

# **INTERNATIONAL CONFERENCE ON OCCUPATIONAL RADIATION PROTECTION 1- 5 DECEMBER 2014 VIENNA, AUSTRIA**



**AUTORIDAD REGULATORIA NUCLEAR**

**M.Sc. Eng. Lucía Isabel Valentino**  
***Ivalentino@arn.gob.ar***



Autoridad Regulatoria  
Nuclear  
Presidencia de la Nación Argentina

**Nuclear Regulatory Authority –  
30 years building  
competencies in Radiological  
Protection in Latin America**

***Focus on Occupational Radiological  
Protection***



# Education & Training for Safety

E&T, 50 years experience building competencies in Radiological Protection and Nuclear Safety (RP&NS)

**1950**

- **National Atomic Energy Commission**

**1994**

- **National Nuclear Regulatory Entity**

**1997**

- **Nuclear Activity Law – Nuclear Regulatory Authority (NRA)**

# Towards Specialization Careers

**1977**

- **Internal E & T**

**1981-  
2003**

- **Post Graduate Course in RP & NS**
- **Radiological Protection Technical Level (RPTL)**

**2003 -  
2013**

- **Division in two Postgraduate Courses - *RP & Safety of Radioactive Sources (SRS) and Nuclear Safety***

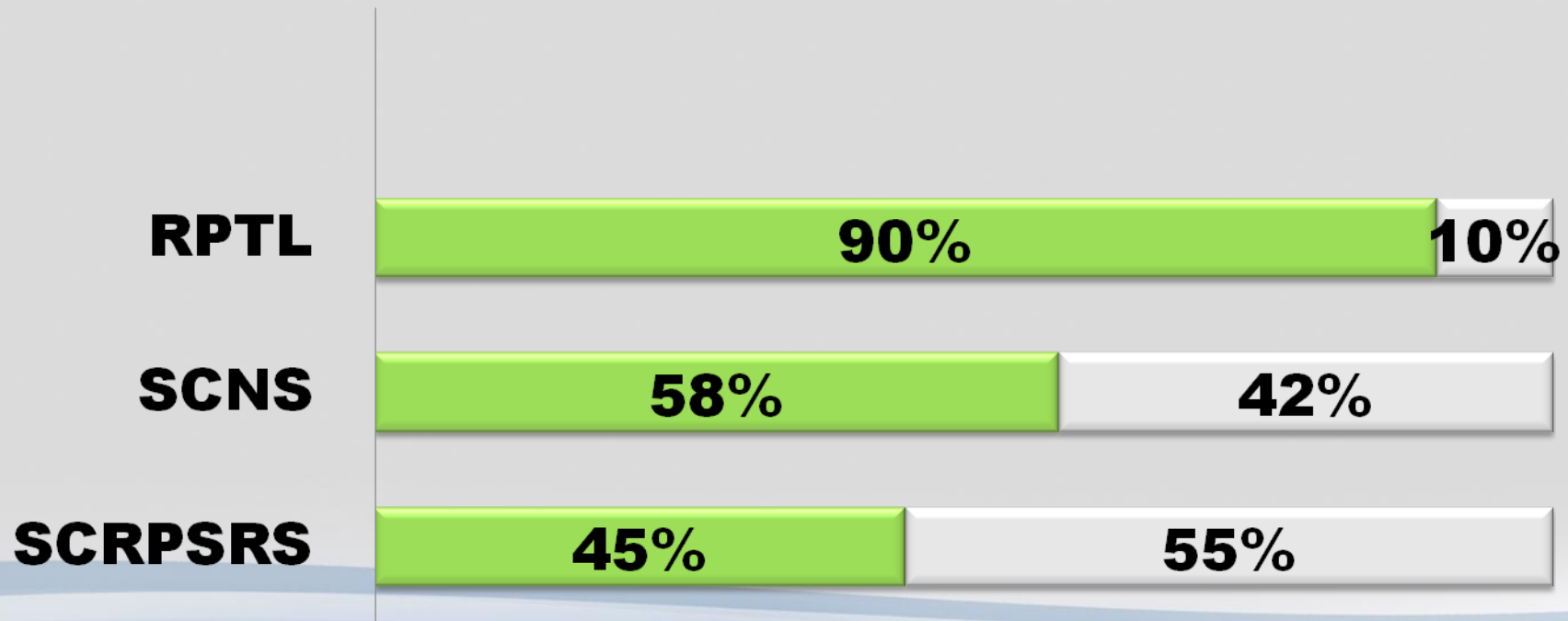
**2013 -  
2014**

- **Specialization Career (SC) in RP & SRS**
- **Specialization Career in NS**

# E & T in the Region

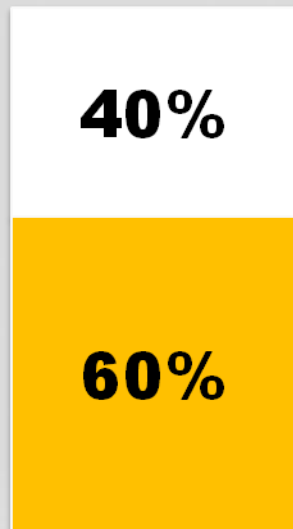
■ Argentinean

□ Rest of Latin American and Caribbean

