

The Global Nuclear Safety and Security Network (GNSSN)

17th GNSSN Steering Committee Meeting (Virtual Event)
06 - 07 December 2021

Mr. Nikolay GROZEV, Vice-Chairman of EuCAS Network
Mrs. Malgorzata SNEVE, Chair of EuCAS

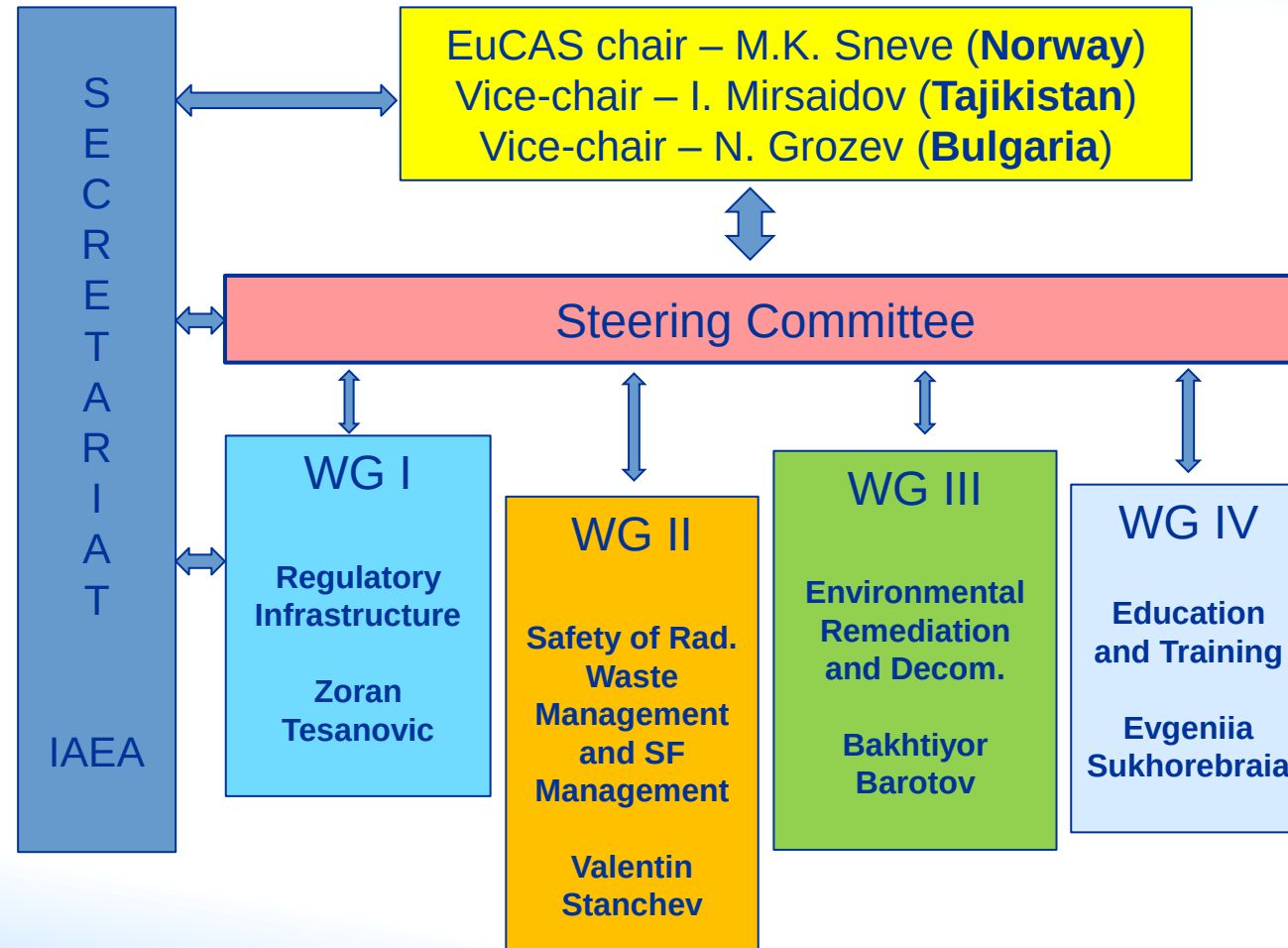
1. Achievements of the networks in 2020-2021
2. Workplan for 2022
3. Current challenges faced by the networks;
4. Any ideas on how the regional networks can work together;

European and Central Asian Nuclear Safety Network - EuCAS

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

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

The structure of the EuCAS network



National representatives in EuCAS Working Groups

WG I	WG II	WG III	WG IV
Regulatory Infrastructure	Safety of Rad. Waste Management and SF Management	Environmental Remediation and Decom.	Education and Training
Azerbaijan Bosnia and Herzegovina Lithuania Norway Serbia Slovakia	Azerbaijan Belarus Bulgaria Lithuania Moldova Norway Serbia Bosnia and Herzegovina	Azerbaijan Lithuania Norway Serbia Slovakia Tajikistan Bosnia and Herzegovina	Azerbaijan Belarus Lithuania Moldova Norway Russian Federation Serbia Slovakia Bosnia and Herzegovina

What about participation from:
Armenia, Belarus, Belgium, Czech Republic, France, Georgia, Germany, Greece, Kazakhstan, Kyrgyz Republic, Malta, Romania?

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

- 5th Steering Committee (SC) virtual meeting of EuCAS - 24-25 August 2020
 - 19 participants from 16 Member States, 4 IAEA experts
 - ToR for all WG
 - Questionnaire from WG4 with focus on training and education needs in member countries
- Website of EuCAS: <https://gnssn.iaea.org/main/EuCAS/Pages/default.aspx>
- 6th Steering Committee (SC) of EuCAS virtual meeting - 23-24 November 2020
 - 25 participants from 17 Member States, 4 IAEA experts
 - Presentation on Technical and Scientific Support Organization Forum (TSOF)
 - Discussion on working program

Achievements of the EuCAS in 2021

- 7th Steering Committee (SC) meeting of EuCAS: 7-8 July 2021 (virtual)
- Webinars:
 - An Introduction to IAEA Safety Standards on Protection of People and the Environment GSG-8, -9 and -10 (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 final comments and improvements to the ToR for each Working Group
 - ToR should include mission, strategy, objective and scope for each WG

Workplan and next steps for 2022

- Annual report for 2020-2021– *under development*
- 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
- Work program for each WG

Workplan and next steps for 2022

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

[WG 1 workshop] by Tajikistan

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

[WG 2 workshop] by Moldova

Regional Workshop on the Regulation and Management of Existing Facilities for the Predisposal of
Radioactive Waste

[WG 3 workshop] by Tajikistan

Regulatory system for remediation and decommissioning

[WG 4 workshop] by Russian Federation

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 not so well established yet, but:
 - joint interest
 - similar situation and challenges
- Since 2020 EuCAS activities strongly affected by Covid (*some members did not have possibilities to attend virtual meetings, lower interest, passive participation*)
- Difficulties to activate some member countries – slow response

How can the regional networks work together?

- To inform other networks about plans for activities like thematic webinars
- Exchange on specific topics facilitated by IAEA and other networks
- Provision of online training courses to support capacity building for regional networks
- Present the outcome from earlier activities and joint interests on:
 - regulatory framework and infrastructure
 - knowledge management and training
- Establish a meta network (GNSSN?) or better dialog between regional and other relevant networks

How can the regional networks work together?

Ideas and topics

- Exchange of experience how to improve regulatory infrastructure through networking, dialog and cooperation the region and between countries
- 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 and other)
- Exchange of and on regulatory documents and other materials (language)

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