

Feasibility Study for an Integrated Solid Waste Management, Vanadzor

Project Description

With a population of 105,000 Vanadzor is the third largest city in Armenia and the capital of the Lori Marz (province). With regard to solid waste management (SWM) Vanadzor is especially facing problems with its existing dumpsite as well as its waste collection system. Therefore the city pursues the goal to establish an environmentally sound integrated solid waste management (ISWM) system, especially emphasising the identification and construction of a new modern sanitary landfill. This way, both environmental pollution and health risks shall be reduced and at the same time sustainable growth of the entire region be fostered. Within the project not only the Municipality of Vanadzor but also the surrounding villages shall be considered.

Within the framework of the Armenian-German Financial Cooperation the Consulting Consortium ERM – IU – ATMS, with ERM as Lead Company, has been contracted to support the Municipality of Vanadzor in its efforts to implement an ISWM system.

Results

- A suitable location for a new sanitary landfill is identified
- The feasibility for the new sanitary landfill is assessed
- The waste collection system is improved
- An upgraded waste transfer and transport system is implemented
- An operation and administration concept for the new ISWM system by a private or public operator is developed.

Our Services

- Development of the waste collection and transportation concept
- Preparation of a waste quantities analysis
- Documentation and reporting
- Backstopping

Contact

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Sector:

Solid Waste Management

Countries:

Armenia

Location:

Municipality of Vanadzor/ Lori Marz



Client:

City Administration of Vanadzor

Partners:

ERM GmbH, ATMS Solutions LLC

Financing:

KfW Entwicklungsbank

Duration:

07/2012 – 10/2015