

**TECHNICAL MEETING: ANNUAL MEETING OF THE INTERNATIONAL
NETWORK FOR NUCLEAR SECURITY TRAINING AND SUPPORT CENTRES
(NSSC Network)**

Vienna, Austria

18 – 22 July 2022

Chair's Report



The Chair's Report on the 2022 Annual Meeting of the International Network for Nuclear Security Training and Support Centres (NSSC Network)

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A technical meeting under the IAEA *Nuclear Security Plan 2022-2025* for the Annual Meeting of the International Network for Nuclear Security Training and Support Centres (NSSC Network) was held in Vienna, Austria from 18 to 22 July 2022. There were 59 participants from 38 States and 4 observer organizations to the NSSC Network, as well as 14 IAEA staff.

The aim of the event was to celebrate the 10th anniversary of the NSSC Network, advance the work of the NSSC Network through plenary sessions on the core functions of NSSCs and work individually and collaboratively among the NSSC Network Working Groups to plan activities and discuss priorities for the upcoming year. The NSSC Network members in attendance participated in discussions and group-based activities on several key areas, including:

- Identifying priorities for areas of assistance requested by NSSC Network Members to guide future activities;
- Discussing good practices and lessons learned from mitigating the impact of COVID-19 that will continue to be implemented post-COVID;
- Developing new Action Plans for the three Working Groups;
- Promoting and facilitating greater regional cooperation among NSSCs;
- Determining next steps for future iterations of the workshop on establishing and operating a national NSSC;
- Updating the NSSC Network's Information Management Tools;
- Selecting new Network leadership for the coming year; and
- Discussing plans for the 2023 Annual Meeting.

BACKGROUND

The objective of the *IAEA Nuclear Security Plan 2022-2025* is to contribute to global efforts to achieve effective nuclear security, by establishing comprehensive nuclear security guidance and, upon request, promoting its use through peer reviews and advisory services and capacity building, including education and training; to promote adherence to relevant international legal instruments and commitment to the Code of Conduct on the Safety and Security of Radioactive Sources and its supplementary guidance to enhance nuclear security globally; and to play the central role of facilitating and enhancing international cooperation and increasing visibility and awareness through communication on nuclear security, in response to resolutions and decisions of the General Conference and Board of Governors, and considering Ministerial Declarations.¹

An effective national nuclear security regime requires the provision of capabilities to prevent, detect and respond to criminal or intentional unauthorized acts involving or directed at nuclear material, other radioactive material, associated facilities, or associated activities. For these capabilities to remain effective over the long-term, they should be developed systematically with sustained coordination among and commitment by relevant stakeholders and competent authorities in the state.² Each organization should allocate sufficient human, financial and

¹ GOV/2021/GC(65)/24

² See *IAEA Nuclear Security Series No. 20: Objective and Essential Elements of a State's Nuclear Security Regime*

technical resources to carry out its nuclear security responsibilities and to routinely conduct maintenance, training, and evaluation to ensure the effectiveness of nuclear security systems.

Requests for IAEA support in developing, implementing, and sustaining an effective national nuclear security regime have steadily increased and, based on these requests and drawing from the experience of States, the IAEA developed a concept for the establishment and operation of a national Nuclear Security Support Centre (NSSC) as a means to strengthen the sustainability of nuclear security in a State. The role of an NSSC is to support competent authorities, authorized persons, and other organizations with nuclear security responsibilities in sustaining the national nuclear security regime, at both the national and operational levels, through programmes in human resource development, technical support, and scientific support. In realizing these objectives, an NSSC also fosters nuclear security culture and enhances national coordination and collaboration among the various competent authorities involved in nuclear security.

The NSSC Network was established by consensus in February 2012 at a meeting of IAEA Member States in Vienna, Austria, to facilitate sharing of information and resources and to promote coordination and collaboration among states with an NSSC or those having an interest in developing a centre. The NSSC Network also includes States that have no plans to develop an NSSC but wish to benefit from other states' experience in the core functions of a centre. Based on the needs of States and drawing from the experience of existing NSSCs, IAEA-TDL-010 Establishing and Operating a National Nuclear Security Support Centre, Revision of IAEA-TECDOC-1734, was published in 2020.

The aim of this meeting is to review the status of implementation of NSSC Network activities and move forward with efforts to make the Network a stronger resource for States.

OPENING

The meeting was prefaced by a congratulatory video message on the 10th anniversary of the NSSC Network from Ambassador Bonnie Jenkins, Under Secretary for Arms Control and International Security of the U.S. Department of State, followed by congratulatory video messages from former and current NSSC Network Bureau Members. Following these congratulatory messages, a photo essay video spanning the 10 years history of NSSC Network events and activities was displayed.

