

OBJECTIVES OF THE IMPORTANT SCHEMES

ARSENIC CONTAMINATION IN UNDERGROUND WATER IN SINDH:

Approved cost Rs. 10.654 million

Objectives:

- Conduct comprehensive survey in 4 districts namely, Dadu, Ghotki, Sukkur and Jacobabad so that data with the facts and figures are available to prepare the mitigation action plan.
- Organize awareness programme through information, education and communication (IEC) material for councilors, community members including teachers, health care providers, members of CBOs / NGOs, scouts etc in these districts.
- Coordinate with the concerned district governments and related government departments, organizations and agencies in the area for implementation and awareness of the programme.
- Identify the most affected areas and suggest implementation of mitigation Programme.
- To strengthen EPA laboratory at Karachi as to determine the validation of tests of arsenic samples to be collected from the field.

PUBLIC AWARENESS AND ENVIRONMENTAL EDUCATION IN RURAL/URBAN SINDH:

Approved cost Rs. 4.50 million

Objectives:

- The main objective of the public awareness scheme is to disseminate information and raise awareness on environmental issues of Sindh Province.
- To disseminate information to general public regarding remedy of environmental hazards through judicious use of electronic and print media.

- To bring behavioral change in public regarding environment and its related issues so that they may play their role individually as well as collectively in protection, conservation, improvement and rehabilitation of their local environment.
- To mobilize communities through workshops and seminars as to perform effective role for projection of environment.

ENVIRONMENTAL STUDY ON HOSPITAL WASTE MANAGEMENT FOR ONE MAJOR GOVERNMENT PUBLIC SECTOR HOSPITAL AND ONE PRIVATE HOSPITAL

Approved cost Rs. 2.00 million

Objectives:

- To determine the type/composition of hospital waste in public and private hospitals of Sindh that mainly includes sharp and Non-sharp infectious waste.
- Examine and determine the environmental risks involved in hospital waste management like residual of incinerators and develop ways/methods to reduce and dispose of them.
- To prepare an emergency/contingency plan in case of accident.
- To propose the safety measures for the persons involved in handling, transporting and disposing of infectious waste.
- To examine and determine the role of City District Government and Health department regarding hospital waste management.
- To examine and suggest Federal/Provincial Governments and regulatory agencies how to come up with some legislation regarding treatment and disposal of infectious waste and elaborate their role regarding compliance of these rules.
- To examine and propose the trainings for the medical, paramedical and house keeping staff regarding waste minimization, segregation and handling of infectious waste at all stages.

- To prepare public awareness programme in order to minimize waste generation and collection.
- Based on the research of policies/strategies adopted by a big and reputable hospital like Agha Khan, recommendations would be made and submitted to the Sindh Government to initiate similar steps in other public and private hospitals of Sindh.
- Develop a comprehensive plan to provide a workable coordination between the City District Government. Incineration facility (if not available) in public and private hospitals of Karachi would be suggested on the basis of findings of study in order to dispose of their infectious waste in a sound and safe environmental manner.
- Any additional assignment/scope to be mutually worked out in the fulfillment of the objectives of the study.

Vehicular Emission Control Programme.

Approved cost Rs. 30.25 million

Objectives:

- Improvement of air quality of the city.
- Improvement of the quality of vehicles operating in the city.
- Improvement of the aesthetics (trees, buildings, monuments, etc.)
- Improvement of health of the commuters, traffic policemen as well as the people residing in and around the commercial areas and busy roads.
- Development and implementation of a fleet management system by transporters and commercial vehicles owners. Under this project different transport associations will be contacted and to aware them about benefits of fleet Management System, like to keep up to date data of every vehicle about their age, mileage, dates of tune-ups, emission testing reports, next date of tune-up etc. In this process awareness leaflets will be designed and distributed to them and their vehicles on the spot will be checked. Meeting will also be held with association regarding awareness for tune-ups.

- Control of adulteration in fuel and oil (as a result of demand of cleaner and unadulterated fuel by vehicle owners including transporters)

ENVIRONMENTAL MANAGEMENT UNIT (EMU)- SIDA

Approved cost Rs. 94.00 million

- Provide leadership in environmental management in prioritizing, gathering, analyzing and using operationally relevant environmental data.
- Promoting farmer's participation in environmental management and drainage system.
- Carry out Environmental Impact Assessment of the rehabilitation works, lining of channels, remodeling canals and drains and also rehabilitation of Sukkur barrage in WSIP project negative environmental impacts.
- Coordinate with concerned organizations.
- Facilitate gender participation in the Environmental Management System in Irrigation and Drainage.
- Support to the dissemination GIS/EDMIS information regarding the projects objectives, policies, impacts and programmes to stakeholders.
- Coordinate with Wildlife, Forest, Fisheries and Livestock Departments regarding Wetland Management Plan and Environmental Awareness Programme.
- Coordinate with Industrial, manufacturing Units and Local / District Government regarding municipal and industrial effluents disposal as per Pakistan Environmental Protection Act, 1997.