

Radiological Protection
2022

Building a Framework for Post-Nuclear Accident Recovery Preparedness

National-Level Guidance



NEA Workshop on Preparedness for Post-Nuclear Accident Recovery

Building a framework for post-nuclear accident recovery preparedness *National-level guidance*

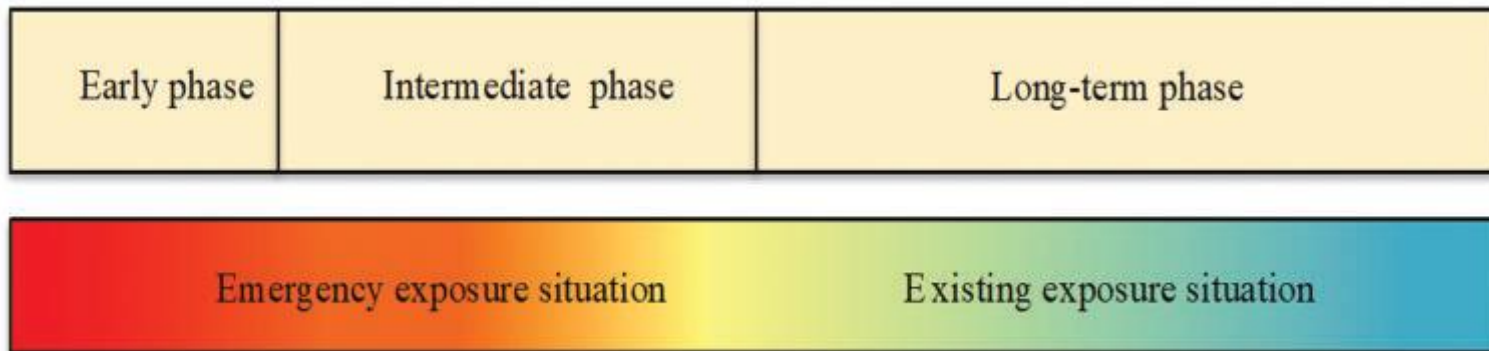
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Recovery Phase

The post-accident recovery phase (which corresponds in the long term to an existing exposure situation) begins when the radiation source at the origin of the accident is considered to be sufficiently secured and/or the exposure situation is adequately characterised to support long-term decision-making (for off-site accidents only the latter applies).



Source:

ICRP (2020), "Radiological Protection of People and the Environment in the Event of a Large Nuclear Accident: Update of ICRP Publications 109 and 111"

What is at stake?

- Loss of livelihood, decline in infrastructure, decline in the health and well-being of individuals and communities;
- Reputational risk for organisations/governments;
- Resources that can be mobilised and their organisation;
- Leadership and coordination capabilities at local, regional and national level;
- Societal, economic (direct and indirect) and psychosocial consequences of the situation will be greatly increased;
- Food trade and consumer trust;
- Difficulties in restoring an acceptable standard of life;

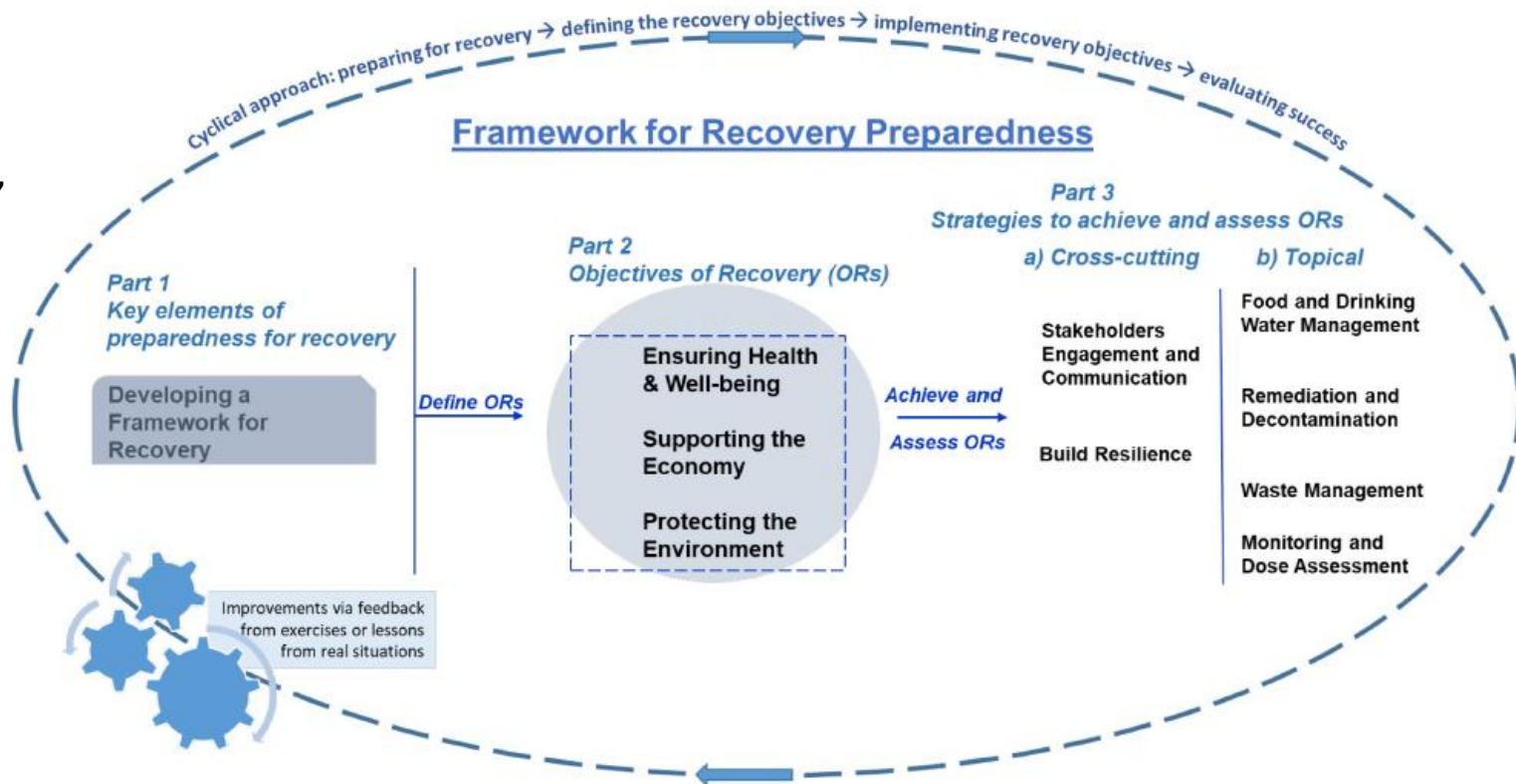
What is at stake?

- Reduced resilience;
- Environmental consequences;
- Lack of preparedness for remediation of inhabited areas, open spaces and food production systems and managing radioactive waste;
- Affected communities may lose trust in the management of the recovery.



The EGRM Recovery Framework

Policies, procedures, principles, objectives, strategies and tools for the purpose of managing the process of recovery from an emergency



The EGRM Team



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Nuclear Energy Agency

Thank you for your attention



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