The opening remarks, on behalf of Ms Elena Buglova, Director, Division of Nuclear Security, Department of Nuclear Safety and Security, IAEA, were delivered by Ms Quillan Rose, Nuclear Security Officer (NSSC and CRP). Ms Rose welcomed the participants to the meeting, highlighted the IAEA's programmes and activities in nuclear security and some of the NSSC Network's key accomplishments on the occasion of its 10th anniversary. She noted several major milestones since 2012, including the development of the NSSC Network information management tools and the publication of IAEA-TDL-010. Lastly, she encouraged all participants to actively contribute to meeting and make optimal use of the Working Group Sessions in developing plans of action for the Network.

Mr Inamul Haq, Chair of the Network, then greeted the participants and presented the objectives and agenda of the meeting for acceptance, see Attachment 1. The list of meeting participants is included as Attachment 2.

DISCUSSIONS AND FINDINGS

Following the welcome and opening remarks and adoption of the agenda, Ms Rose and Ms In Young Suh, U.S. Department of Energy (ORNL), provided a summary history of the NSSC Network with yearly accomplishments including an explanation of the data driven graphics used

to celebrate the accomplishments of the NSSC Network and its Members. Ms Rose highlighted progress that the Network has made since its inception in becoming a stronger resource for States and that this meeting will help define how we continue and build upon this progress.

Mr Inamul Haq, Network Chair, followed by presenting a report on the outcomes of the 2021 NSSC Network Leadership Meeting. He reviewed the objectives of the meeting and noted several key outcomes including (1) plans to conduct a second consultancy meeting on development of the NSSC Network Library of Lessons Learned and Case Studies (LiLLaCS); (2) discussions on how to implement the Memorandum for Cooperation (MfC) with the International Nuclear Security Education Network (INSEN); (3) discussions on how to further coordination and exchange between the Front Line Officer (FLO) Network and the NSSC Network; and (4) plans to adapt IAEA-TDL-010 workshop materials as resources to meet more specific, tailored needs among States.

The next session incorporated an extended working lunch with Regional Group breakout sessions. Participants from Africa, Arab States in Asia, Latin America and Southeast Asian Nations regions discussed plans to continue or establish formal regional groups.

After the working lunch, Mr Mahmoud Mohamed Gad, ENRRA (Egypt) and Working Group A Chair, and Mr Aleksejus Livšic, NSCOE (Lithuania) provided a presentation on workshop material for IAEA-TDL-010 delivered during the regional workshop in May 2022. Mr Gad introduced the workshop goals and overview, noting that the translations of IAEA-TDL-010 were funded by the European Union. Mr Livšic highlighted how a scenario based discussion was used to demonstrate how to implement the systematic approach to establishing and operating an NSSC as documented on posters completed during breakout sessions of the workshop. Following this presentation, instructors and participants of the regional workshop shared their perspectives during a rotating breakout session.

In the next session, Mr Haq and Ms Patricia O'Brien, NSSC Network Vice Chair, introduced Botswana as a new member of the NSSC Network and INTERPOL as a new observer to the NSSC Network. Following a presentation by Mr John Buchanan, INTERPOL, the participants of the meeting confirmed both the new member and observer.

The last session of the first day focused on reports from the chairs of Working Groups A, B, and C, who briefed the Network members on the status of the implementation of the 2021 - 2022 Action Plans.

On the second day, Mr Haq and Ms O'Brien presented an overview of the MfC with INSEN. Mr Haq shared the vision for cooperation that includes enhancing the effectiveness and capabilities of both Networks' respective members. Ms O'Brien discussed several possible activities to support the vision to be discussed further in the Working Group A 2022-2023 Action Plan, including: how to share information on NUSEC, holding concurrent leadership meetings, and facilitating invitations to each other's network activities.

After this initial presentation, Ms Yura Shin, Associate Training Officer, and Mr Dejan Dimitrovski, Software Engineer, introduced the NSSC Network information management tools clinic where participants can request support in navigating and updating their content within the tools including the NSSC Network Database, Calendar and LiLLaCS. These clinics were conducted during the morning breaks from Tuesday through Friday of the meeting to provide participants an opportunity to ask questions related to or update their information management tools' content.

Ms Suh then conducted a world café session facilitated by IAEA on identifying key areas of assistance requested by the NSSC Network members via the database on NUSEC to guide

directions for the activities of the NSSC Network in 2023 and beyond. Initial topics discussed included project management; strategy implementation plan development; systematic approach to training (SAT); equipment design, upgrade, replacement, corrective maintenance; and sustainability. Additional topics and needs were identified such as development of nuclear security competencies guidance as well as development of materials to support and implementation of workshops on IAEA-NSS-30-G, Sustaining a Nuclear Security Regime, management-level guidance for improving coordination and collaboration among NSSCs, and developing operating procedures.

