

Component 3: Residuals

COMPONENT 3: RESIDUALS

This component contains statistics on the amount and characteristics of residuals generated by human production and consumption processes, their management, and their final release to the environment¹

¹ based on UN FDES 2013

Statistics on this component are linked to the Sustainable Development Goals (SDGs):



CONSUMPTION OF OZONE DEPLETING SUBSTANCE, 2022

Ozone-Depleting Substance (ODS)

Any substance which is controlled under the Montreal Protocol and its amendments. ODS has an ozone-depleting potential greater than zero (0) and can deplete the stratospheric ozone layer.²

29.39
thousand kilograms

METHYL BROMIDE

An ODS that covers a broad spectrum of pesticides registered with the Fertilizer and Pesticide Authority for use as space and soil fumigant for the control of weeds, nematodes, fungi, and insect pests.²

HYDROCHLOROFLUOROCARBONS (HCFC)

The family of hydrogenated chemicals related to CFCs which contain hydrogen as well as chlorine, fluorine, and carbon. The hydrogen reduces their atmospheric lifetime, making HCFCs less ozone-depleting than CFCs and thus considered as transitional substances.²

1.20
million kilograms

Other substance of ODS was phased out such as Carbon Tetrachloride and Methyl Chloroform in 1996, Halons in 1999, and Chlorofluorocarbons (CFC) in 2010.

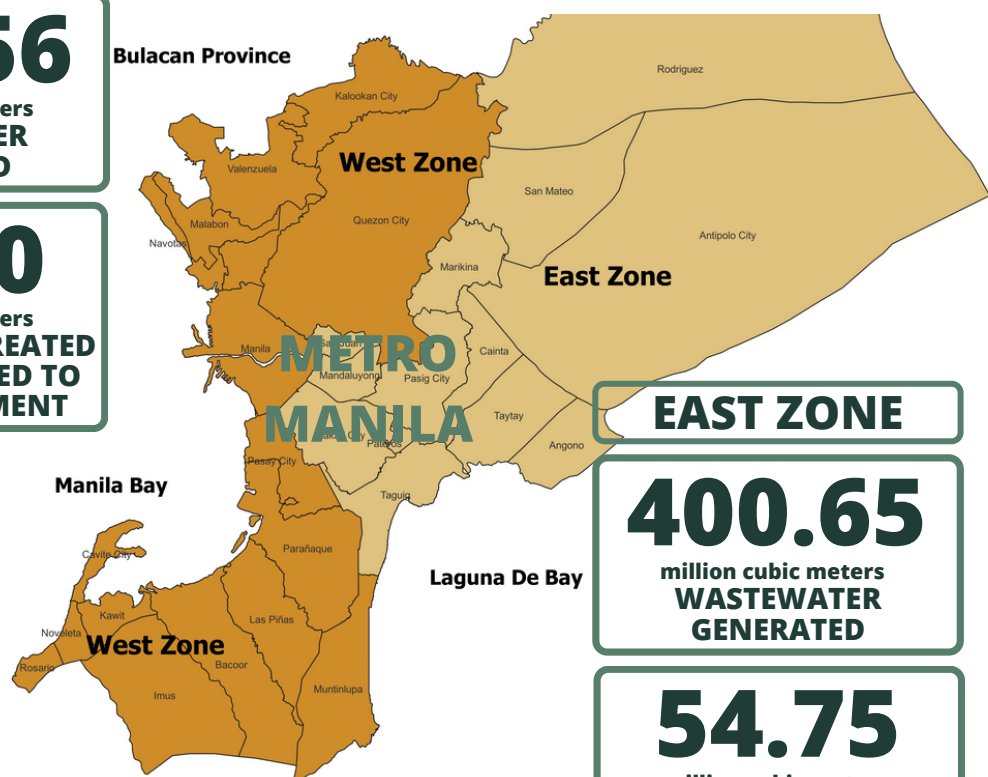
² based on DENR Administrative Order No.2013-25
Source: Environmental Management Bureau

