IAEA 60 Years
Atoms for Peace and Development

The IAEA Pilot International School of Nuclear and Radiological Leadership for Safety

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Background

- Leadership for safety recognized as highly important
  - Agency Safety Fundamentals and Standards
  - General Conference Safety Resolutions
  - Lessons learnt from the accident at the Fukusima Daiichi NPP
- The Agency has conducted a number of activities in support of Member States programmes on leadership and management for safety
  - Focus on senior and middle management level

Leadership School

- The International School of Nuclear and Radiological Leadership for Safety **aims at young and mid career professionals** with leadership potential

- To date, we have had four consultancy meetings with senior experts to develop a draft concept paper as well as the draft syllabus and case studies

Objective

- *"The overarching objective of the pilot International School for Nuclear and Radiological Safety Leadership is for **early to midcareer professionals** to develop their safety leadership potential through a better understanding of **what leadership means in practice** in nuclear and radiological working environments with their **inherent complexities and often competing considerations**"*

- **Broad & holistic approach**: looking at nuclear and radiological environments during normal and emergency conditions
- **Bottom up support**: future leaders recognising their leadership for safety in daily work

Project Team and Partners

- **Multidisciplinary team of internal and external experts**: technical officers specialized in nuclear and radiological safety from the operational and regulatory perspective as well as emergency preparedness and response experts.

- Technical Lead, **H. Rycraft** supported by her team
  - Focus on nuclear Installations
  - Extending the work towards the regulatory perspective, regulators self assessment of culture for safety, **C. Reiersen**
  - Specific challenges in medical and radiological applications, **O. Makarovska and R. Cruz (FORO)**
  - Specific challenges in Emergency Preparedness and Response, **R. de la Vega**
  - Security component
- Cooperation with, alignment and Integration with other efforts in Nuclear Energy, **Pekka Pyy**
  - Parallel and complementary development

- **Coordination and partnership with relevant external partners**: EC, EBP USA, EC, GNSSN, ENEN, NEA, …

