



CENTRE FOR SECURITY COOPERATION

Activity Overview

"Regional Pilot Workshop on Evaluation of Nuclear Security Detection Architecture"

RACVIAC - Centre for Security Cooperation, Rakitje, Stari hrast 53, HR-10437 Bestovje, CROATIA

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Dates 01-07 December 2019

Venue RACVIAC - Centre for Security Cooperation

Background In 2016 the **C-WMD Network** in RACVIAC launched a project for a series of 5 (five) workshops promoting Nuclear Security Detection Architecture (NSDA) principles and concepts to raise awareness and provide partner nations with the knowledge and tools to develop, implement, and sustain indigenous national level detection capabilities.

This is the fifth NSDA Workshop, organised in cooperation with the International Atomic Energy Agency and the Republic of Croatia.

Purpose and Objectives The purpose of this fifth NSDA Workshop is to enable the participants to evaluate the effectiveness of nuclear security detection architecture using performance management tools.

The main objective of the event is to familiarize participants with the following topics:

- (a) Identification of evaluation objectives for NSDA
- (b) Metrics, data, and analysis methodologies for evaluation
- (c) Preparation, conduct and evaluation of exercises for MORC detection
- (d) Initial evaluation conduct and improvement plans development.

Concepts, methodologies and tools will be presented in order to facilitate participants' understanding of these topics and their ability to evaluate nuclear security detection architecture elements.

Participation The aim of this activity is to bring together up to fifty-five participants (55), namely 1 (one) participant from the previously identified national drafting team of the countries participating in the process of C-WMD Strategy Development, and up to 4 (four) senior-level personnel directly responsible for national policy, strategy, planning and implementation of nuclear security measures as well as senior-level personnel responsible for detection operations.

To the extent practicable, it is suggested that participants previously identified attend the duration of the workshop series to maintain an element of continuity, as the content discussed is intended to build upon the concepts presented at previous workshop iterations. Therefore, it is strongly recommended to permit participants from previous NSDA Workshops to attend this fifth iteration.

Detailed terms of participation and financial arrangements will be specified in the corresponding Invitation Letter and Administrative Information.

Methodology The Workshop is planned to last 5 (five) working days and will consist of lectures, table-top exercises, and the use of various tools and templates to facilitate practical application of the concepts discussed.

It is recommended that participants familiarize themselves with IAEA Nuclear Security Series publication **IAEA NSS-21** "*Nuclear Security Systems and Measures for the Detection of Nuclear and Other Radioactive Material out of Regulatory Control*".

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