



TICAD 9 Thematic Event

“The Fukuoka Method” will save the Solid Waste Management Issues in the world!



Fukuoka



Shiro Noguchi
Director, Environmental Policy Section,
Environmental Bureau, Fukuoka City

1. Introducing Fukuoka City

2. Fukuoka's Environmental Efforts

3. Waste Landfill Technique

1. Introducing Fukuoka City

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3. Waste Landfill Technique

Japan's gateway to the Asian continent



5th biggest city in Japan



Population growth

(October 2010–October 2020)

1st

out of major cities

Livable City ①

Port, airport, major train stations and main urban centers are all located within a 2.5 km radius



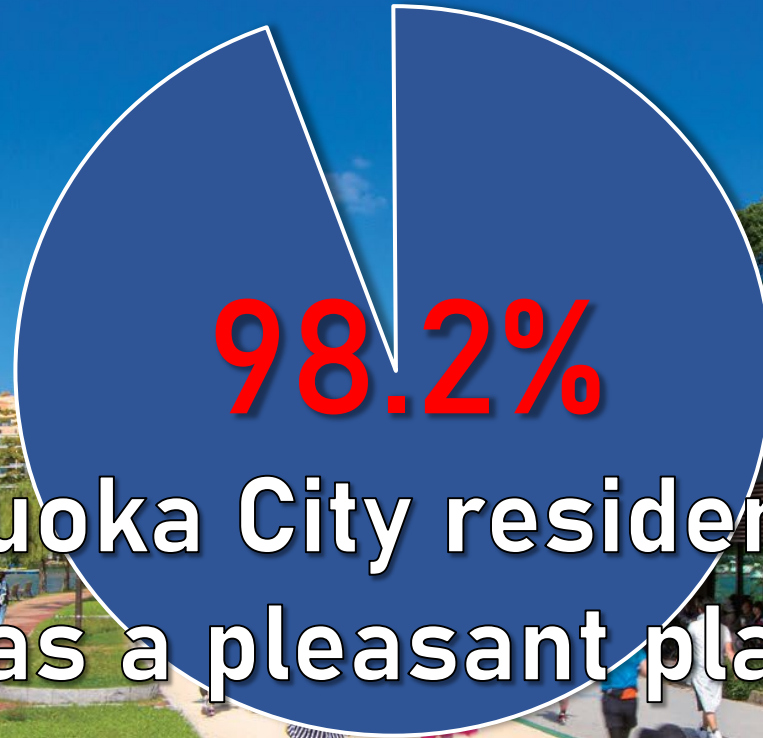
Livable City ②



Livable City ③



Livable City ④



of Fukuoka City residents view
the city as a pleasant place to live

Community Attitude Survey on Municipal Government
(2023)

Strategic Urban Development



“Compact Principles for Improved Quality of Life”

The International Guidelines on Urban and Territorial
Planning,
UN-Habitat (2015)

