

# Argentina

IYNC BoD Meeting, Jun. 15<sup>th</sup> 2013, Stockholm



Adriana Alejandra Sivori,  
Argentinean Representative



# Basic Facts - Argentina

No current young nuclear organization in Argentina. However, there is a high interest in the creation and development of an Argentinean Young Generation Association:

- To promote and improve the nuclear network connections through both national, regional and international collaboration
- To facilitate the spread of knowledge and expertise among young professionals
- By following the examples and experiences of other similar associations around the world



# Nuclear Outlook - Argentina

## Argentina, a nuclear country:

- Strong interest in nuclear industry, R&D and medical applications.
- The first South American country to use nuclear energy.
- Two operating nuclear plants (Atucha I and Embalse) supplying 5% of the country's electricity, and a third plant (Atucha II) expected to be connected to the electrical grid during 2013.
- Today, six research reactors are operated by CNEA and others. CNEA and INVAP have constructed 4 research reactors abroad (Peru, Algeria, Egypt and Australia) and there is a plan to construct two RR in Argentina and Brazil.
- Construction of CAREM-25 reactor, a 25MWe-prototype of a PWR SMR.



# Nuclear Outlook - Argentina

## Argentina, a nuclear country:

- A quite complete national fuel cycle: available uranium resources, mill complex and refinery producing uranium dioxide, small 200 t/yr capacity conversion plant, 20 t SWU/a capacity gaseous diffusion pilot plant, fuel fabrication plant for national consumption, heavy water production, no reprocessing, low and intermediate-level wastes storage including used fuel from research reactors and spent fuel wet storage for commercial plants, as well as dry storage at Embalse NPP.
- Four major nuclear complexes and various jointly-owned companies operate under the CNEA.



# Activities - Argentina

The main objective is to develop a national association for young professionals. Among the planned activities for the organization are:

- Organize lectures, conferences and/or seminars related to scientific and technical nuclear topics, easing information dissemination.
- Improve communications related to new nuclear technology applications, innovative programs, trainings, etc.
- Facilitate of national interactions and cooperation among entities.
- Promote international collaboration.



# Argentina

IYNC BoD Meeting, Jun. 15<sup>th</sup> 2013, Stockholm



Thank you very much for your attention!

