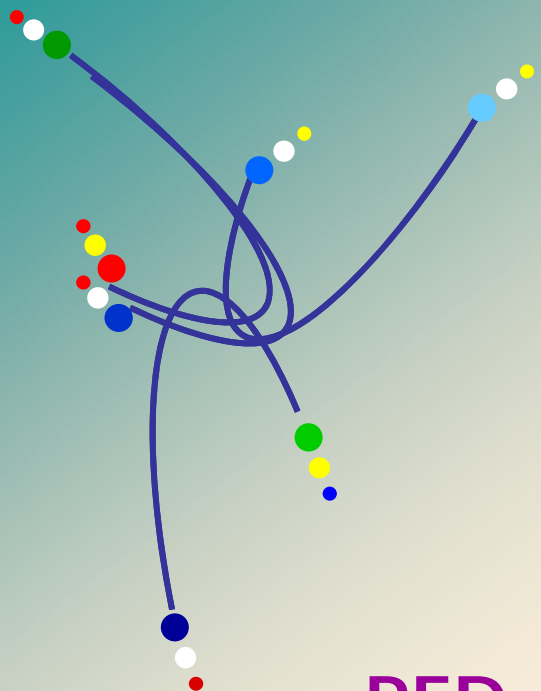




# FORO



Foro Iberoamericano de Organismos Reguladores Radiológicos y Nucleares



# RED: the Iberomeric Nuclear and Radiation Safety Network



Javier Ramón

1st GNSSN Steering Committee  
2-4 April 2012, Vienna (Austria)



Foro Iberoamericano de Organismos Reguladores Radiológicos y Nucleares



# About FORO

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## what it is

an Association of Iberoamerican Radiological & Nuclear Regulatory Authorities created in 1997.

Initially based on similarities among the nuclear programs in place, similar languages and similar cultural features

## its aim

to promote radiological and nuclear safety and security at the highest level in the region

## its official language

Spanish

[www.foroiberam.org](http://www.foroiberam.org)



# Members of FORO

Argentina



Autoridad **R**egulatoria **N**uclear

Brazil



Comissão **N**acional de **E**nergia **N**uclear

Chile



Comisión **Ch**ilena de **E**nergía **N**uclear

Cuba



Centro **N**acional de **S**eguridad **N**uclear

Spain



Consejo de **S**eguridad **N**uclear

Mexico



Comisión **N**ac. de **S**eguridad **N**uclear y **S**alvaguardias

Peru



Instituto **P**eruano de **E**nergía **N**uclear

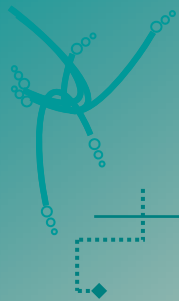
Uruguay



Autoridad **R**eguladora **N**acional en **R**adioprotección

[www.foroiberam.org](http://www.foroiberam.org)

**FORO**



# FORO's Activities

## main activity

**Plenary Meetings** (top regulators).  
Experience sharing at the highest level

## technical activities

A program focused on main areas is coordinated and supervised by the **Executive Technical Committee** (Steering Committee)

## institutional and technical relations

With other regional and international institutions sharing similar objectives:

**IAEA, WHO, PAHO, SEGIB**



# FORO's Technical Program

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## scientific secretariat

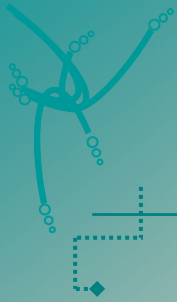
Relevant technical projects are being funded by FORO through an **IAEA's Extra Budgetary Program (EBP)**

## independence

Priorities for projects are given to **national and regional needs**

## areas

A number of technical areas such as **Nuclear Safety, Radiological Protection, Control of Radiological Sources, Emergencies Preparedness, Protection to Patients, Transport of Radioactive Materials, etc.**



# La RED: Iberoamerican Network

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Bearing in mind its statutory objectives the FORO has assigned the highest priority to the development of an **Iberoamerican Knowledge Sharing Network (RED)** as the **main tool** to facilitate and enhance **knowledge sharing** among its members, the staff from other regulatory agencies and public in general.



