



**IAEA**

International Atomic Energy Agency

# The Global Nuclear Safety And Security Network

Plenary Meeting

*Vienna, Austria, 24 September 2014  
Room C4*

## The Global Nuclear Safety and Security Network (GNSSN) Plenary Meeting



The Global Nuclear Safety and Security Network (GNSSN) plenary meeting took place on 24 September 2014. Over 100 participants from Member States and participating networks attended the event, which was organized on the sidelines of the 58th IAEA General Conference.

"The Network is a platform for the sharing of information among experts in order to achieve a higher level of safety and security at nuclear facilities around the world. It is instrumental in spreading best practices and ensuring continuous improvement in nuclear safety," Director General Amano told the gathered diplomats and experts. In his address to the plenary meeting, He confirmed the IAEA central role in helping Member States to ensure that nuclear and other radioactive materials are used safely, securely and sustainably.

Mr Massimo Garribba, Director for Nuclear Safety & Fuel Cycle, Directorate-General for Energy, European Commission, highlighted that the recently adopted Safety Directive<sup>1</sup> sets out new objectives and will be an instrument to harmonize nuclear safety in the European region. He also explained that Emergency preparedness, Waste and spent fuel management and safety culture are the main priorities and topics of cooperation for the European Commission. He concluded by affirming that "Nuclear safety and security concern all states because everyone can potentially be affected by the consequences of a major nuclear incident or accident. By supporting the GNSSN, we are supporting international efforts in this important domain".

Mr Lingquan Guo, IAEA, has introduced GNSSN progress and the IAEA strategic approach on GNSSN. He demonstrated that the network is moving from simple networking into partnership towards a real collaboration environment for individuals and organizations. The GNSSN survey results have shown that GNSSN members find GNSSN very effective in promoting their work and significantly effective in influencing the way they work. He pointed to the gathered diplomats and experts that GNSSN

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<sup>1</sup> [http://ec.europa.eu/energy/nuclear/safety/safety\\_en.htm](http://ec.europa.eu/energy/nuclear/safety/safety_en.htm)



challenge is to accommodate the diversity and the complexity of the national safety and security infrastructure. The IAEA Strategic Approach on the Global Nuclear Safety and Security Network addresses this challenge and provides a roadmap for individuals, organizations and Member States.

Nuclear Security Collaborative Networks have been introduced by Mr Tim Andrews, IAEA, to the participants along with the methodology to sustainably develop nuclear security capabilities. The Nuclear Security Support Centers are a key instrument to develop a sustainable collaborative framework to enhancing nuclear security regime in the member states. Mr Andrews has also emphasized that effective collaboration with universities and research institutions is the key to promote excellence in nuclear security education.

A side event took place during the GNSSN plenary to launch the Emergency Preparedness Network (EP-net)<sup>2</sup>. EP-net is an online platform aimed at connecting EPR professionals through a collaborative space. There are six professional sub-networks within EP-net: Emergency Planners, First Responders, Radiation Specialists, Medical Practitioners, Dose Assessment Experts, and Public Information Officers.

The main objectives of EP-net is to i) create a comprehensive and robust global focal point for collaboration and harmonization of global strategies and policies pertaining to the preparedness of radiation emergencies, by building strategic partnerships, dialogue and linkage between regional and thematic networks, such as regulatory authorities, national competent authorities (NCA), and professionals related to radiation emergencies and ii) establish a global collaborative web-based space for capacity building centers in preparedness to radiation emergencies; as well as a for education, training and Emergency Preparedness Review (EPREV) missions.

RegNet and FORO were also presented to the delegates and member states representatives. Mrs Nacic, IAEA, has explained how RegNet and its networks have become instrumental not only, in sharing knowledge and best practices, but also in developing new approaches and methodologies. She also confirmed that RegNet is actively used for effective development of projects and implementation of IAEA activities in real time. For FORO, Mr de los Reyes explained the regional priorities in the Ibero-American region and FORO's interaction with other regional or international organizations.

