



## ROMANIA

### TECHNICAL ASSISTANCE FOR MANAGEMENT AND SUPERVISION OF ISPA CONTRACTS, CONSTANTA



<b>Client</b>	CFCU - Bucharest RAJAC - Constanta
<b>Partner</b>	ICON - Institute, Germany
<b>Financing</b>	EU - Phare European Bank for Reconstruction and Development (EBRD)
<b>Duration of Services</b>	2001 - 2008
<b>Cost of Services</b>	7.5 Mio. EUR
<b>Cost of Implementation</b>	79 Mio. EUR

#### Scope of Services

- General co-ordination and management
- Procurement of services
- Procurement of works
- Supervision of works of contract A/ B/ C and D
- Management support
- Masterplan for water and waste water management and sludge disposal (incl. EIA, Industrial Wastewater Effluent Study, Sludge Study)
  - identification of existing WS and WW systems
  - identification of environmental problems
  - identification of priority requirements
  - development of WW and WS projects
  - preparation of a long-term investment plan

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## Brief Project Description

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### General Information

Within the present ISPA Programmes, it is envisaged to give the effective wastewater treatment the highest priority to guarantee the protection of the environment, especially in this coastal zone of the Black Sea. Therefore, the programme includes measures that will allow the City of Constanta to modernise the majority of its wastewater facilities and to put a wastewater system in place that will meet the basic hygienic and environmental requirements of a modern city in Europe.

The envisaged measures include clearly the following :

- extension of WWTP Constanta North up to 238,000 m<sup>3</sup>/d
- the construction of the Eforie WWTP (30,000 m<sup>3</sup>/d)
- rehabilitation of pumping stations in Constanta (Q<sub>tot</sub> = 1700 l/s)
- the rehabilitation of pumping stations in Eforie
- the rehabilitation of pumping stations in Mangalia
- the construction of the sea outfalls from Constanta North WWTP
- the construction of the sea outfalls from Eforie WWTP

Besides the technical components such as wastewater treatment and drainage systems, pumping stations, etc. Another important component of the present services to be rendered by the Consultant is to strengthen the institutional level.

By identification of deficiencies in the institutional arrangements and presentation of feasible proposals, the sustainability of the technical part of the project can be guaranteed. Physical rehabilitation and improvements will fast deteriorate, if the different components are not well operated and maintained. Within the present project, the Consultant will put emphasis on capacity building, transfer of knowledge and training as main elements of the approach.

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### Detailed Scope of Services

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- general co-ordination and management
- procurement of services
  - review of ToR for marine and geotechnical investigations
  - tendering of marine and geotechnical investigations
  - supervision of marine and geotechnical investigations
- procurement of works
  - preparation of final tender documents
  - answers to tenderer's questions
  - evaluation report
  - assistance in contract negotiations
- supervision of works of contract A/ B/ C and D
- management support
  - institutional strengthening
  - master plan for water and wastewater
  - management and sludge disposal
  - EIA follow up
  - study on industrial wastewater effluents
  - study on agricultural use of sludge