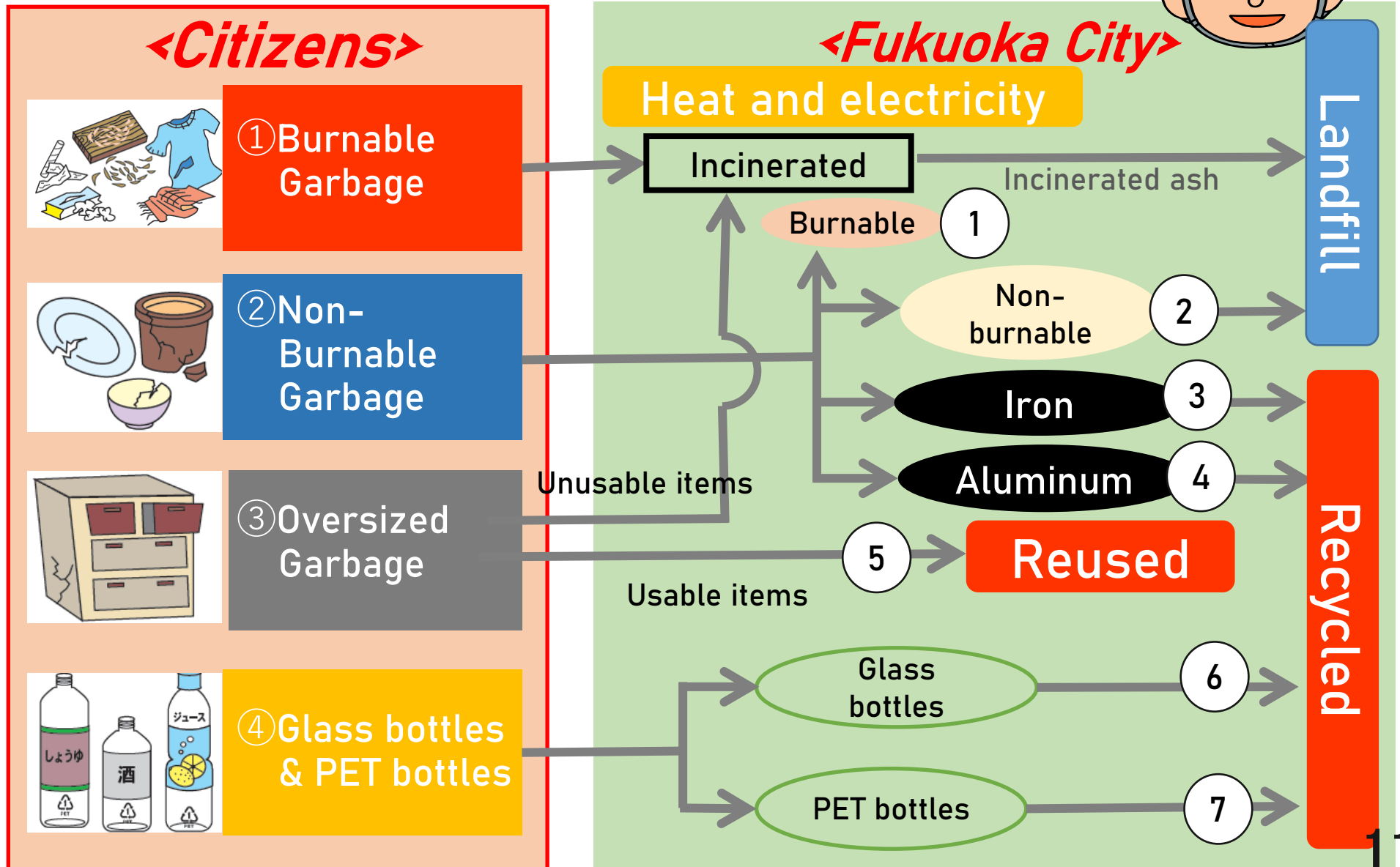
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