

[Dona Juana Landfill Gas-to-Energy](#) [1]

The Doña Juana Landfill in the District Capital of Bogotá is the biggest sanitary landfill in Colombia, and one of the largest under the UN Clean Development Mechanism (CDM) projects in South America. The project involves landfill gas capture (LFG), flaring treatment and use for thermal energy production on-site or in nearby industries. The landfill provides a solution for the disposal of around 2 million tons of household solid waste generated by the almost 8 million inhabitants of the District Capital of Bogotá each year. The technology applied in the project activity is the combustion of the landfill gas captured at the landfill gas network, using different processes like direct flare in burners or gas-to-energy reciprocating engine use for electricity production.

Source URL: <https://pocacito.eu/marketplace/dona-juana-landfill-gas-energy>

Links

[1] <https://pocacito.eu/marketplace/dona-juana-landfill-gas-energy>