



Sussundenga was one of the 10 towns that were newly elevated to municipal status in 2013. According to census data, the town had in 2007 a population of nearly 19,112 inhabitants and a population density of 70.6 inhabitants/km², and a recent survey carried out with the support of community leaders found that the town now has a population of 43,787 inhabitants spread out among its 21 boroughs. Sussundenga town is located in the Manica district, 42 kilometres from Chimoio, the capital of the Manica Province. EN 260, the road that links Mossurize district to Chimoio city, crosses through the town. The town is bordered by Macate district and Matica village to the north, and Munhinga village to the south and east.

Municipal solid waste management services are managed by the Council of Health and Environmental Sanitation, part of the Municipal Council of Sussundenga Town Environmental and Solid Waste Management department. The town's main streets are kept clean by municipal cleaning employees.

Information

Population	43,787 inhabitants (according to a recent survey carried out with the support of 21 borough secretaries)
Population growth (annual %)	N/A
Area (km ²)*	270.9
Climate*	Tropical wet climate
Main industries*	None
Currency**	USD 1: MZN 62.09 (Mozambican metical) (February 2019)
Other*	The Sussundenga town population is of Bantu origin, and the main ethno-linguistic group is Shona. Chiute is the predominant language. ChiManyika and Ndaou are also spoken.

Sources: * SDEJT

** Oanda.com

Current SWM Situation

Item	Outline
Institutional System	
Legal system	<ul style="list-style-type: none"> ● Laws or regulations related to municipal solid waste management: <ul style="list-style-type: none"> » Stance of the Municipal Council of Sussundenga Town (updated in 2017): fundamentals and norms on solid waste.
Policy/Plan	<ul style="list-style-type: none"> ● No specific policies or plans are in place for solid waste management in the town.
Implementation system	<ul style="list-style-type: none"> ● The Council of Health and Environmental Sanitation of the Municipal Council of Sussundenga Town: responsible for municipal solid waste management in the town (street sweeping, collection, final disposal, and environmental education) and the drafting of municipal waste management plans. The Council engages three staff in administration and 44 staff in operations. Twenty persons working under the Program of Productive Social Action (PASP) from the Health, Women and Social Action and District Service are supporting the cleaning processes. ● Ministry of Land, Environment and Rural Development (MITADER) - National Directorate of the Environment: responsible for environmental legislation and supervision. ● Ministry of Health: responsible for biomedical waste.
Technical System	
Waste generation amount & characteristics	<ul style="list-style-type: none"> ● Quantity of waste generated: 21.9 tons/day (estimate based on the town population plus incoming working population, multiplied by the waste generation rate). ● The levels and types of waste generated in the residential areas are unknown. ● Waste collection: 12.5 tons/day (data based on the tractor trailer capacity and transported loads per day). ● Waste composition: organic (food), plastic, paper, textiles, metal, bottles, other (rubber, ash, and sand).
Storage and discharge/ Collection and transportation/ Road sweeping	<ul style="list-style-type: none"> ● Municipal workers provide street-sweeping services in the city centre, main public areas, and residential areas. ● Municipal waste is collected 3 or more times a week in the city centre and residential areas. ● There are separate collections for municipal markets, commercial and institutional waste, domestic waste, and the pruning of trees and grass. ● Number of collection vehicles: two tractors support solid waste collection in the town.
	
	Vehicle used for waste collection

Item	Outline
Intermediate treatment/ Recycling	<ul style="list-style-type: none"> ● There are no waste treatment or recycling activities.
Final disposal	<ul style="list-style-type: none"> ● One open dump operates in Sussundenga town. ● Nhamawaia Dump: <ul style="list-style-type: none"> » Owner: Municipal Council of Sussundenga Town. » Area: 17 hectares. » Operation hours: 24 hours. » Quantity of disposed waste: 12.5 tons/day. » Data source: based on tractor trailer capacity. » Installations: open air. » Operation plan: there is an intermediate plan. » Operation: discharge only, no compaction or soil cover.  <p style="text-align: center;">Nhamawaia Dump</p>
Financial system	<ul style="list-style-type: none"> ● Total revenue for waste management service: MZN 0. ● Total expenditure for waste management service: USD 560/month (fuel for final disposal collection vehicles). ● Expenditure for each ton of waste: USD 27/ton. ● The Municipal Council of Sussundenga Town charges no waste collection fee (it has yet to incorporate a garbage fee in its EDM billing).
Environmental and social considerations	<ul style="list-style-type: none"> ● Communities are taught about waste management through environmental lecturers and school visits. Information is also propagated through debates on the radio. Cleaning days are promoted in town suburbs with community participation.
Donor support	<ul style="list-style-type: none"> ● None.
Areas for improvement (in order of priority)	<ul style="list-style-type: none"> ● Legal issues: the creation of specific regulations on solid waste management. ● Technical issues: training. ● Financial issues: financial resources for the construction of a controlled sanitary landfill, the acquisition of municipal solid waste management equipment (machines for compaction), and the improvement of institutional functionality.

Waste Amount at Each Stage of Waste Flow*

Waste flow	Amount** (ton/day)	Remarks
① Waste generation	21.9	Waste generated at houses, offices, shops, restaurants, etc.
② Discharge to collection	N/A	Waste discharged for collection services.
③ Self disposal	N/A	Disposal at generation sources, such as burning and burying.
④ Recycling at source	N/A	Reuse of materials, composting, sold to recyclers.
⑤ Collection and transport	12.5	Waste amount collected and transported.
⑥ Clandestine dumping	N/A	Waste illegally disposed of in unknown location.
⑦ Treatment	N/A	Material recycling, composting, incineration, etc.
⑧ Recycling/Reduction	N/A	Recycled and/or reduced waste amount by material recycling, composting, incineration, etc.
⑨ Residue	N/A	Residue from treatment facilities.
⑩ Final disposal site	12.5	Waste amount brought into disposal sites.
⑪ Recycling	N/A	Recycled at disposal sites.
⑫ Final disposal	N/A	Waste amount finally disposed of at disposal sites.

* Based on the waste flow chart on page.

** Figures include estimated value.