



PROTECTION OF GROUNDWATER AND REMEDIATION OF CONTAMINATED GROUND

Following years during which a wide range of environmental projects have been undertaken, **SOLETANCHE-BACHY** has decided to further develop its activity in the area of remediation of contaminated ground and protection of groundwater, by creating a dedicated subsidiary known as **SOL ENVIRONMENT** and by significantly widening the range of technical solutions available.

SOL ENVIRONMENT will build on the experience of **SOLETANCHE-BACHY** in this field. Their specialist techniques and ability to identify innovative solutions, combined with the extensive resources of the world renowned Soletanche Bachy Group (which has a presence in over 50 countries), will provide the capability to implement those solutions both effectively and efficiently.

In equipping ourselves with a wider range of techniques, our goal is to be able to offer to our industrial clients or developers, tailor-made solutions, on site, managed right up to completion of implementation, thus allowing the treatment of the majority of problems encountered.

The range of applicable processes include notably: the treatment of soils *in situ*, the treatment of contaminated groundwater, containment, permeable reactive barriers, stabilisation utilising the expertise of our subsidiary INERTEC, the initial assessment of a polluted site, followed by the design and execution of appropriate treatment.



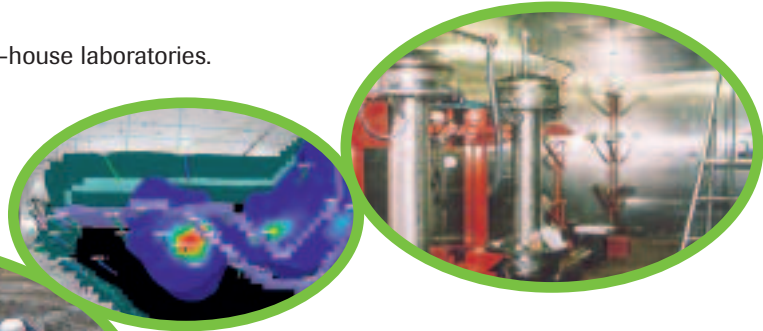
Example of an operational project involving several techniques performed in-house: the reclamation of the site of SOFERTI at Granville for the Grande Paroisse in 2004.



DESIGN AND EXECUTION OF INNOVATIVE SOLUTIONS ON SITE

CONTRIBUTORS TO THE VARIETY OF DESIGN SOLUTIONS

- > A design office, well respected in the fields of hydrogeology, geotechnics and computer modelling.
- > Chemical assessment using the skills of our in-house laboratories.
- > An R&D capacity leading to the development of innovative equipment.
- > A culture of technical creativity.



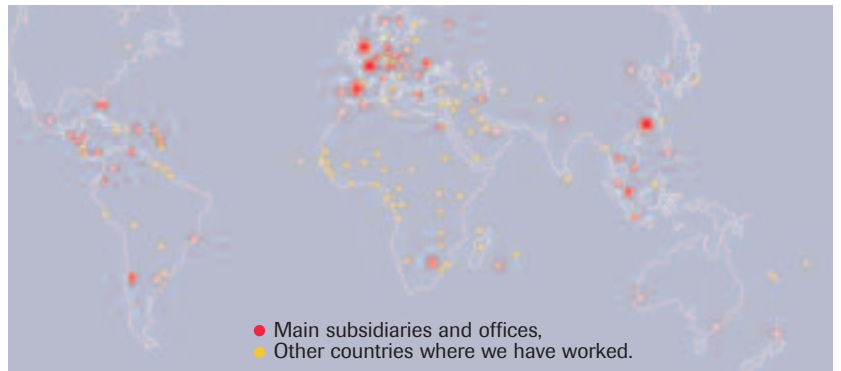
ORIGINAL AND PATENTED METHODS

- > The Permeable Reactive Barrier: treats contaminated groundwater *in situ*, protecting water resources.
- > The Colmix® process: the *in situ* treatment of polluted soils.
- > The Cutter Soil Mixer (CSM) and Trenchmix®: watertight, underground barriers with minimum spoil.
- > Stabilisation: chemical stabilisation of pollutant minerals at source: arsenic, petroleum sludge, heavy metals, chrome 6...



IN-HOUSE MANAGEMENT OF OUR PROJECTS

- > A sizeable presence worldwide.
- > A contractual approach based on a partnership with our clients.
- > The ability to react and mobilise the means necessary to tackle unforeseen difficulties during the course of a project.



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