The next session was an introduction to the NSSC core function sessions to be conducted during the afternoons on Tuesday through Thursday. This was followed by an introduction to the Nuclear Threat Initiative (NTI) by Mr Eric Brewer. Before the Tuesday afternoon topical session began, Mr Francesco Miorin of United Nations Interregional Crime and Justice Research Institute (UNICRI) provided a presentation on their activities on radiological and nuclear security. The afternoon technical support sessions included presentations on upcoming IAEA Detection Science and Technology team activities and projects, minimum detectable quantity and alarm threshold tool (MDQ-ATET), the TRACE alarming commodity catalogues and the mobile integrated nuclear security network (M-INSN).

The third day began with a plenary panel discussion on identifying new opportunities to incorporate good practices and lessons learned post-COVID led by Mr Rachid Mellouki, CNESTEN (Morocco); Ms Naoko Inoue, JAEA, ISCN (Japan); and Mr Livšic. The panel provided an overview of the activities and processes implemented to mitigate the impact of COVID-19 as presented during the 2021 Annual Meeting of the NSSC Network and indicated those that continued post COVID. This panel discussion was followed by breakout group discussions that documented additional practices and strategies including segregating events/topics based on sensitivity of training (information security); developing platforms to share material; conducting virtual meetings when necessary; reducing number of trainees per training course; transitioning to hybrid courses, e-learning and pre-recorded lectures to reduce in-classroom training requirements; and ensuring management support for participation in on-line training.

After the lunch break, Mr Tomas Bieda of the World Institute for Nuclear Security (WINS) provided a presentation on WINS and capacity building for nuclear security. After this presentation, the human resource development (HRD) core function presentations were conducted including presentations on the new IAEA approach to HRD workshops, SAT and training needs analysis; IAEA e-learning demonstration; the Nuclear Security Training and Demonstration Centre (NSTDC) at the Agency's Seibersdorf laboratories; and developing computer security competencies.

The morning of the fourth day was dedicated to the development of the 2022 – 2023 Working Group Action Plans. Ms O'Brien introduced the objectives and primary activities of each Working Group to allow participants to select a Working Group within which to participate. In addition to Working Group A, B and C sessions; Mr Gad and Mr Haq formed a task force to consider the need for any additional activities outside of the current structure whose contributing members included Mr Livšic, Mr Herve Bury (France), Mr Shane Peper (INTERPOL), Ms Beth Kaboro (Kenya), Mr Abdou Salam Yahaya Bako (Niger), Mr Abdul Adamu (Nigeria) and Mr James Conner (U.S.).

During another extended working lunch, Regional Group breakout session participants from Africa, Arab States in Asia, Latin America and Southeast Asian Nations regions finalized plans to continue or establish formal regional groups.

The afternoon of the fourth day was dedicated to scientific support core function presentations including IAEA technical assistance towards universalization of the CPPNM as Amended as well as the *From Crime to Court* presentations that link radiological crime scene management to nuclear forensics.

On the final day of the meeting, Working Groups presented their 2022-2023 Action Plans (see Attachment 4). The task force presented a proposal for the establishment of two NSSC Network task forces and will further develop the plans for how these task forces will be established, function and report back their accomplishments to the NSSC Network. Although task forces have been convened in prior years, the process for establishing a task force is not documented in the current NSSC Network Terms of Reference (ToR) and the Network will consider developing and adding an addendum to the ToR for this purpose. After the Working Groups completed their presentations, representatives presented their finalized next steps for the continued work in or development of new regional or sub-regional groups. These presentations included next steps for the Africa regional group (NSSC-ARG); the Arab States in Asia (ARASIA) group; the Asia Regional Network (ARN); the Hungary, Lithuania, Ukraine Consortium (HLU C); the Latin America (LAN-NSSC); and Southeast Asian Nations regional group (SAN). The next steps for each of these regional and sub-regional groups was then incorporated in the Working Group A Action Plan.

The Network Chair and other Bureau members then led a wrap-up session to get feedback from participants and to discuss NSSC Network priorities for 2022-2023. Participants agreed with the priorities emphasized by the NSSC Network Bureau: update the IAEA-TDL-010 workshop materials; conduct a second regional workshop on IAEA-TDL-010; support development of regional and sub-regional groups; complete the Working Group Action Plans; continue evolution of the NSSC Network information management tools; and promote collaboration and cooperation with other Networks ensuring we are not duplicating efforts. Mr Haq then provided a summary of the Chair's report, noting that all presentations and related reference materials from this meeting will be available for download on the NUSEC Portal/User Group NSSC.

Next, Ms Rose presented the new leadership of the Network to the plenum (see Attachment 3). The Network Chair and Working Group A Chair have reached their term limits. The Network Vice Chair and Working Group A Vice Chair have agreed to take on the Network Chair and Working Group A Chair positions. Ms Beth Kaboro, Kenya Nuclear Security Coordination Officer (KNSSC), was selected and approved as the new Network Vice Chair and Mr Péter Völgyesi, Hungary's Center for Energy Research (EK), was selected and approved as the new Working Group A Vice Chair. The remaining members of the Bureau will continue into a second term in their same capacity.