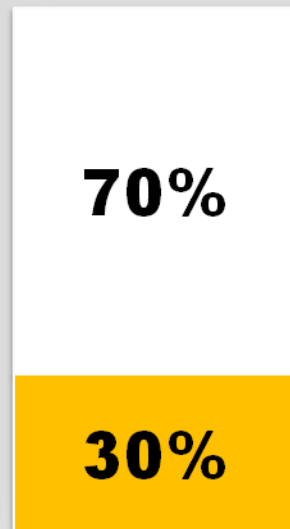


# Time Percentage of Occupational Radiological Protection (ORP) Content

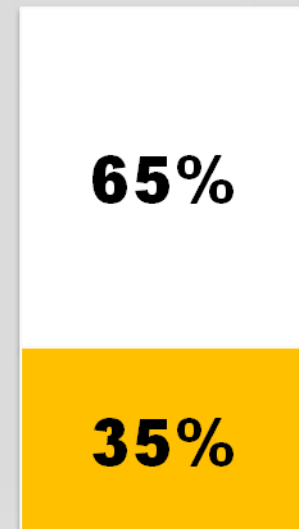
■ ORP ■ Other



**SCRPSRS**



**SCNS**



**RPTL**



# Growing Compromise

**2006**

- Re Launching of the Nuclear Activity

**2008**

- Argentina signed a Long Term Agreement with IAEA and became a RTC

**2010**

- Creation of the E&T Unit depending on the Presidency of the NRA

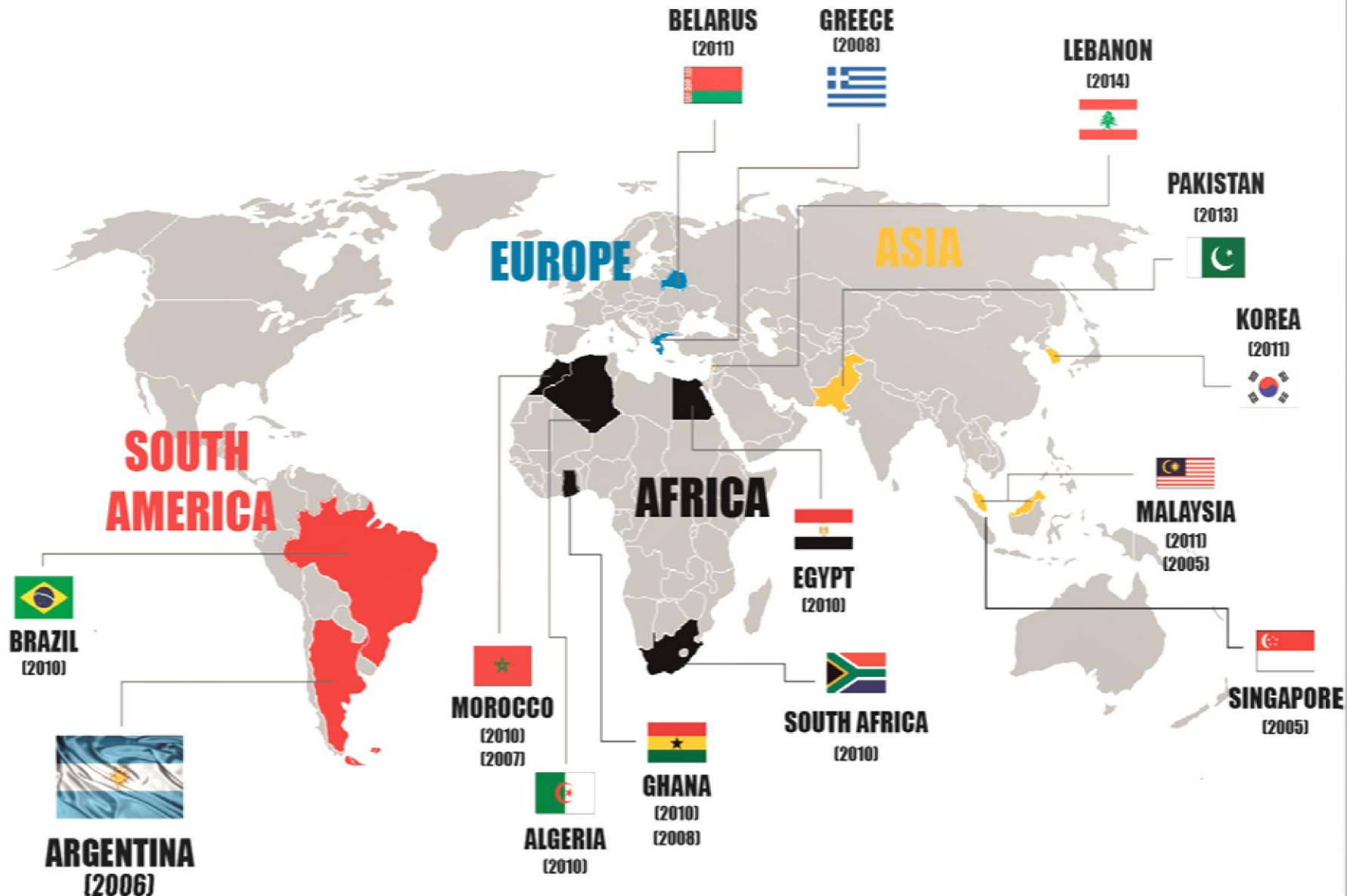
**2011**

- Action Plan to elevate the Academic Status of Postgraduate Courses

**2012-  
2014**

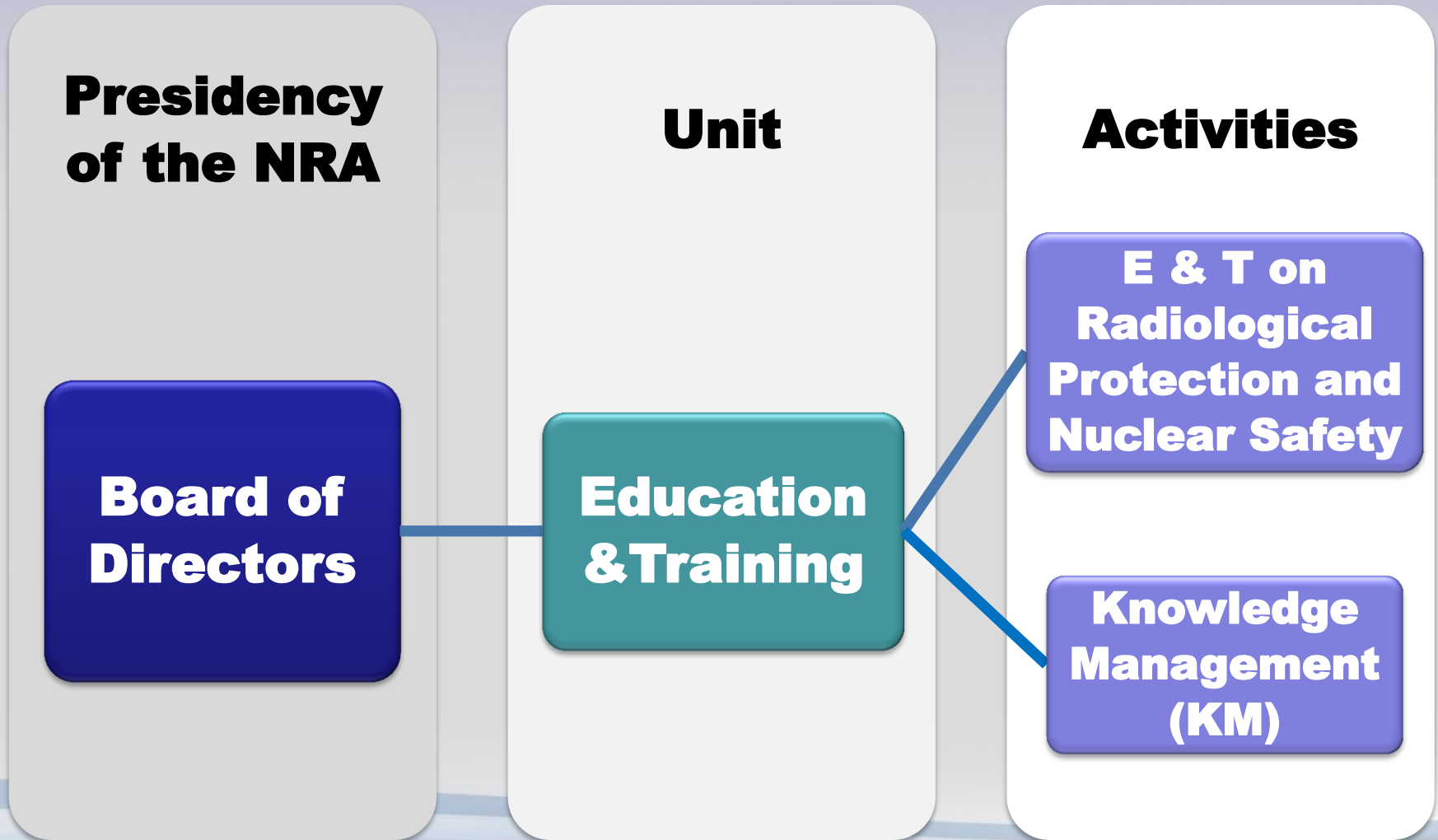
- Creation of two SC of the BA University

