

Remedial technologies questionnaire

We have developed the questionnaire below to gather further information from our registered vendors that can be uploaded on to the Safegrounds website. It is part of our work to provide case study information that can be shared and benefit all interested parties.

Name of technology	
Class of technology (i.e. treatment, immobilisation, containment, monitoring)	
In-situ/ ex-situ	

Diagram of the technology

Outline description	
Maturity of the technology (general)	
Maturity of the technology with respect to Radioactive Contamination	
Availability in the UK	
Long term durability issues	
Contaminants treated	
Media treated	
If soil, type treated	
Media constraints (e.g. not applicable to clay soils, not applicable to high groundwater flow velocity, etc)	
Duration of the technology	
Long term monitoring requirements	
Limitations and constraints	

Typical equipment required	
Infrastructure requirements (e.g. water, lagoon areas, etc)	
Requirements associated with the treatment area (e.g. construction of treatment pad)	
Aspects of mobilisation and commissioning	
Aspects of operation	
Aspects of decommissioning (including equipment monitoring requirements)	
Maintenance requirement	
Energy use	
Transport requirements	
Potential environmental impacts	
Residuals and emissions	
Abatement requirements	
Monitoring requirements during the processing	
Wastes produced	
Disposal routes for wastes	
Health and Safety Issues (including COSHH)	
PPE Requirements	
Man power requirements and percentage involvement (eg 20% of the duration etc)– including health physics monitoring	
Supporting Ancillary Equipment Requirement (eg dumper trucks, JCB, drill, skips etc)	

Verification requirements of remediation end point	
Regulatory issues	
Other stakeholder concerns (eg noise, dust)	
PPE	
Cost breakdown (overall cost, and as a percentage)	
Overall estimated cost treatment cost (excluding waste disposal)	
Waste disposal cost	
Costs (non-monetary)	
Benefits	
Details of site Investigation requirements to assess potential application	
Details of laboratory trials/ treatability trials	
Details of pilot scale trials	
Lessons learnt from other applications	
Examples of application (Rad)	
Examples of application (Non-rad)	
references	