



Ministry of Environment

**10th meeting of the Horizon 2020  
Review and Monitoring  
(RM) Group and Assessment workshop  
23-24 September 2019, Athens, Greece**

## **Egypt's Report**

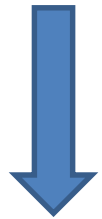
**(over view on Waste and Marine littering)**

# Waste Management in Egypt

## A Driver, Pressure, State, Impact, Response Analytical Profile

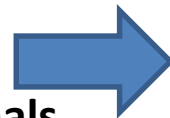
### Drivers

- \*Population Growth
- \*Urbanization
- \*Changing Life Style
- \*Lack of Funds
- \*Lack of Awareness



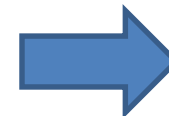
### Pressures

- \*Open burning and dumping
- \*Dumping waste in small canals and streets
- \*Others



### State

- \*Air and Water pollution
- \*Environmental Degradation
- \*Economical Impacts
- \*Aesthetic and Quality of life Impact



### Impacts

- \*Health Impacts
- \*Impacts on Productivity
- \*Loss of properties value



### Response

- \*Establishing Waste Management Regulatory Authority – National Solid Waste Management Program
- \*Training and capacity building programs
- \*Cooperation with international bodies
- \*Supporting public – private partnership
- \*Incorporating informal collectors in the system



# Egypt Waste Management System

Cairo and some other governorate have specific department for waste management. In other governorates Local Administration Departments are responsible bodies for waste management.

**Waste Management Regulatory Agency “WMRA”, a newly established organization is the overarching body, with the mandate of organizing, control and follow up all activities related to waste management at central and regional level.**



**National Solid Waste Management Programme (NSWMP) was initially launched in 2012 under the Ministry of Environment (MoE).**

**The project aims at restructuring the waste sector at the national, regional and local level and establishing an independent central entity to regulate the management of the municipal solid waste system and establishing waste management units in in four governorates (Kafr El Sheikh- Gharbia- Qena- Assiut).**



# Legal and Institutional Framework

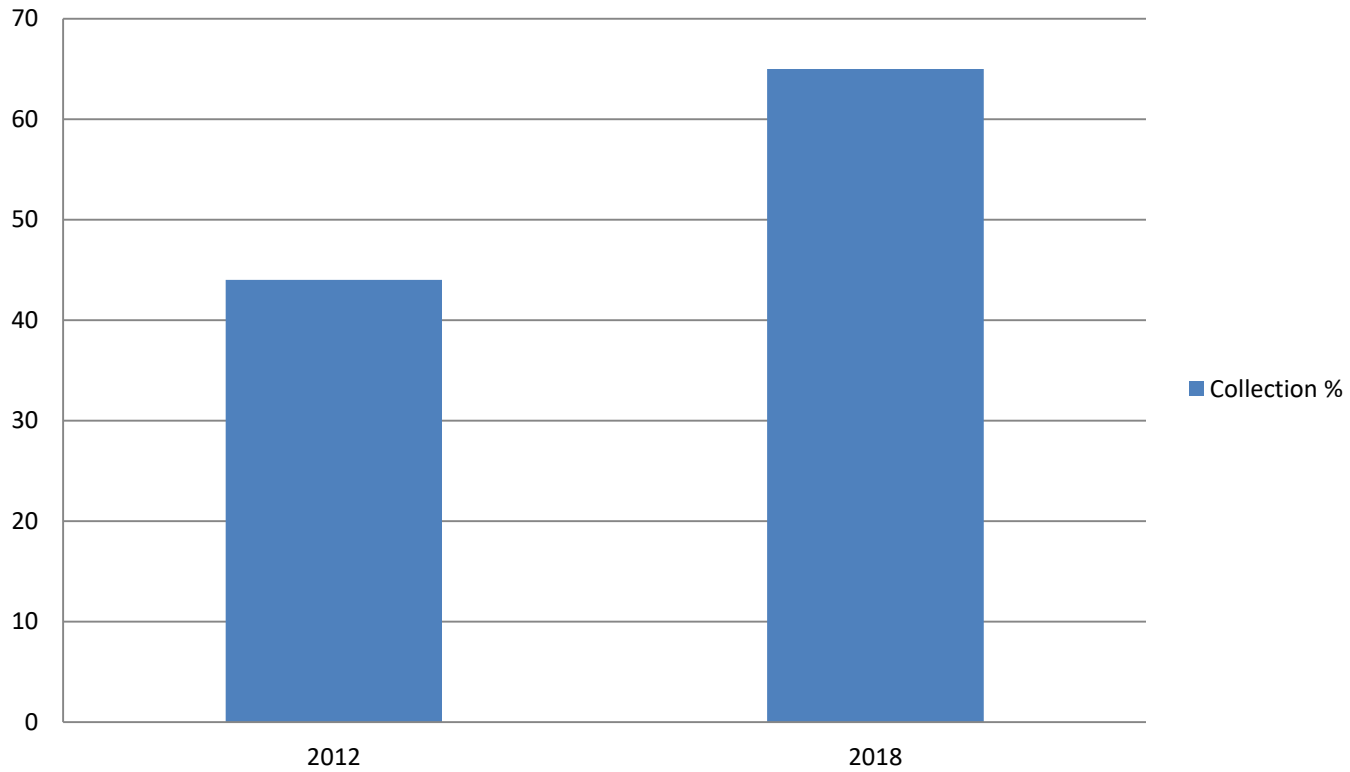
## Current situation;