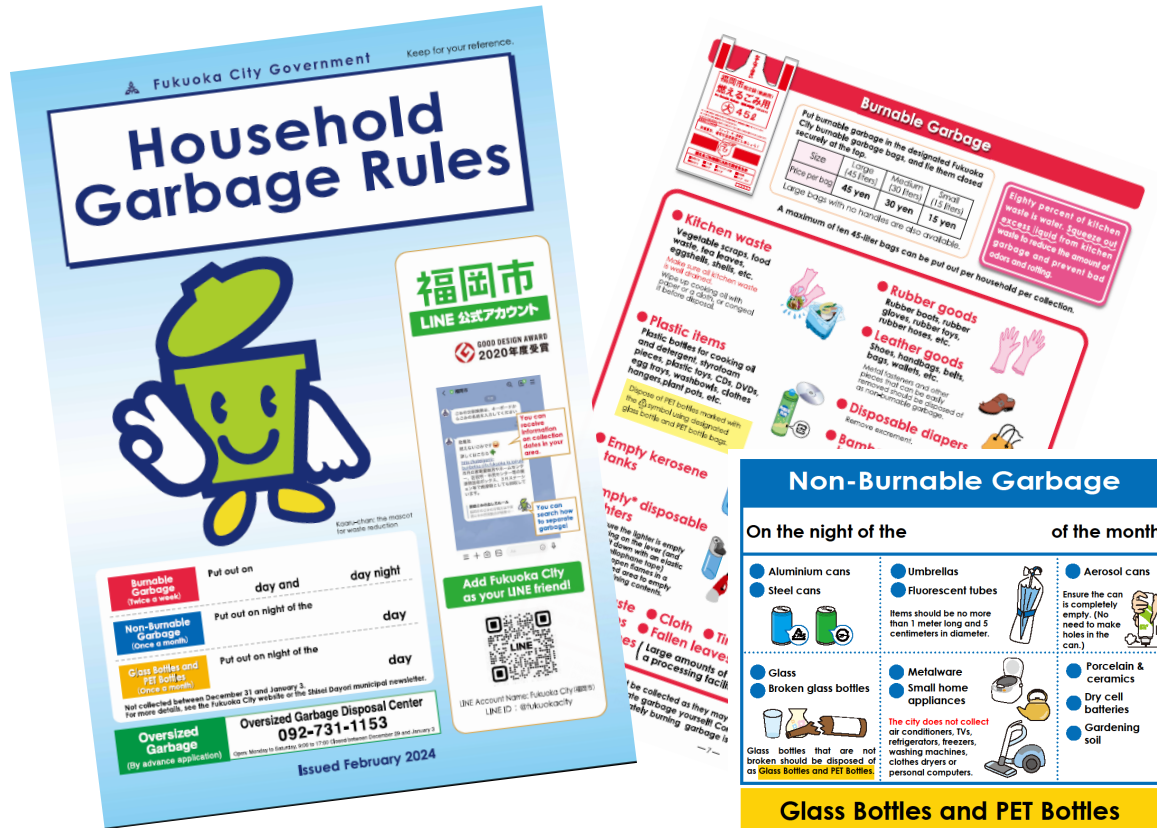
Waste Disposal Flowchart

