

Ambiente

Partner Search TURKEY - Environment

01 dicembre 2017

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----- PARTNER SEARCH ENV-EU-SMCP-3 -----

<Reference n.: ENV-EU-SMCP-3>

<Deadline: 25/02/2008>

<Programme: > Environment (incl. Climate Change)

Topic EVN.2008.4.1.4.1

<Project Title: SharEARTH: A Cooperative Model for Earth Observation
Operating Capacity Development in the Black Sea Basin>

<Financial Scheme: > Small collaborative project

<Description: The Earth's global environmental systems on land and in the oceans and atmosphere are constantly changing. The changes create unpredictable impacts and implications at local, regional and global scales. Effective management of the Earth system in both its natural and human aspects requires better understanding of these changes which all make our life more difficult in today's world. Because of the global nature of the changes, no individual, country or organizations is capable of managing the wide range of information sources itself. Today, in the black sea region with millions of inhabitants and many environmental, demographic, geophysical and economic parameters changing constantly, it is becoming increasingly difficult to manage the operations on the areas of EO. The cross border collaboration is the key element to manage overall system operations. Only by joining countries with multi sectors and multi disciplines can the diversity and complexity of Earth system be fully appreciated.

Within above framework, the project objectives are splited into six main parts: a general, a scientific, a technical, a social and economical, a cultural and a policy. The main goal is to establish well designed cooperative platform for EO operating capacity

development in the Black sea basin. This research proposal outlines the overall scientific and managerial approach to better understand human, institutional and Infrastructural characteristics of the countries. Going this initiative means devising, adopting and making use of innovative methods and facilities for managing; accessing, interpreting, implementing and visualization of Black Sea Country's EO based capacities. It is about turning information lying in various complex EO related resources into active knowledge, readily accessible through new channels for the benefits of the public, such as the Internet and specific to our needs. In order to optimise the Black sea countries contribution to the GEOSS and to European initiatives, project will take advantage of the gathering of the existing networks of observations.

The project will be implemented as an innovative cooperative model with direct involvement of the participating, Black Sea Basin stake holders. It is divided into four main stages; 1) understanding the overall Black Sea system, 2) development of the optimized management model, 3) strengthening human, infrastructural and institutional capabilities and capacities and 4) sustaining and advancing the system. All these will be helped to close the gaps in our knowledge about the Black sea basin.

As a conclusion, the project approach will increase 1) synergy between the countries and 2) shared information value in a spatial dimension for Earth and 3) the level of science and technology used in the government, research and academic institutions. The anticipated result after all is making EO available at the click of mouse for everyone. The duration of the project is approximately 54 months.

<Organisation Type: Research Center>

<Partner Sought: Partners from Black Sea Region.

Each participant country from Black Sea Basin, should be familiar with EO and GEO activities, should be working with EO based systems and must be aware of EO activities in their home country.>