Finally, participants agreed that the 2023 NSSC Network Annual Meeting would tentatively be planned for February 2023 in Thailand based on a host request. Ms Rose shared that additional volunteers for hosting future Annual Meetings have also been received from Pakistan and Egypt.

CLOSING OF THE MEETING

Mr Jason Tierney, Section Head of the Programme Development and International Cooperation Section of the Division of Nuclear Security, IAEA, thanked the participants for their fruitful discussions and contributions and closed the meeting.

ACTIONS AND NEXT STEPS

- Working Groups A, B and C will accomplish all the tasks captured in their action plans (see Attachment 4).
- The Secretariat will analyse the data collected during the world café session, '2023 and Beyond: Over the Horizon' to support the working groups tasks (see above and Attachment 4); results to be distributed by Working Group C during Q4 2022.
- On behalf of Working Group C, the Secretariat distributed a follow-up survey to collect feedback on the NSSC Network information management tools as well as the agenda and logistics of the Annual Meeting; results to be distributed by Working Group C during Q4 2022.
- The NSSC Network Bureau members and Secretariat agreed to use the data analysis from both the world café session and the post-Annual Meeting survey to plan the content of the 2023 NSSC Network Annual Meeting and inform the Working Group Action Plans for 2023-2024.

The meeting was adjourned at 13:00 on Friday, 22 July 2022.



2022 Annual Meeting of the International Network for Nuclear Security Training and Support Centres (NSSC Network)

**InterContinental Hotel
Vienna, Austria
18 – 22 July 2022**

AGENDA

Monday, 18 July

Time	Topic	
08:30	Registration at InterContinental Hotel	
09:30 – 09:45	NSSC Network 10 th Anniversary Congratulatory Messages from Former and Current Bureau Members	
09:45 – 10:00	Welcome and Opening Remarks	Ms Elena Buglova, Director, Division of Nuclear Security, IAEA
10:00 – 10:30	Group Photo	
10:30 – 10:45	Presentation of Meeting Objectives, Adoption of the Agenda	Mr Inamul Haq (PIEAS), Pakistan, <i>NSSC Network Chair</i>
10:45 – 11:15	Break	
11:15 – 11:30	NSSC Network: 10 th Anniversary	Ms Quillan Rose, Nuclear Security Officer (NSSC & CRP), Division of Nuclear Security, IAEA Ms In Young Suh (DOE), USA
11:30 – 12:00	Report on Outcomes of the 2021 NSSC Network Leadership Meeting	Mr Inamul Haq (PIEAS), Pakistan <i>NSSC Network Chair</i>
12:00 – 14:00	Lunch Break – Regional Group Breakout Session #1	
14:00 – 14:30	Presentation on Workshop Material for IAEA-TDL-010, Establishing and Operating a National Nuclear Security Support Centre	Mr Mahmoud Gad (ENRRA), Egypt Mr Aleksejus Livšic (NSCOE), Lithuania
14:30 – 15:15	Perspectives from the Regional Workshop on IAEA-TDL-010	Group A: Mr Mahmoud Gad (ENRRA), Egypt; Mr Osman Hassan Farah (Directorate General of National Security), Djibouti

Attachment 1: Meeting Agenda

		<p>Group C: Mr Aleksejus Livšič (NSCOE), Lithuania; Mr Abdou Salam Yahayo Bako (HANEA), Niger</p> <p>Group D: Ms Nichole White, Training Officer, Division of Nuclear Security, IAEA; Mr Soudjay Said (University of Comoros); Ms Etonam Abla Ann Mensah (GNRA), Ghana</p>
15:15 – 15:30	<p>Introduction of New NSSC Network Observer: <i>Mr John Buchanan, INTERPOL</i></p> <p>Introduction of New NSSC Network Member: <i>Botswana (in absentia)</i></p>	<p>Mr Inamul Haq (PIEAS), Pakistan <i>NSSC Network Chair</i></p> <p>Ms Patricia O’Brien (DOE), USA <i>NSSC Network Vice Chair</i></p>
15:30 – 16:00	Break	
16:00 – 17:30	<p>Status Updates on 2021 – 2022 Working Group Action Plans</p> <p><i>Working Group A</i> Mr Mahmoud Gad (ENRRA), Egypt, <i>Chair</i> Ms Naoko Inoue (JAEA/ISCN), Japan, <i>Vice Chair</i></p> <p><i>Working Group B</i> Ms Issariya Chairam (OAP), Thailand, <i>Chair</i> Mr Pierre Funk (IRSN), France, <i>Vice Chair</i></p> <p><i>Working Group C</i> Mr Herman Eduardo Zárata (CCHEN), Chile, <i>Chair</i> Mr Rachid Mellouki (CNESTEN), Morocco, <i>Vice Chair</i></p>	
17:30	Adjourn	

