

Environmental and Social Data Sheet

Overview

Project Name:	NORTH YORKSHIRE AND YORK WASTE PPP	
Project Number:	2010-0575	
Country:	<i>United Kingdom</i>	
Project Description:	The project concerns the design, construction, operation, maintenance and financing of treatment facilities for residual waste arising in the North Yorkshire and City of York, England	
EIA required:	Yes	
Project included in Carbon Footprint Exercise ¹ :	Yes	

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

The project comprises implementation of residual waste treatment facilities on a site currently used for sand and gravel screening. The site is located adjacent to an operating landfill and the project will not impact Natura 2000 areas. Project facilities will be designed to meet relevant emission criteria, and adequate measures have been identified to mitigate adverse impacts during the construction and operation periods. The project will reduce the amount of waste that is disposed on landfills and will enable recovery of both recyclable materials and energy from the residual waste stream in line with relevant UK and EU policies and targets.

The preferred bidder submitted a planning application in September 2011 and a decision is expected to be made by the Councils in October 2012. The project falls under Annex 1 of the EIA directive (2011/92/EU), and accordingly a full EIA has been carried out. An application for an Environmental Permit was submitted in April 2012, and a decision is expected in late 2012.

The project meets relevant environmental and social criteria and is acceptable for financing by the Bank.

Environmental and Social Assessment

Environmental Assessment

The facilities will be located at the Allerton park quarry site and is bordered on the eastern side by an operating landfill, on the western side by the A168 road, and in north by the Holly Bank Farm quarry supplying sand and gravel to the free standing mineral and aggregate processing plant now occupying the site.

The project site has been judged to be of limited ecological value, and the closest Natura 2000 site is a Special Area of Conservation (SAC) located about 10 km from the project site.

Site investigations have concluded that potential sources of baseline site contamination, primarily from the adjacent landfill site, and existing above and underground storage tanks at the site, are not of concern when factoring in planned precautionary 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.

The facility is located just next to the A1 highway and the traffic to and from the facilities during construction and operation of the facilities has been assessed not to have a significant effect on the existing traffic.

With regard to air quality and odour, dispersion modelling indicates that even with conservative assumptions no breaches of air quality targets are foreseen. Furthermore, the impact on local residents is negligible and on sensitive environmental receptors insignificant.

EIB Carbon Footprint Exercise

The estimated absolute emissions from the facilities have been calculated to 101 kt CO₂e/yr. The baseline emissions have been calculated to 138 kt CO₂e/yr, resulting in relative emissions of -37 kt CO₂e/yr. The baseline was defined as a basic MBT facility with bio-stabilisation of all received waste and disposal of the residues. This baseline was selected to meet the EIB recommendations for a credible and legally compliant “without the project” alternative.

Social Assessment, where applicable

There are a few farms located within 1 km from the site, the closest being 400 m away. The nearest settlement is located 1.6 km away. The site is located close to Allerton Park, which is a registered Park and Garden containing a number of graded buildings, on some of which the impact from the project is considered to be significant. The project therefore contains mitigation measures both on site, in the form extensive site planting and visual screening, and off site through establishment of a fund to enable investment in cultural heritage assets within a defined area of the facility.

Public Consultation and Stakeholder Engagement

Since June 2010, the promoter has undertaken a public consultation programme comprising among others meetings, presentation, exhibitions, written communications, a dedicated web site and media advertisements. The public consultation enabled the identification of issues to be considered in the EIA process. The promoter has also established a 24 hour telephone line and a community liaison group to facilitate communication with the local community.

Other Environmental and Social Aspects

Not applicable.

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