

DEEP ISOLATION FOUNDATION STUDY

A COMPREHENSIVE FEASIBILITY ASSESSMENT FOR NUCLEAR WASTE ISOLATION

Tailored to your needs and requirements, the Deep Isolation Foundation Study applies industry best-practices to deliver a technical and economic assessment of our solution implementation.

Deep Isolation's Foundation Study provides a detailed and evidence-based assessment of our deep borehole disposal solution along six business case dimensions described on the back. This six-case structure represents global best practices designed to ensure compliance with:

The best practice principles adopted in 2018 by the governments of all G20 nations for use in approving infrastructure schemes of national and regional importance

The UK Government's 'Green Book' rules for investment appraisal, which are widely used by other governments, and provide more detailed underpinning for the G20 principles

Investment appraisal guidance from the World Bank

The European Commission's Guide to Cost-Benefit Analysis of Investment Projects

The International Atomic Energy Authority's guidance on Feasibility Studies for new nuclear power projects



CONTACT

sales@deepisolation.com
+1 415 915 6505
deepisolation.com

HEADQUARTERS

2120 University Ave., Suite 623
Berkeley, CA 94704 USA

LOCATIONS

Berkeley, CA, USA | Washington, DC, USA |
London, UK | Seoul, Korea

Drawing on international and local experts, we bring an exclusive set of skills to prepare a comprehensive feasibility assessment that adheres to safety standards, security, and safeguards requirements recommended by the IAEA. This includes:

- Technical expertise to evaluate different options from an engineering and geological perspective
- Project and management system expertise
- Detailed knowledge of the country, relevant communities, and the regulatory environment
- Legal and business expertise
- Nuclear engineering and waste management expertise
- Stakeholder engagement and expertise

A SIX BUSINESS-CASE STRUCTURE



STRATEGY

The strategic rationale for a Deep Isolation solution



ECONOMICS

A comparison of risks, costs, and benefits across options



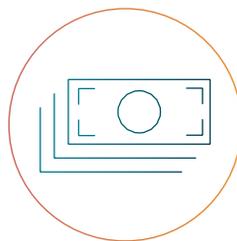
SAFETY

A safety case of regulatory and technical requirements



COMMERCIAL

Risk management, supplier integration, and compliance



FINANCIAL

Budget impact, cost distribution, and affordability



MANAGEMENT

The management case from implementation to operations and monitoring