

Environmental and Social Data Sheet

Overview

Project Name: URBASER WASTE MANAGEMENT RDI AND INVESTMENT
Project Number: 2012-0018
Country: SPAIN
Project Description: The project concerns the financing of research, development and innovation in greenhouse gas reducing technologies for waste treatment, as well as investments in collection equipment.

EIA required: no

Project included in Carbon Footprint Exercise¹: no

(details for projects included are provided in section: "EIB Carbon Footprint Exercise")

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

The RDI activities of the project are expected to be carried out in existing R&D centres without changing their already authorised scope. This type of RDI activities is not listed in the Directive 2011/92/EU, an EIA is therefore not needed.

The project leads to increased environmental sustainability through optimised and more energy efficient waste treatment processes and a less polluting garbage collection vehicle fleet. Urbaser has shown a demonstrated commitment to achieving its environmental goals through innovation and applying it to its operational services, including continual improvement throughout the life cycle of the waste treatment processing lines. These will also be equipped according to Best Available Techniques (BAT) for its emission abatement within the limits established in the EU and national legislation. On what refers to the replacement of the existing diesel powered vehicle fleets by cleaner (electric, hybrid, biofuels, etc.) vehicle fleets, the project will allow significant fuel savings and will therefore contribute to absolute and relative CO₂, NO_x and PM (particulate matters) emission reductions per travelled kilometre.

However, due to the increasing generation of waste produced by a growing population, the inevitable need of additional garbage collection vehicles (considering that not all the promoter's operating fleet will be replaced thanks to the project) and of continuous operative waste treatment facilities, will still add to the environmental load.

The environmental impacts and mitigation are deemed acceptable to the Bank.

Environmental and Social Assessment

Environmental Assessment

On average, after the project RDI implementation for waste treatment processes, the increased volume of the amount of resources recovered and revalorized, and with all the different energy efficiency measures introduced, Urbaser has estimated the reduction of electricity consumption at 15% (comparing to current consumption) and the reduction of greenhouse gases (GHG) emissions due to reuse of energy at 10%.

To determine Urbaser's waste collection fleet's GHG emissions savings, the emissions registered in 2014 have been taken as a benchmark. These have been calculated according

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 tonnes CO₂e/year absolute (gross) or 20 000 tonnes CO₂e/year relative (net) – both increases and savings.

to a methodology verified by AENOR that meets the requirements and guidelines of the ISO 14064:1 and the GHG Protocol.