Remediation Strategies and Decision Aiding Techniques

Working Group Leader: Tamara Yankovich
tamara.yankovich@src.sk.ca

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WG1 Participation

- Overall interest by 40 participants (18 Member States)
- Daily Participation by ~12 participants (8 Member States)
MODARIA WG1 Progress

- Identified WG1 Working Group Leader and Information Coordinator
- Refined WG1 objectives
- Presentations by experts on tools and case studies (10 presentations)
- Scheduled Interim WG1 Meeting (joint with WG3)
- Identified tasks and core presenters for Interim WG1
- Established connections with WG3 and PREPARE
- Selected 2 core case studies
- Determined draft path-forward for WG1
WG1 Objectives
(modified from May 2012 document)

• Analyze the decision-making process based on experience gained from past radiological emergencies and remediation efforts (e.g., post-Chernobyl; possibly legacy sites)
• Extract lessons learned in terms of social, economic and environmental costs
• Prepare case studies for comparison of decision-making models
• Review and compare existing decision-aiding models
• Provide recommendations on how to improve the decision-making process for remediation planning
MODARIA WG1 Draft Work Plan

- Information Gathering on Decision-making Process
  - International Frameworks/Approaches/Tools/Models
  - Key decision-making components of case studies
- Review and Standardization of Information (Template)
  - Available international frameworks/approaches/tools/models
  - Planned decision-making models (e.g., PREPARE)
  - Remediation Case Studies
    - Presentations by Member States
    - Review of case studies (lessons learned; identification of decision chain; review of outcomes of core decisions)
- Population of Template Identifying Key Decision-making Aspects
- Case Study Analyses
  - Two Scenarios Selected (Chernobyl post-accident; Uranium legacy sites)
  - Model outputs from MODARIA WG3 to decision-making frameworks in WG1 (joint interim meeting; June 2013)
  - Consideration of additional case studies (information is being gathered)
- Application of Selection Decision Models to Case Studies

IAEA - Modelling and Data for Radiological Impact Assessments (MODARIA)
INVITATION TO CONTRIBUTE

- Information on existing decision-making tools, approaches, models or frameworks to Malcolm McKee (Canada) (malcolm.mckee@cnscc-csnc.gc.ca) for compilation and distribution to the group
- Ideas on Case Studies
- WG1 Interim Meeting – June 2013, Kiev (with WG3 – Rudolfo Avila)
Thank You for Your Attention!