PARTNER SEARCH FORM

DATE:

PROJECT INFORMATION

TITLE: Multidisciplinary investigations of the possibilities to mitigating the environmental impact of bauxite processing in the Black See region.

ACRONYM:

SUMMARY:

- Shaping polluted surface area and depth of the basin with red mud produced by geophysical, geochemical and hydro geological methods.
- Making the multi maps on the evolution of pollution in soil, water and air.
- Data integration of knowledge into a unified system for tracking the correlation between monitored parameters and extend the area of pollution.
- Improving bauxite or preparation methods currently used in alumina factories in the secondary recovery of useful minerals and pollutants limiting factors.
- Making maps forecast the evolution of pollution in the Black Sea. Case of study on alumina from Tulcea, Romania.
- Integrated vulnerability assessment and mitigation of consequences produced from bauxite processing activities.
- Research to establish the degree of toxicity of some pollutants in wastewater.
- Management system and integrated control of water and soil resources under the concept of sustainable development applicable at European level

KEYWORDS*:

1. Earth observations and assessment tools for sustainable development
2. Environmental Monitoring & Assessment
3. Geochemistry
4. Geological Engineering & Geotechnics
5. Geology
6. Pollution & Remediation

CALL: BS-ERA.NET 2010

NAME(S) of the PARTNER(S) INVOLVED:

SCIENTIFIC AND TECHNOLOGICAL EXPERTISE OFFERED*: Geological, Geochemical and Geophysical Studies.

PARTNER SOUGHT

SCIENTIFIC AND TECHNOLOGICAL EXPERTISE REQUESTED:

EXPECTE D CONTRIBUTION TO THE PROJECT:

ORGANISATION TYPE*: ☐ Higher Education X☐ Research Institute ☐ R&D Company ☐ SME ☐ Other
HOW MANY PARTNERS ARE REQUIRED?
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*** mandatory fields**