- Household garbage is separated into 7 categories.



Raising Awareness of City Residents ①

Brochures



(4 languages)

Websites



(10 languages)

Raising Awareness of City Residents ②



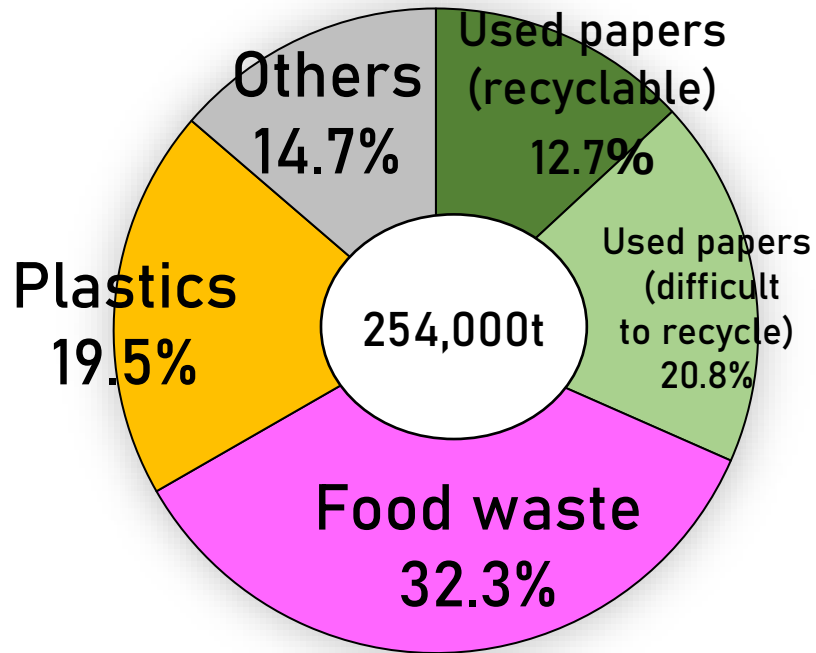
Environmental
education



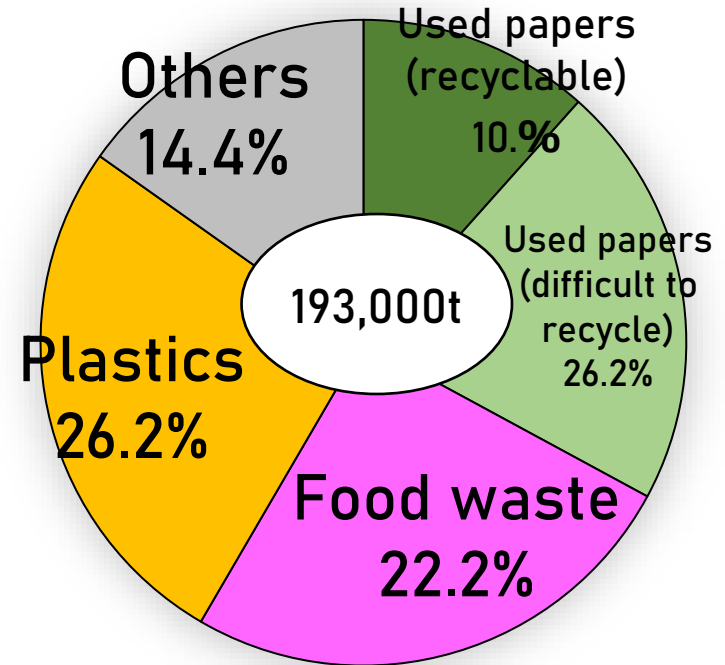
Lectures

Garbage composition

Household burnable garbage
(FY2023)



Commercial burnable garbage
(FY2023)



