

RECUITIVATION AND COMPLEX REHABILITATION OF OLD POLLUTED PLACES AND INDUSTRIAL SITES - SAND QUARRIES IN THE AREA OF ISKAR AND LESNOVSKA RIVERS

Project Objectives;

Preparation and implementation of a pilot project for management of degraded area and a model for a suburb recreation and sports zone.

EXPECTED RESULTS: Positive health, environmental and economic effect, consisting in:

1. Recultivation and rehabilitation of the waste-polluted terrain's, industrial sites and old sand quarries along the rives Iskar and Lesnovska with first priority - the lands around the airport of Sofia, the "Vrana" residence, Gorubljane, Kremikovzi;
2. Shaping the water areas as a Hydropark and reducing the mining of building materials from the runways of the rivers Iskar and Lesnovska;
3. Restoration of the water resources and creation of a polyfunctional buffer zone of vegetation massifs with a high purifying environmental effect between the industrial areas and the city of Sofia.
4. Efficient use of water resources;
5. Building a SPA -centre using the mineral waters in the region of Tchepintzi.
6. Developing an environment for recreation, sports and recovery of human health.

General Technical Description;

The Pilot Project includes recultivation and complex recovery of the qualities of environment in the degraded terrain's along the river valleys of the rivers Iskar and Lesnovska in Sofia Region.

PROBLEMS:

1. Drying of the surrounding agricultural arable lands.
2. The terrains near the quarries have turned into uncontrolled dumping sites for technologic, construction and household wastes
3. The unsolved and the newly arising severe environmental problems provoke with good reasons in recent years protests by non-governmental movements and complaints by the residents of the neighborhoods Vrazhdebna, Krivina, Iskar, Tchelopecene, Kazichene, Abdovitz, Milenkov, Malashevtsi, Busmantsi and Negovan.

CONCLUSIONS: The analysis of the existing situation shows that the deteriorated environmental conditions are mainly due to the lack of endorsed general, uniform concept and the lack of resources to ensure reasonable economic activity, recultivation of the terrain's damages and subsequently their development as a sports and recreation green zone.

TYPE OF PROJECT: Study, design and investment for realization.

PROJECT STATUS: There are designs for building the so-called Hydropark Iskar since 1985.

Scope of Work

1. Creation of Co-ordination Council or other organization with representatives from competent governmental and local administrative bodies for implementation of the project.
2. Assessment of the existing documentation and creation of data base, necessary for preparation of the project.
3. Elaboration of an Action/Business plan for development and management of the territory;

4. Determination of the investors, the investment patterns and the realization by stages of the project;
5. Realization of the project - the part involved in the Ecological Zone "SOFIA-EAST"
6. Monitoring of the results and future management of the territory under specific indicators;

Proposed Budget

I Stage - 75 000 Euro; It includes detailed assessment of the area, technical project for implementation, specification of the materials and author control of the implementation.

II Stage - The real budget will be presented in the Technical Project. We can just propose and possible general sum - 250 000 ECU; It includes all investment for realization of the Technical Project, the supply of materials and technical, fees and taxes for the working people, supervision, the needed guarantees.

Requirements:

1. The project must be developed under the principles of Agenda 21 and the indicators for sustainable development, developed for the Ecozone Sofia-East
2. The stages of implementation, as well as the possible changes must be approved by Sofia Municipality and co-ordinated with the Ministry of Environment and Waters;

Time Schedule

I Stage - 7 months;

II Stage - 12 months;

Procedures and Administration

The Pilot Project is part of the Environmental Management Plan for Ecological Zone "Sofia-East".

Type of the Project

Assessment, project elaboration, organization and implementation



Quarry	Condition of the reserve (m3)	Yearly extraction (m3)	Period of existence (years)	Area (ha)	Owner
1. Stari silozi /Airport /	119300	106000	1.09	45.2	Governmental Company
2. Koriata /Vrazdebna/	263200	161000	1.05	56.3	Governmental Company
3. Novi Silozi /TPS/	549000	247700	2.10	83.9	Governmental Company
4. Lakes Dolny Bogrov	--	--	--	30.0	Sofia Municipality
5. Kazichene	--	--	--	--	Sofia Municipality