cooperation through the exchange of expertise, information and experience as well as to provide opportunities for development of resources, mutual support and coordination of regional initiatives in legislative and regulatory infrastructure. The countries that are part of TWG 1 are represented by senior experts that are involved in core regulatory activities related to legislative and regulatory infrastructure development.

The TWG 1-LRI has since its formation contributed to capacity building and the development of regulatory infrastructure for radiation and nuclear safety in the Member States on the African continent to provide bases for implementing the activities for other TWGs related to radiation and nuclear safety.

## 2 MEMBERSHIP

Membership of the TWG 1- LRI is voluntary and based on the needs of the FNRBA members. The following countries are participating in the TWG 1- LRI:

<b>TWG</b>	<b>NOMINEE</b>	<b>EMAIL ADDRESS</b>
TWG1 – Legislative and Regulatory Infrastructure  <b>Coordinator:</b> Mr Adamu Hussaini (Nigeria)	Mr. Justice Chipuru (Zimbabwe)	jchipuru@rpaz.co.zw
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Working Group members will commit to active participation in the work and commit to continuing exchange of information.

### **3 OBJECTIVE**

The objectives of the TWG 1-LRI, as defined in article 3 of the Charter of the FNRBA, are to:

- Provide a platform for fostering regional cooperation;
- Provide for the exchange of expertise, information and experience;
- Provide opportunity for mutual support and coordination of regional initiatives, and
- Leverage the development and optimization of utilization resources.

FNRBA Member States in TWG 1-LRI are therefore committed to the:

- Provision of resource centers for training and knowledge management for regulators and other end users
- Building of knowledge base for the development of nuclear regulatory programs in the African region;
- Identification of potential areas for collaboration and partner and donor participation in the enhancement of regulatory competence;
- promotion of the exchange of safety- and security-relevant information and knowledge for the effectiveness of the regional and global nuclear safety and security framework;
- Provision of opportunity for improved performance, competitive advantage, innovation, the sharing of lessons learned, integration and continuous improvement of the regional nuclear regulatory program
- Provision of effective and mature platform for regional and inter-regional collaboration on of insights and experience
- Creation of an enabling environment to ensures that the benefits of nuclear regulatory programs in the African region are known and understood by all members and relevant international organizations.

### **4 SCOPE OF ACTIVITIES**

The scope of activities of the TWG 1-LRI will be in accordance with the expressed needs of the participating members and will specifically share information training and

Educational resources on various regulatory practices in the areas of:

- Establishment of Mechanism for coordination and cooperation where function related to security of radioactive sources is assigned to other institution
- Participation of Regulatory Body in national coordination mechanism for emergency preparedness and response
- Participation of Legal officers in training provided by IAEA/OLA
- Establishment of staffing plan to fulfill responsibilities and functions within the regulatory body
- Providing necessary human resources with necessary skills and expertise to discharge regulatory functions
- Issuance of guidance on the format and content of documents to be submitted by applicant
- Establishment of processes and associated procedures for performing inspections in all related fields
- Establishment of processes and associated procedures for taking enforcement actions
- Plan for an effective implementation of the communication and consultation with interested parties
- Establishment of Integrated Management Systems
- Promotion of Convention on Nuclear Safety, Joint Convention on the Safety of Spent Fuel and the Safety of Radioactive Waste and Code of Conduct on the Safety of Research Reactors
- Establishment of arrangements for identifying and disseminating lessons learned from operating and regulatory experience

## **5 WORK PROGRAMME AND APPROACH**

It is an objective of the TWG 1-LRI to spread knowledge and increase awareness on regulatory standards. This will be achieved by disseminating regulatory standards and best practices of the participating countries in addition to other international standards and practices.

Surveys in the form of questionnaires will be primarily used to solicit the required information from participating countries. A report will document the outcome of the survey clearly identifying gaps and recommending improvements.

## **6 PROGRESS REPORTS**

A progress report will be submitted to the FNRBA Steering Committee at least once a year.

## **7 ORGANISATION AND IMPLEMENTATION**

The TWG 1-LRI will at least meet once a year. At each meeting the Working Group will identify (through consensus) a number of focus areas to be addressed.

Records of meetings will be compiled and finalized within 30 days of a meeting and circulated to the Steering Committee for their information.

