

2374-2

**Joint ICTP-IAEA School of Nuclear Energy Management**

*5 - 23 November 2012*

**Programme Overview, Logistics, Group Projects**

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# **IAEA-ICTP School of Nuclear Energy Management**

**Trieste, Italy 05-23 November 2012**

## **Overview**

Tatiana Karseka, IAEA





Yanko Yanev



Tatiana Karseka



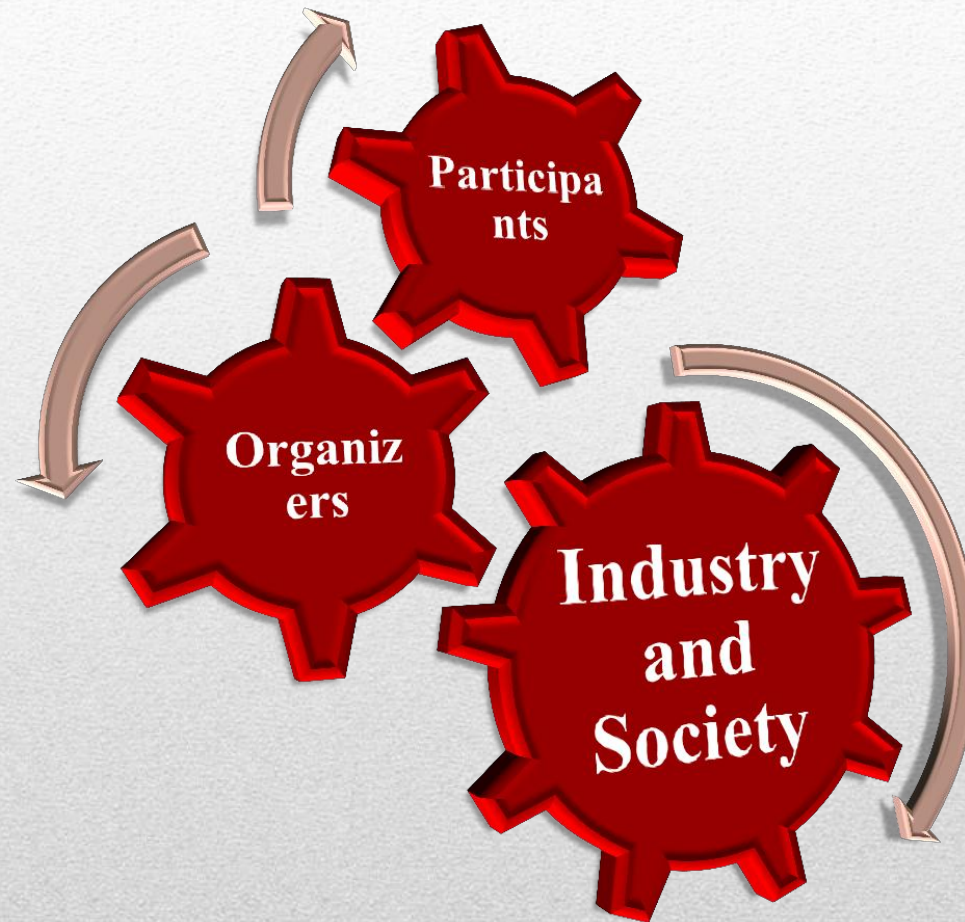
Lisa Iannitti



**We are there for you!**

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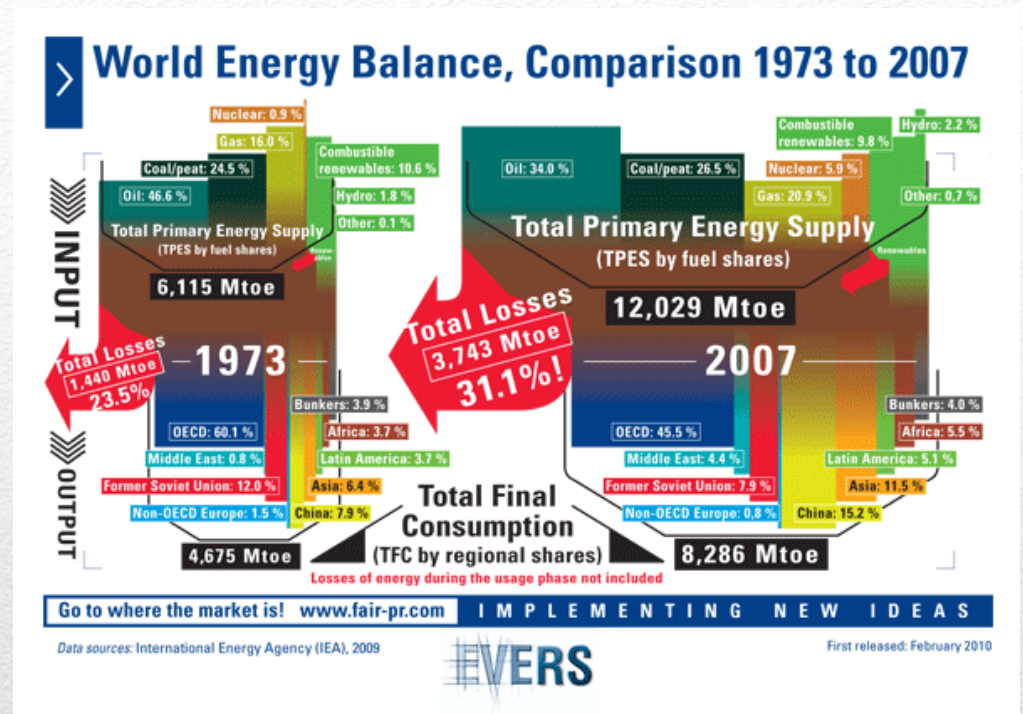
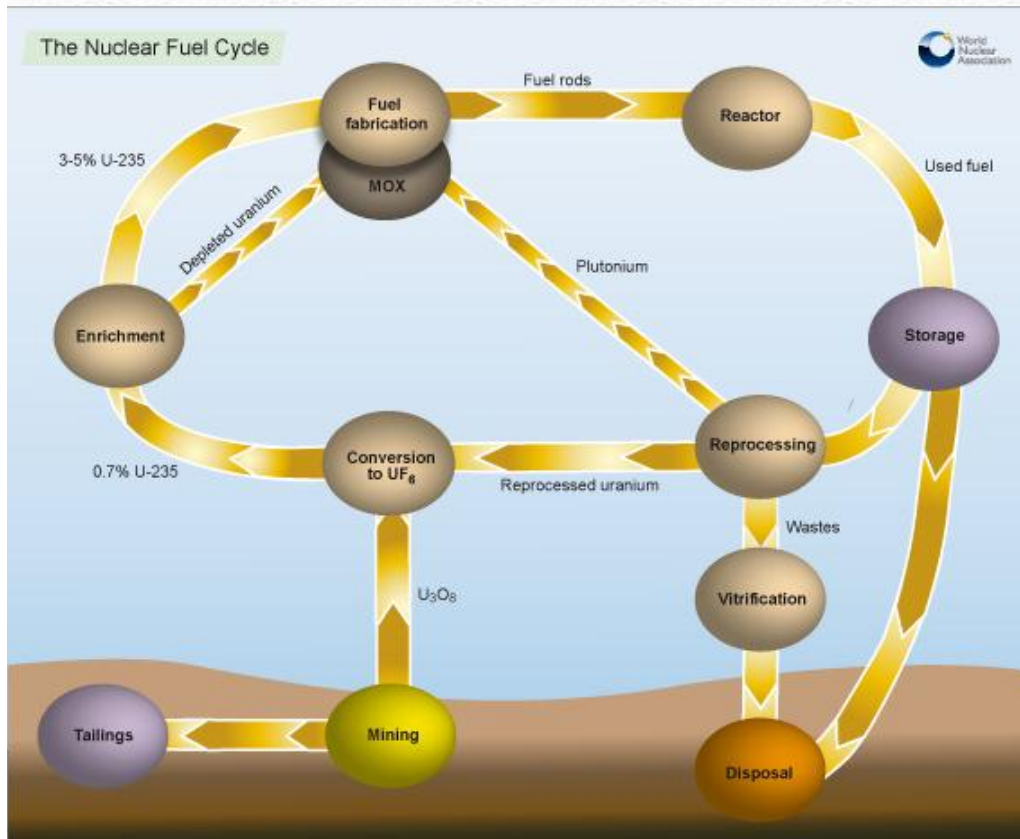
- building future leadership to manage nuclear energy programmes

