

Workshop “Nuclear Security Culture: Experience Sharing and Best Practice Exchange.”
Sao Paulo, Brazil; August 20-24, 2018

Agenda

This workshop will provide training on three distinct themes of nuclear security: (1) the concept of nuclear security (NS) and nuclear security culture (NSC); (2) the IAEA methodology of NSC self-assessment; and (3) nuclear security culture enhancement and sustainability. Through this workshop we will be developing expertise and skills on nuclear security culture based on the IAEA guidance publications, in particular the recently released “IAEA Technical Guidance for Self-Assessment of Nuclear Security Culture in Facilities and Activities” (Nuclear Security Series No. 28-T). To this end, the workshop agenda includes not only modules and interactive exercises (participants are divided into groups) on the use of the IAEA methodology but also presentations/discussion by two national experts from Indonesia and Bulgaria who can provide their first-hand experience after applying this self-assessment methodology in their national settings.

The team of instructors includes Dr. Igor Khripunov, consultant to the IAEA and nonresident fellow at the Center for International Trade and Security at the University of Georgia (USA); Bayu Purnomo of the Center for Security Culture and Self-Assessment at Indonesia’s National Atomic Energy Agency (BATAN); and Vladimir Yankov, Head of Analysis and Control of Physical Protection at Kozloduy Nuclear Plant (Bulgaria).

The workshop is funded and organized by the US Partnership for Nuclear Threat Reduction (PNTR) and organized by Civil Research and Development Foundation. (CRDF Global).

Monday, August 20th		
9:00-9:30	Registration	
9:30-10:45	Opening Remarks, Host Presentation, Introductions, Group Photo	Host, CRDF Global
10:45-11:00	Overview of the Workshop	Igor Khripunov
11:00-11:30	Coffee and Tea Break	
11:30-12:30	Module One: <ul style="list-style-type: none"> 1.1 Nuclear Security and Nuclear Security Culture 	Igor Khripunov
12:30-13:30	Lunch	
13:30-14:45	Module Two: <ul style="list-style-type: none"> 2.1 and 2.2 Nuclear Security Culture and IAEA Self-Assessment Methodology 2.3 and 2.4 Initiating Self-Assessments in Indonesia and Bulgaria: Rationale, Background, Expectations 	Igor Khripunov Bayu Purnomo, Vladimir Yankov
14:45-15:15	Coffee and Tea Break	
15:15-16:45	Module Three: <ul style="list-style-type: none"> 3.1 IAEA Nuclear Security Culture Self-Assessment Methodology – Survey 3.2 and 3.3 Highlights of the Survey Conduct in Indonesia and Bulgaria 	Igor Khripunov, Bayu Purnomo, Vladimir Yankov
16:45-17:00	Q&A Session	
17:00	Day One Adjourns	
Tuesday, August 21st		
9:00-9:15	Review of Day One and Briefing on Day Two	Igor Khripunov
9:15-10:15	Module Four: <ul style="list-style-type: none"> 4.1 Interactive Group Exercise on the Development of Survey Statements for Nuclear Security Culture Self-Assessment <ul style="list-style-type: none"> Selection of Characteristics and Indicators Development of Survey Statements 	Breakout Groups: Igor Khripunov, Bayu Purnomo, Vladimir Yankov
10:15-10:45	Module Four: <ul style="list-style-type: none"> 4.2 Simulation of Survey for Nuclear Security Culture Self-Assessment <ul style="list-style-type: none"> Test the Survey Statements for Clarity, Relevance, Ease to Respond 	Breakout Groups: Igor Khripunov, Bayu Purnomo, Vladimir Yankov
10:45-11:15	Coffee and Tea Break	
11:15-12:30	Module Five: <ul style="list-style-type: none"> 5.1 IAEA Nuclear Security Culture Self-Assessment Methodology – Interview 5.2 and 5.3 Highlights of Interview Conduct in Indonesia and Bulgaria 	Igor Khripunov, Bayu Purnomo, Vladimir Yankov
12:30-13:30	Lunch	