Ms Ruth Morgart, IAEA, has explained during her presentation the importance of the GNSSN communication and outreach strategy and its role in achieving the GNSSN strategic goals. The new developed communication network under GNSSN will help professionals to have a collaborative platform where they can share knowledge and

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<sup>2</sup> <http://gnssn.iaea.org/sites/auth/RegNet/EPaR/SitePages/Home.aspx>



develop capacity building activities for other members.

Mr Repussard, during his presentation explained the key role of TSOs in the national nuclear safety and security infrastructure and the aims, objectives and working methods of the TSO-forum. Mr Repussard has demonstrated that nuclear safety is science based and that it requires networking to pull experts together and to harmonize nuclear safety practices. In addition, he made several references to emergency preparedness and response emphasizing that the response to the radiological phase of an emergency is also very much science based.

During the plenary a discussion took place about EPR and the role of TSOs. The TSO representatives mentioned that the Role of the TSOs in the preparedness phase is very relevant. The development of international capabilities through networking to harmonize the approaches was welcomed but it was also recognized that there are several tools used and there is a need to develop an interface between them. The IEC representative made also reference to the Response and Assistance Network (RANET) and the extended mandate of IAEA on assessment and prognoses after the Fukushima accident.

Mr Raoul Awad, GNSSN Chairman, acknowledged the central role of the IAEA in coordinating the GNSSN activities at the international, regional and national level. He also welcomed GNSSN's great contribution for providing a dynamic forum to various international regional and thematic networks for sharing knowledge and enhancing cooperation. He indicated that GNSSN is an efficient tool for harmonization and strengthening of global efforts towards safety and security of nuclear installations and developing a meaningful interface between safety and security.

Mr Denis Flory, IAEA-DDG, has concluded this meeting by thanking all the donors and partners, namely: the European Commission, USA, Canada, Korea, Japan, China and all the donors (for their in-kind contribution). He underlined that “the GNSSN will lead in the continued efforts of the Agency to disseminate to Member States lessons learned from the Fukushima Daiichi accident for further progression and implementation in their own national nuclear safety and security infrastructures”.

**Attachments:**

- Agenda**



## Plenary Meeting of the Global Nuclear Safety and Security Network

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24 September 2014, Vienna, Austria  
Meeting Room: **C4, C building, seventh floor**

### **AGENDA**

#### Wednesday, 24 September 2014.

- 09:00 09:15            Opening Session
- *Welcome by Mr Y. Amano–DG, IAEA*
  - *Welcome by Mr R. Awad, Chairman GNSSN*
- 09:15-09:35            EU: Enhancing Global Nuclear Safety and Security–*Mr. Garribba, DG-Energy*
- *Priority Areas*
  - *International cooperation*
  - *IAEA-EC Joint actions*
- 09:35-10:00            GNSSN Progress– *Mr L. Guo, IAEA*
- *IAEA Strategic Approach on GNSSN*
  - *Structure*
  - *Challenges*
  - *Mid-term actions*
  - *Selected activities of ANNuR, ANSN, FNRBA*
- 10:00-10:15            Nuclear Security Collaborative Networks, *Mr Tim Andrews, IAEA*
- 10:15-10:45            **Break**
- 10:45-11:00            RegNet Progress– *Ms A. Nicic, IAEA*
- *IRRS*
  - *RCF*
  - *Embarking countries portal*
  - *Senior Regulator Forums for CANDU and WWER*
- 11:00-11:15            GNSSN Communication and Outreach Plan- *Ms R. Morgart*
- 11:15-11:45            FORO: Enhancing Radiation Protection and Nuclear Safety in Ibero-America  
– *Mrs. Susana Petrick, IPEN & Mr Alfredo de los Reyes, CSN*
- *Effective regional cooperation platform*
  - *Regional priorities*
- 11:45-12:15            Promoting science-based safety: Aims, Objectives and Working Method of the TSO Forum- *Mr J. Repussard, IRSN*



12:15-12:45

Discussion

12:45: 13:00

Summary and closing

- *Mr R. Awad–GNSSN Chairman*
- *Mr D. Flory–NS-DDG IAEA*