The TWG 1-LRI may at its discretion establish smaller working groups as and when the need arise in order to facilitate the achievement of the objectives of the working group.

The Working Group will provide annual progress reports to the Steering Committee including a two year work programme.

## **8 INTERNATIONAL CO-OPERATION**

The TWG 1-LRI will engage and co-operate with other regional initiatives to leverage resources, knowledge and benchmark approaches and will also engage with international partners as potential sources of training and capacity building and sharing of information.

The TWG 1-LRI shall in consultation with the Steering Committee engage and co-operate with other international forums and organizations to leverage resources, funds and approaches.

### WORK PLAN FOR 2021 - 2022

NO.	ACTIVITY	PROPOSED DATE	OBJECTIVES	PARTICIPATING MSs	HOST MS	SPONSOR (S)
1	Development of Guidance and Capacity Building in authorization and inspection of radiotherapy facilities, new technologies and Awareness creation	2021/2022	<ul style="list-style-type: none"> <li>- To establish the best practices in the regulatory control of radiotherapy facilities using new technologies;</li> <li>- To provide guidance on the methodology for facility authorization and inspections</li> <li>- To provide the requirements for design and construction of such facilities; and</li> <li>- To establish the capacity building in order to get competent and knowledgeable staff for the implementation of the authorization and inspection process for such facilities.</li> </ul>	Members of TWG1 & TWG2  Virtual (On line)	Nigeria	IAEA,  USNRC
2	Regional Workshop on preparation of National Report for Convention on Nuclear Safety	2021/2022	To provide the Guidelines regarding National Reports under the Convention on Nuclear Safety in particular to offer guidance to the Contracting Parties without nuclear installations, but planning to embark on a nuclear power programme, to draft their National Report, by identifying the main articles of the CNS to be reported on.	Members of TWG1 and Interested Members of FNRBA	Ghana  Virtual (On line)	USNRC  CNSC

3	Regional training course on stakeholder involvement for a regulator about licensing and regulations	2021/2022  (with TWGs 2 & 3)	To equip regulators with practical instruments and recommendations, through sharing international examples of best practice and case studies of practical challenges in effective stakeholder involvement, to design their stakeholder involvement strategies, to make regulatory decisions more inclusive and as a result increasing the transparency and credibility of the regulatory decision-making process.	Members of TWG1 & TWG3	Nigeria Virtual (On-line)	IAEA-TC, RAS
4	Develop Catalogue of competencies in FNRBA MSs using template from PMO and Mentorship Scheme	2021/2022	Assisting FNRBA MSs in planning the activities required throughout all phases of the introduction of a new nuclear power programme, as well as developing the competencies and capabilities required to implement these activities, in particular: .  To identify activities of the key organizations in different phases;  To identify competencies/capabilities needed to perform the identified activities;  To provide examples on strategies to develop/acquire those competencies/capabilities.	Members of TWG1 and Interested Members of FNRBA	Morocco In-person	To be determined
5	Expert Mission to Review Key Elements of Updated Management System	2021/2022	ToR to be determined by each country	On request by MS	IAEA In-person	IAEA

6	IAEA School on Leadership for Safety	2021/2022	<ul style="list-style-type: none"> <li>- To strengthen participants' ability to apply IAEA safety standards on leadership for safety;</li> <li>- To strengthen participants' safety leadership skills in both normal and emergency situations;</li> <li>- To help FNRBA MSs foster a safety culture.</li> </ul>	Members of TWG1 and Interested Members of FNRBA	IAEA In-person	IAEA
7	Regional WS on establishing an appropriate expansion of existing radiation protection program to address the requirements related to nuclear power.	2021/2022	<ul style="list-style-type: none"> <li>- To assess the existing radiation protection technical and organizational infrastructure for activities involving sources of radiation (research reactors, industrial and medical applications of radiation) for which legislation and other provisions for radiation protection have been established;</li> <li>- To identify how this existing program needs to be enhanced to address hazards arising from the potential implementation of the national nuclear power program; and</li> <li>- To provide recommendations on how the required enhancements will be delivered.</li> </ul>	Members of TWG1 and Interested Members of FNRBA	Morocco In-person	To be determined