



Italian G8 Presidency

International Workshop

*Nuclear Safety and Security Education and Training in
Countries Embarking on or Expanding Nuclear Programmes*



E&T and institutional capacity-building for Countries Embarking on or Expanding Nuclear Programmes

organized by the NSSG Italian presidency

under the auspices of the Italian government

and in close cooperation with

- the IAEA,
- the European Commission, and
- the Italian National Agency for New Technologies, Energy and the Environment (ENEA)



Objectives

- To provide an international forum to address the importance and urgency of capacity building at an institutional level in the area of nuclear safety and security education and training.
- To discuss human resources development, including education and training, required to establish and maintain a sustainable institutional infrastructure for the safe and secure introduction and expansion of nuclear power programmes and to identify current and future needs in this area.



Objectives

- To promote effective coordination and cooperation among international organizations, governments, and industry and academic communities needed to ensure synergies and avoid overlapping in the efforts to establish, maintain and evaluate sustainable capacity building at an institutional level.
- To identify concrete actions reflecting current and future needs, which will assist States to establish or improve their nuclear safety and security framework, through effective and efficient capacity building in education and training on nuclear safety and security.



Target audience

- senior professional staff of **regulatory bodies** and other relevant government organizations,
- human resource managers from the **nuclear industry and nuclear power utilities**,
- senior staff from **law enforcement agencies** such as customs and police, defence forces and intelligence services,
- **radwaste** management organisations,
- relevant **international organizations** (e.g. World Nuclear Association, World Association of Nuclear Operators, the World Nuclear University),
- academic staff from **universities** interested in promoting academic programmes focusing on nuclear safety and security.



Venue and Place

- **Location:** Bologna, Italy
- **Date:** 8-9 October 2009
- **Duration:** 2 days

Mon 5 Oct	Tue 6 Oct	Wed 7 Oct	Thu 8 Oct	Fri 9 Oct
	NSSG	NSSG	Workshop	Workshop

Topics



- **Topic 1: International framework** for capacity building on nuclear safety and security

International instruments, IAEA safety standards, Nuclear Security Series

- **Topic 2: Lessons Learned** – Necessary national infrastructure and capacity building efforts at an institutional level for the introduction of safe and secure nuclear power programmes

Experience from nuclear power countries and Int. Organizations

- **Topic 3: Human resources development aspects** of capacity building in nuclear safety and security programmes

Existing education and training activities

- **Topic 4: The way forward**

Prioritized actions reflecting current and future needs



Programme structure

- Opening session, three technical sessions and a panel discussion and concluding session.
- The discussions will identify concrete actions to be taken and possible future initiatives and/or strategies that will support the development of effective and efficient institutional capacity building in education and training in the area of nuclear safety and nuclear security.



Participation

- Open to Countries Embarking on or Expanding Nuclear Programmes
- Countries possibly interested:
Argentina, Brazil, Chile, Egypt, Georgia, Indonesia, Jordan, Kazakhstan, Malaysia, Mexico, Morocco, Philippines, Singapore, Tunisia, Turkey, United Arab Emirates, Venezuela and Vietnam