



IAEA

International Atomic Energy Agency
Atoms for Peace and Development

The Global Nuclear Safety and Security Network (GNSSN)

Coordination Meeting 23 June 2022

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With support from EuCAS WGs chairs

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Questions

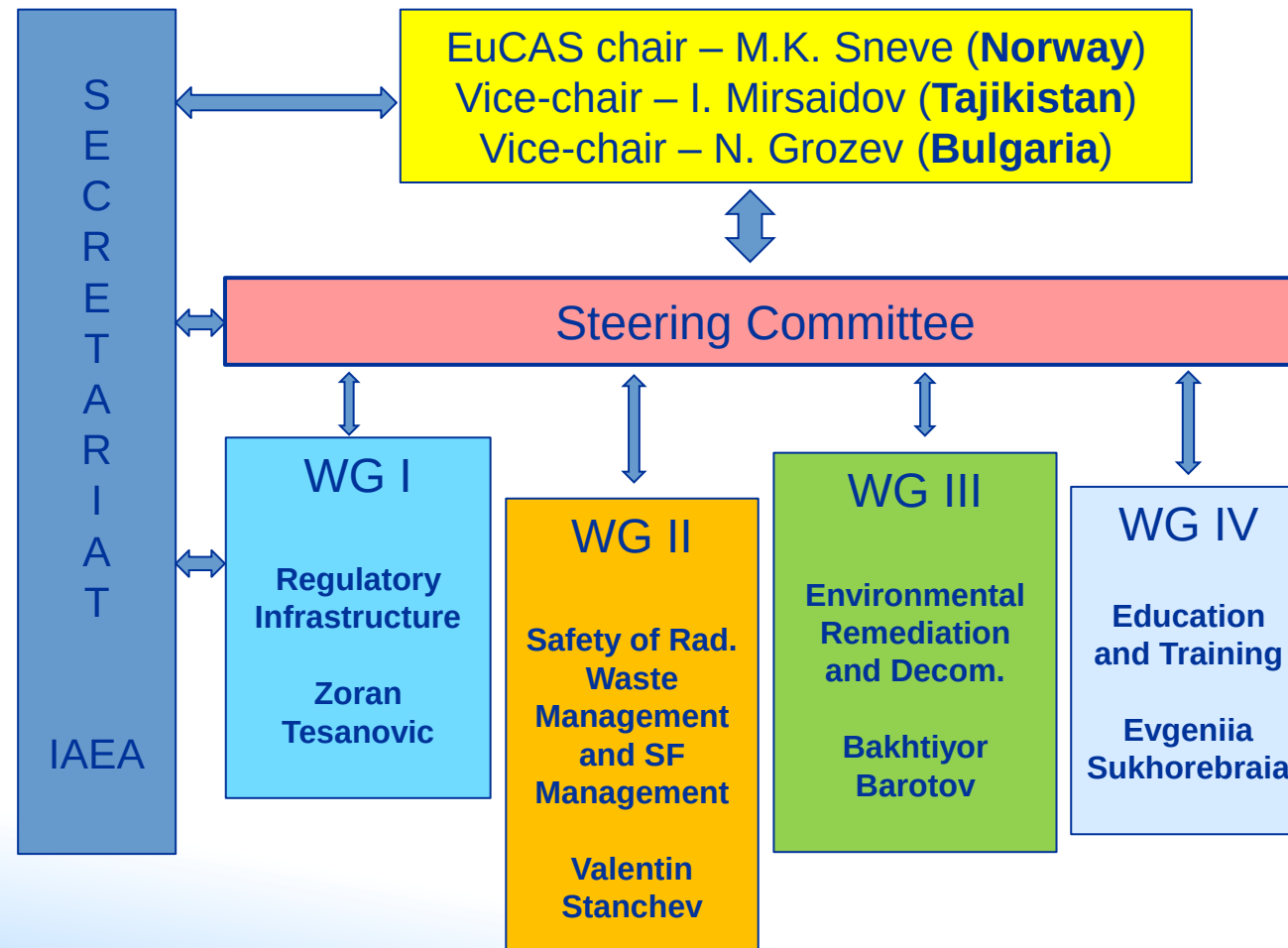
1. Current challenges within individual network.
2. Potential opportunities to enhance cooperation among the regional and thematic networks
3. Any additional support/cooperation needed from the IAEA to promote the networks and their corresponding activities.
4. IAEA's expectations from the networks to adopt results-based management approach to deliver tangible outputs (conceptualize cross regional projects focused on technical topics/issues)

European and Central Asian Nuclear Safety Network - EuCAS

23 Member countries from Europe and Central Asia (*members of the IAEA*)

- **Member States:** Armenia, Azerbaijan, Belarus, Belgium, Bosnia and Herzegovina, Bulgaria, Czech Republic, Estonia, France, Georgia, Germany, Greece, Kazakhstan, Kyrgyzstan, Lithuania, Malta, Moldova, Norway, Romania, Russian Federation, Serbia, Slovakia, and Tajikistan.
- **Partner organizations:** US NRC, Norway, Japan, Korea

The structure of the EuCAS network



Strategic goals of EuCAS Network

- Promote and strengthen sustainable cooperation in the field of nuclear and radiation safety, between countries and in the region,
- Improve nuclear and radiation safety capabilities and infrastructure of EuCAS members' countries,
- Develop and coordinate capacity building activities within the region gathering EuCAS members,
- Share information on relevant initiatives and major activities in the region (such as other specialized or sub-regional networks),
- Contribute to identification of regional priorities in the field of nuclear and radiation safety for the regional support programmes (e.g. TC programme, EBRD, EU, etc.).
- The EuCAS Network, aims to support the strengthening of the nuclear and radiation safety infrastructure, in line with the IAEA safety standards, at regional level, through facilitating:
 - ✓ the exchange of information, experience, expertise and good practices;
 - ✓ the coordination and the development of activities including capacity building;
 - ✓ the cooperation on issues of specific interest and building of a common understanding.

