

International Conference on Advancing the Global Implementation of Decommissioning and Environmental Remediation Programmes CN-238

Monday, 23 May 2016 - Friday, 27 May 2016

Madrid

Scientific Programme

<u>Programme Structure</u>

The conference will consist of an opening plenary session, topic-specific technical sessions, some of which are to be run in parallel, and a closing plenary session. Summaries of all the presentations and discussions, including lessons learned and recommendations for future activities, will be presented by the Conference Chairperson, supported by the Session Chairs, at the closing plenary session.

The conference will include keynote presentations by invited international experts, selected oral presentations, panel discussions and poster presentations dealing with the topics identified under the "List of Topics" found below. The detailed programme will be made available on the conference web page in advance of the conference.

<u>Target Audience</u>

The conference is targeted at policy and decision makers and technical experts — in particular from national and local governments, funding organizations, regulatory authorities, public health authorities, facility operators, waste management bodies and international organizations — concerned with planning and implementing decommissioning and remediation programmes and projects.

<u>List of topics</u>

National policies and strategies to enable and enhance decommissioning and environmental remediation

Purpose of this session is to demonstrate how national policies have been developed and are being implemented that enable and enhance D and ER and that are in line with widely accepted international principles; stimulate countries to develop national framework to enable D&ER; including skills development.

Regulatory framework and standards for decommissioning and environmental remediation

Discuss significance of regulatory requirements to implementation of D&ER programmes – including discussion of evolution of regulations and regulatory approaches.

Decision-making process: societal and stakeholder involvement during the life cycle of decommissioning and environmental remediation projects

Highlight how experience over the past 10 years has impacted decision making approaches for D&ER.

Technical and Technological Aspects of Implementing Decommissioning Programmes

This session (whole day session) is dedicated to review the available technologies for Decommissioning, define the existing gaps in knowledge and needed improvements with the aim of facilitating the implementation these activities. Specifically, the targeted objective of session is to review progress in D&D technologies in last decade and identify challenges and needs in the future.

Technical and Technological Aspects of Implementing Environmental Remediation Programmes

This session (whole day session) is dedicated to review the available technologies for ER, define the existing gaps in knowledge and needed improvements with the aim of facilitating the implementation these activities. The session will also discuss eventual regulatory criteria that cannot be met by present technologies and address how these technologies can help in overcoming barriers to gaining achievements. How calculate/estimate the amount of waste to be generated in clean-up activities after accident and how to take this into consideration in the decision-making regarding the definition of reference levels.

Optimizing Waste and Materials Management in Decommissioning

To discuss the developments and challenges being faced dealing with materials resulting from decommissioning activities

- To consider in particular the integration of decommissioning and waste management activities from initial planning to final waste disposal (including special materials)

Case Studies and Waste Management in Environmental Remediation

To discuss the integration of environmental remediation and waste management activities from initial planning to final waste disposal.

Project management and supply chain considerations

Highlight how experience over the past 10 years has impacted the supply chain and identify future trends.

International cooperation

Focus on financial contribution, infrastructure requirements, but also knowledge transfer – highlight barriers and mechanisms to overcome.

Young Generation

This session will be dedicated to Nuclear Young Generation.