

In-house Technologies

Celtic's track record of successful remediation project delivery and position at the forefront of the rapidly evolving remediation industry enables us to identify pragmatic and cost effective remedial solutions.

Celtic believes that the company's direct knowledge of systems and equipment facilities development, increases value to the customer and optimises risk management.

While we pursue these strong in-house competencies, Celtic would not preclude procuring the services of other specialist remediation contractors where appropriate.

In-House Remediation Equipment

Celtic believes that direct knowledge of design, maintenance and operation of specialist remedial plant is an important aspect in providing the complete design and construct service to our customers. Unlike many of our competitors Celtic owns over £2M of bespoke remedial equipment, managed and operated by experienced in-house staff.

Benefits

- Improved commercial risk management by removing a sub-contract requirement
- Enhanced system design through experienced engineers providing remedial scheme and technology requirements
- Significantly reduced mobilisation periods for specialist equipment through our design and refurbishment capability
- Reduced system downtime through expert, hands on knowledge of operation and maintenance
- Reduced treatment programmes through continuous system optimisation
- Increased contingency during contract works given our significant asset base
- Retention and benefit of knowledge from previous remedial works

Technologies

In-Situ

- Forced Air Remediation – Air Sparging and Soil Vacuum Extraction
- Bioremediation / Biosparging
- Multi-Phase Extraction
- Gas Diffusion

Ex-Situ Bioremediation

- Windrow
- Static Biopile
- NAPL Recovery
- Chemical Oxidation
- Water Treatment
- Vapour Treatment
- In-Situ Stabilisation
- Ex-Situ Stabilisation