Different Strategies In Attempting High Level Nuclear Waste Disposal

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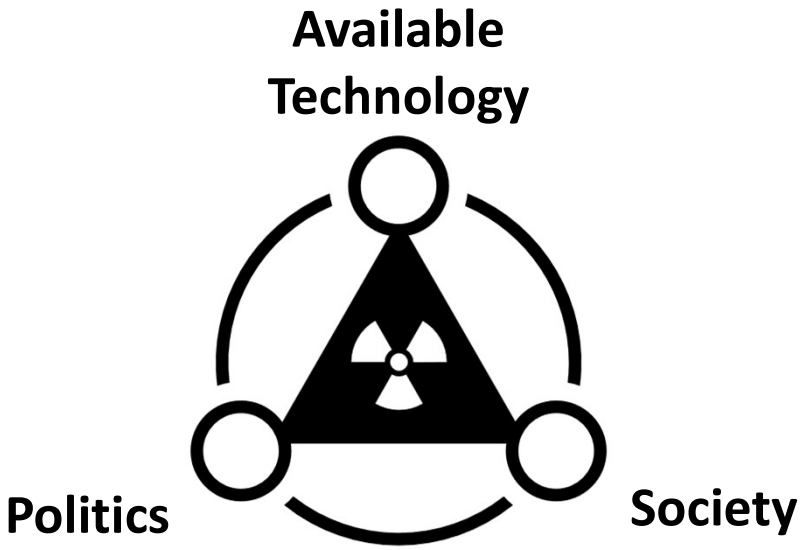
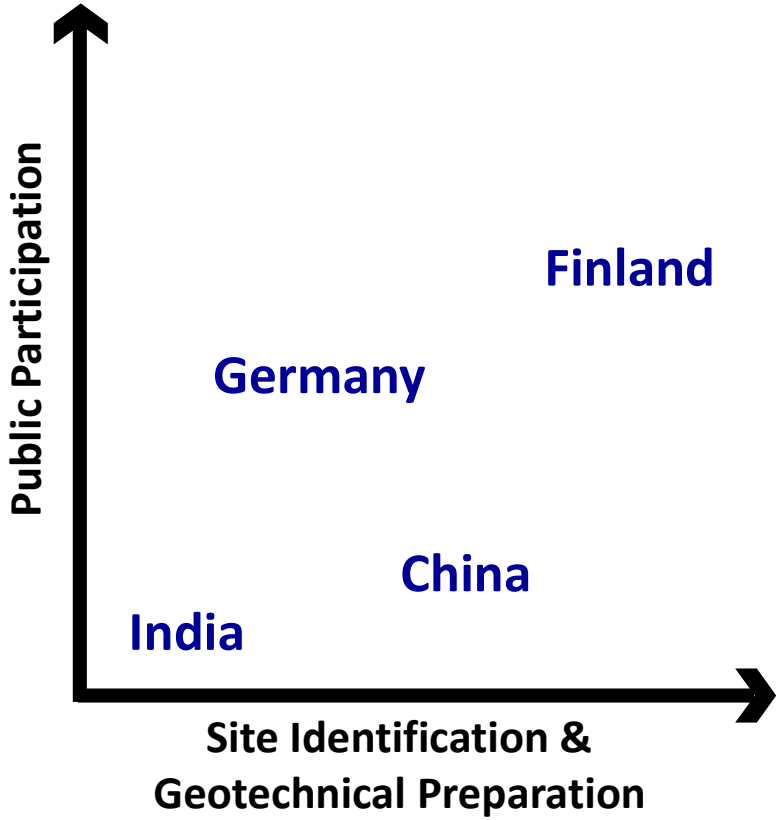
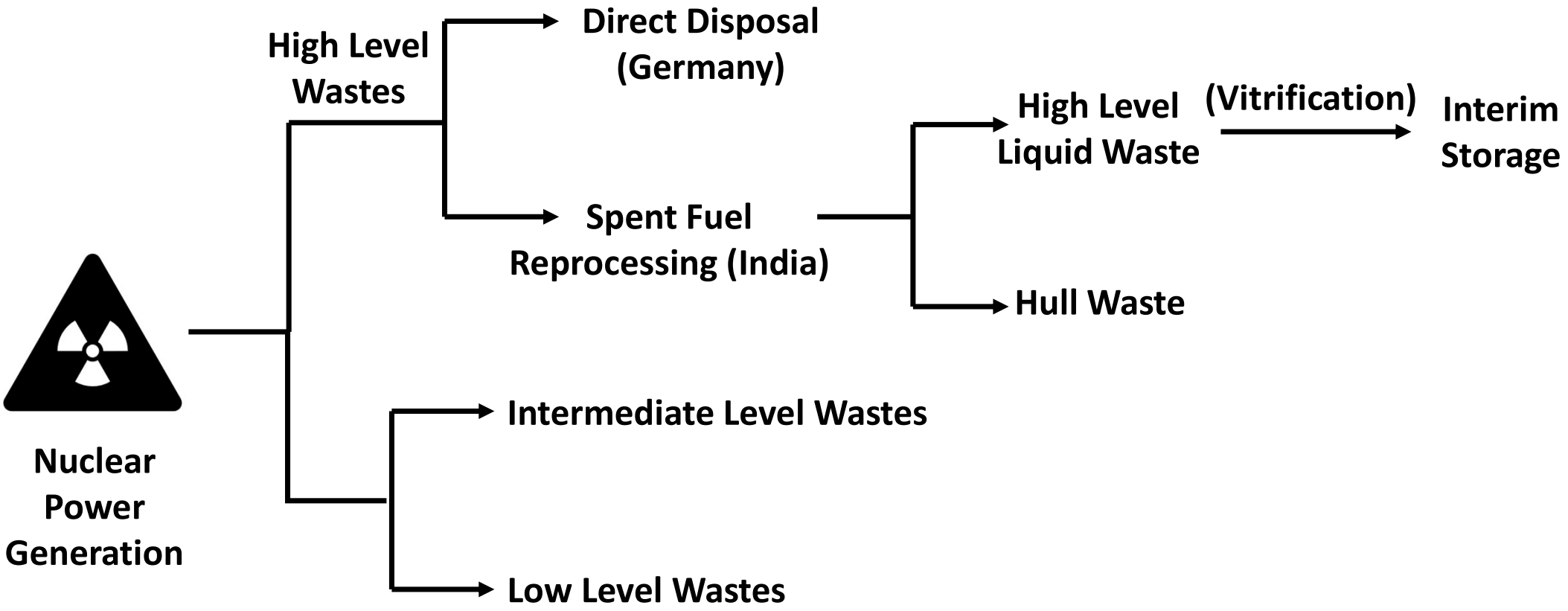
Introduction