# Participating Countries EduTA Mission



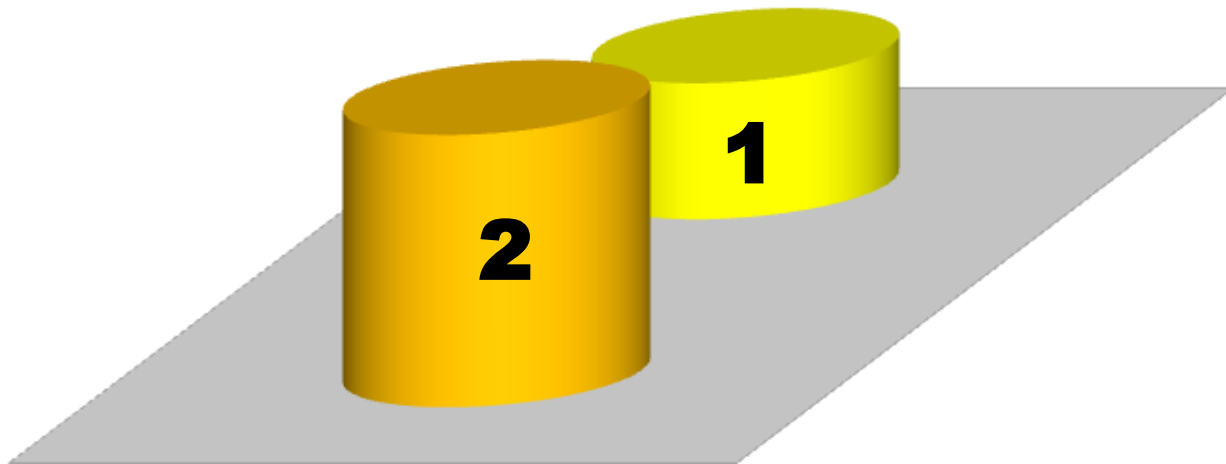


# 2010 – Reengineering at NRA



# Editions since 2013

- **SC Radiological Protection and Safety of Radioactive Sources**
- **SC Nuclear Safety**



