

# Risk Assessment and Remediation Design, Portoscuso, Sardinia, Italy

Client: Portovesme S.r.l. (Glencore Group)

Service area	Value as of 2015	Project duration
Contaminated Sites and Soil Protection, Remediation, Soil Protection Strategy	€350,000	06/2011 - ongoing



## Project description:

Health Risk Assessment to define site-specific remediation goals for a large (700,000 m<sup>2</sup>) industrial facility in Sardinia.

Site is classified “of national interest” due to critical environmental situation and monitored directly by the Ministry of the Environment.

Preliminary and operative remediation design.

Contaminants of concern: heavy metals (mainly: Cd, Hg, Pb, Zn).

Proposed remediation technologies: dig and disposal, capping and soil flushing.

Estimated volume of contaminated soil: approx. 1,200.000 m<sup>3</sup>.

## Purpose:

- Diffused contamination caused by over 50 years of on-site industrial operations (metals processing)

## Our services:

- Elaboration of site-specific risk assessment
- Preliminary and operative remediation plan
- Definition of potential remediation scenarios and related costs
- Interface with public agencies (including Ministry of the Environment)

## Client benefits:

- Optimization of remediation costs driven by site-specific risk-based remediation goals