

Third International Regulators Conference on Nuclear Security

Marrakech, Morocco from 1 to 4 October 2019

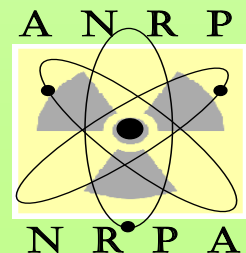
PROMOTING NUCLEAR SECURITY THROUGH REGIONAL NETWORKING

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Scope

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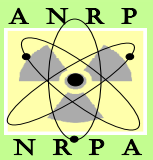
Introduction

Taking into account the hi-tech nature of nowadays deadly terrorist attacks, the international community recognizes that new and stronger measures must be taken to protect against and prepare for a broad range of terrorist scenarios including nuclear terrorism.

Multiplicity of targets and possibilities for terrorists, invite States to consider a comprehensive approach to combating nuclear terrorism.

Among the key components of the recommended strategy:

- Physical protection of all nuclear materials, radioactive materials and facilities and transport systems based on national threat assessment;
- Regulatory oversight and control of nuclear and radioactive material;
- Detection and interdiction of illicit trafficking in nuclear and radioactive materials;
- Coordination of nuclear safety, security and safeguards systems for maximum benefits;
- Preparedness to respond to emergencies; and
- Regional Networking of Nuclear Regulatory Bodies.



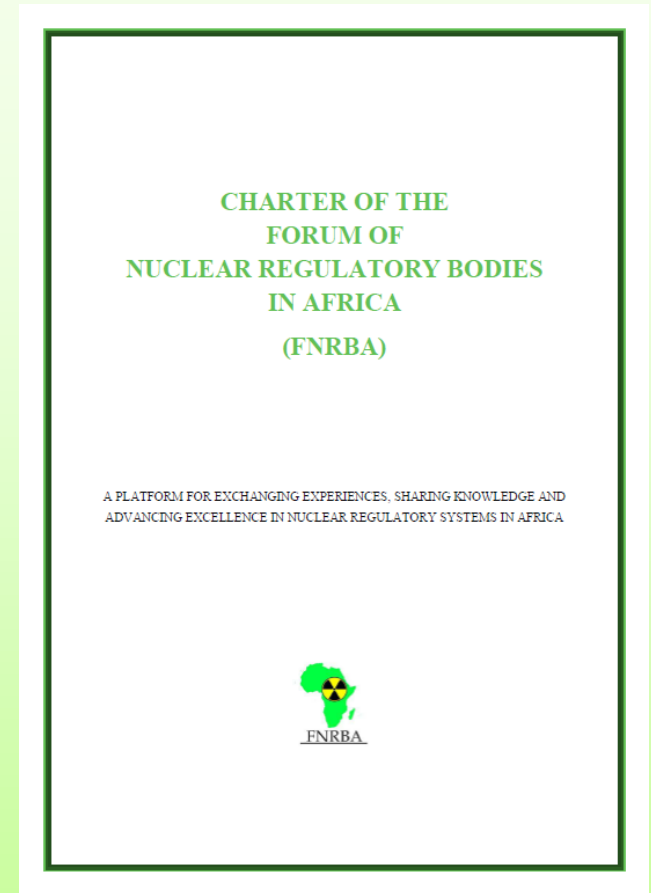
FNRBA Missions

The Forum of Nuclear Regulatory Bodies in Africa (FNRBA) is an Intergovernmental organization created in 2009.

The purpose of FNRBA is to provide:

2.1 For the enhancement, strengthening and harmonization of nuclear and radiation safety and nuclear security regulatory infrastructure in accordance with IAEA safety standards and security guidance documents among African members states of the Regional Network;

2.2 For mechanisms for FNRBA to be an effective and efficient internationally recognized forum for the exchange of regulatory experiences and practices among the nuclear regulatory bodies in Africa;



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FNRBA Role on Exchange of Good Practices among its Member States

1. Platform for fostering regional cooperation and sharing good practices;

- Plenary meetings to develop direct contact among high ranked authorities in charge of the management of Regulatory Bodies in the region;
- Workshops on nuclear security topics to share good practices and same understanding of the concept of nuclear security in the region;