Tuesday, 19 July

Time	Topic	
09:30 – 09:45	NSSC Network Cooperation with INSEN	<p>Mr Inamul Haq (PIEAS), Pakistan <i>NSSC Network Chair</i></p> <p>Ms Patricia O’Brien (DOE), USA <i>NSSC Network Vice Chair</i></p>
09:45 – 10:00	NSSC Network Information Management Tools Clinic Introduction	<p>Ms Yura Shin, Associate Training Officer, Division of Nuclear Security, IAEA</p> <p>Mr Dejan Dimitrovski, Software Engineer, Division of Nuclear Security, IAEA</p>
10:00 – 10:45	2023 and Beyond: Over the Horizon, World Café Breakout Session	Ms In Young Suh (DOE), USA
10:45 – 11:15	Break <i>Please visit the Information Management Tools Clinic</i>	
11:15 – 11:45	World Café Session continued	
11:45 – 12:00	Introduction to NSSC Core Function Sessions	Ms Quillan Rose, Nuclear Security Officer (NSSC & CRP), Division of Nuclear Security, IAEA
12:00 – 13:30	Lunch Break – Topical Breakout Session #1	

Attachment 1: Meeting Agenda

	– <i>UNICRI: Capacity Building to Counter RN Trafficking [Plenary]</i>	
13:30 – 15:30	<p>Technical Support (TS) Sessions</p> <ul style="list-style-type: none"> – <i>Upcoming Detection Science and Technology Team activities and projects</i> – <i>Minimum Detectable Quantity and Alarm Threshold Estimation Tool (MDQ-ATET)</i> – <i>TRACE Alarming Commodity Catalogue</i> – <i>Mobile Integrated Nuclear Security Network (M-INSN)</i> 	<p>Ms Quillan Rose, Nuclear Security Officer (NSSC & CRP), Division of Nuclear Security, IAEA</p> <p>Ms Piyawan Krisanangkura, Nuclear Security Officer (Spectroscopic), Division of Nuclear Security, IAEA</p> <p>Mr Giang Nguyen, Nuclear Security Officer (Algorithms and Reliability), Division of Nuclear Security, IAEA</p> <p>Ms Kelly Jenkins, Nuclear Security Officer (Instrumentation and Networks), Division of Nuclear Security, IAEA</p>
15:30 – 16:00	Break	
16:00 – 17:30	TS Sessions continued	
17:30	Adjourn	

Wednesday, 20 July

Time	Topic	
09:30 – 10:45	Panel Discussion: The Way Forward – Identifying New Opportunities to Incorporate Good Practices and Lessons Learned Post COVID	<p>Mr Rachid Mellouki (CNESTEN), Morocco</p> <p>Ms Naoko Inoue (JAEA/ISCN), Japan</p> <p>Mr Aleksejus Livšic (NSCOE), Lithuania</p>
10:45 – 11:15	Break <i>Please visit the Information Management Tools Clinic</i>	
11:15 – 12:00	Panel Discussion Activity Feedback Session	
12:00 – 13:30	Lunch Break – Topical Breakout Session #2 <ul style="list-style-type: none"> – <i>WINS and Capacity Building for Nuclear Security: An Overview [Plenary]</i> – <i>INFCIRC/908: Mitigating Insider Threats [Lehar]</i> 	
13:30 – 15:30	<p>Human Resource Development (HRD) Sessions</p> <ul style="list-style-type: none"> – <i>HRD Workshops, Systematic Approach to Training and Training Needs Analysis</i> – <i>E-learning Demonstration</i> – <i>Nuclear Security Training and Demonstration Centre (NSTDC) at the Agency's Seibersdorf Laboratories</i> – <i>Developing Computer Security Competencies</i> 	<p>Ms Nichole White, Training Officer, Division of Nuclear Security, IAEA</p> <p>Ms Yura Shin, Associate Training Officer, Division of Nuclear Security, IAEA</p> <p>Ms Quillan Rose, Nuclear Security Officer (NSSC & CRP), Division of Nuclear Security, IAEA</p> <p>Mr Christophe Pilleux, Nuclear Information Technology Security Officer, Division of Nuclear Security, IAEA</p>
15:30 – 16:00	Break	

Attachment 1: Meeting Agenda

16:00 – 17:30	HRD Sessions continued
17:30	Adjourn

Thursday, 21 July

Time	Topic	
09:30 – 09:45	Introduction to NSSC Network Working Groups	Ms Patricia O'Brien (DOE), USA <i>NSSC Network Vice Chair</i>
09:45 – 10:45	NSSC Network Working Group Breakout Sessions	
10:45 – 11:15	Break <i>Please visit the Information Management Tools Clinic</i>	
11:15 – 12:00	NSSC Network Working Group Breakout Sessions continued	
12:00 – 13:30	Lunch Break – Regional Group Breakout Session #2	
13:30 – 14:00	IAEA Technical Assistance towards Universalization of the CPPNM as Amended	Mr Richard Sseggane, Consultant, Division of Nuclear Security, IAEA
14:00 – 15:30	Scientific Support (SS) Session – <i>From Crime to Court</i>	Ms Eva Szeles, Unit Head (Crime Scene Management and Nuclear Forensics), Division of Nuclear Security, IAEA Mr Kevin Kelly, Radiological Crime Scene Management Consultant, Division of Nuclear Security, IAEA
15:30 – 16:00	Break	
16:00 – 17:30	SS Session continued	
17:30	Adjourn	