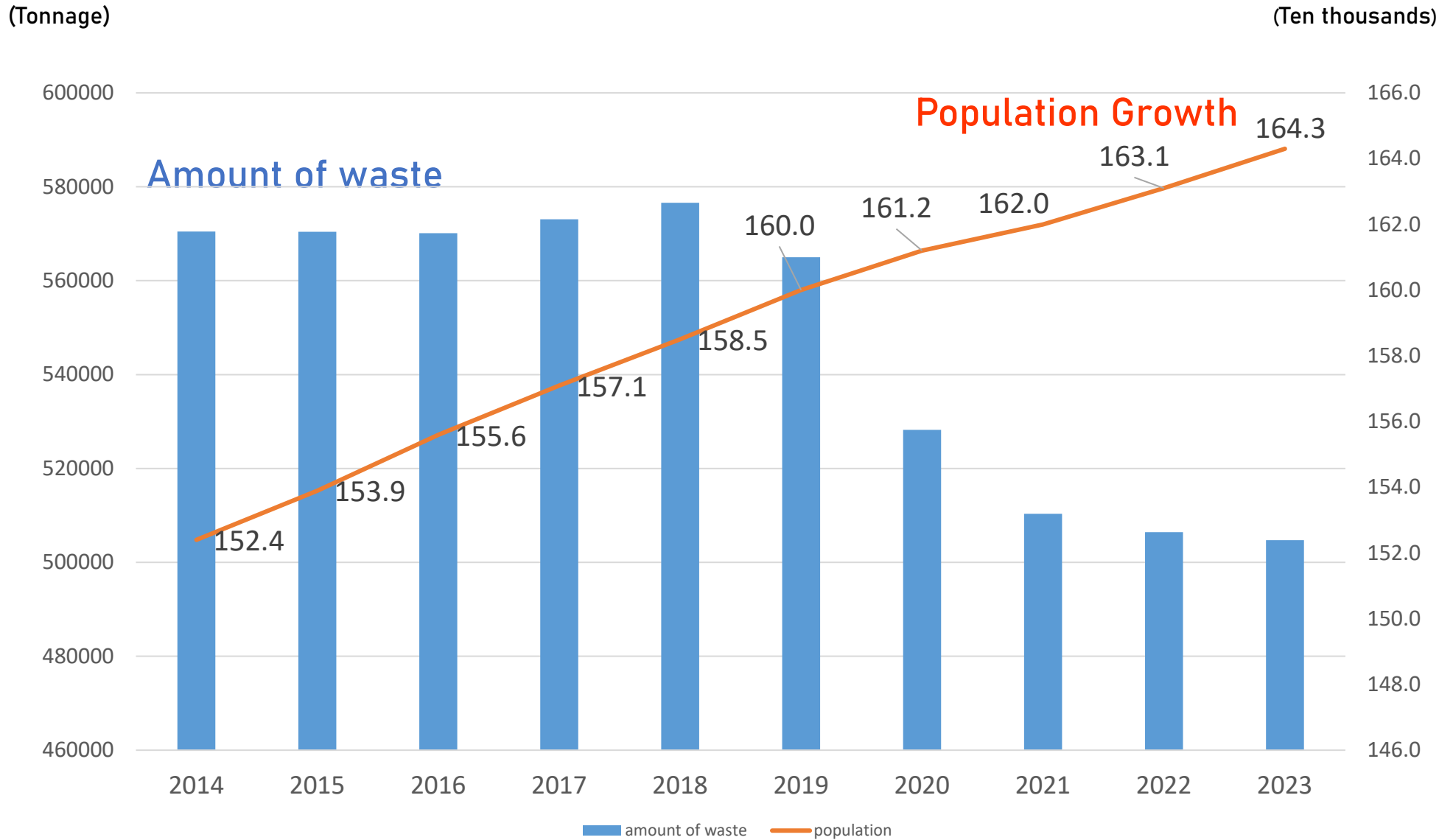
3 priority items

Used papers

Plastics

Food waste

Successful Waste Reduction



Four Incineration Plants

Seibu Incineration Plant



Rinkai Incineration Plant



Tobu Incineration Plant



Clean Ene Park Nanbu



Two Landfills

Nakata Landfill



Fushitani Landfill



Clean up the City

Advantages of nighttime collection

- Improved collection work efficiency
- Crime prevention and disaster mitigation
- Reduction of damage by crows



Promoting Food Waste Composting



1. Introducing Fukuoka City

2. Fukuoka's Environmental Efforts

3. Waste Landfill Technique

An aerial photograph of a coastal area, likely a port or industrial site. The image shows a large body of water (blue) at the top, a pier extending into it, and a large, flat, brownish area (possibly a construction site or dry dock) in the center. There are some blue structures (possibly solar panels or industrial equipment) on the brown area. The surrounding land is green with trees. A large white question mark is overlaid on the image, centered in the upper half.

?

What is the *Fukuoka Method*?

Public/Academia Partnership that began **50** years ago



Fukuoka University and Fukuoka City government collaborated to develop the Fukuoka Method to solve waste management problems and make international contributions.

What Fukuoka City is doing?

Fukuoka Method Global Network

Organizations promoting Fukuoka Method

Ministry of the
Environment Japan

UN-Habitat

JICA



Ministry of the Environment
Japan

UN HABITAT
FOR A BETTER URBAN FUTURE



Secretariat

Fukuoka City

Fukuoka Environment
Foundation



公益財団法人 ふくおか環境財団
FUKUOKA ENVIRONMENT FOUNDATION

Technical Team

Fukuoka City

Fukuoka University

SWAN Fukuoka

Private companies



Sharing information

Training

Online consulting
and utilizing databases

FMGN Webinar

The 9th Tokyo International Conference on African Development (TICAD 9) Partner Project



FMGN Webinar

Fukuoka Method Spreading Around the World 1: Africa

The Fukuoka Method, a safe and sustainable landfill technology jointly developed by Fukuoka University and Fukuoka City, is now being introduced in 21 countries in Asia and around the world, helping to solve urban waste problems and promote decarbonization through improving landfill sites.

