

# Bouira Algeria Solid Waste Management Plan

EDESSA was retained by the European Investment Bank (EIB), acting on behalf of the Algerian Government and funded by the European Community, to redefine the Solid Waste Management Plan for the city of Bouira, Algeria. The management plan included the following:

- Revision of the existing waste management plan for the city of Bouira, Wilaya of Bouira in accordance with appropriate national and international norms;
- Preparation of a rehabilitation plan of the existing dumpsite;
- Preparation of preliminary design documentation for developing a controlled landfill for municipal waste at the selected dumpsite near Bouira, in line with EU design standards.



The purpose of the study was to develop an effective solid waste management plan for the City of Bouira, adequate in maintaining good standards of public health, sustaining economic development, and improving the living environment.

The project was conducted using comprehensive assessment of the solid waste management condition in Bouira and recommending changes needed to ensure sustainable and long term effective solid waste management operations. The plan also identified implementation guidelines in line with international regulations required in order to ensure cost effective solid waste management plan and a landfill that minimize hazards to human health and the environment.



Typical recommendations addressed as part of the study included the following:

- A strategy for the closure of the existing dumpsite and rehabilitation for future use as a sanitary landfill.
- A recommended standard of construction for the landfill site in accordance with Algerian national standards and European landfill regulations.
- Preliminary design for the sanitary landfill in line with European landfill regulations ensuring economic feasibility over the entire landfill life.