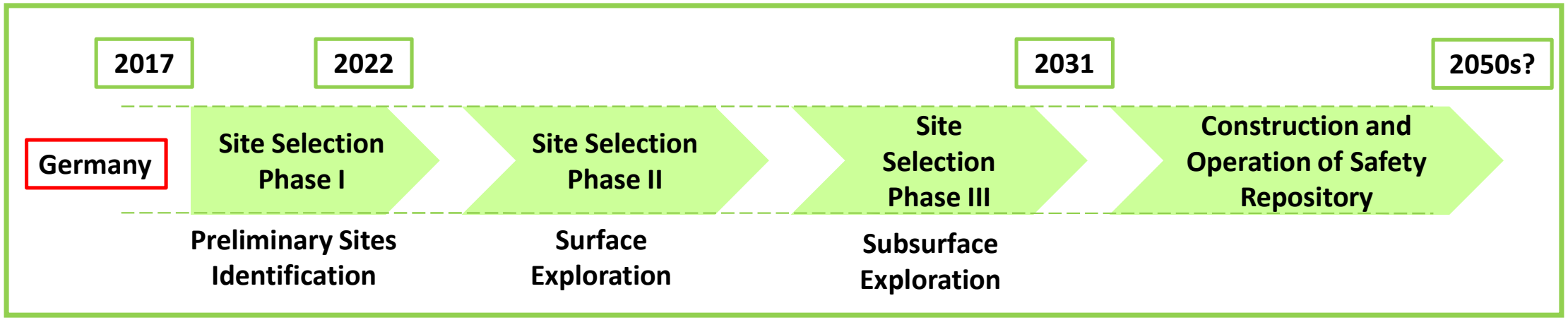


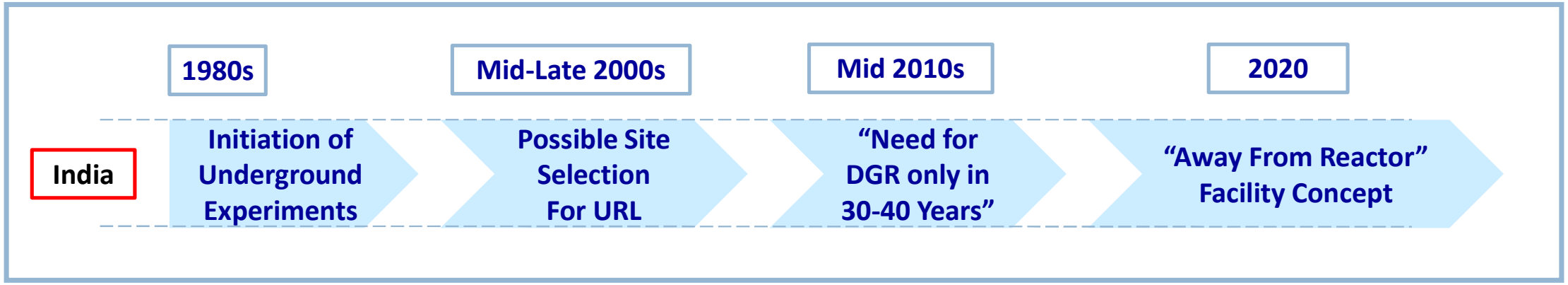


Radioactive Waste Management Strategies



Deep Geologic Repository: Timeline & Narratives





Policies, Public Acceptance and Participation

	Germany	India
 Future of Nuclear Energy for Power Generation	Complete phase-out of nuclear power (2022)	~7 GWe nuclear power capacity, plan to increase to 22.5 GWe capacity by 2031 (WNA, 2021).
 Public Awareness and Acceptance for Nuclear Technology	Past incidences of public resistance against nuclear power plants, disposal of nuclear waste in the aftermath of Fukushima disaster. Not in my backyard (NIMBY) protests.	Past and ongoing incidences of public resistance against proposed nuclear power plants/reprocessing units in Kudankulam, Haripur.
 Public Participation In Decision Making	A continuous participative process with BASE* and NBG** as the intermediary platforms	Decision making is solely done by Central Government, Atomic Energy Act (1962)

**Bundesamt für die Sicherheit der nuklearen Entsorgung*
*** Nationales Begleitgremium*

Future Research

Temporal factor

Geopolitics

Public Participation

Economic Factor

Knowledge

Decision-Making & Process Transparency

A critical approach to understanding the geopolitical, technical, economic and socio-political criteria of locating a deep geologic repository for radioactive wastes

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Thank You