

The Sixth International Nuclear Emergency Exercise (INEX-6): Long-term Recovery

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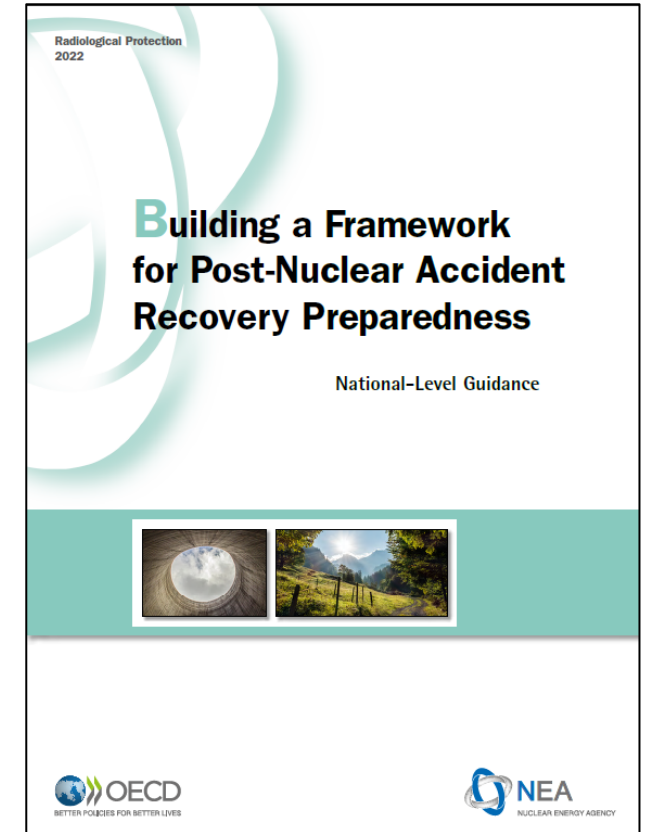
State / FRMAC Semi-Annual Meeting
January 25, 2023

Development of the INEX Series

INEX Series	Exercise Objectives	Year
INEX-1	Early phase; Communication; Decision making process in national responses; Food safety; Emergency assistance	1993
INEX-2	Decision making in uncertain conditions; Real time communication; Public and media interactions	1996-1999
INEX 2000	Monitoring and data management strategies for nuclear emergencies; International coordination; Aspects of the Convention on Third Party Liability	1999-2001
INEX-3	Consequence management; Long-term issues; Decision making in the medium- and longer-term	2005-2006
INEX-4	Post-crisis emergency management; Response to widespread radiological contamination of the urban environment	2010-2013
INEX-5	Notification and communication aspects; Transboundary aspects; Interfaces; Identifying and obtaining resources (<i>Southern Exposure tangentially linked</i>)	2015-2016
INEX-6	Long-term recovery phase	2023-2024

INEX-6 Development

- The Expert Group for the Sixth International Nuclear Emergency Exercise (EGINEX6) started in May 2022
- Membership: Canada (Chair), USA (Vice-Chair), UK (Vice-Chair), Belgium, Bulgaria, Chinese-Taipei (invited experts), France, Germany, Japan, Portugal, Slovak Republic, Switzerland
- Key Drivers for INEX-6:
 - focus on long-term recovery/existing exposure situation (after termination of the emergency)
 - test key areas of EGRM's Framework for Recovery Preparedness
 - identify improvements to enhance national and international preparedness for recovery



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INEX-6 Planning Approach

- Adapting the planning approach used for INEX-5
 - Central/international exercise planning developed by EGINEX6 and supported by ‘National Planning Committees (NPCs)’ within each of the participating countries
 - Exercise materials (scenario, injects, documentation) developed by EGINEX6, with country-specific objectives incorporated as required
 - Countries to run independent table-top modules/exercises, which are compared after the event through INEX-6 questionnaire and NEA hosted post-exercise evaluation workshop

Objectives

1. Test preparedness for recovery, including organisational structures, roles and responsibilities, stakeholder engagement, as well as mechanisms for international cooperation to assess the adequacy of current arrangements and identify potential gaps against the EGRM's Framework for Recovery Preparedness;
2. Test the decision-making process for the implementation of longer-term protective actions, including the justification and optimisation of such actions considering both radiological and non-radiological issues;
3. Test the adoption of an all-hazards approach to recovery management, utilising skills, knowledge and capabilities from outside of the nuclear field.

