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# ***Report from the International Conference on the Safety of Radioactive Waste Management***

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# General Information

## International Conference on the Safety of Radioactive Waste Management

- Cooperation NS – NE
- 21-25 November 2016
- IAEA Headquarter, Vienna, Austria
- Organised by IAEA
- In cooperation with: NEA/OECD, EC
- Last Conference on the same topic was held in Cordoba, Spain in 2000



Organized by the

# Objectives & Scope

- Highlight the importance of **long term approach** towards the management of radioactive waste and spent fuel
- Promote further **harmonization of safety** in the fields of predisposal management and disposal of radioactive waste
- Discuss about **all aspects of predisposal management and disposal of radioactive waste and spent fuel, including waste arising from accidental situations**

# Conference Topics

- Opening Session
  - Opening remarks by DDG-NS & Conference Chairman
  - Panellists: EC, OECD/NEA, JC, IAEA
- 4 plenary sessions dealing with:
  - National policy, strategy and framework for radioactive waste management
  - Predisposal (W.Pr, Sto)
  - Disposal (Intro, DSRS, VLLW, LLW, ILW, HLW)
  - Post-accident waste management
- Closure sessions
  - Panel including all session chairs → 4 pages conclusions addressed
  - Conference Chairman summary
  - Closing remarks by DDG-NE & NSRW director

# Conference Contributions

- **Involved Experts**
  - 3 panellists (opening panel)
  - 5 invited speakers
  - 45 speakers
  - 73 poster presenters
  
- **Audience**
  - 274 participants
  - 63 Member States
  - 4 Organizations

# Conference recommendations & conclusions

## 1. Progress in radioactive waste management since 2000

→ To better **convey** the positive message that the process of HLW/SF disposal is slow

## 2. National planning

→ Work on national plans for radioactive waste management including disposal continues, taking a **cradle-to-grave approach**

## 3. Balance between operational and long-term (post-closure) safety

→ To carefully analyse the **post-2000 experience** of the operational safety of radioactive waste management

# Conference recommendations & conclusions

## 4. Optimization

→ To continue **work on the methodologies** that may support the optimisation of strategies for waste management

## 5. Results of analyses, and communication, of long term protective capability of disposal solutions

→ The outcome of such analyses facilitates communication and engagement with stakeholders on complex issues such as acceptability, optimisation...

## 6. Regulators' involvement, mandate and independence

→ Regulators develop processes to ensure mutual understanding between regulators and applicant, while rigorously maintaining their independence

# Conference recommendations & conclusions

## 7. Involvement and empowerment of interested parties

→ Principles and methods for engagement can be further developed and implemented as they apply to national programmes

## 8. Post-accident waste management

→ The suitability of the safety standards to deal with post-accident radioactive waste management should be reviewed against the ample experience from dealing with post-accident radioactive waste management and plans for providing additional guidance on developing national strategies



# Conference Proceedings

- The Proceedings will be published by the IAEA later... it will include:
  - Speeches (opening, closure)
  - Sessions summary
  - Conference conclusions and recommendations
  - Attached CD with all materials (presentations, papers, posters...)
- All material are available on the conference webpage

<http://www-pub.iaea.org/iaeameetings/50807/International-Conference-on-the-Safety-of-Radioactive-Waste-Management>



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*Thank you!*