You will have a broad overview and will be aware of the status and challenges of Nuclear Power

## **Purpose of the School**

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# Module 1: Nuclear Energy Policy and Management





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- Nuclear Power Policies
  - The Nuclear Power Fuel Cycle and Innovation
  - Nuclear Safety In the Global World
  - Regulating Nuclear Power
  - Nuclear Security and Physical Protection
  - Technical Tour to Krsko NPP
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# Module 2: Designing a Nuclear Power Programme

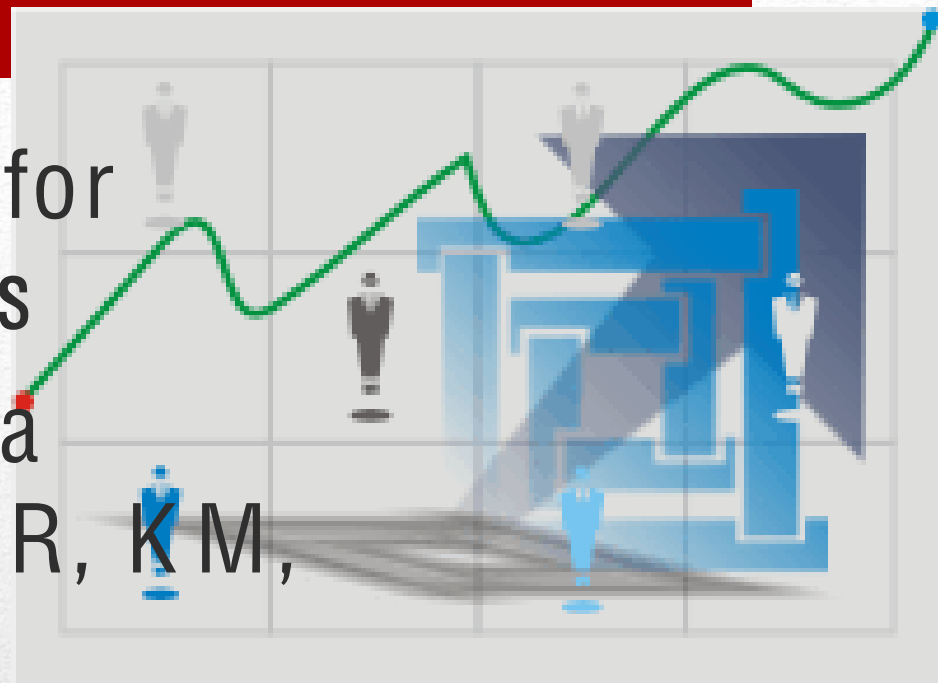
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- Background of Making an Informative Decision, incl. critical issues to be considered
  - Setting the Scene for Nuclear Power: Decisions and Strategies
  - Nuclear Legislation
  - Launching and Managing a Nuclear Project
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- Management Systems for Facilities and Activities
- Capacity Building for a Nuclear Power, incl. H R, K M, Education
- Technical tour to a Training Centre