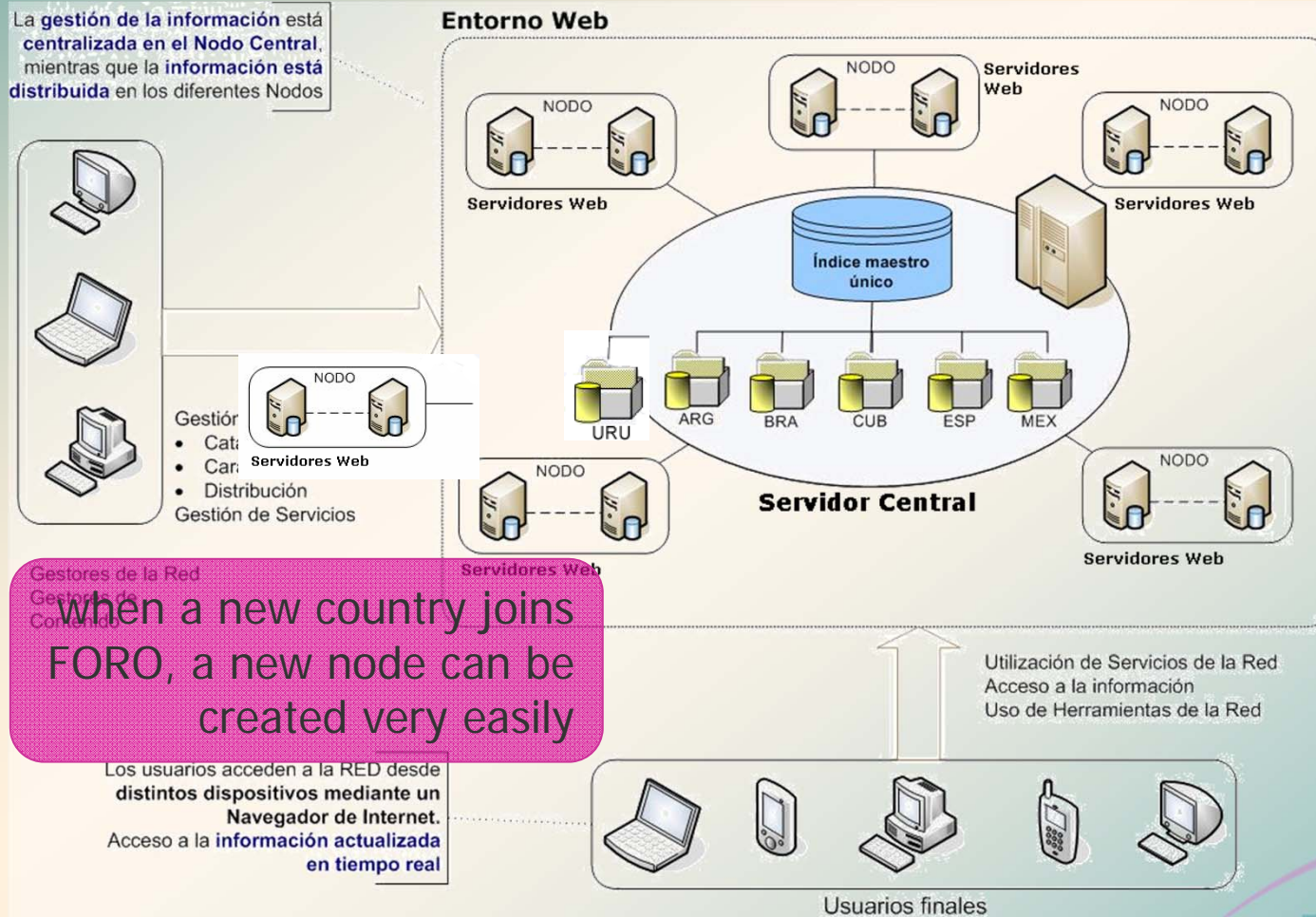
## Design guidelines of the Network (RED)

