RegNet Upgrade Project

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About RegNet

• The International Regulatory Network (RegNet):
  – is a Portal for web based international cooperation among nuclear safety and security regulators.
  – has been designed to support national and international actors in sharing of regulatory knowledge, practices and information among, as well as in fostering collaboration on nuclear safety and security matters.

• The overall objective is to ensure that Nuclear Safety & Security knowledge, experience and lessons learned are made available and more visible.

• RegNet is an information and collaboration platform within the Global Nuclear Safety and Security Network (GNSSN)

• RegNet is expected to provide more in-depth / technical information to users of the IAEA website (IAEA.org)

• RegNet was launched in Oct. 2008 and through continuous improvement is now undergoing further development to enhance its effectiveness.
Project overview

• **Project goal**: to enhance RegNet’s performance and functionality

• **Project objective**: to develop an enhanced version of RegNet that:
  
  – Provides for logical, up-to-date, accessible and technically sound structure
  
  – Facilitates networking and information sharing
  
  – Is consistent with the IAEA visual brand of public-facing websites
Project overview

• **Project scope:**
  - RegNet website and subsites, including public and restricted areas
  - Development of guidelines and strategies for content management and maintenance - Governance Plan

• **Phases:**
  1. Review and development of public domains
  2. Review and development of restricted domains
  3. Development of guidelines and strategies for content development and maintenance
Project overview

- **Content**: Review content and add, update or delete information, as appropriate

- **Structure**: Review structure flow and logic, following sound technical basis – Address the need for additional thematic areas

- **Design**: Harmonize appearance across RegNet, while ensuring consistency with IAEA’s visual identity and use of logos

- **IT Development**: SharePoint 2013

In consultation with Agency’s stakeholders, including TO’s from across the Department of Nuclear Safety & Security (NS) – support and commitment
Project overview - Content

• Content Review:
  – Initially: restructure, update and / or delete content, as required (outdated publications, video-presentations, images, links, etc.)
  – Review and manage hidden content: 274 Items (sub-sites, documents, entries, etc.)
  – Content migration (IAEA.org)
  – Review and develop content for existing and newly created areas
Title: Embarking on Nuclear Power Programmes

Overview:
A nuclear power programme requires careful planning, preparation and a major investment in both time and resources. A decision to embark on a nuclear power programme represents a long-term commitment to safety and requires national and organisational infrastructure that will remain effective for the duration of the programme, including waste management and decommissioning.

The IAEA’s Specific Safety Guide on Establishing the Safety Infrastructure for a Nuclear Programme (SSG-16) provides guidance on how States considering introducing a nuclear power programme can build safety infrastructure in line with IAEA safety standards. An IAEA methodology called Integrated Review of Infrastructure for Safety (IRIS) supports Member States as they assess their national infrastructure for safety on the basis of SSG-16.

The table below contains information about IAEA relevant publications on establishing safety infrastructure for nuclear power. IRIS self-assessment methodology, cooperation with other organisations and networks to assist embarking countries in establishing a safety infrastructure for nuclear power, IAEA review services connected to establishing safety infrastructure for nuclear power, and IAEA education and training means and material available to assist embarking countries in developing a safety infrastructure for nuclear power.

Note: links to IAEA.org will be added in due course.

Tabs:
Self Assessment
The IAEA has developed IRIS (Integrated Review of Infrastructure for Safety) methodology and software tool to support Member States in the self-assessment of their safety infrastructure for nuclear power against the IAEA Safety Guide SSG-16.

For further information and to download IRIS software, please visit IAEA website at REGNET.

Note: links to IAEA.org and REGNET to be provided later.

Cooperation
The IAEA cooperates with other programmes, international organisations and forums of regulators to assist Member States embarking in nuclear power in establishing their safety infrastructure for nuclear power. The following are some examples of on-going cooperation.

Regulatory Cooperation Forum
The activities of the Regulatory Cooperation Forum include supporting embarking countries to develop effectively independent and robust nuclear safety regulatory. The forum brings together...
Project Overview - Structure

The International RegNet - The International Regulatory Network

Networks - The International Regulatory Network

Selected Upcoming Activities

Current View ... Find an Item

There are no items to show in this view of the "Announcements" list.

