



Webinar on Nuclear Security Detection Architecture Strategy, Design and Planning for French-Speaking African States

*Webinaire sur la conception de l'architecture de
détection en matière de sécurité nucléaire (ADSN), la
stratégie de détection et la planification de la détection
pour les États africains francophones*

**Organized by the
IAEA Division of Nuclear Security**

Wednesday, 8 December 2021

Scheduled at 11:00, Vienna (Austria) Time

Duration: 1.5 hours

Information Sheet

Introduction

Nuclear security focuses on the prevention and detection of, and response to, criminal and intentional unauthorized acts involving or directed at nuclear material, other radioactive material, associated facilities, or associated activities. The Nuclear Security Detection Architecture (NSDA) of a State is the integrated set of nuclear security systems and measures, based on an appropriate legal and regulatory framework, needed to implement a national strategy for the detection of nuclear or other radioactive material out of regulatory control (MORC).

To enable States to establish or enhance their NSDA and response frameworks, a clearly defined process for design and planning is needed to ensure this is done in a structured and integrated manner.

Development of a multilayered and risk informed approach to plan, design and implement nuclear security systems and measures that incorporate the concept of defense-in-depth¹ is critical. The expected outputs of the planning process include a design plan and strategy which, through cooperation and coordination among various competent authorities and other stakeholders, can result in a more effective use of resources and capabilities.

Objectives

The webinar will provide an overview of an integrated planning process for the development of a NSDA and will share Member States experience in developing risk-informed national detection architecture strategies and design plans.

Target Audience

This webinar is aimed at representatives from competent authorities who are involved in developing and facilitating the approval of the NSDA design plan. This webinar is also open to senior-level decision makers directly responsible for national policy, strategy, planning, and implementation of nuclear security measures for nuclear and other radioactive material out of regulatory control and personnel from organizations with responsibility for:

- Coordination for national security (i.e. national security council);
- Customs and border security;
- Law enforcement and security services;
- Technical expert support;
- Intelligence;
- Infrastructure development and operation.

Working Languages

English and French

¹ Defense in depth is defined as “The combination of successive layers of nuclear security systems and nuclear security measures for the protection of targets from nuclear security threats”, IAEA Nuclear Security Series, No. 20 *Objective and Essential Elements of a State's Nuclear Security Regime*.

Registration

Please register for the webinar using [this link](#) not later than **7 December 2021**.

After the registration and acceptance of your participation, you will receive an electronic mail containing information on how to access the webinar by following a hyperlink to join the Zoom meeting or by calling in by phone.

You can test your ability to connect to a Zoom meeting at the following link: <https://zoom.us/test>
Please contact your IT department if the test fails.

For additional help regarding registration, please contact Mr Mirza Mohamed, Division of Nuclear Security (Email: M.Mohamed@iaea.org).

Webinar Programme

Opening Remarks

Mr. Daming Liu, *Section Head, Nuclear Security of Materials outside of Regulatory Control Section, Division of Nuclear Security, IAEA*

Introduction

Mr. Mirza Mohamed, *Nuclear Security Detection Architecture Unit, Nuclear Security of Materials outside of Regulatory Control Section, Division of Nuclear Security, IAEA*

Overview of Planning and Organizing Nuclear Security Systems and Measures for Nuclear and Other Radioactive Material out of Regulatory Control (IAEA Guidance)

Mr. Thierry Pelletier, *Unit Head, Nuclear Security Detection Architecture Unit, Nuclear Security of Materials outside of Regulatory Control Section, Division of Nuclear Security, IAEA*

Nuclear Security Detection Architecture Strategy, Design and Planning:

- **A Perspective from Mauritania**

Mr. Deida Ahmed Bezeid, *Advisor, Executive Secretary of National Authority for Radiation Protection, Nuclear Safety and Security, Mauritania*

- **A Perspective from Burkina Faso**

Mr. Ousseini Kabore, *Nuclear Security Officer, National Authority for Radiation Protection and Nuclear Safety, Burkina Faso*

Q&A and Conclusions