



# Mozambique

## Quissico

Quissico town is located in the southern region of the Republic of Mozambique, in the southeastern part of Inhambane Province, at the coordinates 24°42'58.95" south latitude and 34°44'23.89" east longitude. The town covers a total area of 219.8 square kilometres. Favoured by its good location in the road network, Quissico town has been established as an organisation and support centre for economic activities of the Zavala district and serves as the district capital. The town is located in the development corridor defined by the N1 crossing the Zavala district from the south to north. It has direct links with the major urban areas Xai-Xai in the south and Maxixe and Inhambane (points of influence in product disposal and town development) in the north. Tourism and agricultural-livestock activities in the area have good development potential. Quissico town is located 140 kilometres from the capital of Inhambane Province (Inhambane City) and 130 kilometres from Gaza Province (Xai-Xai City) through N1.\*

Municipal solid waste management services are provided by the Council of Urbanisation, Infrastructure, and Environmental Sanitation under the Municipal Council of Quissico Town. Many of the roads and paths of Quissico town are somewhat degraded by rainwater drainage facilities built superficially along them according to local topographic conditions. Some routes in town centre have craters caused by runoff. Nontoxic domestic and industrial solid waste is disposed of in an open-air dump located in Ticongolo borough. The site was previously loaned out by the municipality and is currently encircled by households that lack fencing or other forms of protection. The lack of fencing is one of several factors that put the communities neighbouring the dump at sanitary risk. The site also lacks incinerators, which contributes to environmental pollution.

Source: \* Planned Urban Structure / Plan for District Land Use

### Information

Population	24,092 (PEU)*
Population growth (annual %)	2.8
Area (km <sup>2</sup> )	219.8
Climate	Tropical climate
Main industries	Food, beverage
Currency**	USD 1: MZN 62.09 (Mozambican metical) (February 2019)
Other	The district owns only a single facility (Miradouro) for cultural activities. The main cultural events are traditional songs and dances (Timbila, Makarra, Xigovilo, Ngalanga, Xinveka, Xingomana, Massessa and Makwaela) practiced on commemorative dates and at major events and traditional ceremonies.


Sources: Plan for District Land Use

\* Planned Urban Structure (Plano de Estrutura Urbana)

\*\* Oanda.com

### Current SWM Situation

Item	Outline
<b>Institutional System</b>	
Legal system	● Stance of the Municipal Council of Quissico Town (updated in 2016): fundamentals and norms on solid waste.
Policy/Plan	● There is no specific policy or plan for solid waste management in the town.
Implementation system	● Council of Urbanisation, Infrastructure and Environmental Sanitation under the Municipal Council of Quissico Town: responsible for municipal solid waste management in the town area (street sweeping, collection, and environmental education). ● District Direction of Health: responsible for biomedical waste.
<b>Technical System</b>	
Waste generation amount & characteristics	● Data not provided.
Storage and discharge/ Collection and transportation/ Road sweeping	● Resident participation in street sweeping and waste transportation to final disposal facilities.
Intermediate treatment/ Recycling	● No recycling treatments are carried out.

Item	Outline
Final disposal	<ul style="list-style-type: none"> <li>● One open dump operates in the town area.</li> </ul>  <p>Open dump</p>
Financial system	<ul style="list-style-type: none"> <li>● Data not provided.</li> </ul>
Environmental and social considerations	<ul style="list-style-type: none"> <li>● Information is spread through school lectures and local radio announcements.</li> <li>● The community also takes part in cleaning days in the town.</li> </ul>
Donor support	<ul style="list-style-type: none"> <li>● No support is received from donors.</li> </ul>
Areas for improvement (in order of priority)	<ul style="list-style-type: none"> <li>● Training on municipal solid waste management for the technicians who handle it.</li> <li>● Financial assistance for waste management areas.</li> <li>● Fencing around the current dump site.</li> <li>● Clear definition of a hazardous waste disposal area.</li> </ul>

### Waste Amount at Each Stage of Waste Flow\*

Waste flow	Amount** (ton/day)	Remarks
① Waste generation	N/A	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	N/A	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	N/A	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.