Scope (1/2)

The Sixth International Nuclear Emergency Exercise (INEX6) will:

- be delivered individually by participating countries as a Table-Top Exercise(s) using the same exercise scenario(s) in order to draw comparisons between countries
- involve a series of ‘modules’ focussing on key topical issues associated with long-term recovery management
- be prepared as a package that enables countries to re-use the exercise materials after completion of INEX6, including a methodology that allows for additional long-term recovery modules to be added at a later stage following the same format (NB: further INEX6 exercises could be held in later years to test additional long-term recovery issues)
- involve a scenario(s) that begins after termination of a radiological or nuclear emergency

Scope (2/2)

The Sixth International Nuclear Emergency Exercise (INEX6) will not:

- test all elements associated with long-term recovery
- be built upon a very technically detailed accident scenario description, but rather on a more narrative or semi-quantitative one
- be based on an accident in a specific geographic location

INEX-6 Modules



1. Health Aspects

(covering issues such as Mental Health and Psychosocial (MHPSS) issues, medical follow-up, medical surveillance)



2. Food Safety

(covering issues such as food monitoring, food restrictions, international and domestic food trade)



3. Remediation and Decontamination

(covering issues such as remediation of natural and built environment, contaminated land, access control)

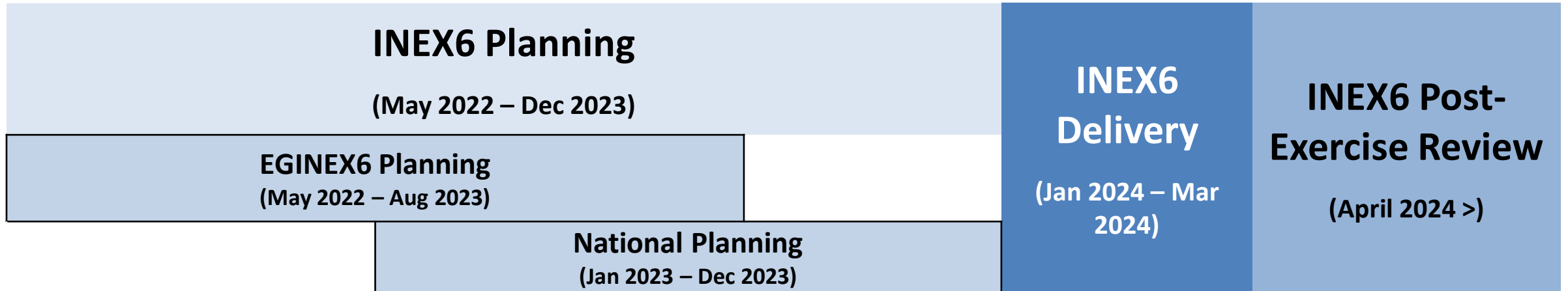


4. Waste Management

(covering issues such as storage, treatment, characterisation, transport, disposal)

Cross-Cutting Issues: Stakeholder Engagement, Communications, International Cooperation, Socio-Economics

Timeline



- Invitations to participate were sent to each country last week (January 17)

Post-Exercise Questionnaire and Workshop

- Questionnaire to be completed for each module (basis of international comparisons)
- Post-Exercise Evaluation Workshop hosted by NEA for participating countries and interested parties

Thank you for your attention

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All NEA publications and institutional documentation available at

www.oecd-nea.org