The waste system is governed by more than one law for multiple entities, including ;

- ❑ Law **No. 38** of **1967** on Public Hygiene .
- ❑ Decision of the Minister of Housing and Utilities **No. 134** of **1968** issuing the executive regulations of Law **No. 38** currently in force.
- ❑ Law **No. 10** of **2005** on the collection of cleaning fees.
- ❑ Law **No. 4** of **1994** on the protection of the environment, as amended by Law **No. 9** of **2009**, and amended by Law **No. 105** of **2015**, which included many articles regulating the management of solid waste and related and affecting it.
- ❑ The Egyptian Penal Code promulgated by Law **No. 58** of **1937**
- ❑ Law **No. 159** of **1953** concerning the cleanliness of squares, roads and streets and regulating the collection and transport of garbage.
- ❑ Law **No. 140** of **1956** concerning the occupancy of public roads.
- ❑ Law **No. 93** of **1962** concerning the discharge of liquid waste and its executive regulations.
- ❑ Law **No. 48** of **1982** on the protection of the Nile River and waterways from pollution
- ❑ Decree of the Minister of Irrigation **No. 8** of **1983** promulgating the Executive Regulation of Law **No. 48**

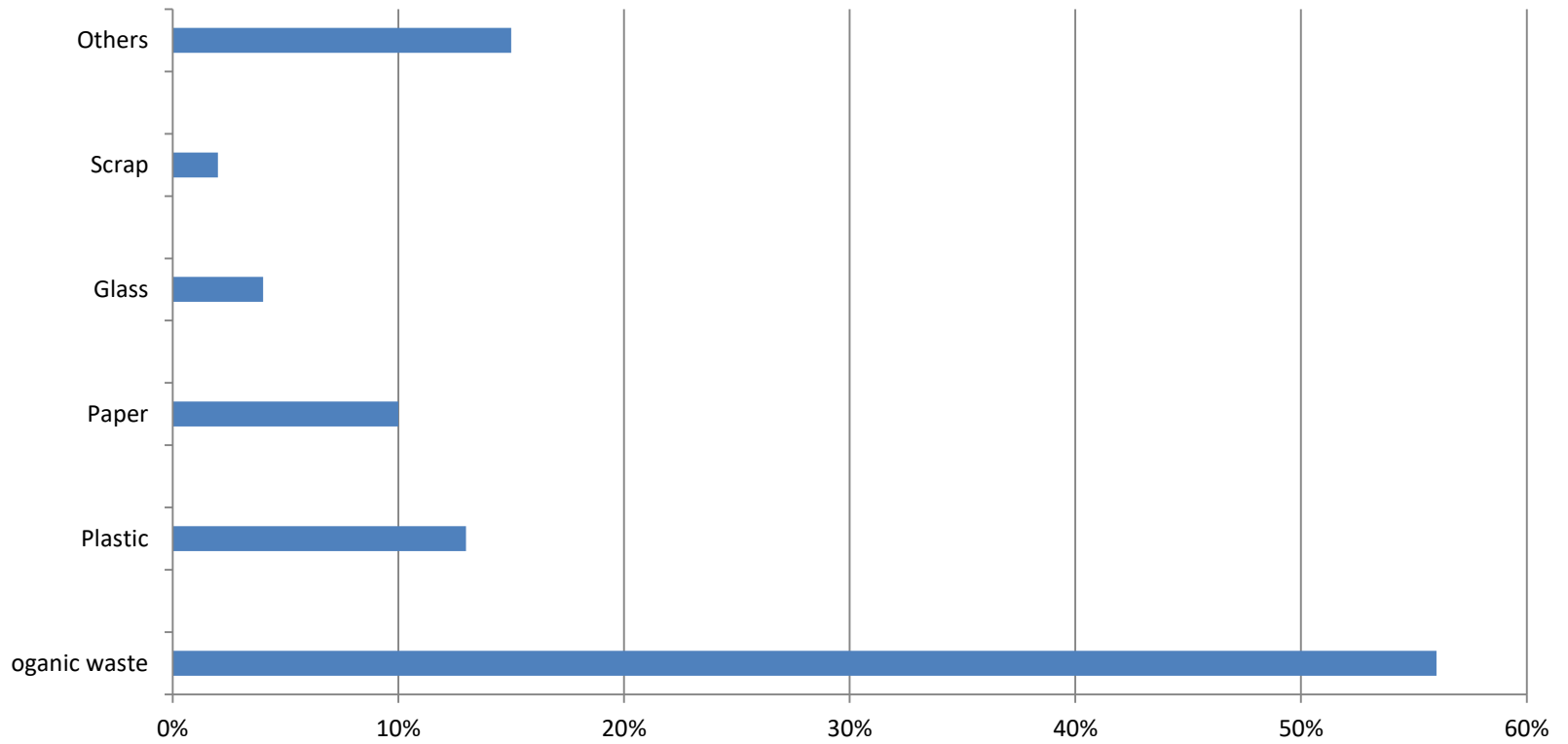


# Indicators

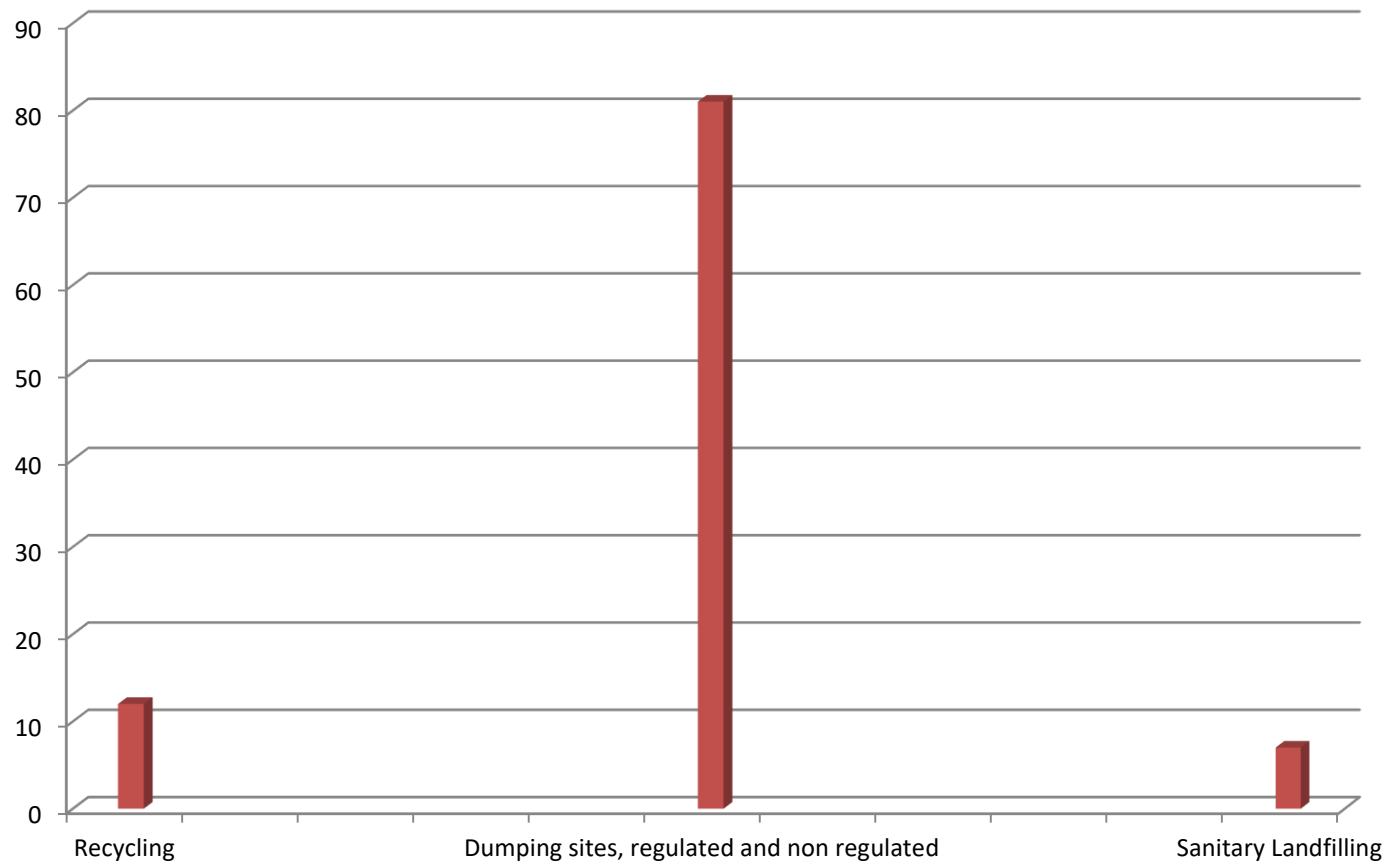


## Percent Collection of Solid Waste



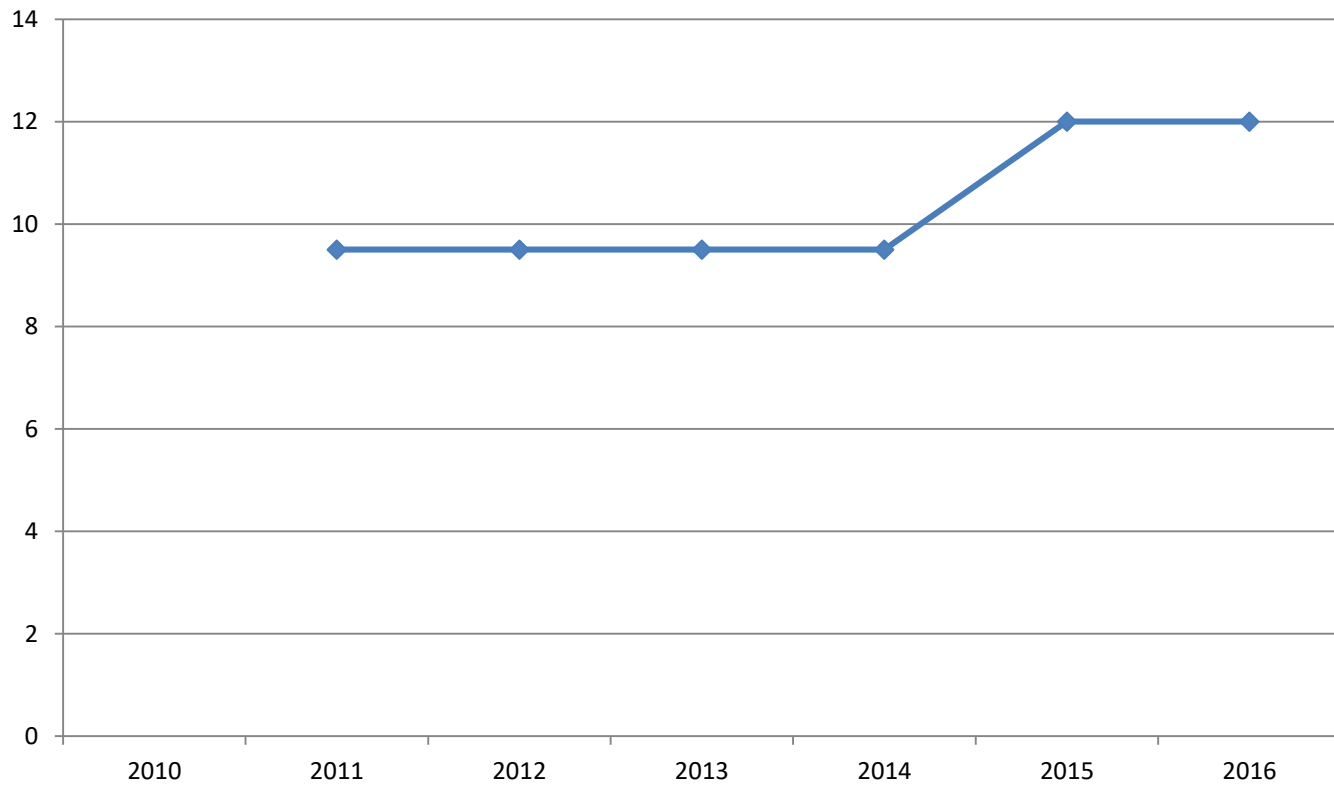


1- A- Municipal Waste Composition , 2016

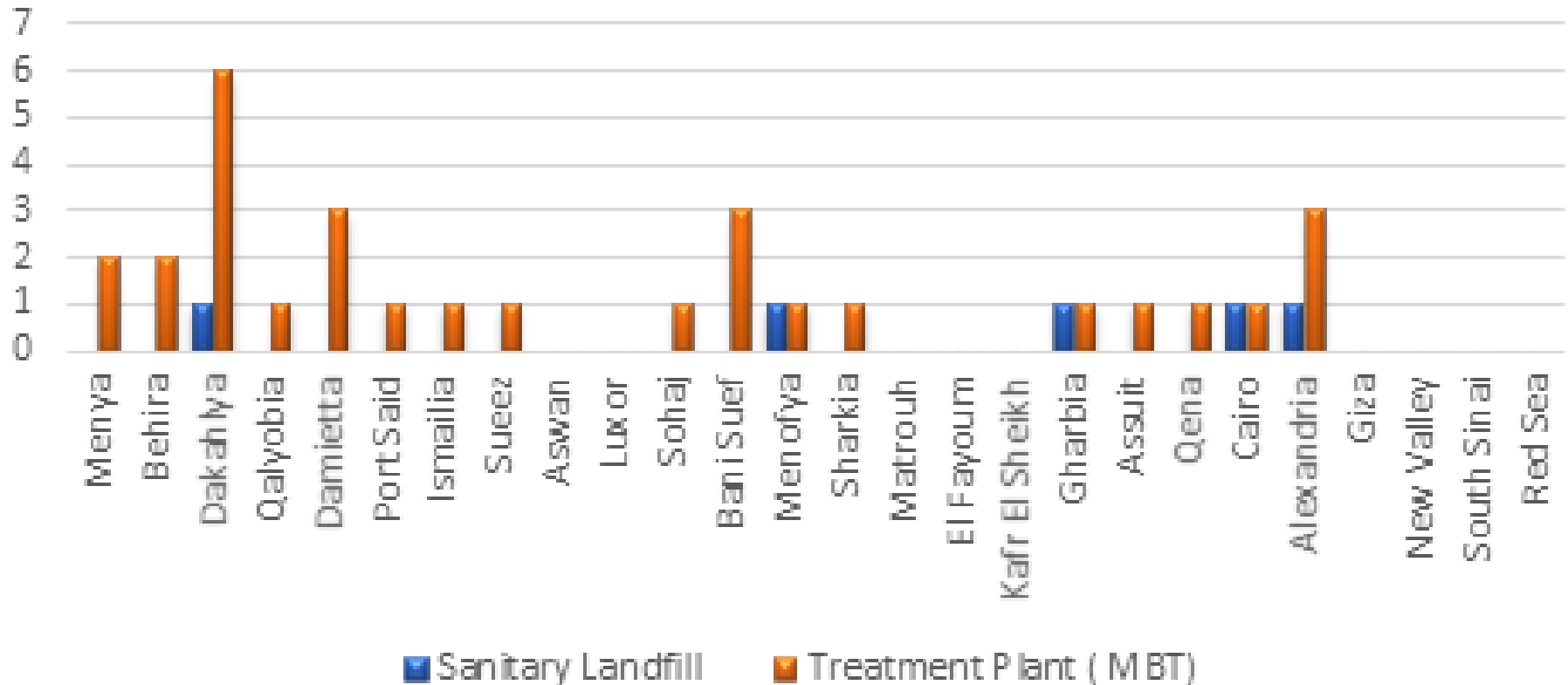


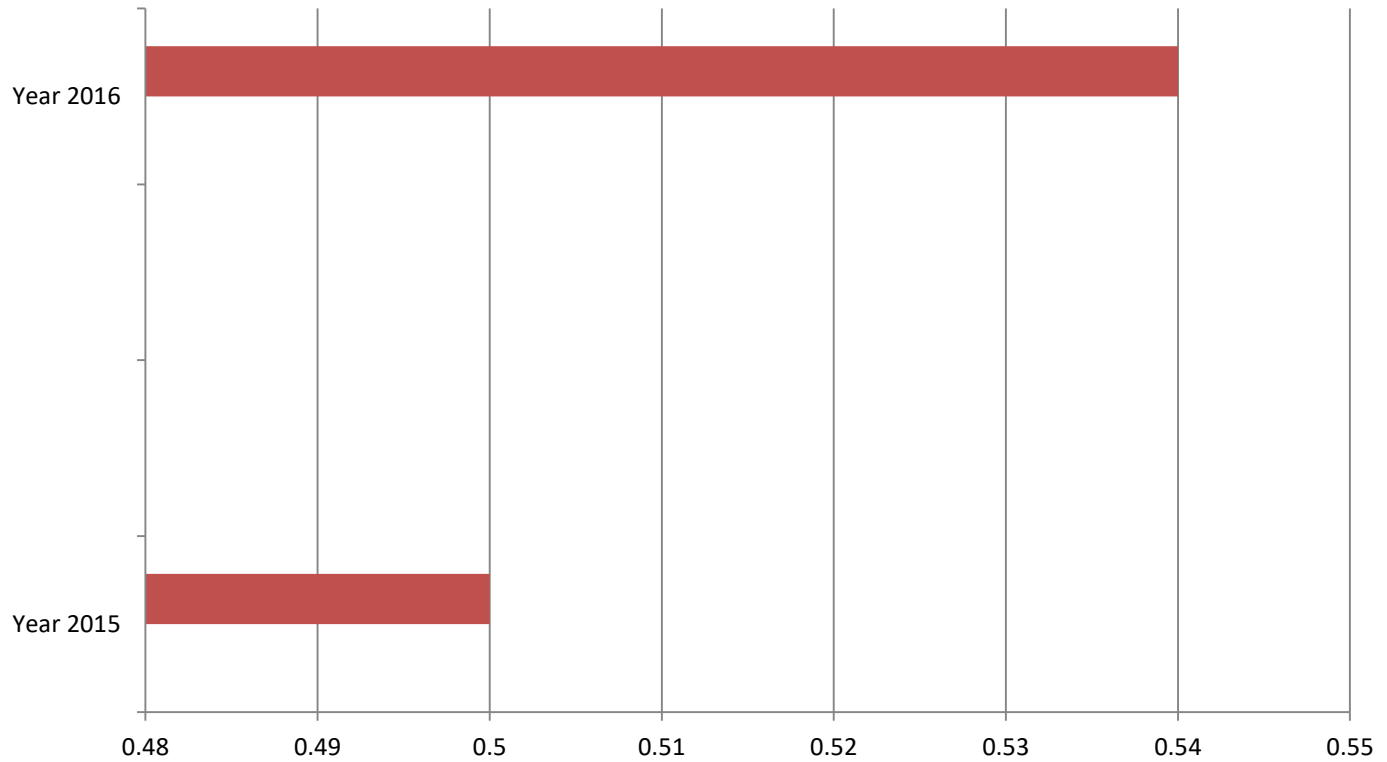
**Percent of Recycled, Sanitary landfilled,  
and Open Dumping Waste, 2016**

