

GNSSN IT Development and Challenges, Improvements of some elements

11th GNSSN Steering Committee Meeting

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H. Teske (Germany)

Some activities performed by Germany and the GNSSN Secretariat

- GRS initiative to Update the “forgotten” General Country Information as part of GNSSN
- IAEA and German activities to develop National Nuclear Safety Knowledge Platforms under GNSSN
- One vision for the future

Update General Country Information on the GNSSN (I)

- The main purpose of the General Country Information page is to collect at one place publicly available general nuclear safety information of Member States.
- This information was made assessable at the GNSSN main site. After migration from SP2010 to SP2013 you can't find it easily (link → [What is GNSSN](#); → [Country Information](#)). I asked our GNSSN IT colleagues to make it more visible again.
- What is the content of this general information? You will get links for each country to:
 - web sites of the [National Regulatory Bodies](#) and the [Responsible Bodies for Atomic Energy](#),
 - [National Reports](#) (CNS, JC, INIR and IRRS),
 - [IAEA Databases](#) (CNPP, NEWMDB, PRIS, UDEPO and NFCIS) and
 - [Public Information Services](#) (WNA, NEA and OECD)
- **We checked and updated the links of the 56 GNSSN country profiles ([→ list](#))**

Country Information

This page contains the links to the web sites of the [National Regulatory Bodies](#) and the [Responsible Bodies for Atomic Energy](#) as well as available [National Reports](#) (CNS, JC and IRRS), the links to the [IAEA Databases](#) (NNRP, CNPP, NEWMDB, PRIS and NFCIS) and [Other Information Services](#) (WNA, NEA and OECD).

Note: if you encounter incorrect or outdated data on this page or if you think you could complement it, please be so kind and send the right information to the [GNSSN web administrators](#). Your feedback is very much appreciated. Thank you !

Boldface indicates countries with NPPs

A-F	G-N	O-S	T-Z
 Argentina	 Armenia	 Australia	 Austria
 Bangladesh	 Belarus	 Belgium	 Brazil
 Bulgaria	 Canada	 Chile	 China
 Croatia	 Czech Republic	 Denmark	 Egypt
 Estonia	 Finland	 France	

Update Country Information on the GNSSN (II)

GNSSN country profile - Germany

Flag		
Country	Germany	
Authorities	National Regulatory Body	Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety (BMUB)
	National Body Responsible for Atomic Energy	Federal Ministry for Economic Affairs and Energy (BMWi)
National Platform	National Nuclear Safety Knowledge Platform (NNSKP) - with access request	
National Reports	Member State website	National Platform (with access request)
	CNS Reports	
	1999	1999
	2003	2003
	2011 Follow-up mission	2011 Follow-up mission
IAEA Databases	Country Nuclear Power Profile (CNPP)	
	Net-Enabled Radioactive Waste Management Database (NEWMDB)	
	Power Reactor Information System (PRIS)	
	Uranium Deposits (UDEPO)	
	Integrated Nuclear Fuel Cycle Information System (NFCIS)	
Other Information Services	WNA Country Profile	
	NEA Country Profile	
	OECD Country Profile	

Germany Nuclear Regulatory Profile
 Radiation and nuclear facilities and activities
 Responsibilities and functions of the government
 Global Safety Regime
 Responsibilities and functions of the regulatory body
 References and other useful information
 Regulatory Knowledge Base
 National nuclear safety regulations
 National State (Germany)
 (National State Information)

National Nuclear Safety Knowledge Platform – 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 or organizations carrying responsibility in the field of nuclear safety. These areas most detailed subject portals for some specific fields.

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 (power of administration) [...].

Responsibilities of the Authorities

General Country Information
 - CNS Reports
 - ICR Reports
 - Legislative and Governmental Structure
 - Federal System in Germany
 - Organizations and Committee
 - Authorities

IAEA PRIS - Germany

Name	Type	Status	Location	Reference (last Power [MW])	Electric Capacity (MW)	First Grid Connection
AWR JUELICH	HTR	Permanent Shutdown	JUELICH	13	15	1967-12-17
BIBLISA	PHWR	Permanent Shutdown	BIBLIS	1407	1225	1974-09-25
BIBLIS	PHWR	Permanent Shutdown	BIBLIS	1340	1330	1974-04-25
BRUNBUETTEL	SWR	Operational	OTTENDRE	1410	1400	1986-10-14
BRUNBUETTEL	SWR	Permanent Shutdown	BRUNBUETTEL	771	808	1970-07-13

Germany
 Nuclear Power Reactions
 Under Construction: 0
 Operational: 8
 Long Term Shutdown: 0
 Permanent Shutdown: 28

Annual Electrical Power Production
 Total Electricity Production (including Nuclear): 610480.00 GW.h (Oct. 2016)
 Nuclear Electricity Production: 80069.60 GW.h (Oct. 2016)

Electricity Production Share in 2016
 Nuclear: 13.0%
 Non-Nuclear: 87.0%

International Energy Agency
 Germany is a founding member of the IEA.
 Most recent Key Energy Data
In-depth country review
 Since the IEA previously released Germany's energy policies in 2003, the country took two fundamental policy decisions that will guide its energy policy in coming decades. In September 2016, the federal government adopted the Energy Concept, a comprehensive new strategy for a long-term integrated energy pathway to 2050. Following with the Fukushima Daiichi nuclear accident in March 2011, Germany decided to accelerate the phase-out of nuclear power by 2022 starting with the immediate closure of the eight oldest plants. This decision resulted in the adoption of a suite of new policy measures and determined renewable energy as the cornerstone of future energy supply. A set of policy instruments commonly known as the Energiewende...
 In order to achieve the ambitious energy transformation set out in the

IAEA and German activities to develop National Nuclear Safety Knowledge Platforms under GNSSN (→ [national platforms](#))

- We are continuing to Support the Member States in developing their National Platforms. Progress is visible but we are ready to do more and to support other volunteers



One vision (and it becomes now our mission) for the future

- Preparation of the German NNSKP as a pilot platform to make the NNSKP SharePoint site accessible to the public (anonymous - outside the restricted area; users can access content on the platform without authenticating)
- We would urge the other countries to make their NNSKPs also available at the public area of GNSSN (lets start with at least 20 already available platforms)

