Waste Statistics in United Arab Emirates

9 TH Expert Group on Environment Statistics

2022

KNOWLEDGE
FOR PROSPERITY

Ministry of Cabinet Affairs | وزارة شـؤون مجلـس الـوزراء

United Arab Emirates

The United Arab Emirates is a federal country (National day is 2 December 1971), it consisting of seven emirates, Abu Dhabi (the capital), Dubai, Sharjah, Ajman, Umm AL Quwain, Ras Al Khaimah, and Fujairah.

https://1map-fcsa.hub.arcgis.com/

Arabian Gulf

Ras Al-Khaimah

Umm Al-Quwain

Fujairah

Ajman

Sharjah

Dubai

Abu Dhabi

Emirate	Area	%
Abu Dhabi	59,434.7	83.7
Dubai	4,027.1	5.7
Sharjah	2,564.4	3.6
Ajman	268.2	0.4
Umm Al-Quwain	702.2	1.0
Ras Al-Khaimah	2,447.1	3.4
Fujairah	1,579.9	2.2
Total	71,023.6	100.0
Territorial sea	27,624.9	

Statistics System in United Arab Emirates

Official Statistics were started in UAE since the federation foundation in 1972, and keep improving , where the recent government body of statistics was announced in September 2020 as Federal Competitiveness and Statistics Center (FCSC). The governmental statistics work in UAE is managed by FCSC with cooperation and integration of the seven local statistical entities work.

References of Statistics in UAE

UAE is following the International Statistical Standards in Structure official statistics

Environment Statistics, the main recent reference is the framework of environment statistics (FDEF-2013)

UAE is following Generic Statistics Business Process Model (GSBPM)

United Nations Statistics Division
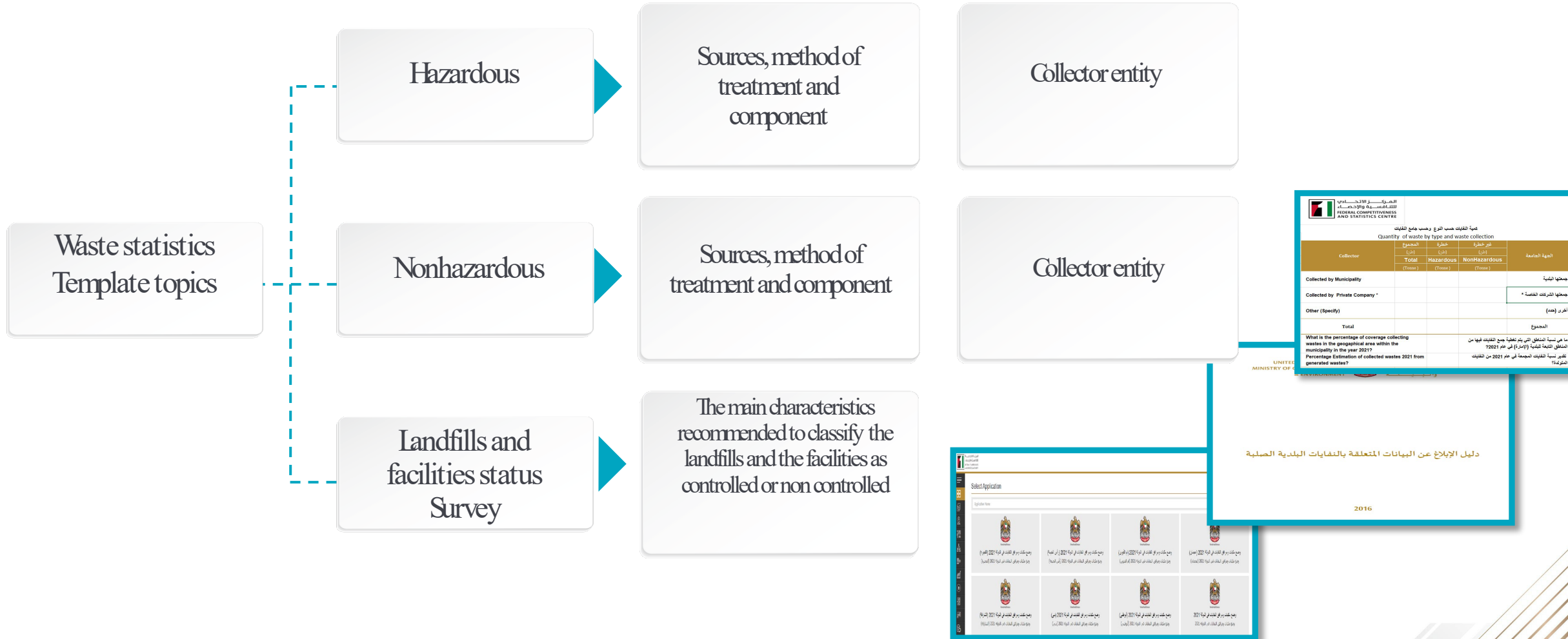

FRAMEWORK FOR THE DEVELOPMENT OF ENVIRONMENT STATISTICS (FDES 2013)
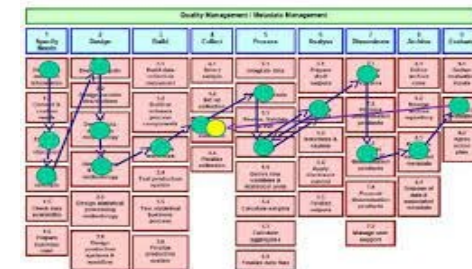
Waste Statistics Compiling is part of the Environment statistics compiling process
The main step is to build a strong cooperation with the relevant stakeholders, follow the standards in data collection, designate the roles of each stakeholder and share the responsibilities and Knowledge.

Waste Statistics

Landfill and facilities Survey

Administrative Data

Local Statistical centers in cooperation with the local waste management entities

Local Statistical centers in cooperation with the local waste management entities

Ministry of Climate Change and Environment (MOCCAE)

Administrative waste statistics collection templates were designed based on the recommendations of the Framework for Development of Environment Statistics (FDES)

Waste statistics Template topics

- **Hazardous** → Sources, method of treatment and component → Collector entity
- **Nonhazardous** → Sources, method of treatment and component → Collector entity
- **Landfills and facilities status Survey** → The main characteristics recommended to classify the landfills and the facilities as controlled or non controlled

Waste statistics – Template

Quantity of Hazardous Wastes by Component and Method of Treatment

Quantity of E- Wastes by Category and Method of Treatment

Energy Generation from Wastes

Waste statistics – Survey

Dissemination of waste statistics will be approved according to the GSBPM SYSTEM steps after the data validated according to multiple quality tests.

https://fcsc.gov.ae/en-us/Pages/Statistics/Statistics-by-Subject.aspx#/%3Ffolder=Economy/National%20Account/National%20Account

Waste Statistics dissemination files were used by multiple users and the main users are:

MOCCAE for strategic planning , International organizations queries, SDG-indicators, researchers, students and others

Sustainable cities and communities

- Indicator 11.6.1

Proportion of municipal solid waste collected and managed in controlled facilities out of total municipal waste generated, by cities

Landfills and Facilities status Survey

Responsible consumption and production

- Indicator 12.3.1
- (a) Food loss index and (b) food waste index
- Indicator 12.4.2
- (a) Hazardous waste generated per capita; and (b) proportion of hazardous waste treated, by type of treatment
- Indicator 12.5.1

National recycling rate, tons of material recycled

Administrative Data

Q&A

Thank You

@FCSAUAE | @UAESDGS