

Environmental and Social Data Sheet

Overview

Project Name:	W Macedonia Waste PPP
Project Number:	2011 0280
Country:	Greece
Project Description:	The project comprises the design, construction, operation and maintenance of an Integrated Solid Waste Management System (ISWMS) for the treatment and disposal of waste in the area of West Macedonia.
EIA required:	YES

The Non-technical summary for the updated EIA based on the technical solution selected in the on-going tender, will be published on the EIB website as soon as it is available, and in any case prior to disbursement.

Project included in Carbon Footprint Exercise¹: This will be determined in the 2nd stage appraisal based on analysis of the technical solution selected in the on-going tender. Relative emissions are expected to exceed 20 kt CO₂e/year.

Summary of Environmental and Social Assessment, including key issues and overall conclusion and recommendation

The project concerns implementation of waste treatment and disposal facilities for residual municipal waste under a design, build, finance and operate contract, currently under procurement. The project facilities will be constructed on a backfilled lignite mine site located next to an existing sanitary landfill.

The project will provide an alternative mode of treatment of residual waste generated in the region, which currently is disposed on landfills. It will thus contribute to diversion of waste from landfill disposal in line with national and EU policy and targets. The project will also enable some recovery of recyclables and contribute to reduction of greenhouse gas emissions by diversion of biodegradable waste from landfills. Further details on project impact and mitigation measures will be available in the 2nd stage appraisal after conclusion of the on-going tender.

Environmental and Social Assessment

Environmental Assessment

The project falls under Annex 1 of the EIA directive (85/337/EEC as amended), and accordingly a full EIA is required for the project. The project, as represented by a reference project, has received an EIA approval. However, the preferred bidder has to apply for a new EIA permit based on an update of the EIA permit based on the chosen technology.

The project is not having any impact on protected areas under the Habitats directive (92/43/EEC) or Birds Directive (79/409/EEC). The closest protected or Natura 2000 area is located 12 km from the site.

The Regional Solid Waste Management Plan forming the basis for the project has been subject to an SEA under the Strategic Environmental Assessment Directive 2001/42/EC.

By diverting biodegradable waste from landfill disposal and hence reducing emissions of greenhouse gases, the project facility will contribute to climate change mitigation.

The project facilities could give rise to some gaseous emissions and odour, but these will be mitigated with appropriate control measures.

¹ Only projects that meet the scope of the Pilot Exercise, as defined in the EIB draft Carbon Footprint Methodologies, are included, provided estimated emissions exceed the methodology thresholds: above 100,000 tons CO₂e/year absolute (gross) or 20,000 tons CO₂e/year relative (net) – both increases and savings.

EIB Carbon Footprint Exercise

Whether the project qualify for inclusion in the EIB carbon footprint exercise or not will be determined in the 2nd stage appraisal based on analysis of the technical solution selected in the ongoing tender.

Social Assessment, where applicable

The project facilities will be constructed on a backfilled lignite mine site located just next to a sanitary landfill which has been in operation since 2005. The area is dominated by extensive open cast lignite mines, and there are no residential areas within 5 km from the site.

Public Consultation and Stakeholder Engagement, where required

During the EIA process, extensive public consultation took place with relevant stakeholders, including serviced citizens and municipalities.

Other Environmental and Social Aspects

None at this 1st stage of appraisal.