GENERATION AND MANAGEMENT OF WASTEWATER, 2022

WEST ZONE

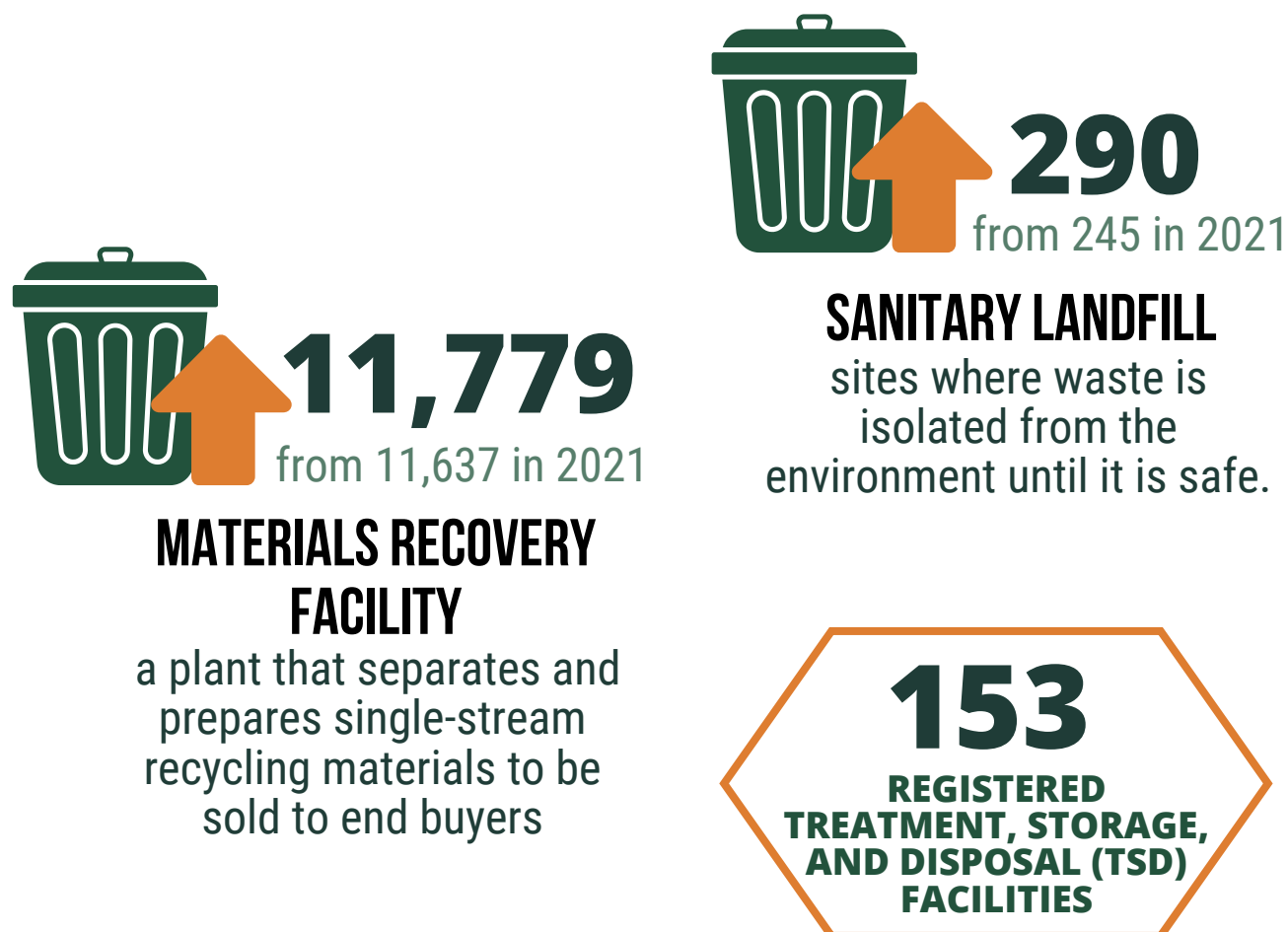
421.56
million cubic meters
WASTEWATER
GENERATED

