Project Details

Background
The Integrated Solid Waste Management (ISWM) Project aims to introduce in Lebanon the techniques of a modern system to manage waste, reducing the amounts being disposed into landfills, recovering material and energy, and producing compost for various uses. The Ministry of Environment, through the UNDP Energy and Environment Programme, is undertaking the implementation of the Integrated Solid Waste Management activities in an environmentally sound manner.

The MoE tasks (through UNDP) consisted originally of constructing a modern sanitary landfill with the rehabilitation and restoration of the Kayal dumpsites. While OMSAR undertook the construction of the sorting/composting facilities with funds from the EU, and COSV the biogas and electricity generation plant, also with EU funds. However, based on the outcomes and recommendations of the Master Plan prepared for the “Integrated Management of Municipal Solid Waste for the cazas of Baalbek and Hermel” the roles and scopes were redistributed among the partners depending on identified priorities and availability of funds. The MoE through UNDP will now be implementing the secondary collection system, in addition to setting up the needed infrastructure and capacity building at the municipality, instead of the construction of the sanitary landfill cells.

Achievements & Expected Results
Achievements as of February 2017
- Executive Design of a sanitary landfill (at least 200,000 m3) completed according to the European standards of reference and handed over to OMSAR who will execute the related works with funds from the EU.
- The fleet of waste collection trucks was procured and handed over to the Baalbek municipality.
- Baalbek maintenance workshop was rehabilitated and equipped.
- The rehabilitation of the Kayal dumpsites could not be completed awaiting the construction of a proper sanitary landfill.
- The bid to procure the co-generator was canceled after the incident of setting the sorting/composting facilities on fire the night of 24/25 Sep 2016 by an unknown group.

Issues & Difficulties
- Political instability and security situation in the country