Friday, 22 July

Time	Topic	
09:30 – 10:15	2022 – 2023 Working Group Action Plans	
	<i>Working Group A</i>	Mr Mahmoud Gad (ENRRA), Egypt, <i>Chair</i> Ms Naoko Inoue (JAEA/ISCN), Japan, <i>Vice Chair</i>
	<i>Working Group B</i>	Ms Issariya Chairam (OAP), Thailand, <i>Chair</i> Mr Pierre Funk (IRSN), France, <i>Vice Chair</i>
	<i>Working Group C</i>	Mr Herman Eduardo Zárate (CCHEN), Chile, <i>Chair</i> Mr Rachid Mellouki (CNESTEN), Morocco, <i>Vice Chair</i>
10:15 – 11:00	NSSC Network Regional Group Reports	
	<ul style="list-style-type: none"> – <i>Africa Regional Group</i> – <i>Arab States in Asia (ARASIA) Group</i> – <i>Asia Regional Network (ARN)</i> – <i>Hungary, Lithuania, Ukraine Consortium (HLU C)</i> 	

Attachment 1: Meeting Agenda

	<ul style="list-style-type: none"> – <i>Latin America Regional Group</i> – <i>Southeast Asian Nations Regional Group</i> 	
11:00 – 11:30	Break <i>Please visit the Information Management Tools Clinic</i>	
11:30 – 12:00	Discussion on NSSC Network Priorities and Preparations for the 2023 NSSC Network Annual Meeting	<i>NSSC Network Bureau</i>
12:00 – 12:30	Chair’s Report	Mr Inamul Haq (PIEAS), Pakistan <i>NSSC Network Chair</i>
12:30 – 12:45	Introduction of New NSSC Network Chairs and Vice Chairs	Ms Quillan Rose, Nuclear Security Officer (NSSC & CRP), Division of Nuclear Security, IAEA
12:45 – 13:00	Closing Remarks	Mr Jason Tierney, Section Head (Programme Development & International Cooperation), Division of Nuclear Security, IAEA
13:00	Adjourn	

Attachment 2: List of Participants

Available on the NSSC Network user page at NUSEC.iaea.org.

Attachment 3: NSSC Network Bureau 2022 – 2023

<u>NSSC Network Bureau for 2022 – 2023</u>				
NSSC Network	Chair	Ms Patricia O'Brien	United States of America	Department of Energy / National Nuclear Security Administration
	Vice Chair	Ms Beth Kaboro	Kenya	Kenya Nuclear Security Coordination Centre (KNSCC) Kenya Nuclear Regulatory Authority
WG A	Chair	Ms Naoko Inoue	Japan	Japan Atomic Energy Agency
	Vice Chair	Mr Péter Völgyesi,	Hungary	Center for Energy Research (EK)
WG B	Chair	Ms Issariya Chairam	Thailand	Office of Atoms for Peace
	Vice Chair	Mr Pierre Funk	France	Institute for Radiological Protection and Nuclear Safety (IRSN)
WG C	Chair	Mr Herman Zarate	Chile	Chilean Nuclear Energy Commission
	Vice Chair	Mr Rachid Mellouki	Morocco	Centre National de l'Energie des Sciences et des Techniques Nucléaires (CNESTEN)

