

Round Table Sessions

What are the issues from the experience of implementing the Model Project on Upgrading Radiation Safety Infrastructures?

Have we got the right training strategy for developing and sustaining knowledge and competence?

How can we improve the mechanisms for sharing experiences at the national and international levels?

What are the infrastructure requirements to control occupational, medical and public exposures? How do we set priorities to optimize protection?

Lessons learned and future actions

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International Conference on National Infrastructures for Radiation Safety: Towards Effective and Sustainable Systems



Organized by the
International Atomic Energy Agency

Held with the co-operation of the



World Health Organization



International Labour Office



European Commission



OECD Nuclear Energy Agency

Hosted by the
Government of Morocco through the
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Rabat, Morocco
1-5 September 2003

Topical Sessions

Stakeholder involvement in building and maintaining a national radiation safety infrastructure (national and international)

- Country experience with stakeholder involvement
- Expansion of stakeholder involvement with evolution of the infrastructure
- Involvement of international organizations, including IGOs and NGOs

Overview of the IAEA Model Projects (achievements, challenges and recommendations)

- Keynote speaker from the IAEA on the Model Project on Upgrading Radiation Safety Infrastructures
- Overview of the history, achievements and challenges in implementing the Model Projects from the point of view of the regional managers (single presentation summarizing the experiences of the regional managers with reference to their respective posters)

Implementation experience with the Model Projects (views from the countries, positive and negative experiences)

- Keynote speaker with experience of peer reviews of the Model Projects
- Experiences of the countries participating in the IAEA Model Projects

Resources and services (systematic approach)

- Priorities in the provision of services (dosimetry services for monitoring of external and internal radiation exposure, central dose record keeping, calibration services,

radioanalytical laboratories, appropriate resource for quality management of medical equipment, technical advisory services, maintenance services, providers of emergency equipment, etc.)

- Outsourcing versus central provision of services (role of the regulatory body)
- National and regional services

Sustainable education and training, developing skills (national systems and regional solutions)

- Keynote speaker on skill requirement analysis at various stages of development
- Mechanisms of sustainability of programmes (training of radiation protection officers, managers and workers, qualified operators, health professionals, staff of the regulatory bodies, trainers and qualified experts, medical and paramedical professionals, emergency response personnel and 'peripheral' persons such as customs officers or carriers for the transport of radioactive material)
- National versus regional programmes, distance learning, e-learning, on-the-job training
- Certification and recertification (retraining), mutual acknowledgement of qualifications

Need for education and training at the international level (including IAEA programmes assisting in establishing adequate infrastructures)

- Keynote speaker on the IAEA strategy on education and training
- Second keynote speaker (EU)
- Need for international training activities

Authorization, inspection and enforcement (effectiveness and efficiency of the activities of the regulatory bodies)

- Keynote speaker on a comprehensive programme and practical implementation, including a graded approach to regulatory requirements
- Licensing of cross-border situations
- Quality assurance issues for regulators
- Correct balance between enforcement and co-operation
- Source inventory

Source security and emergency preparedness (infrastructure requirements at the international, national and user levels)

- Three keynote papers covering source security, contingency planning for emergencies and medical preparedness
- National programmes (problems and difficulties, achievements)
- Regional and international efforts

Performance evaluation

- Keynote speaker on assessment of the effectiveness of infrastructures and programme implementation
- Experience of performance evaluation, including self-assessment, audit and peer reviews