

Eliante

ideas, projects and actions for the environment

Eliante is a Social cooperative providing consultancy in the field of environmental sustainability. In addition to extensive experience in the fields of environmental education, protection of biodiversity and the promotion of energy efficiency, the members of Eliante are able to offer other skills in the field of environmental communication, responsible tourism and development cooperation.

Independent and skilled, Eliante is interested in the development of partnerships and collaboration with high profile organizations at national and international level. We bring, primarily, skills in writing projects, including budgeting, development of objectives and logical frameworks, on various social and environmental topics. With the idea that there is no true development without environmental sustainability,

Eliante offers the experience of its members, gained in several developing countries to development agencies. Focusing on themes as the natural resource management or water and sanitation, we can work on projects monitoring and evaluation, impact assessment, scientific consultancies and project cycles management.



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NATURAL RESOURCE MANAGEMENT

The projects of natural resource management represent a strong target for Eliante, able to provide development officers with expertise in scientific issues. Its members are geologists, biologists. We can offer:

- **Data Collection and analysis.** Design and implementation of protocols for field data collection and data analysis for monitoring, surveys, estimates and maps of abundance, species richness and biodiversity, identification of environmental variables influencing or limiting the wildlife populations.
- **GIS and cartographic analysis.** Thematic mapping of natural resources and various technical analyses.
- **Integrated Management plans** for sustainable use of natural resources. Design of protected areas and PAs management plans.



MONITORING AND EVALUATION

Projects should be monitored, in order to re-address implementation and reduce mistakes hazard. They should be evaluate, as well, in order to assess the relevance of the action and the impact of the outcomes. We realize M&E activities based on the good practice of lessons learned, analyzing strengths and weaknesses of the projects.

- **Monitoring.** We can implement monitoring on behalf of implementing organizations, with the aim of bringing technical advice on project management of natural resources and water. We can offer, technical advice on project management of natural resources and water and sanitation.
- **Evaluation.** We can conduct ex ante, in itinere, final and ex post evaluations on behalf of donor agencies, in order to assess the relevance of the project, the degree of success and the impact in the long term.



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EDUCATION AND AWARENESS CAMPAIGNS

Community based Conservation is based on participation. Eliante's staff is composed by scientific staff, but also by long-experienced educators and expert in participatory approaches. We work about:

- **Human dimension** of conservation projects. Eliante has built an experience, both in Europe and in developing countries, of participatory approaches and about typical community-problems. We facilitate participatory resource and needs mapping, the development of programs for the participatory resource management (e.g.: forests) and the conflict management for multiple use of resources (e.g.: water). We facilitate training processes and the creation of committees of management, programs of participatory management and accountability in the use and protection of resources.
- **Human-wildlife conflicts.** We have built experience on developing co-existence between carnivore wildlife and human populations. The problems often occurs and characterize the economies of the countries in the developing world.
- **Education.** We plan and implement environmental education programs for school-aged children and adults about sustainability, energy saving and ecosystem services awareness. We build teaching materials and implement field-based campaigns.



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**WATER RESOURCES
- WATER AND
SANITATION
AND HEALTH**

Eliante' staff include hydro-geologists and environmental professional, with a long term experience in water and sanitation practices both in development and emergency projects. We can provide:

- **Community Need assessment.** We conduct WASH needs assessment at community level for water and sanitation.
- **Technical Water supply.** We design and supervise the implementation of water supply systems (sources and aqueducts), by a modular approach and sized on the demand of the beneficiaries.
- **Development of strategies at basin level.** We implement GIS based watershed analysis, integrated resource management systems and plans for sustainable development of water resources.
- **Management of water resources.** We identify modalities of water management, participatory and sustainable, including technical training and set up of administrative management bodies at village scale.
- **Development of the territory.** We support territorial development plans, with integrated use of water resources, in a food - water-energy relationship framework.



**GIS -
GEOGRAPHIC
INFORMATION
SYSTEMS**

We develop several geographic analyses, both for Conservation and Water and Sanitation.



- **Organisation and analysis of geographic databases.** Definition of the structure of the organization of information and analysis procedures in a GIS as a tool for formulation, monitoring and decision making in the areas of resource use and environmental planning. Creation of integrated databases associated with cartographic visualization.

- **GIS analysis for the monitoring and evaluation of projects.** Methodological support and formulation of procedures for M&E. Characterization and geographic distribution of impact - projects on the territory. Time series analysis of geographic data measured on the ground and remote sensing study of the dynamics in natural processes and relationship with the modifications related to projects of cooperation.

- **Analysis of risk.** Support analysis of risk and vulnerability to natural disasters. Integration of mitigation and disaster preparedness in planning and in developing policies and development strategies.

- **Training.** Theoretical and practical training customized to specific applications in the use of GIS mapping systems of the territory and use of remotely sensed data (in the form residential intensive meetings or distributed over time, short courses in foreign countries (even in the context of activities' of cooperation projects)).

- **GIS in Water and Sanitation.** GIS use and geographic analysis in the design of water and sanitation systems, also applied to specific thematic softwares (e.g.: epanet, software for pipelines lining).

- **GIS for Conservation.** Thematic mapping of natural resources. Habitat selection and home range analyses. Ecological connectivity and landscape analyses. Cartographic analysis and management of GPS field data by various property and open source GIS softwares. Development of cartographic tool for PA management.



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