Attachment 4: Working Group Action Plans 2022 - 2023

2022 - 23 Action Plan: Working Group A				
No.	WG TOR Activity Aims	Activity	Activity Leader(s)	Due Date / Status
1A	Organize joint activities in human resource development, technical support, and scientific support. Support NSSCs in taking a systematic approach to programme development based on a structured assessment of national nuclear security regime needs.	Review the recommendation from WG B's review of the database to identify needs and priorities for additional workshops.	WG A members	Q1 2023; See Task 4A
1B		Hold second regional workshop on IAEA-TDL-010.	Chair, IAEA Secretariat	Q3/Q4 2023, in the Asia-Pacific region
1C		Conduct an Instructor Training on IAEA-TDL-010 workshop materials.	Chair, Vice Chair, IAEA Secretariat	Q4 2022 – Q1 2023
2A	Build and develop cooperation among NSSCs, including through regional and sub-regional networks.	Hold regional or sub-regional group meetings, virtually as necessary and when feasible, based on recommendations of members.	Regional group members	Based on regional groups' action plans
2B		Invite all regional groups to present at Annual Meeting, sharing good practices, lessons learned, benefits and challenges.	Regional group members	Ongoing (<i>permanent task</i>)
3A	Facilitate technical exchanges among NSSCs, including sharing of materials and experience.	Facilitate technical exchanges among NSSCs, including sharing of materials and experience. <ul style="list-style-type: none"> Revised draft agenda for ARN TE/HRD Workshop to be discussed at next ARN+1 meeting (new host to be identified) 	Chair, Vice Chair, IAEA Secretariat, ARN	TBD 2023
3B		Adapt new IAEA-TDL-010 workshop materials (on NSSC core functions) for use during technical exchange visits in an in-person or virtual format	IAEA Secretariat, WG A, WG B	TBD 2023
4	Facilitate the optimization of efforts and sharing of resources among NSSCs. Organize joint activities in human resource development, technical support, and scientific support. Facilitate technical and scientific exchanges among NSSCs, including sharing of materials and experience.	Hold CM to analyse data in the NSSC Network database and calendar, discuss strategy for optimizing efforts and develop a plan for Network activities in 2022/2023, possibly including: <ul style="list-style-type: none"> Further workshops on NSSC development phases Workshop(s) on NS technical areas and themes Interactive sessions for future Annual Meetings Technical exchange visits among NSSC Network members 	Chair, Vice Chair, IAEA Secretariat, WG B, WG C	Q1 2023 (consult WG B on when data analysis will be ready); meet virtually before the next Annual Meeting
5	Coordinate with other relevant international networks and initiatives.	Conduct virtual CM to discuss implementing activities as described and agreed upon in Memorandum for Cooperation between NSSC Network and INSEN.	Chair, Vice Chair, IAEA Secretariat	Q4 2022
6	Coordinate with other relevant international networks and initiatives.	Exchange information on activities and plans with the following initiatives, including through IAEA information exchange meeting: <ul style="list-style-type: none"> GICNT (on hold) GP FLO Network (survey being conducted by WG B) INTERPOL Others (e.g. EU CBRN COE Initiative, NSGC, ITWG) 	Chair, Vice Chair, Network Chair, Network Vice Chair, IAEA Secretariat,	Ongoing (<i>permanent task</i>)

Attachment 4: Working Group Action Plans 2022 - 2023

2022 - 23 Action Plan: Working Group B				
No.	WG TOR Activity Aims	Activity	Activity Leader(s)	Due Date / Status
1	Gather NSSC good practices in support of IAEA-TDL-010			
1A	Identify and document best practices related to characteristics basic to or common among most NSSCs.	Review and analyse LiLLaCS synopses submission for development of long-form good practices.	Chair, Vice Chair, IAEA Secretariat, Italy, U.S.	Ongoing (<i>permanent task</i>)
1B		Analyse all IMT data and provide analysis to the Working Group A.	Chair, Vice Chair, IAEA Secretariat, specific members / States of the WG	Q4 2022
2	Develop workshop material based on IAEA-TDL-010			
2A	Identify and document best practices related to all good practices areas.	Update workshop material based on feedback and lessons learned from the pilot workshop on establishing and operating an NSSC based on IAEA-TDL-010.	IAEA Secretariat	Q3 2022
3	Good practices in communication between NSSCs			
3A	Identify and document best practices related to common characteristics of NSSCs; stakeholder coordination; implementing programmes in HRD, TS and SS; and self-assessment and evaluation of programmes and services.	Develop model guidelines for technical exchanges between NSSCs to share experiences and lessons learned related to an NSSC's core functions (HRD, TS, SS).	Chair, Vice Chair, IAEA Secretariat, TBC (SAN)	Q2 2023
3B		Based on the developed model guidelines, prepare and submit a summary of good practices in communication submitted into LiLLaCS.	Chair, Vice Chair, IAEA Secretariat, specific members / States of the WG	Q2 2023
4	Develop processes and documentation to support NSSC Network cooperation			
4A	Identify and document best practices related to stakeholder coordination.	Collect NSSC Network/INSEN collaboration and cooperation questionnaire responses from Pakistan, received completed questionnaire from Malaysia and Japan; review and submit findings to WG.	Chair, Vice Chair, IAEA Secretariat	Ongoing Status update: Q4 2022
4B		Develop and distribute questionnaire for coordination and collaboration between NSSC Network and FLO Network members.	Chair, Vice Chair, IAEA Secretariat	Questionnaire is approved and to be online distributed. Follow-up on the questionnaire via phone calls. Status update: Q4 2022

