

Integrated Solid Waste Management for Ganja, Azerbaijan

Project Description

The City of Ganja is the second largest city in Azerbaijan with approximately 390,000 inhabitants, and it is assumed that the population number will rise substantially along with the economic development in the future. With regard to solid waste management (SWM) there is a high demand for safe disposal of municipal solid waste (MSW) as the existing dumpsite does not meet international environmental and sanitary standards, for enhancement of waste collection services as a large percentage of the population is not served as well as for technology to utilise waste capacities instead of dumping. The challenge is to develop a sustainable Integrated Solid Waste Management (ISWM) system in spite of the existing lack of financial resources. The consulting consortium ERM – IU – TEMPO – ASPI, led by ERM, has been contracted to develop such a system.

Results

- A comprehensive ISWM system is developed for the City of Ganja
- Improved technical and financial efficiency of SWM
- Socially responsible and acceptable fees are implemented as basis for financial sustainable operations
- An environmentally sound and socially reliable landfill is identified and implemented
- Most advantageous method for waste treatment is identified, that provides the maximum reduction of waste quantity for landfill
- Optimum timing and operator model is determined, possibly with private sector involvement

Our Services

- Development of a logistic concept
- CDM assessment considering different waste treatment options
- Reporting and documentation
- Backstopping

Contact

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Sector:

Solid Waste Management

Countries:

Azerbaijan

Location:

City of Ganja



Client:

MoED, Ganja City

Partners:

ERM, TEMPO ASPI

Financing:

KfW Entwicklungsbank

Duration:

07/2011 – 04/2013