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- To introduce FORO institutionally
- To effectively share knowledge and information of regulatory interest, among members
- To contribute to the development of national systems of regulation in all Iberoamerica
- To store and share information among participants in FORO's projects to develop the technical activities
- The technological solution to be based on its needs and priorities
- To be developed, operated and maintained by the FORO members



# Iberoamerican Network (RED) structure





# Network structure

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The Network topology allows

- Optimization of resources
- Adaptability to different users
- Online information updating
- Use of standard technology
- Modular structure
- Compatibility with other networks



# Network structure

3 major areas

**institutional area**

**Explanatory about the FORO:** members, events, news, etc.

**Accessible to the public**

**document  
management  
area**

**Regulatory information:** regulations, procedures, training courses, technical documents, etc

**Accessible to the public**

**working  
environment for  
the experts of  
specific projects**

**Working material** from the working groups: draft documents, minutes, discussion issues...

So far, **only accessible to members of FORO**

- Acerca del Foro**
- Inicio
- Estatuto
- Misión y Visión
- Miembros
- Organigrama
- Hitos
- Actividades Institucionales
- Noticias
- Preguntas Frecuentes
- Programa técnico
- Contacto

- Gestion del conocimiento**
- Gestor documental
- BÚSQUEDAS**
- Listado de Entornos de Trabajo
- Acceso a Entornos de Trabajo

**Usuarios registrados**

Introduzca su nombre de usuario y contraseña:

Usuario:

Contraseña:

**NUESTRAS**

... regulador...  
... y extensión de vida de  
Centrales Nucleares



Atucha I y II  
Argentina



Angra I y II  
Brasil



Almaraz  
España



Laguna Verde  
Mexico

... reguladores para la gestión  
de mantenimiento y la operación  
de centrales nucleares.

::: INFORME DT1

Guía de evaluación de gestión de  
operación y mantenimiento a largo plazo de las centrales  
nucleares.

::: INFORME DT2

Guía de inspección de gestión de

**PUBLICACIONES**



**Aplicación del método de la matriz de riesgo a la radioterapia.**

Informe del Proyecto sobre Recomendaciones de seguridad de las instalaciones radiactivas de radioterapia, basadas en la experiencia operacional (lecciones aprendidas) y los resultados de los estudios de APS.

::: INFORME VOLUMEN 1  
::: INFORME VOLUMEN 2



**Noticias Destacadas**

**La Autoridad Regulatoria Nuclear de la Argentina y su con...  
con la Comunidad**

En el marco de las acciones de mejora de la gestión en la provisión de los servicios  
ciudadanía que lleva ... [+]

08/09/2011

news

institutional information

document management area

working environment

news



## Second version of RED

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- Guidelines to develop new version
  - Create a new institutional web page with a **new design** more striking and attractive
  - To emphasize the improvement of **collaboration** between specialists located far apart geographically
  - In addition to **maintaining** and **improving** the already existing functionalities
- Available a tool for **virtual meeting**
- In progress is the selection of the company & solution to develop and implement **new web application** to cover the rest of requirements



## Some numbers...

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- Information: **1,587** national regulatory documents  
(norms, technical documentation...)  
**7** FORO documents from Projects  
**22** news from 1<sup>st</sup> January 2011
  
- Costs: **225.000\$** first version of RED  
**3,000\$** Server in Brazil  
**130,000\$** second version of RED (prevision)
  
- Resources: **1,500h/year** aprox. (GTI + GII)



## More information

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[www.foroiberam.org](http://www.foroiberam.org)

[info@foroiberam.org](mailto:info@foroiberam.org)

*Thank you very much.*