Achievements of the EuCAS in 2020 -2022

- 5th Steering Committee (SC) virtual meeting of EuCAS - August 2020
- 6th Steering Committee (SC) of EuCAS virtual meeting - November 2020
- 7th Steering Committee (SC) of EuCAS virtual meeting – June 2021
- 8th Steering Committee (SC) of EuCAS virtual meeting – January 2022
- 9th Steering Committee (SC) of EuCAS is planned in hybrid modus – August 2022
- Webinars:
 - An Introduction to IAEA Safety Standards on Protection of People and the Environment GSG-15 and GSG-16 - 9th November 2021
 - An Introduction to Integrated Regulatory Review Service (IRRS) Missions - 16th November 2021
 - An Introduction to Integrated Review Service for Radioactive Waste and Spent Fuel Management, Decommissioning and Remediation (ARTEMIS) Missions - 30th November 2021
- Technical meeting: 7-8 December 2021 (virtual) - to discuss ToR for each Working Group
- Regional workshop on “Systematic Assessment of Regulatory Competence Needs” – plan to be held in Vienna, 5-9 September 2022 WG 4
- Regional Workshop on “Public Information and Communication: Standards, Mechanisms and Challenges for Regulatory Bodies for Nuclear Safety and Security”, Belgrade, Serbia, October 24-26 WG 1

Workplan and next steps for 2022

- To continue with webinars with special focus on IAEA safety standards and possible activities as missions, projects, training etc.
- Invited topical presentations for SC meetings
- Sharing of the regulatory documents and practical experience between countries in the region or in the group
- Continues sharing of the „know-how” – assess to facility and experts (possible after pandemic)
- Further coordination with IAEA programs and other activities in the regions
- 3 Workshops on the WGs initiatives
- Work program for each WG

Workplan and next steps for 2022

All workshops were planned since 2019 and were postponed until face-to-face meetings will be possible

[WG 2 workshop] by Moldova – tentatively 2023

Temporary Storage Facilities for Low- and Medium-Radioactive Radon Type RADON or The Joint IAEA Convention on Safe Management of SNF and RAW

[WG 1 workshop] by Tajikistan – as soon as possible

Technical and Scientific Support Organizations (TSO) Providing Support to Regulatory Bodies: Challenges with their Establishment and Operation

[WG 3 workshop] by Tajikistan - as soon as possible

Regulatory system for remediation and decommissioning

[WG 4 workshop] by Russian Federation - as soon as possible

Review and assessment – training courses based on the results of the questionnaire conducted by JSC "VO "Safety" (RF) for different nuclear objects - NPPs, research, nuclear or other facilities or activities.

Challenges

- EuCAS - new and young network, quite large and have different level of development - *so different needs in different countries, members are not so well integrated with WG activities, but still many countries have joint interest and similar situation and challenges*
- EuCAS activities strongly affected by Covid - *some members did not have possibilities to attend virtual meetings, lower interest, quite passive participation, difficulties to activate some member countries – slow response*
- EuCAS activities before Covid-19 were organised and performed in excellent way - *very committed participation of most participants, with strong focus on needs and further activities*

How can the regional networks work together?

- Exchange the information with other networks about plans for activities as thematic webinars and topics for specific discussion at webinars facilitated by IAEA
- Share the experience and outcome from earlier activities of joint interests on:
 - Development and improvement of regulatory framework and infrastructure
 - How to approach effectively knowledge management and training
- Exchange of experience how to improve regulatory infrastructure through networking, dialog and cooperation the region and between countries with political tensions
- Exchange of experience how to assess regulatory needs related to management of safety aspects of nuclear and radiological facilities (including RWM, decommissioning, training, education national infrastructures, regulations)
- Exchange of experience how to customize education / training courses developed by IAEA for regulatory bodies, to the needs of different countries in the regions
- Exchange of experience from different peer review services (IRRS, ARTEMIS)
- Exchange of and on regulatory documents and other materials (language and geographical regions)
- Share the information what was working and what was not so good idea (thematic workshops with site visits – effective exchange of information and knowledge).
- It is necessary to have in person meetings for the efficient network building
- Virtual activities could be related to training courses and to support capacity building

Specific suggestions from EuCAS

- IAEA Annual Summer Remediation School - will help in capacity building in the region, for regulators, operators, NGOs and stakeholders - organized in Tajikistan
- IAEA Annual “School for drafting regulations” – continues needs to train regulators with specific focus - organized in Tajikistan
- Regular and quick exchange and share of news and information by all members via easy type of platforms (Whats up groups, telegram channels, or e-mails)
- More focus on opportunities for enhancing cooperation between regional and thematic networks, to exchange of information on current and planned activities, holding joint workshops, training courses, meetings on interesting topics
- More interactions between regional technical cooperation projects and activities and networks – share the experience how to gain synergy effect efficiently

Thank you for your attention !!!
Any Q&C