Attachment 4: Working Group Action Plans 2022 - 2023

5	Suggestions for LiLLaCS topics	Volunteer for Submission	Timeline	
5a.1	Identify and document best practices related to characteristics basic to or common among most NSSCs.	Promoting Nuclear Security Culture: Review the NS culture self-assessment in NSS 28-T to support NSSC technical exchange visits and to promote sustainability	1. Thailand 2. Japan	Q4 2022 / Q2 2023
5a.2		Implementation of a nuclear security culture in a regulatory institution (themes: Sustainability, Nuclear Security Culture)	3. Mauritania	Q1 2023
5a.3		Legal/regulatory framework	1. France 2. Brazil 3. Philippines	Q3 2022 / Q3 2023
5a.4		Regional and sub-regional cooperation and collaboration case studies	1. Japan 2. Brazil 3. Philippines 4. Mauritania	Q3 2022 / Q2 2023
5a.5		Integrated Management System implementation (IMS, quality management)		
5a.6		Information Management Tools (IMT) implementation		
5a.7		Creation of TS and SS capacities such as laboratory certification for radiation safety and security	1. France 2. Italy 3. Russia	Q4 2022
5a.8		E-learning (<i>e.g. national-level competencies</i>) and other skills building tools such as training simulators	1. U.S. 2. France	Q4 2022
5a.9		Exercises and drills	1. Italy	
5a.10		Training development and delivery (Mauritania: Training modules for border control, police, mining workers and military)	1. Algeria 2. U.S. 3. Italy 4. Mauritania	Q2/Q3 2023, Q4 2022
5a.11		Implementation of a national strategy of detection of nuclear and other radioactive material out of regulatory control with the identification and training of all security forces operating in the identified border posts and also the distribution of equipment, and training on the use of equipment and the implementation of the CONOPS.	1. Mauritania	

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2022 - 23 Action Plan: Working Group C				
No.	WG TOR Activity Aims	Activity	Activity Leader(s)	Due Date / Status
2	Maintain and enhance a database of all NSSC Network Members. Facilitate the sharing, promotion, collation and dissemination of information related to nuclear security training and other activities carried out by NSSC Network Members through an NSSC Network events calendar. Monitor use of and improvements needed for the NSSC User Group on the NUSEC Portal.	Monitor for Member inputs requesting further guidance in using the NUSEC portal and the Network's information management tools.	Chair, Vice Chair, IAEA Secretariat	Ongoing (<i>permanent task</i>)
2A		Prepare and provide POCs with video tutorials on use of the portal (database, calendar, LiLLaCS).	Chair, Vice Chair, IAEA Secretariat, Japan, USA	Q4 2022
2B		Set up a one to one tutorial on the use of the portal (database, calendar, LiLLaCs, etc.).	Chair, Vice Chair, IAEA Secretariat	Ongoing
3	Coordinate development of each edition of the NSSC Network Newsletter and other outreach materials, working in close cooperation with the IAEA Secretariat.	Increase awareness and promote NSSC Network among relevant stakeholders.	Chair, Vice Chair, IAEA Secretariat	Ongoing (<i>permanent task</i>)
3A		To prepare and distribute promotional material in physical and digital format, as badges, newsletter, poster, etc., for NSSC Network members for their NSSCs, members' States, relevant stakeholders (Ex.WINS), during training courses, meetings, etc. (use of electronic format).	Chair, Vice Chair, IAEA Secretariat, WINS	Ongoing
4	Maintain and enhance a database of all NSSC Network Members. Facilitate the sharing, promotion, collation and dissemination of information related to nuclear security training and other activities carried out by NSSC Network Members through an NSSC Network events calendar. Monitor use of and improvements needed for the NSSC User Group on the NUSEC Portal. Carry out regular analysis of data contained in the NSSC Network events calendar and database.	To develop data collection tools such as questionnaires, surveys, etc. as necessary and report the results of the analysis.	Chair, Vice Chair, IAEA Secretariat	Ongoing (<i>permanent task</i>)
4A		To develop survey questionnaire on tutorial videos.	Chair, Vice Chair, IAEA Secretariat	Pending Task 2A
5	Monitor use of and improvements needed for the NSSC User Group on the NUSEC Portal.	Monitor and initiate cooperation and support on NSSC Network information management tools with other NSSC Network WGs.	Chair, Vice Chair, IAEA Secretariat	Ongoing / As Needed (<i>permanent task</i>)
5A	Carry out regular analysis of data contained in the NSSC Network events calendar and database.	Keep in contact with other WGs of the Network, through email, meetings etc.	Chair, Vice Chair, IAEA Secretariat	Ongoing
6	Maintain and enhance a database of all NSSC Network Members. Facilitate the sharing, promotion, collation and dissemination of information related to nuclear security training and other activities carried out by NSSC Network Members through an NSSC Network events calendar.	Monitor 2022-2023 activities that utilize information from the NSSC Network database, calendar and LiLLaCS for feedback and points of improvement to provide better support for the Network.	Chair, Vice Chair, IAEA Secretariat	Ongoing (<i>permanent task</i>)

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7	Coordinate development of each edition of the NSSC Network Newsletter and other outreach materials, working in close cooperation with the IAEA Secretariat.	Coordinate the development of each edition of the NSSC Network Newsletter and other outreach materials.	Chair, Vice Chair, IAEA Secretariat	Ongoing (<i>permanent task</i>)
7A		To incorporate relevant information from database, calendar and LiLLACS information on NSSC Network newsletters.	Chair, Vice Chair, IAEA Secretariat	Ongoing