# Management System in E&T

**2007**

- **IRAM - ISO 9001 : 2008**
- **IQNET**

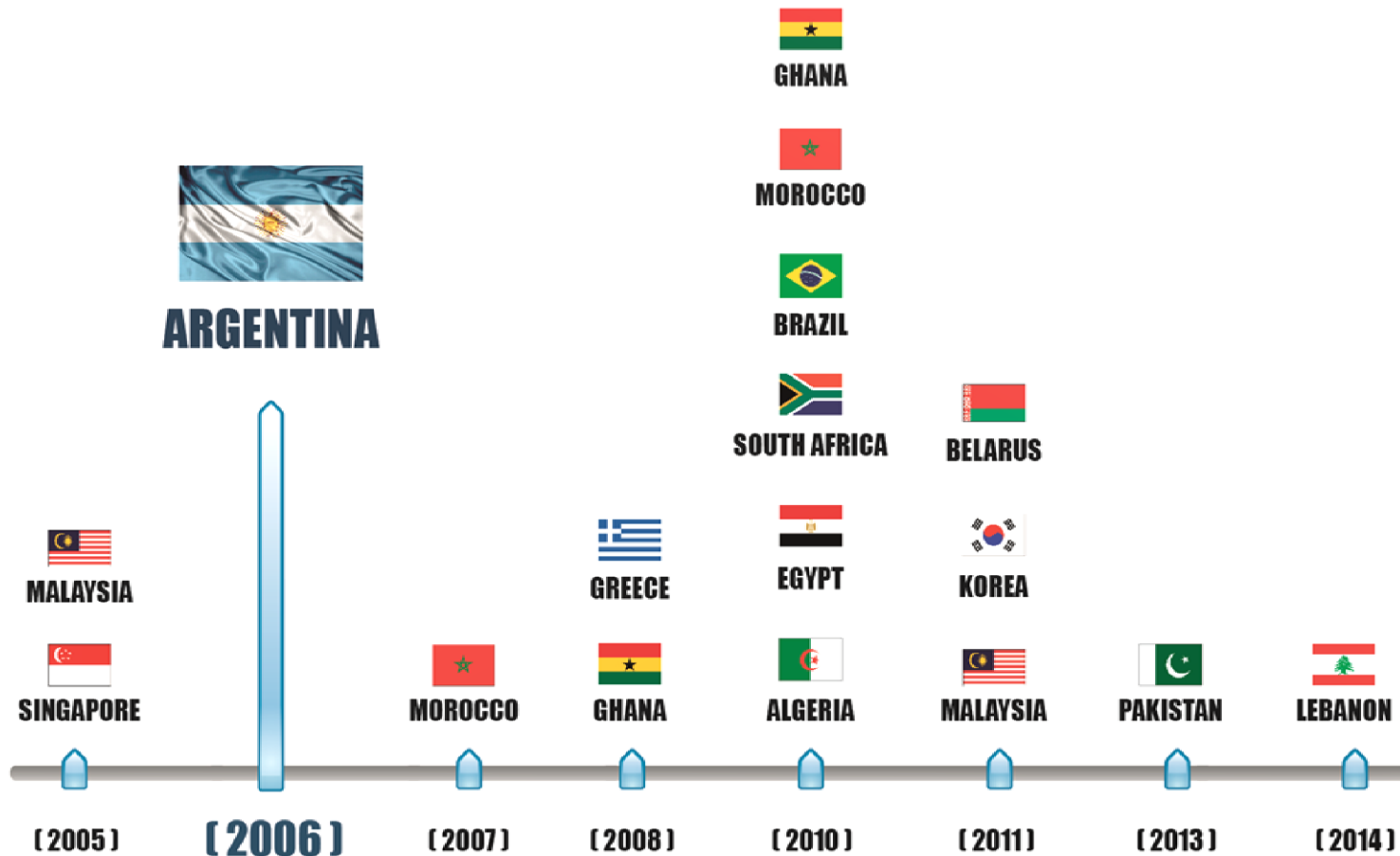
**2010**

- **Re certification - Curricular development, Planning and Implementation of Courses on RP, NS, Safeguards & Physical Protection**

**2014**

- **Second Re certification**
- **E&T Process became a Strategic Process in the NRA**
- **Quality accreditation of SC by the BAU National Organization for Accreditation of University Studies**

# EduTA Missions



# Future Goals

- ✓ **Contribute IAEA E&T strategy for 2014-20**
- ✓ **Improve quality of E&T activities**
- ✓ **Contribute to develop a Technical Support Organization (TSO) in association with a university to assist the NRA in particular and complex regulatory activities**
- ✓ **Start working in the development of new postgraduate courses related to Non Proliferation**

# Future Goals

- ✓ **Strengthen RTC**
- ✓ **Follow up the EduTA mission**
- ✓ **Deepen compromise taken by our predecessors in this task, following their vision**

**Thanks very much**





## Autoridad Regulatoria Nuclear

Av. del Libertador 8250 (C1429BNP)  
Ciudad Autónoma de Buenos Aires, ARGENTINA  
Tel.: (+54) (011) 6323-1770  
Fax: (+54) (011) 6323-1771/1798

[http:// www.arn.gob.ar](http://www.arn.gob.ar)  
Mail: [info@arn.gob.ar](mailto:info@arn.gob.ar)