## Percent Recycled of Total Collection

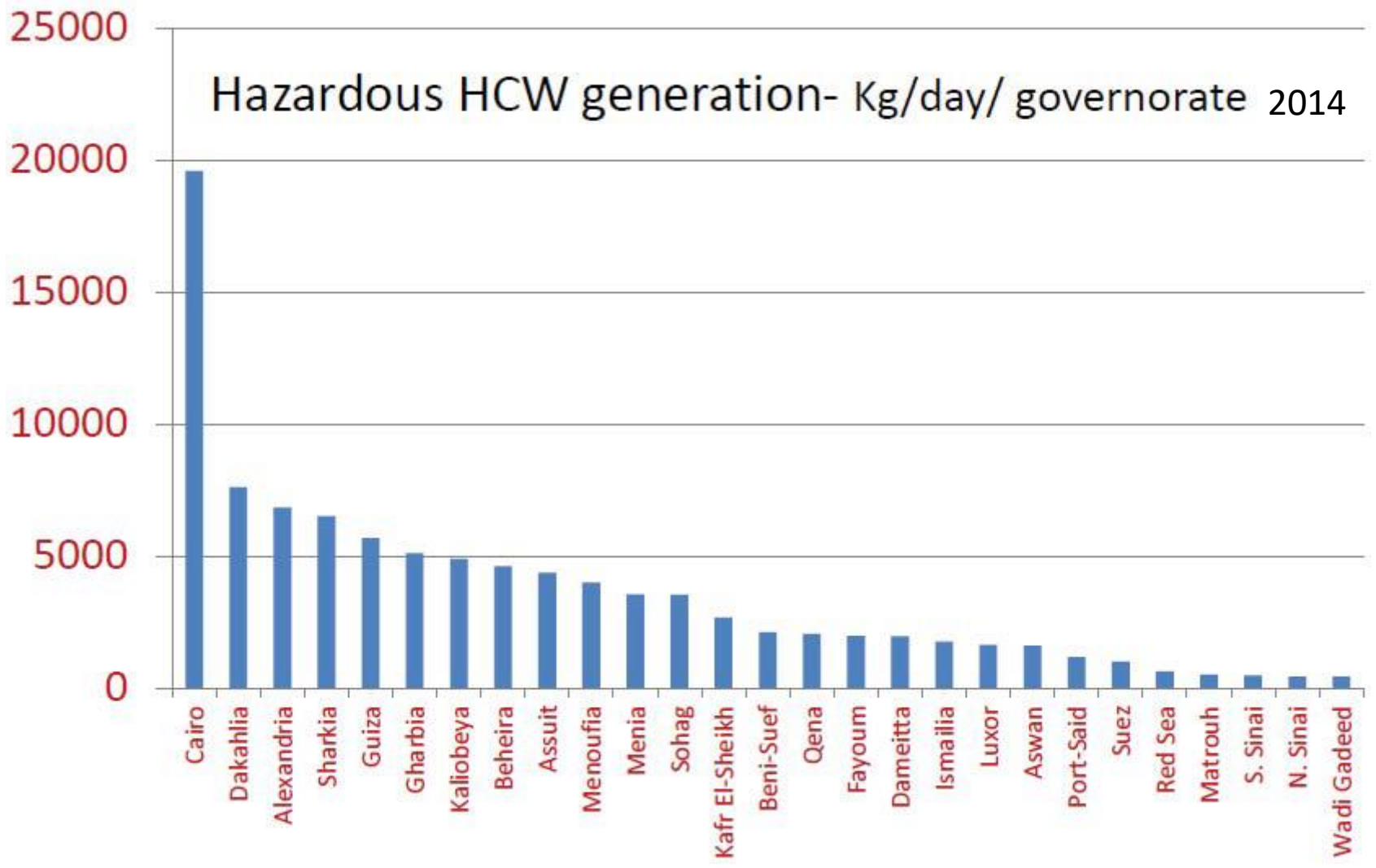


# Treatment plants & Sanitary landfills in Egypt