This year's FMGN Webinar, titled "Fukuoka Method Spreading Around the World," will present examples of how the Fukuoka Method has been introduced in Africa and Asia. We look forward to your participation.

1. Date

Thursday, October 3, 2024

4:00 p.m. to 5:30 p.m. (Japan time)

- ## 2. Venue

Zoom webinar with simultaneous interpretation
(Japanese-English/French)

- ### 3. Registration

Please access the registration page via the link below or using the 2D code on the right.

https://intergroup.zoom.us/webinar/register/WN_thC6ALTfQ-0XztN-Q4nsw



- #### 4. Seminar

Speaker: Mr. Toshikazu Mito
(SWAN-Fukuoka advisor & UN-Habitat senior advisor)

Topic: Fukuoka Method applications in Africa: case studies

The session will illustrate how the Fukuoka Method has recently been introduced in African cities, and analyze challenges and opportunities for further applications.

The second part of this seminar is scheduled for around **January 2025**. The topic will be examples of how the Fukuoka Method is being used in Vietnam.

FMGN Fukuoka Method Global Network

With cooperation from the Ministry of the Environment, UN-Habitat, JICA,
Fukuoka University, Fukuoka City, and others

FMGN Webinar



Fukuoka Method Spreading Around the World 2: Asia, Vietnam

The Fukuoka Method, a safe and sustainable landfill technology jointly developed by Fukuoka University and Fukuoka City, is now being introduced in 21 countries in Asia and around the world, helping to solve urban waste problems and promote decarbonization through improving landfill sites.

This year's FMGN Webinar, titled "Fukuoka Method Spreading Around the World," will present examples of how the Fukuoka Method has been introduced in Africa and Asia. We look forward to your participation.

1. Date

Monday, February 10, 2025

4:00 p.m. to 5:30 p.m. (Japan time)

- ## 2. Venue

Zoom webinar with simultaneous interpretation
(Japanese-English/French)

- ### 3. Registration

Please access the registration page via the link below or using the 2D code on the right.

https://lntergroup.zoom.us/j/webinar/register/WMN_6Ljg8Pd4QeKp9Wyd1Dh0ZRO



Gas venting system image

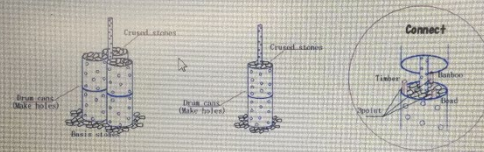


Image of gas venting system construction
(Hawassa, Ethiopia (Mar. 2023))

of a model
pects of the
untries.