65.60
million cubic meters
WASTEWATER TREATED
AND DISCHARGED TO
THE ENVIRONMENT



Source: Metropolitan Waterworks and Sewerage System

NUMBER OF SOLID WASTE DISPOSAL FACILITIES, 2022



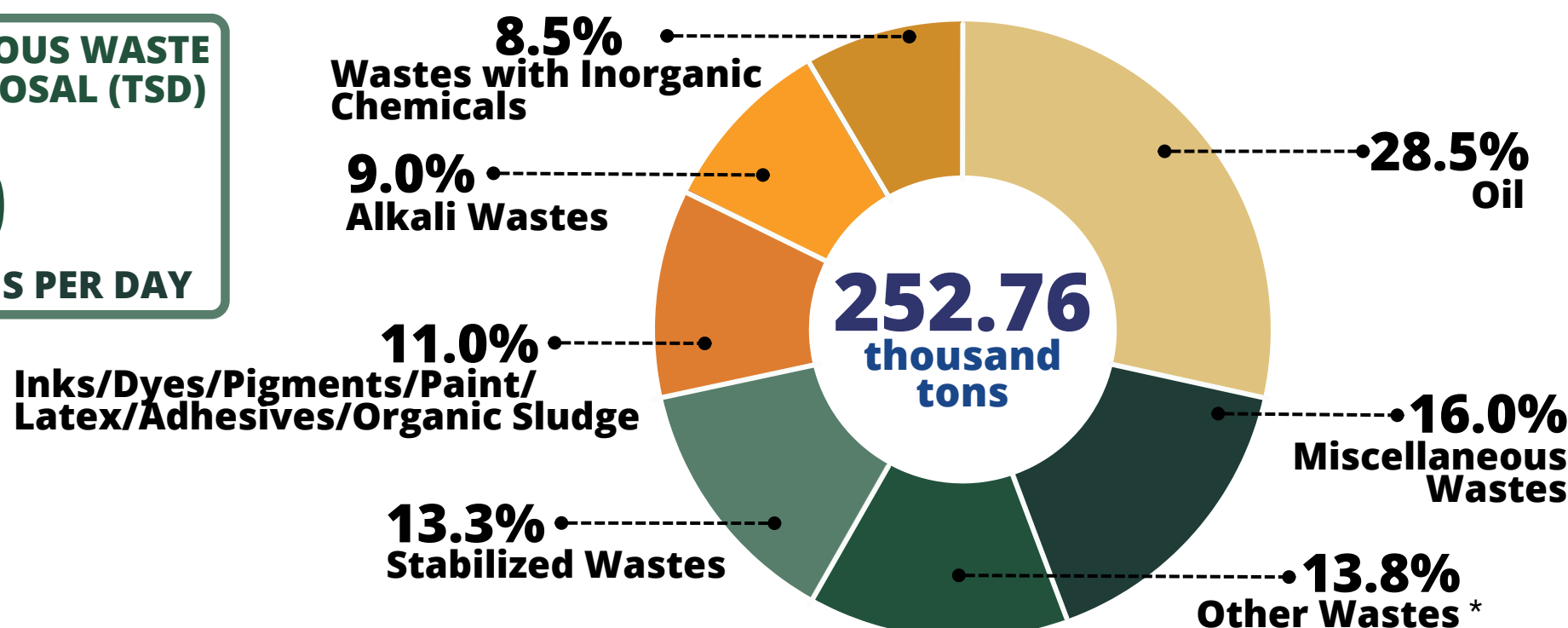
Source: Environmental Management Bureau

GENERATED HAZARDOUS WASTE, AS OF 2022

CAPACITY OF HAZARDOUS WASTE TREATMENT AND DISPOSAL (TSD) FACILITIES

1.90

MILLION METRIC TONS PER DAY



* Waste Organic Solvent
Organic Wastes
Containers
Acid Wastes
Reactive Chemical Wastes
Wastes with Cyanide
Organic Chemicals

Source: Environmental Management Bureau