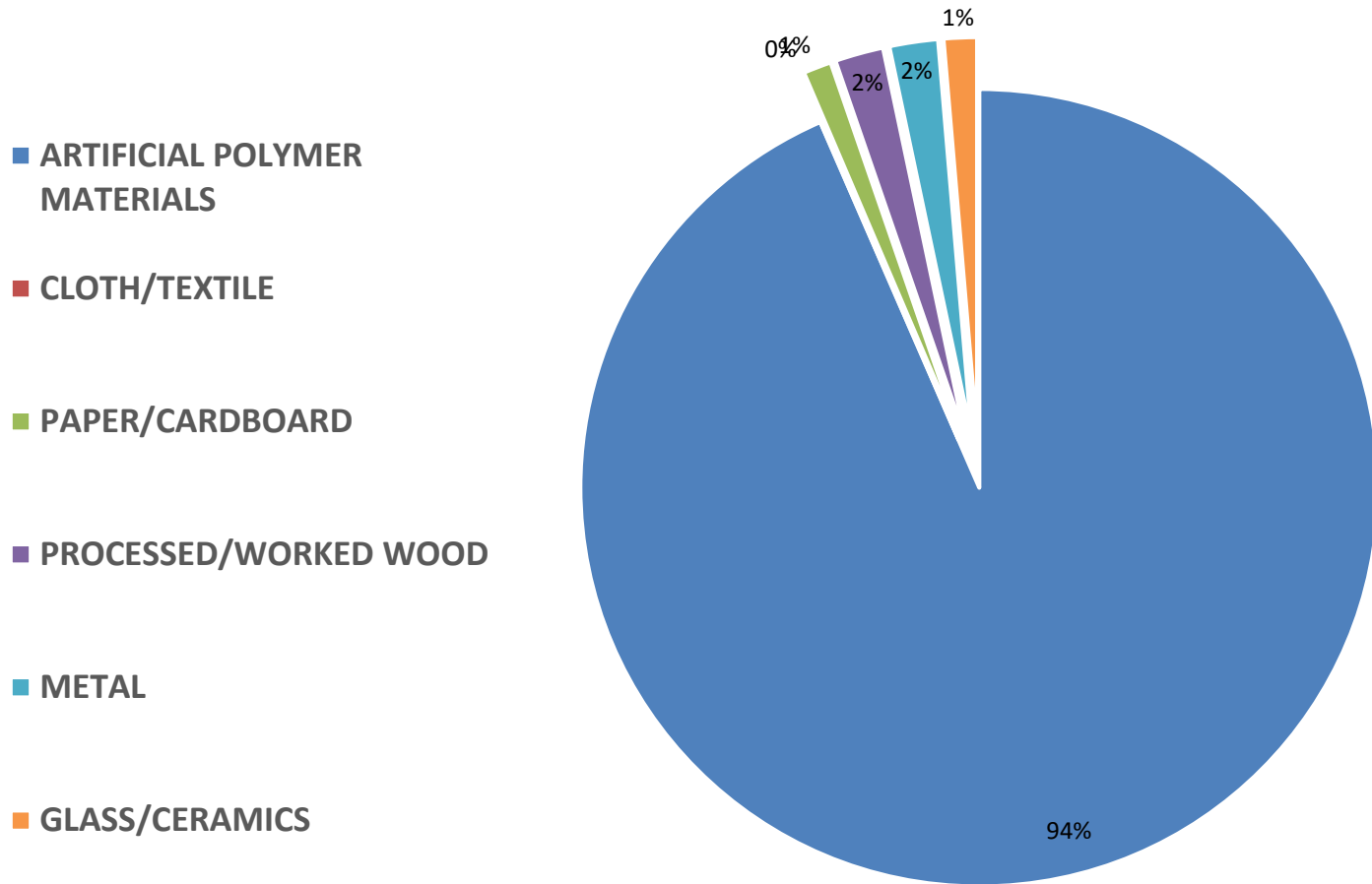




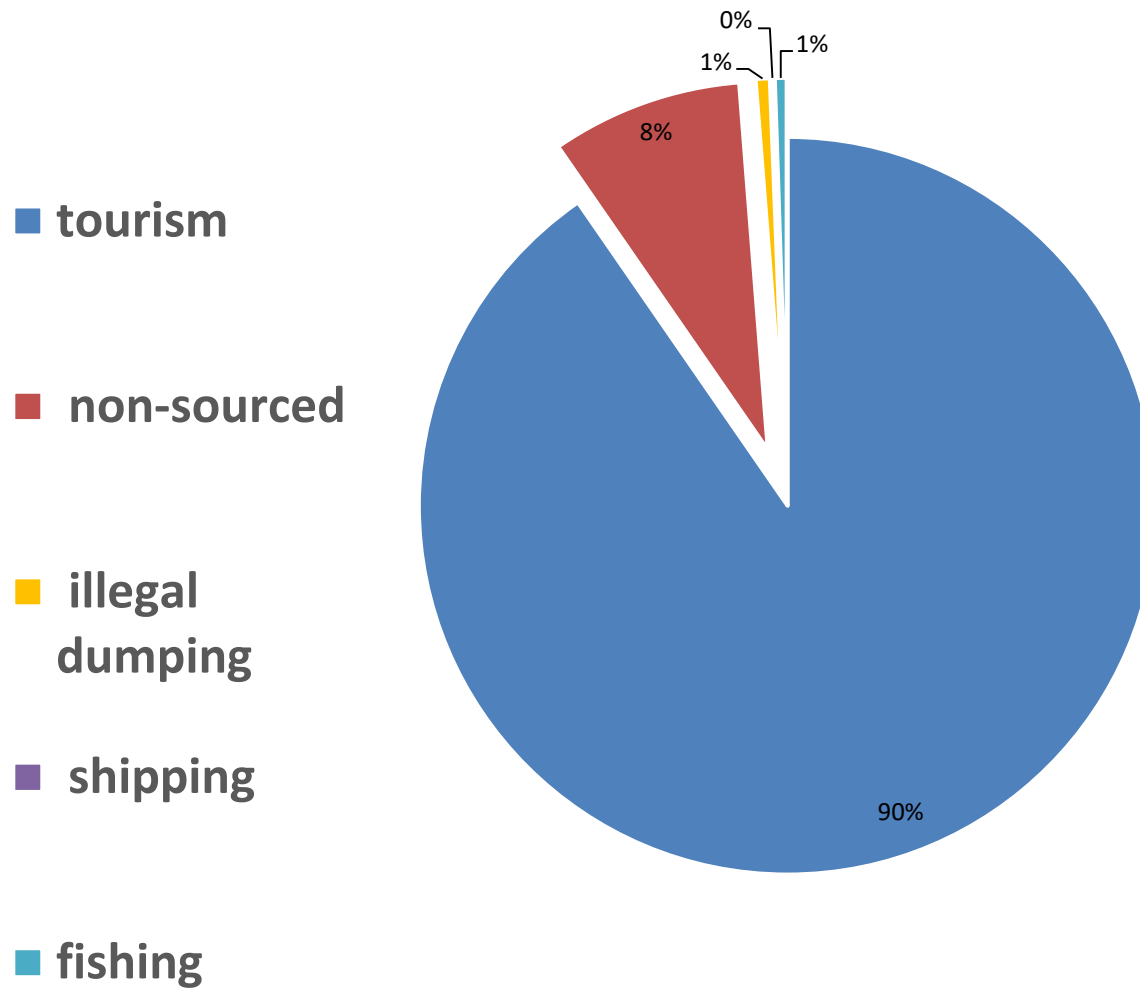
**Generation of Hazardous Waste  
2015 - 2016**



