

**for information**

**G7 NSSG took note about the  
status and development of GNSSN**

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## GNSSN today (public area)

IAEA NUCLEUS

IAEA GNSSN Global Nuclear Safety and Security Network

Search this site

GNSSN Home Global Networks Regional Networks Thematic Networks Members Area (Sign In) Sitemap

Country Information

GNSSF

Stakeholders

Organizations and Bodies

Partner Organizations

Operators

RegNet

Nuclear Industry

Technical and Scientific Organizations

News Media, NGOs

Info Resources

Conventions

Codes of Conduct

Safety Standards

Security Guidance

Peer review and Appraisal Services

Education and Training

Conferences and Workshops

EC-IAEA Cooperation in the Field of Nuclear Safety



### Global Nuclear Safety and Security Network

The globally accessible GNSSN website is a set of existing networks and information resources that support work related to nuclear safety and security. GNSSN, provides open access to general information on nuclear safety and nuclear security on a common, collaborative platform designed so that experts can exchange and share information easily and quickly. [More >>](#)



#### GNSSN News

The second edition of the [GNSSN Highlights](#) was published on July 2nd 2015. It contains news about the most important recent events within the GNSSN networks, regional networks' updates, etc.

Please [click here](#) to go to the [GNSSN Highlights Archive](#).

#### Links of Interest

- [How to register for the GNSSN Services](#)
- [The Regulatory Cooperation Forum - RCF](#)
- [The National Nuclear Regulatory Portal - NNRP](#)
- [The International Nuclear and Radiological Event Scale - INES](#)
- [Superseded Safety Standards](#)
- [Action Plan](#)

## Role of the NSSG

- INSAG recommend in its strategic advise (INSAG-21) to establish and strengthen the Global Nuclear Safety Regime (2006);
- IAEA request the NSSG to review this topic more in detail (considering experience, challenges and new opportunities) (2007);
- NSSG discuss in 2007 under German Presidency (between their members and the IAEA) the strategic and operational aspects of the implementation of the INSAG advise;
- Germany (BMU/GRS) took an important role, considering the national experience (development of a national portal for nuclear safety), using the regional experience of supporting the establishment of ANSN and discussing on international level the RegNet idea (as network for international regulatory cooperation);
- Some of the outcomes:
  - GNSR becomes GNSSF; GNSN becomes GNSSN
  - **GNSSN is today the key tool of knowledge networking and collaboration on global, regional, thematic and national level**

**Excerpt from the G8 NSSG Report 2007** (official part of the G8 Summit documentation, 2007 Germany, Heiligendamm)

## **Global Nuclear Safety Network**

- “We will continue to strengthen the **Global Nuclear Safety and Security Partnership**.
- We will support the further enhancement of the evolving **web-based systems and networks for information exchange and co-operation in nuclear safety matters**, as
  - implementation of nuclear conventions,
  - co-operation on safety standards, and
  - harmonization of safety approaches,
  - exchange of operational experience and
  - resolution of generic nuclear safety issues.
- This evolving global nuclear safety network is based on considerable work of international organizations in particular the IAEA and OECD-NEA. It will substantially **contribute to maintain competence** and to continuously **develop effective protection against nuclear hazards**.
- We note the efforts for the collection and dissemination of regulatory information, actions, initiatives and lessons learned as an appropriate means to **strengthen** the effectiveness of national **nuclear safety and security regulators**.”

## Development of the GNSSN as cornerstone of GNSSF

### Resolution on Nuclear Safety of the 59th GC:

- 12. Encourages Member States to actively participate in the Global Nuclear Safety and Security Network (GNSSN) and requests the Secretariat to continue to strengthen its effort in maintaining and developing the GNSSN, including the development of the knowledge platforms;
- 5. Welcomes the establishment of regional safety fora and related networks, requests the Secretariat to continue assisting such fora and networks, encourages Member States to join relevant regional safety fora and networks, and to participate and work in cooperation with other members so that the benefits of membership can be fully realized;

### DG Amano at the GNSSN Plenary, as side event of the 58<sup>th</sup> GC

- GNSSN 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.”

**Similar statement about GNSSN are made at the previous GCs and other events.**

# GNSSN today (authorized area, example German NNRP)

IAEA NUCLEUS Durchsuchen Seite
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German Version

Responsibilities and functions of the government

Global Safety Regime

Responsibilities and functions of the regulatory body

Reference and other useful information

Regulatory Knowledge Base

National nuclear safety regulations

Review Missions

IRRS

OSART


Event Reporting&Feedback

Experience Feedback (OEF)

Generic Safety Issues (GSI)

German Portal for Nuclear Safety (authorized)

LINKS BEARBEITEN



## National Nuclear Regulatory Portal – Germany

This Country Site is the Entry Page to the national network and presents an entry to the various fields of nuclear safety from the point of view of responsible authorities and expert organizations. It is also facilitate entry to information resources organizations carrying responsibility in the field of nuclear safety. There already exist detailed subject portals for some specific fields.

### General Country Information

**National Reports**

- CNS Reports
- JC Reports

**Legislative and Governmental Structure**

- Federal System in Germany

**Organisations and Committees**

- Authorities
- Advisory Organs
- Expert Organisations
- Research and Development
- Operation
- Industry
- Groups and Interests
- Regulation

**Geographic Information**


- Geography and Map of Germany

**IAEA Databases**

- CNPP - Germany
- PRIS - Germany
- INFCI - Germany
- NEWMDB - Germany
- RRDB - Germany


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### Legislative and Governmental Structure



In the German basic law it is stated which legislative and which executive powers the Bund and the Länder have. Generally speaking the Bund has the power of legislation, whereas the Länder have the power to execute the law (the power of administration). (... more)


### Responsibilities of the Authorities



The federal supervision is carried out by the Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB). It is assisted by the Federal Office for Radiation Protection (BfS), the Reactor Safety Commission (RSK) and the Radiation Protection Commission (SSK) as well as by Gesellschaft für Anlagen und Reaktorsicherheit (GRS), an expert nuclear safety organisation. (... more)

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### Radiation and Nuclear Facilities and Activities



This part of the NNRP presents an overview of the radiation and nuclear facilities and activities, divided into the following categories:

- Nuclear power in Germany before and after the Fukushima accident
- Post-Fukushima activity
- Nuclear Power Plants
- Research Reactors

## Statement in the NSSG Chairs Summary (October meeting 2015)

- Based on the strategic advice of INSAG and the support of strategic and operational aspects agreed by the NSSG in 2007 the IAEA and its member states developed and strengthened global and other networks successfully.
- The Global Nuclear Safety and Security Network (GNSSN) is today the key tool of knowledge management and effective collaboration on global, regional, thematic and national level.
- The NSSG highlighted the excellent opportunities of knowledge and information sharing as well as collaboration features of GNSSN.
- The NSSG continues to support the development and use of the GNSSN to achieve a higher level of nuclear safety and security worldwide.