

The case of Salta in Argentina: a Local Model for the Integrated Management of Municipal Solid Waste.

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The City of Salta, one of the major tourist spots of Argentina, began since 2011 a State Policy directed to Waste Management for Environmental Protection founded mainly on two complementary initiatives: a Waste Separation Program with a component aimed at improving environmental awareness and formalize working conditions of pickers working in the landfill, and Plant LFG capture and flaring.

In 2011, the municipal authorities with Agrotécnica Fueguina SACIF, the company in charge of Urban Hygiene Service of the City implemented a source separation program of Solid Waste. The program "Let's separate together " seeks to address two problems: environmental and social. Reduce the amount of waste that is disposed and sensitize the public on the matter, and improve the working conditions of waste pickers manually separating waste. At present, more than 800 tons have been collected of recoverable dry waste.

To achieve greater efficiency in the utilization of waste that is disposed in the landfill, a plant for capturing and flaring biogas was designed, planned, built and put into operation in 2012. The plant has an estimated capacity flow 450/600 m³/hs. It is expected that the project activity avoids the emission of 192.566 tons of CO₂ into the atmosphere over a period of 21 years from 2012. The project activity will lead to Certified Emission Reductions (CER) and generate revenue through the sale of CERs under the Clean Development Mechanism (CDM).

The Municipality of Salta allocate part of that income to a Benefit Plan Community (PBC) whose objective is to improve the infrastructure and working conditions for separation, classification, storage and recycling of inorganic constituents of municipal waste before destined to landfilling.

This Integrated Management Model of Municipal Solid Waste is seen as a role model in the different municipalities.