

Concept Development, Project Implementation, Tendering and Training for a Healthcare Waste Management System in North-East Anatolia with Special Focus on the Samsun Region

Project Description

Within the German-Turkish Cooperation Project "Solid Waste Management Project Samsun" the consortium IGIP – IU – TEMPO has been commissioned to elaborate a study on different options of HCW treatment and disposal for the project region.

A new Regulation on HCW Control came into force, defining new treatment and disposal options. Therefore the study in the different treatment and disposal technologies have been discussed and compared. Due to the local requirements technologies; sterilisation, incineration and direct landfilling were analysed in detail.

Four scenarios have been developed:

- Treatment in each hospital of the Samsun region
- A treatment plant for the Samsun region
- A treatment plant in cooperation with the Erzurum and the Trabzon/Rize region and
- A treatment plant for the entire North-east Anatolia.

As a result of this study the recommended solution is the realisation of a central treatment plant for the project area of Samsun. The project implementation was supported by IU until operation start of the new HCW management system.

Our Services

- Status-quo and problem analysis;
- Development of a safe, reliable, cost efficient and environmentally sound healthcare waste system;
- Training of the staff of the municipality and the hospitals;
- Tendering of the treatment plant, construction works and collection vehicles;
- Supervision of construction works, taking-over of works and supplies;
- Supervision of operation start and follow-up mission for controlling of daily operation;
- Implementation of a monitoring, collection and transport system as well as a tariff system for HCW Management.

Contact

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Sector:

Solid Waste Management /
Healthcare Waste

Countries:

Turkey

Location:

Samsun



Client:

Metropolitan Municipality of Samsun

Financing:

KfW Entwicklungsbank

Duration:

2005 – 2008