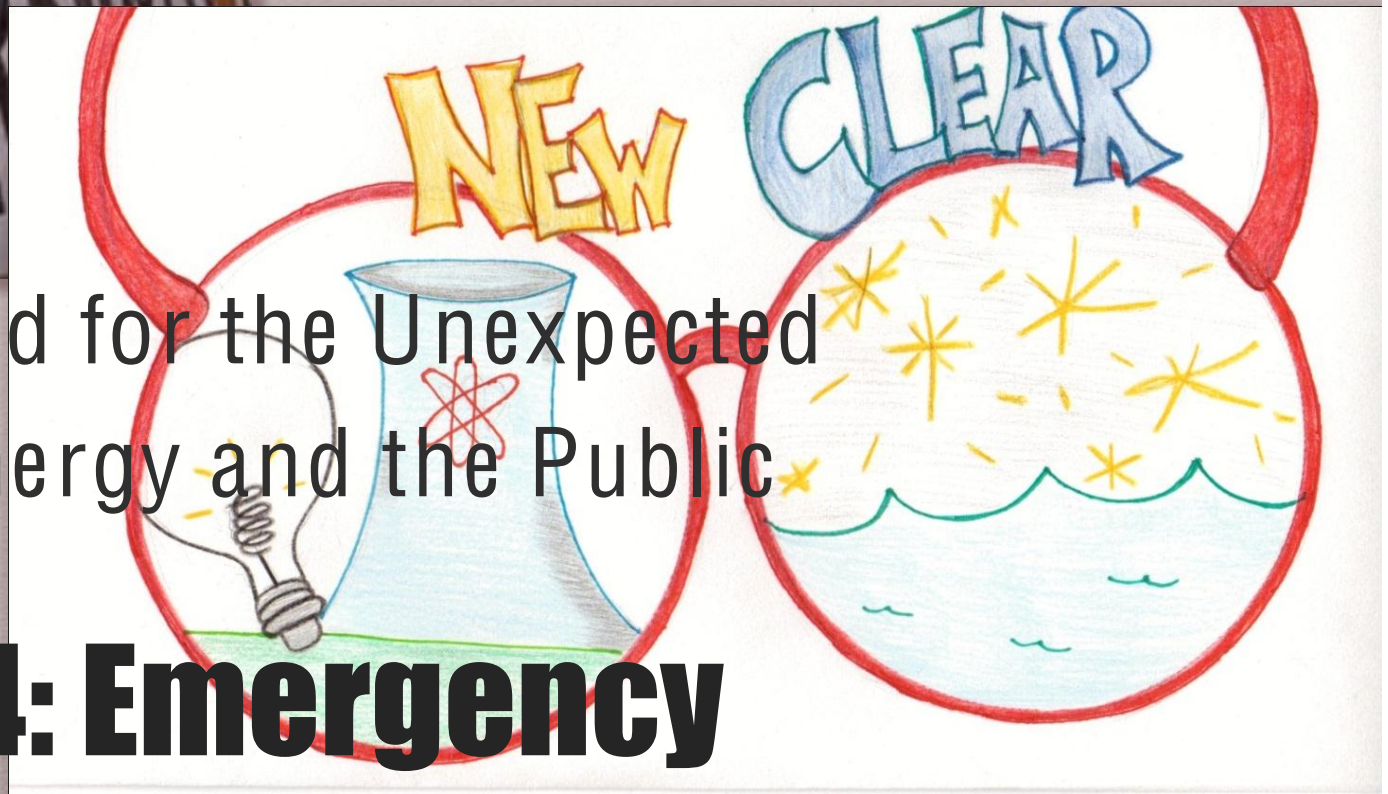
## Module 3: Managing a Nuclear Enterprise







- Be Prepared for the Unexpected
- Nuclear Energy and the Public



# **Module 4: Emergency Preparedness and Public Communication**

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- Lecturing
- Question and answer sessions
- Seminars and exercises
- Video sessions
- Group projects
- Technical tours

# **Methods of Teaching and Learning**

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# Technical Tours

9 November	Krsko Nuclear Power Plant, Krsko, Slovenia
19 November	IJCT (the Nuclear Training Centre "Milan Copic"), Jozef Stefan Institute, Ljubljana, Slovenia
19 November	ELETTRA Laboratory, Science Park, Trieste Italy

Form with your passport  
details, **TODAY** by lunch

- Active participation in discussions, national presentations, case studies and Q & A sessions – 30%
- Group projects – 30%
- 4 Quizzes (12, 16, 21, 23) – 40%

## **Evaluation (Certificate)**

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- Feedback (programme sheet, End of Event Questionnaire)
- Intranet (P:\shared\smr2374)
- Group activities and projects
- Questions!!!
- Individual and podium discussions
- Photos and videos!!!
- Post event word of mouth propaganda

**Students' contribution  
towards the process**

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## • 6 Areas for deeper investigation:

1. Energy Planning
  2. Legal Framework
  3. Fuel Cycle and Waste Management
  4. Safety, Security and Safeguards
  5. Human Resource
  6. Communication and Outreach
- Sheet in your folder (to be submitted by 15:30)!!!

## **Group Projects**

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- Collective work during the whole school ('Work on the projects' slots integrated into the schedule)
- Group presentation at the last day (20 min for presenting, 10 min for questions)



## Group Projects

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- **Consist of 15-20 multiple choice questions each**
- **Lasts for 30 min each**
- **Computer based**
- **Covers all the subject areas**
  
- **Is based mainly on the presentation materials and main reference material (which will be mentioned by lecturers)**

## **Quizzes**

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# Graduation Ceremony Gala dinner

**Fairy well!**

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**Let us have the best  
school ever!**

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