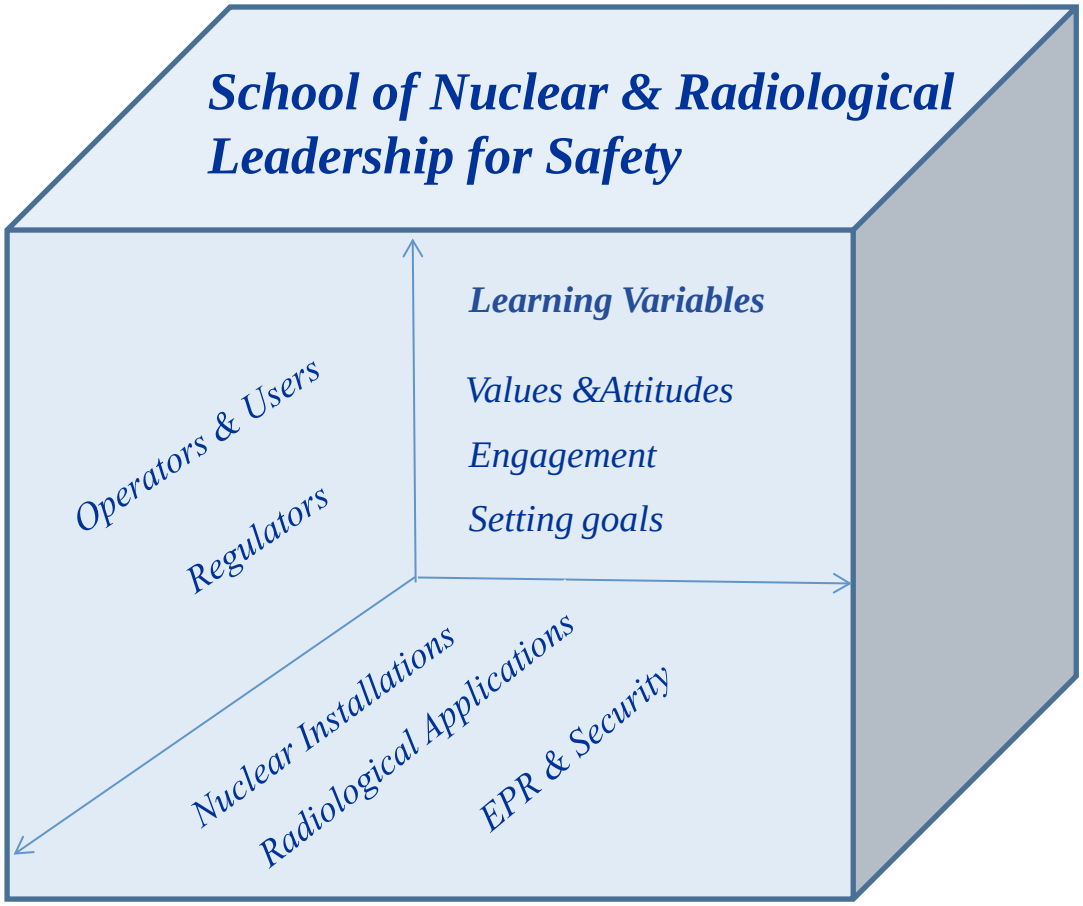
Expected Outcomes

- The School will be designed so Individuals attending the course can :
  - an increased understanding of leadership for safety in inherently complex nuclear and radiological environments for both routine and emergency situations;
  - ideas on how to effectively engage and constructively influence others on safety matters;
  - practical illustration of leadership for safety concepts for application to their own frame of reference;
  - an increased ability to effectively address leadership for safety issues;
  - an increased awareness of international standards and requirements in this area;
  - an international perspective through the sharing of knowledge with peers and senior experts; and
  - the development of a career-long international network of peers who are future safety leaders.

Course Concept, Approach. Programme

- This school is based on experiential learning including a pedagogic progression through the week on the key learning objectives.
  - In line with the IAEA safety standards
  - Complement & closely aligned with other Agency initiatives
  - Case studies simulating real-life scenarios with increasing complexity

The school concept



Draft Programme

	Monday	Tuesday	Wednesday	Thursday	Friday
AM	**REGISTRATION** *Opening Session* • Welcome • Keynote speaker(s)	*Case Study #1* • Goal Setting • *Medical Use*	*Case Study #3* • Engagement • *EPR*	*Case Study #4* • Integrated leadership in complex situations	*Closing Session* • Lessons learned • Reflections • Presentation of senior leader • Assessment, evaluation, and follow-up activities
Lunch					
PM	*Presentations* • GSR Part 2 • Leadership for Safety	*Case Study #2* • Values and attitudes • *NPP*	*Group discussion* • Lessons learned on GSR Part 2	*Group discussion* • Leadership for Safety in real-life	

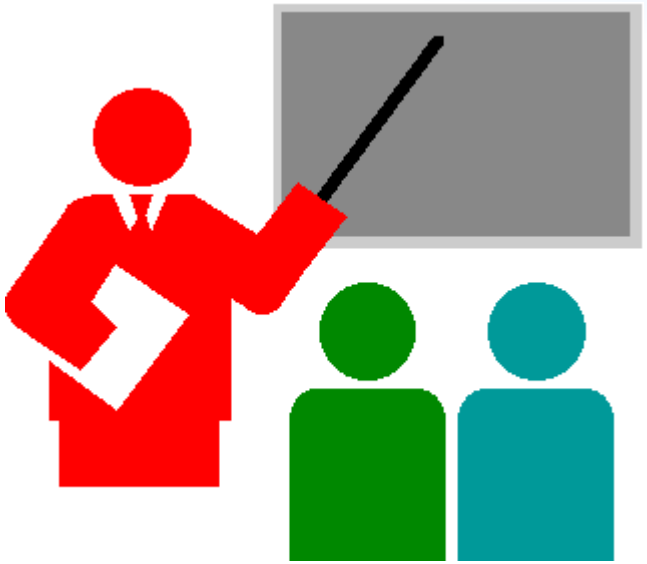
Case Studies

- Guidance and template developed
  - Setting the scene
  - Description of the challenge
  - Leadership aspects involved
  - Concluding the case

- To date, drafts have been developed
  - Work to finalize them during CS in June

Date and Participants

- Proposed the Pilot School will take place during one working week at end of October 2017
  - Working in cooperation with partners
  - University of Nice
- 15 participants from different countries and professional backgrounds, so as to enrich the dialogues, and maximize the learning experience



Way Forward

Development of the case studies

February-June

Final syllabus

June

Participant selection criteria
Design of pre study

June

Dress rehearsal

August-September

Pilot School

October

Lessons Learnt WS

Early 2018

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THANK YOU FOR YOUR ATTENTION