Phase III Activities & Duration of each Component

Phase2 Outputs

A. Risk Reduction for Chlorine in Water Treatment Facilities

A1.Assessment of Current Situation
A2. Feasibility Study for Facility Requirements .
A3.Enhancement of the selected Facility
- A31. Civil work
- A32. Safety systems
- A33. Alarm systems

A4. Safety program
- A41. Preparation
- A42. Implementaion

A5. Risk assessment
- A51. Cloud dispersion
- A52. Damage assessment
- A53. Emergency response plan

A6 .Acknowledgement of achievements
- A61. Risk assessment presentation
- A62. Presentation of the rehabilited project
- A63. Final presentation of the water purification facilities

A7. Training and Workshops
- A71. Training for installations workers
- A72. Inception workshop for Giza Gov. & competent authorities

A8.Awareness
- A81. Awareness and preparedness guidelines
- A82. Translate and issuing technical file

A9. Monitoring , Evaluation and Follow- Up

Out Puts (1)

B. Risk Management for Industrial Zone (10th of Ramadan)

B1. Meeting with Industrial facilities management
B2. Meeting with Authorities
B3. Field survey management and supervision
B4. Risk/damage assessment coordination
B5. Risk cadastre coordination.
B6. Revise the regulations and safety aspects of hazardous substances and waste
B7. Assessment the expected risk from hazardous substances exposure and handling.

B8. To highlight the management of hazardous substances crisis and the emergency response needed .

B9. System design .
B10. Define detailed database.
B11. Program , adopt functions.
B12. Collecting data for Geoghraphic Information System
B13. GIS application
B14. Development of digital map of10th of Ramadan City.

B15. Training and Workshops
- B151. Training workshop for workers of8 selected industrial sectors (2 Training Seminars for each one) .
- B152. Inciption workshops for all sectors.

B16. Awareness
- B161. Awareness and preparedness guidelines.

B17. Monitoring , Evaluation and Follow- Up

OutPuts (2)

C. Hazardous Waste (HW) Information & Management System (10th of Ramadan City)

C1. Assessment of Current HW Situation
- C11. HW Identification & Classification.
- C12. HW Sources.
- C13. HW Quantities.
- C14. HW Legislation.

C2. Building a Data Base for HW
C3. Design of a New Management System for Hazardous Waste Handling
- C31. Transportation.
- C32. Storage.
- C33. Treatment & Disposal.

C4. HW Warehouse.

C5. HW Web-Site.

C6. Training and Workshops.

C7. Awareness
- C71. Awareness and preparedness guidelines

Component 1 — 6 Months

Component 2 — 12 Months

Component 3 — 12 Months

30 Months

Integrated Management for Hazardous Substances and Hazardous Waste