



Australian Government
Australian Radiation Protection
and Nuclear Safety Agency

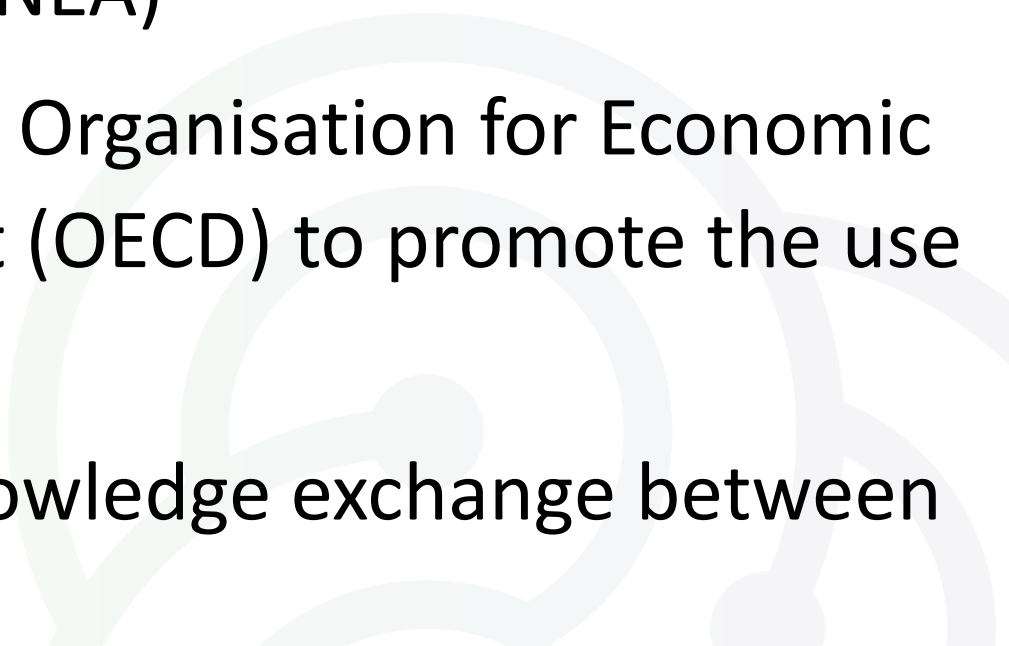


Australia's Participation in the NEA's INEX-6 Recovery Exercise

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Background

- The International Nuclear Exercise Series (INEX) is organised by the Nuclear Energy Agency (NEA)
 - The NEA is organised under the Organisation for Economic Co-operation and Development (OECD) to promote the use of nuclear energy
 - The INEX exercises facilitate knowledge exchange between participating countries
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Previous exercises

INEX Series	Exercise Type	Year	Participating Countries (& International Orgs)
INEX-1	Nuclear power plant emergency – tabletop exercise	1993	16 (0)
INEX-2	Nuclear power plant emergency – full response exercise	1996-1999	27 (4)
INEX-2000	Nuclear power plant emergency – full response exercise	2001	55 (5)
INEX-3	Large-scale contamination – tabletop exercise	2005	15 (2)
INEX-4	Improvised radiological dispersal device – tabletop exercise	2010	17 (1)
INEX-5	Radiological event with international implications – tabletop exercise (national and regional)	2016	22 (1)
INEX-6	Transport incident (long term recovery) - tabletop exercise	2024	24 (2)

A map of a region in Central Asia, likely Kazakhstan, showing a simulated nuclear disaster. A red star marks the impact site in the southwest. A bright yellow and orange plume extends northeast from the star, transitioning into a large, light green cloud that covers a significant portion of the central and eastern parts of the map. The map includes a network of roads and rivers. A scale bar at the bottom indicates distances from 0 to 20 kilometers.

INEX-6

- 26 countries and 2 international organisations will be participating
- Aims to address long-term recovery challenges following a nuclear/radiological disaster

INEX-6 Modules



1. Health Aspects

Mental health & psychosocial support, health status and follow-up



2. Food Safety

Food monitoring & restrictions and domestic and international food trade



3. Remediation & Decontamination

Policy, remediation of natural and built environment, access control



4. Waste Management

Storage, treatment, characterisation, transport and disposal

Stakeholder engagement, communications, international cooperation, socio-economics

Mission

1.

Test preparedness for recovery, including organisational structures, roles and responsibilities, stakeholder engagement and mechanisms for international cooperation.

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.