Past Activities

Current View ...

21-24. October 2013 3rd NNRP Workshop ... GRS, Berlin
23-24. September 2013 CS on RegNet and NNRP ... GRS, Garching
17-19 June 2013 TM on the International Regulatory Network (REGNET)
10-12 June 2013 2nd NNRP Workshop ... VIC, Vienna
4-7 March 2013 CS on the International Regulatory Network (REGNET)
28-31 January 2013 Technical Meeting on The Integrated Regulatory Review Service Team Leaders for sharing experience and improving the implementation of the service

https://gnssn.iaea.org/regnet/default.aspx
Project overview - Structure

Restricted / Members Domains

Embarking Countries

National Nuclear Regulatory Portal (NNRP)

Steer. Comm. on Comp. of HR for RB

Integrated Regulatory Review Service (IRRS)

Regulatory Cooperation Forum (RCF)

SMR Regulators’ Forum

RegNet Meetings
Project Overview - Structure

Organization, Management and Staffing of the Regulatory Body for Safety
General Safety Guides
No. GSG-12

Functions and Processes of the Regulatory Body for Safety
General Safety Guides
No. GSG-13
Project overview - Design

Integrated Regulatory Review Service (IRRS)

The International Atomic Energy Agency (IAEA) Integrated Regulatory Review Service (IRRS) is a peer review service designed to strengthen and enhance the effectiveness of national regulatory infrastructure for nuclear, radiation, radioactive waste and transport safety and the security of radioactive sources. While recognizing the ultimate responsibility of each State to ensure safety in these areas, the IRRS process sets out to accomplish this expressed purpose through consideration of both technical and policy issues of a regulatory nature against IAEA safety standards and, where appropriate, good practice elsewhere.

Quick Links
- How to request IRRS
- Related Publications and Documents
- Self-Assessment
- FAQ

Contact IRRS Team
Project overview - Design

Embarking Countries on Nuclear Programme

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The tabs below contain information about IAEA relevant publications on establishing safety infrastructure for nuclear power, IRIS self-assessment methodology, cooperation with other organizations and networks to assist embarking countries in establishing a safety infrastructure for nuclear power, IAEA review services connected to establishing safety infrastructure for nuclear power and IAEA education and training means and material available to assist embarking countries in developing a safety infrastructure for nuclear power.

Quick Links
- Integrated Regulatory Review Service (IRRS)
- Regulatory Cooperation Forum (RCF)
- Small Modular Reactor (SMR) Regulators' Forum
- CANDU Senior Regulators Forum
- Regulatory Competence Management (RCM)

Related Documents
- IAEA Safety Guide SSG-16
- IRIS Guidelines

For further information and to download IRIS software, please, visit IRIS web page at REGNET.

https://gnssn-qa.iaea.org/regnet/Pages/default.aspx
Project overview – Next steps

- Finalize development of structure and design for public domains
- Finalize development and review of content
- Release pilot version of RegNet and collect feedback
- Initiate development of structure and design for restricted areas
- Develop RegNet related documentation - governance
- Release RegNet
RegNet Project - Challenges

- Dedicated resources - Project
  - Human: IT + Content development
  - Financial

- IT options / opportunities
  - GNSSN
  - SharePoint

- Current content provisioning and management process – governance
  - RegNet and IAEA.org interface: Preserving RegNet’s identity
    - Content and resources
  - Efficiency: CA editing
  - Sustainability

- Project Plan – milestones, deadlines?: Policy and Resources
RegNet Project - Opportunities

• Provide a platform for:
  – Regulatory Cooperation Forum (RCF):
    • Information / Knowledge management
    • Hub for communication / information exchange
    • As well for the IRRS
  – Resources for Embarking Countries
  – Information on Projects; e.g. NOROM
  – Information management; e.g. IRRS, CS, TM, WS, etc.
  – Workplace
Thank you!