Network
-Habitat, JICA,
city, and others

JICA・FMGN Training for engineers

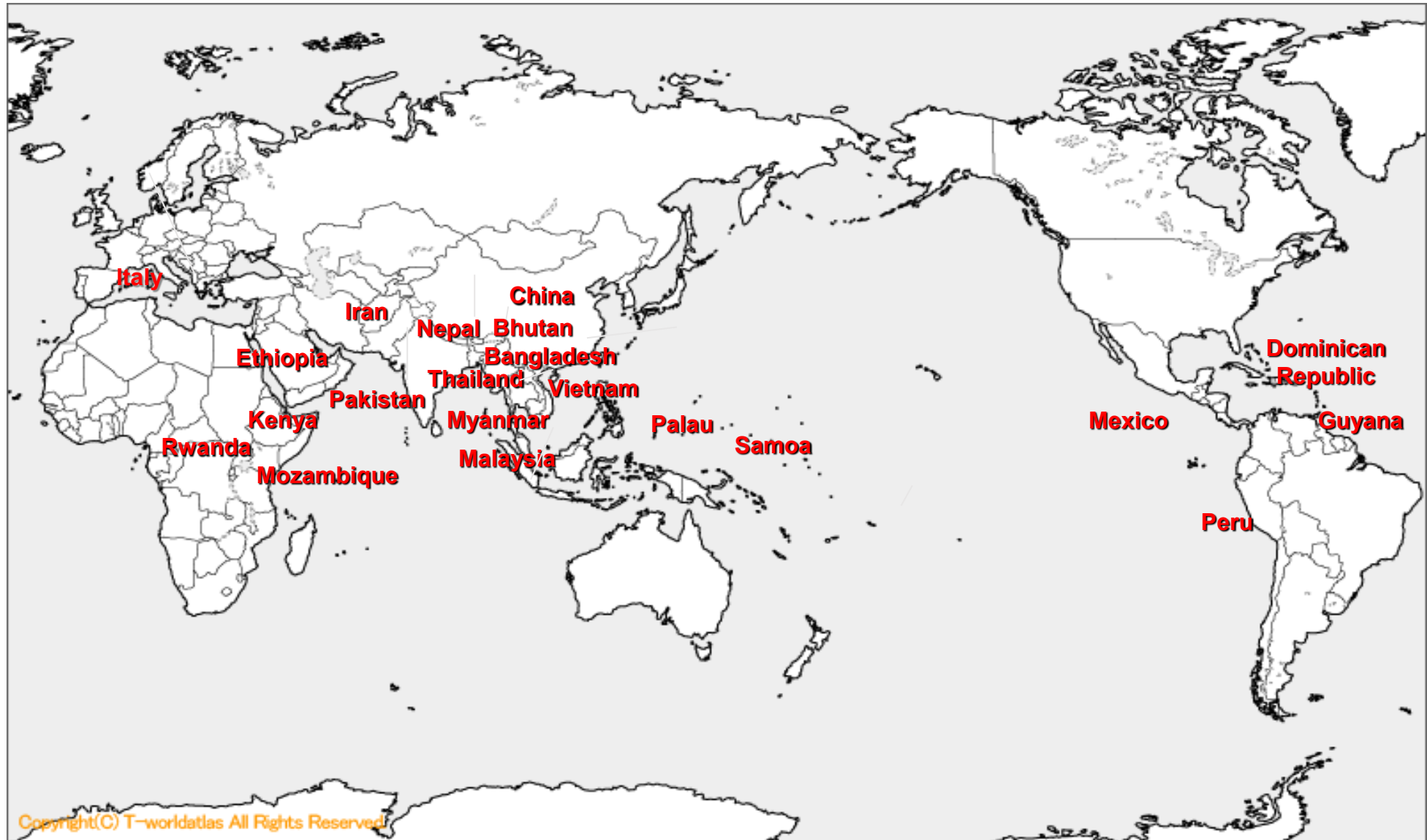


Technical transfer mainly driven
by onsite training

2025. 5.14- 5.30



Introducing the Fukuoka Method worldwide



Introducing the Fukuoka Method worldwide②



PR Activities

4–8 November 2024, Cairo, Egypt

WORLD
URBAN
FORUM



COP28
UAE

TICAD
YOKOHAMA
2025



We are exhibiting at a booth!
(B-68)

20–22 August 2025, Yokohama, Japan

A scenic view of the Fukuoka skyline from across the water. In the foreground, a large, modern stadium with a distinctive copper-colored, segmented dome is visible. Behind it, a tall, rectangular skyscraper with a grid-like facade stands prominently. To the right, a very tall, slender tower with a pointed top rises into the sky. The background features a range of mountains under a bright blue sky with scattered white clouds. The water in the foreground is a deep blue.

Thank you for your attention.

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fmgn2022@city.fukuoka.lg.jp