



Bantargebang

Landfill Gas Management & Power Generation

Project Name	Bantargebang Landfill Gas Management & Power Generation
Standard Utilised	VCS v2007
VCS Project Number	967
Registration Date	26 Feb 2011
Project Validator	GLC GmbH
Est. Annual Reductions	708,300 tCO ₂ e



Location

City of Bekasi, Province of West Java
 Republic of Indonesia





Delivering environmental and social improvements

Project Description

Bantargebang is the biggest landfill in Indonesia covering 120 hectares in area. Servicing five provinces of Indonesia's most populous city, the landfill accepts about 5000 tonnes of unsorted waste each day. The project is to improve sanitary standards, and equipped the site with a landfill-gas capture system with flaring and power plant.

This is a particularly challenging project as the site is the source of livelihood for about 1,500 waste-pickers and its dependents. Any improvement on this site represents a significant social challenge. The Project introduces various measures that lead to better quality of life to the surrounding neighborhood, and addresses areas, which previously were source of conflicts.

Part of the overall project plan is to establish a market economy through development of plastic pelletizing industry within the project vicinity. A new factory commenced operation in Dec 2012. This facility aims to provide additional demand for plastic collected in the landfill by the existing waste pickers, increasing their income, while at the same time reduces the final volume of waste that ends up in the landfill, creating a co-benefit environment.

Social and Sustainability Benefits

The project is contributing to sustainable development:

- ▤ Reduction in emission of Greenhouse Gases
- ▤ Provides clean water wells for the waste picking community living on the landfill perimeter
- ▤ Reduces unpleasant odours and poor sanitary conditions
- ▤ Reduces breeding grounds for rodents and flies
- ▤ Increase waste recycling



Contact our team to discuss your offsetting requirements, and to ensure you find the project that meets all your own particular carbon neutrality needs