2. Forum for exchange of expertise, information and experience

- Regional experts involved in Integrated Nuclear Security Support Plan (INSSP) missions to share national experiences and good practices relating to the implementation of the functional areas of INSSP;

3. Mutual support and harmonization of regional initiatives and approaches

- FNRBA website where all information are accessible to members including governance related document, technical reports uploaded by Thematic Working Groups;
- Online Forum open to members to assist in specific areas;

FNRBA

- **33 Members States**
- **Steering Committee**
9 members,
- **10 thematic areas,**
- **IAEA Secretariat NS/NSOC,,**
- **Donors :**
 - the **United States of America** US NRC,
 - the **Republic of Korea** KINS,
 - the **European Union** DEVCO
- **Collaboration with other regional networks**
 - GNSSN,
 - FORO,
 - ANSN,
 - EucAS,
- **Partners:**
 - WINS,
 - ENSTTI.

FNRBA Role on Exchange of Good Practices among its Member States

4. Awareness among policy makers and other relevant stakeholders on nuclear regulatory issues in Africa

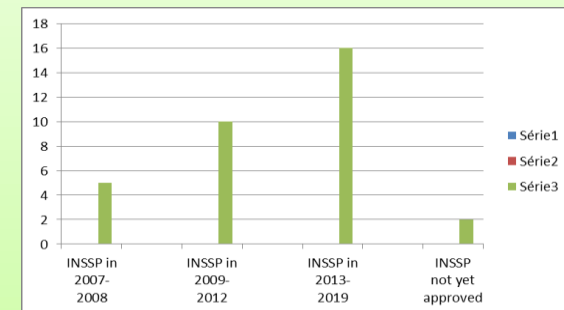
During the INSSP and International Nuclear Security Advisory Service (INSServ) missions, meeting with high ranked national authorities and parliamentarians to raise awareness on nuclear security. They are informed on what the neighbouring country is doing in the domain of nuclear security. The (INSServ) reviews both overall and specific needs of States to strengthen their capacity to prevent, detect and respond to nuclear terrorism.

5. Training courses and workshops organized with financial support from partners

6. Member States encouraged to host peers review missions on nuclear security

7. Member States encouraged to develop and Implement INSSP

INSSP Approved: 31
Developed but not yet approved : 2



FNRBA Means to Promote Nuclear Security

Means to Promote Nuclear Security and Mechanisms to Cooperate at Regional Level to further Respond to National and Global Threats

. FNRBA Strategic Action Plan 2019-2021

Issues:

- Inadequate coordination of nuclear security activities
- Inadequate expertise in nuclear security

Nuclear Security Activities (Conduct Survey, Workshops, Training Courses Fellowships) Planned

- **Transport**
- **Detection Architecture**
- **Physical Protection**
- **Cyber security**
- **Insider Threat**
- **Design Basis Threat**
- **Radioactive Sources**
- **INSSP**
- **NUSIMS**
- **Emergency**
- **Support Centres collaboration** in nuclear security

Challenges and Conclusion

The loss of control of radioactive sources in one country has the potential to affect the health and safety of the citizens of another country.

There is thus an international challenge to heighten the global awareness of the hazards posed by radioactive sources, to attempt to bring some consensus on how these hazards are to be addressed, and to initiate improvements in the regulatory systems throughout the world.

This point constitutes one of Global Nuclear Safety and Security Network (GNSSN) and Forum of Nuclear Regulatory Bodies in Africa (FNRBA) goals.

Implementation of the Recommendation by Nuclear Security Governance Experts Group (NSGEG) meeting in 2012:
Convene national regulators annually to allow for interaction and best practice exchange to improve the performance of their national regulatory systems and to assess methods by which regulatory information exchanges can be instituted across borders.

FNRBA Website

https:

//gnssn.iaea.org/main/FNRBA/pages/default.aspx



September 18th, 2018, Plenary Meeting on the sidelines of IAEA GC62



**Thank you for your kind
attention**