Australia and INEX-6 Timeline

National Planning Committee

The National Planning Committee recently began its monthly meetings

Recovery Exercise

The 1-day tabletop exercises is scheduled to occur on March 26th, 2024

Post-Exercise Meeting

The results of the exercise will be compared with other participating countries at NEA INEX-6 post exercise meetings

Exercise Details



The exercise will be held on the 26 th of March 2024
Simultaneously held in Hobart and Canberra
Observers welcome in addition to participants

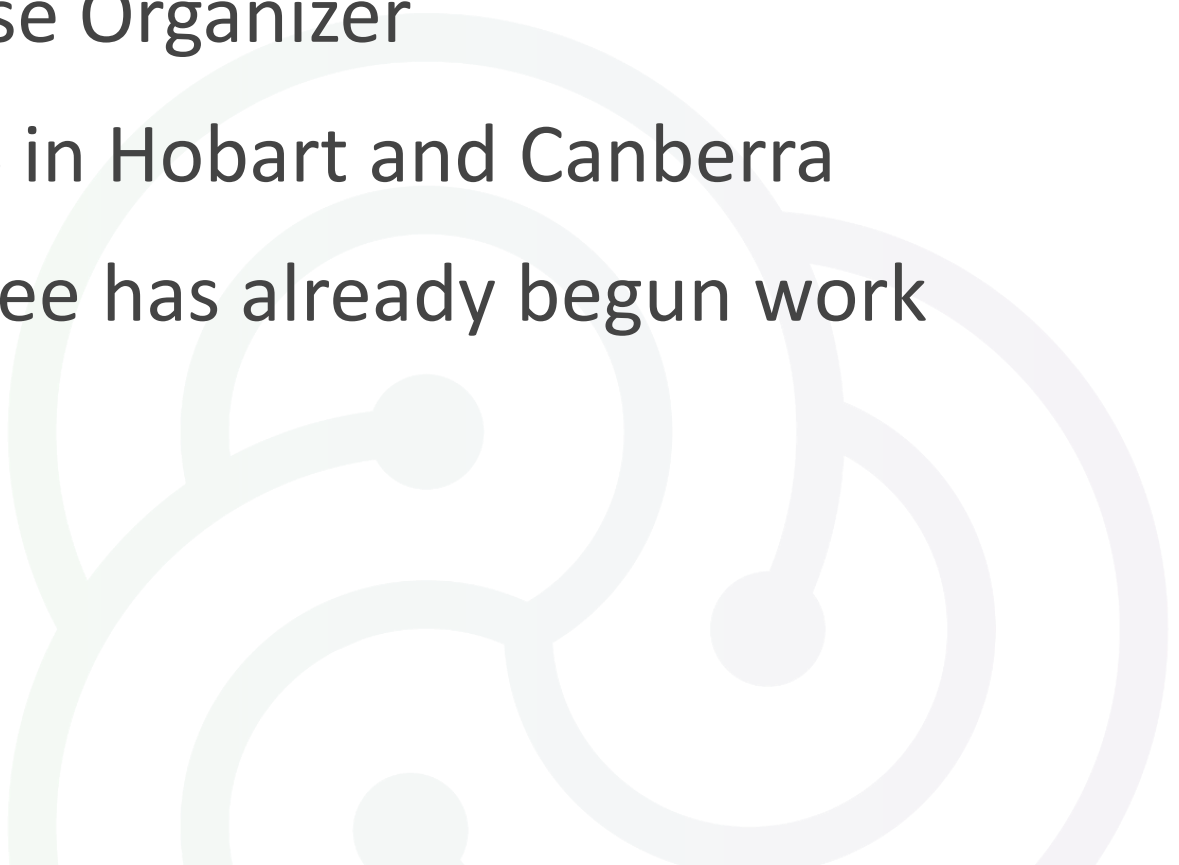
The Participants

- The scenario will involve participation and collaboration between Tasmanian organisations and national organisations
- Participants relevant to any of the four modules are invited to participate

Current Participants

- The Australian Radiation Protection and Nuclear Safety Agency
- National Emergency Management Agency of Australia
- State Emergency Services Tasmania
- Department of Premier and Cabinet, Recovery Tasmania
- Tasmanian Department of Health, Radiation Protection Unit
- Department of Foreign Affairs and Trade
- Australian Radioactive Waste Agency
- Department of Agriculture and Water Resources

Conclusion

- INEX-6 is a recovery exercise produced by the NEA
 - ARPANSA is the National Exercise Organizer
 - Scheduled for March 26th, 2024 in Hobart and Canberra
 - The National Planning Committee has already begun work
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- A decorative background graphic consisting of several overlapping, concentric, and slightly offset circles in shades of light green and light purple, creating a subtle, abstract pattern in the bottom right corner of the slide.

Thank you



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