



DAKAR, Senegal

City Information: DAKAR

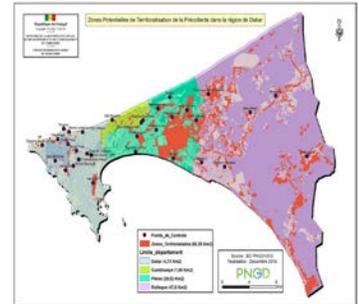
Population: 3,529,300

Area (km²): 550

Climate: Tropical and dry

Main Economic Activities: Trade, Transport, Construction, Business Tourism, etc.

City website: <https://fr.wikipedia.org/wiki/Dakar>



Country Information: SENEGAL

Population: 15,256,346

Area (km²): 196,712

Economy and GNI/Capita: Low-income economy according to WB classification.

GNI: 38.21 billion PPP dollars (2016)

Main Economic Activities

Senegal is one of the most industrialized countries in the West African group, since there are several multinationals. The country's labor force is divided as follows: 15.5% is devoted to agriculture, 21.7% to industry and 62.3% is devoted to services.

Compared to other countries on the African continent, Senegal is very poor in natural resources; its main revenue comes from fishing, tourism and services.

Government Agencies responsible for guidance on waste legislation

Ministry of Local Governance, Development and Spatial Planning. www.decentralisation.gouv.sn

MSW Sector Overview: City Level

Classification of MSW

Household and similar solid waste

MSW Generation

966,155 tonnes/year and about 237.25 per capita in Kg/year

Collection Coverage and Type

80% of collected waste is transported to the landfill but not disposed of.

There is not yet in Dakar selective collection at the source of different waste streams



Waste Composition

Fine elements 36.64%, putrescible 22.47%, plastics 9.04%, complex 6.62%, timber (wood) 3.78%, paper 3.32%, textiles & sanitary textiles 6.67%, cardboard 2.27%, glass 2.77%, metals 2.49%, DMS 0.51%, NC fuels 1.42%, incombustible NC 1.99%.

Waste Management Practice

Open discharge, no biological treatment, no formal recycling, no waste disposal infrastructure. There are on the site collectors who sell the recovered objects (plastics, cardboard, metals, glasses, etc.) to private. All this is done informally.

Formal Waste Sector

In Dakar, there is only one open dump. We do not have a well-controlled landfill, a composting plant, let alone energy recovery or recycling. However, we are thinking about the construction of a landfill but Dakar is facing a problem of land, the city is almost everywhere occupied. Also, there is still no waste exported for treatment

Informal Waste Sector

Coverage rate of collection is 80% according to the studies carried out by the PNGD. The waste collected is all-coming waste. There are different types of materials (battery, metals, glasses, wood, plastics, food waste, cardboard, etc.

Financing of MSW

There is still no adequate model, the state is thinking about it. There is a tax system called the household waste tax (TOEM). The cost is negligible. Out of a potential of 20 billion CFA francs, the recovery is barely 2 billion, or 10%; while the budget of the city exceeds 50 billion.

Waste Management Challenges

Sensitize the population to the separation of different types of waste. We will communicate the top. Build infrastructure treatment and recovery of waste (although space is lacking, the region of Thiès is only 70 km from Dakar. Build capacity. To reflect on a model of adequate and participative financing of the population, I do not know by which formula the State alone, no longer subsidizes the sector to the tune of more than 10 billion per year. Eliminate the sand content of the waste. The list is not exhaustive but everything is priority.

Technical Assistance

We must train the actors, train them well. Strengthen their capacities to the fullest. Put a budget in

place for all research (travel for surveys, telephone, office with all that goes with, means of locomotion, per diem for motivation).

MSW Sector Overview: Country Level

General description and overview of common practice

The collected waste is transported to landfill where it will only be graded, excavated and compacted at the open-air dump.

Waste Generation (per capita/year)

172.11 per capita in Kg/year

Collection Coverage

Variable in secondary cities between 50 and 15 %

Number of Landfills/MSW Disposal rate (tonnes/year):

Strategic direction: 732,717.25 tonnes/year (31.52 %)

Recycling Rate

Strategic direction: 172,989.96 tonnes/year (7.44 %)

Waste management of Organic fraction (composting, anaerobic digestion)

Strategic direction : 788,078.14 tonnes/year (33.90 %)

Energy Recovery Rate

Strategic direction: 611,134,26 tonnes/year (27.15 %)

City Level

Aimed at improving Waste Management in General

For this, it is imperative to build adequate infrastructure and build the capacity of stakeholders on the one hand and sensitize people to the separation of waste on the other hand.



Aimed at addressing Climate change and reducing SLCPs through waste related activities

Setting up these infrastructures and all that goes with them will certainly help to fight against climate change and consequently reduce SLCPs thanks to waste activities.

Country Level

Aimed at improving Waste Management in General

Landfill sites are being built in three regions of Senegal. At the reception of these works, there will be an improvement of the waste management in these localities

Aimed at addressing Climate change and reducing SLCPs through waste related activities

The functioning of these infrastructures will certainly help to fight against climate change and consequently to reduce the SLCPs thanks to waste activities.

City Level

Legislation governing MSW management

According to the provisions of Article 29 of the Law 96-07 of March 22, 1996, transferring competences to the commune in the matter of environmental management, and modified, by Law No. 2002.15 of April 15, 2002, and repealed by Law 2013-10 of December 28, 2013 on the General Code of Local Authorities, the municipality is in charge of "waste management, the fight against insalubrity, the pollution and nuisances (...)".

Guidance for MSW management (after legislation, before inspection activities)

Regarding household solid waste, Senegal has a national strategy for integrated solid waste management that aims to improve their management at the local and national levels. It provides the strategic direction for an integrated, operational and sustainable system that clearly distinguishes roles, responsibilities and institutional responsibilities. The strategy also aims to promote the establishment of a suitable financing system.

Inspection activities/supervision and enforcement of legislation

The legislation is not enforced.

National Level

Legislation governing MSW management

The environmental code, Law N°2001-01 and its implementing decree, and the sectorial codes, standards and decrees supplementing this legal arsenal.

Guidance for MSW management (after legislation, before inspection activities)

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Inspection activities/supervision and enforcement of legislation

Current Projects or Activities Aimed at Reducing SLCP Emissions

Not to our knowledge

Key Stakeholders

- Municipal Development Agency : www.adm.sn
- African Institute of Urban Management : www.iagu.org
- Direction of the Environment and Classified Establishments : www.denv.gouv.sn
- French Development Agency : www.afd.fr > Page – Region – Pays > Senegal
- World Bank : www.banquemonde.org > Senegal

Additional Useful Information

Contacts

MSW Initiative City Contact

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Other Municipal Representative