13:30-15:30	<p style="text-align: center;">Module Five:</p> <ul style="list-style-type: none"> • 5.4 Simulation of Interview for Nuclear Security Culture Self-Assessment <ul style="list-style-type: none"> ○ Identify the Issues to be Examined ○ Discuss Selection of the Interviewees ○ Develop Open Questions for Identified Issues <p style="text-align: center;">Simulate Interviews</p>	<p style="text-align: center;">Breakout Groups:</p> <p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
15:15-15:45	Coffee and Tea Break	
15:45-16:45	<p style="text-align: center;">Module Six:</p> <ul style="list-style-type: none"> • 6.1 IAEA Nuclear Security Culture Self-Assessment Methodology – Document Review • 6.2 and 6.3 Lessons Learned in Indonesia and Bulgaria from the Use of Document Review as a Self-Assessment Tool 	<p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
16:45-17:00	Q&A Session	
17:00	Day Two Adjourns	
Wednesday, August 22nd		
9:00-10:00	<p style="text-align: center;">Module Six:</p> <ul style="list-style-type: none"> • 6.4 Interactive Group Exercise on Document Review for Nuclear Security Culture Self-Assessment <ul style="list-style-type: none"> ○ Identify Issues to be Examined ○ Identify the Documents to be Reviewed ○ Discuss Possible Limitations on Relevant Document Access 	<p style="text-align: center;">Breakout Groups:</p> <p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
10:00-11:00	<p style="text-align: center;">Module Seven:</p> <ul style="list-style-type: none"> • 7.1 IAEA Nuclear Security Culture Self-Assessment Methodology – Observation • 7.2 The Art of Observation 	<p>Igor Khripunov</p>
11:00-11:30	Coffee and Tea Break	
11:30-12:30	<p style="text-align: center;">Module Seven:</p> <ul style="list-style-type: none"> • 7.3 and 7.4 Application of Observation as a Self-Assessment Tool in Indonesia and Bulgaria 	<p>Bayu Purnomo, Vladimir Yankov</p>
12:30-13:30	Lunch	
13:30-14:30	<p style="text-align: center;">Module Seven:</p> <ul style="list-style-type: none"> • 7.5 Interactive Group Exercise on Observation for Nuclear Security Culture Self-Assessment <ul style="list-style-type: none"> ○ Identify the Issues to be Examined ○ Identify the Events to be Observed ○ Review Observation as an Ethically Acceptable Practice 	<p style="text-align: center;">Breakout Groups:</p> <p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
14:30-16:00	<p style="text-align: center;">Module Eight:</p> <ul style="list-style-type: none"> • 8.1 IAEA Nuclear Security Culture Self-Assessment Methodology – Analysis 	<p>Igor Khripunov,</p>

	<ul style="list-style-type: none"> 8.2 and 8.3 Highlights of Analysis Performed in Assessing Nuclear Security Culture in Indonesia and Bulgaria 	Bayu Purnomo, Vladimir Yankov
16:00-16:30	Coffee and Tea Break	
16:30-17:00	Discussion	
17:00	Day Three Adjourns	
Thursday, August 23nd		
9:00-9:15	Review of Day Three and Briefing on Day Four	Igor Khripunov
9:15-11:00	<p>Module Eight:</p> <ul style="list-style-type: none"> 8.4 Interactive Group Exercise on Analysis of Self-Assessment Results <ul style="list-style-type: none"> Develop Scenarios Develop Hypotheses 	<p>Breakout Groups:</p> <p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
11:00-11:30	Coffee and Tea Break	
11:30-12:30	<p>Module Nine:</p> <ul style="list-style-type: none"> 9.1 IAEA Methodology for Enhancement of Nuclear Security Culture 	Igor Khripunov
12:30-13:30	Lunch	
13:30-15:00	<p>Module Nine:</p> <ul style="list-style-type: none"> 9.2 Management Policies in Support of Enhancement of Nuclear Security Policy <ul style="list-style-type: none"> Development of a Follow-Up Enhancement Plan 	Igor Khripunov, Bayu Purnomo, Vladimir Yankov
15:00-15:45	<p>Module Nine:</p> <ul style="list-style-type: none"> 9.3 Interactive Group Exercise on the Development of an Enhancement Action Plan <ul style="list-style-type: none"> Review the Enhancement Plan Template Identify an Event to be Included in the Action Plan and Provide Details as Required by the Template 	<p>Breakout Groups:</p> <p>Igor Khripunov, Bayu Purnomo, Vladimir Yankov</p>
15:45-16:15	Coffee and Tea Break	
16:15-16:45	Discussion of Action Plans Prepared by the Three Groups	
16:45-17:00	Q&A Session	
17:00	Day Four Adjourns	
Friday, August 24th		
9:00-9:15	Review of Day Four and Briefing on Day Five	Igor Khripunov
9:15-10:15	<p>Module Ten:</p> <ul style="list-style-type: none"> 10.1 Nuclear Safety Culture and Security Culture Interface: Is Harmonization Possible? 	Igor Khripunov
10:15-10:45	<p>Module Eleven:</p> <ul style="list-style-type: none"> 11.1 Making Nuclear Security Culture Sustainable 	Vladimir Yankov
10:45-11:15	Coffee and Tea Break	
11:15-11:45	Module Twelve:	Igor Khripunov

	<ul style="list-style-type: none"> • 12.1 Methodology for Nuclear Security Culture Self-Assessment as a Tool to Address Insider Threats 	
11:45-12:30	<p style="text-align: center;">Module Thirteen:</p> <ul style="list-style-type: none"> • 13.1 Application of the IAEA Nuclear Security Culture Methodology to Radioactive Sources 	Igor Khripunov
12:30-13:30	Lunch	
13:30-15:30	<ul style="list-style-type: none"> • Roundtable Discussion of a Model Plan for Nuclear Security Culture Self-Assessment • Gradual Approach: From Self-Reflection to Partial or Full-Scope Assessment • Workshop Evaluation • Presentation of Certificates 	All participants and instructors
15:30	Workshop Adjourns	