# Marine litter main materials

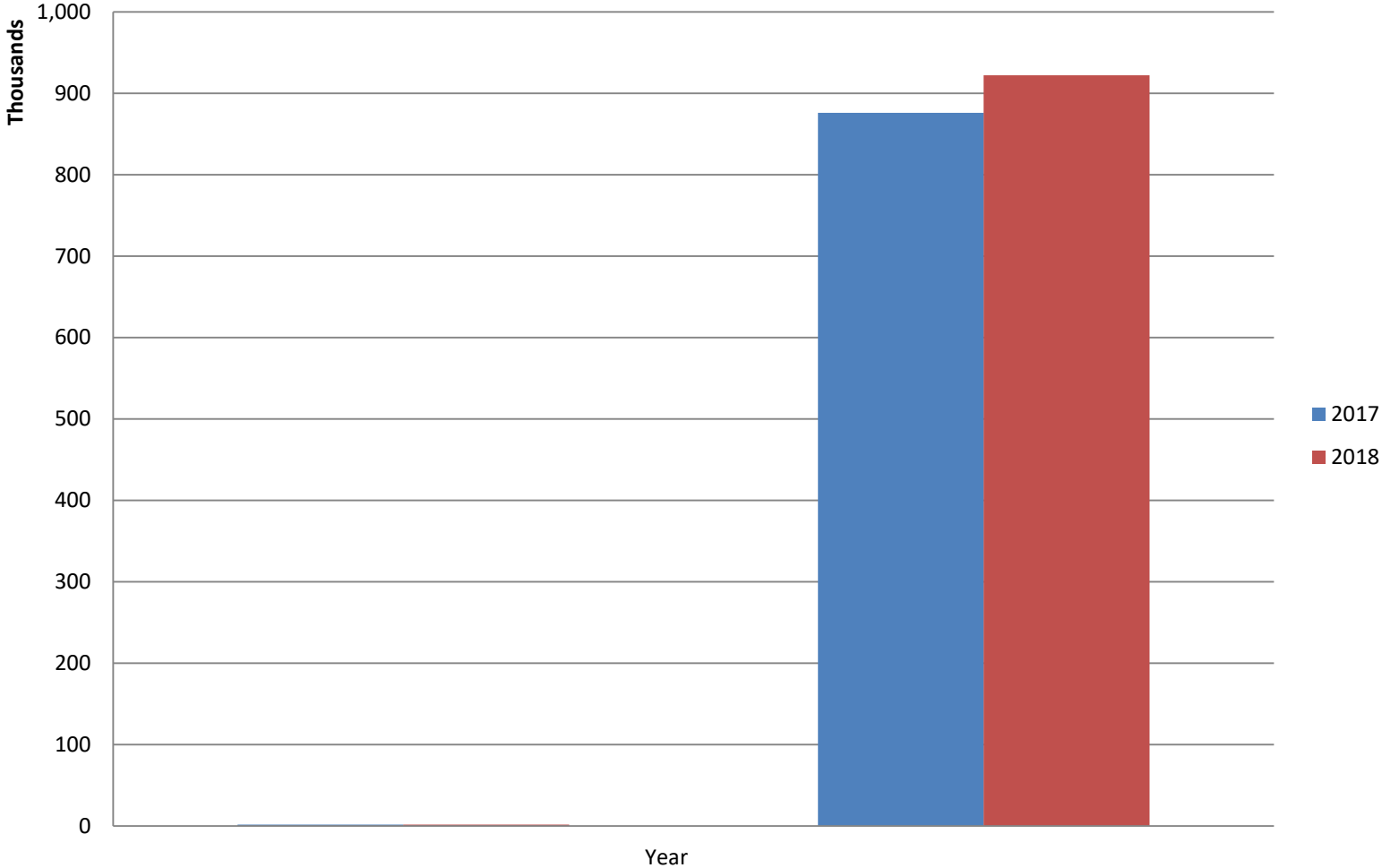


# Marine litter main sources





# Touristic Nights, Alexandria



# How to Improve the State of the Art Egypt's Endeavour for a better waste management

- ❑ Banning single used plastic in Red Sea governorates.
- ❑ Introducing circular economy as the main theme of public – private partnership with special reference to E-waste.
- ❑ Implementation of some joint project to control hazardous waste including (POPs, Medical and E-waste).
- ❑ National Solid Waste Management Program, its application in four governorates.
- ❑ Design and start the implementation of a New National Waste Management System in Egypt.

# Thank You

The 'Waste Management' guidelines were bigger than the Waste management containers!

