

Aiming for a Sustainable Future:

Yokohama's Waste Management
and International Technical Cooperation



City of Yokohama

Yokohama's Waste Management

The City of Yokohama, in collaboration with residents, businesses, and the national government, has been working on reducing waste through separation and recycling as well as the proper disposal of the remaining waste. Through initiatives in the field of waste management, the city also aims to address environmental, economic, and social issues, and to pass on a good environment to future generations.

Initiative

1



Collaboration with Residents and Businesses

Separation at the source into 10 categories and 15 items conducted at home

Efforts by businesses to reduce waste



Initiative

2

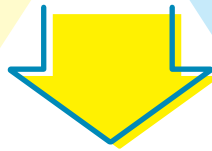


Promotion of Proper Waste Disposal

Regular collection, transportation, processing, and disposal

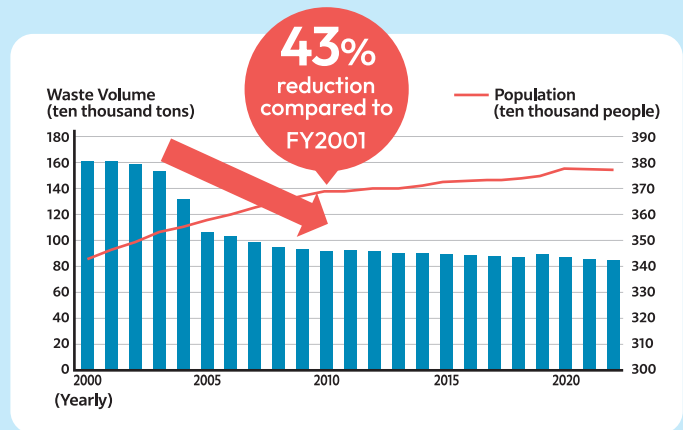
Awareness activities and environmental education

Steady development of waste disposal facilities

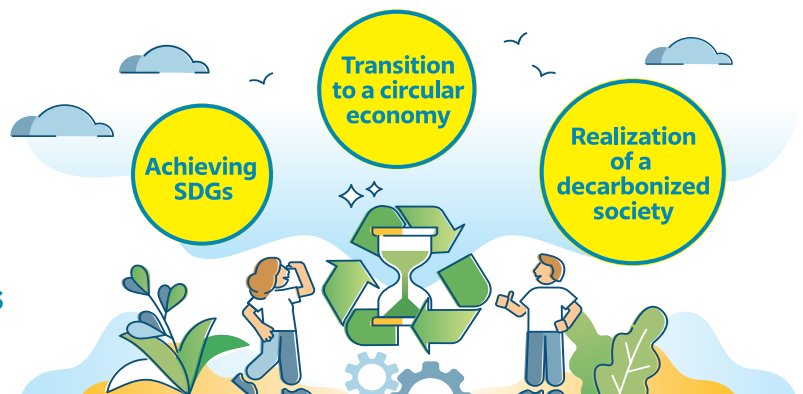


By implementing **these two initiatives**, we achieve //

- Extension of the lifespan of final disposal sites by waste reduction
- Suspension and discontinuation of incineration plants
- Transition to environmentally conscious lifestyles and business models



The City of Yokohama is utilizing the experience and know-how it has cultivated to advance international technical cooperation to help solve the issues faced by various countries and cities overseas.



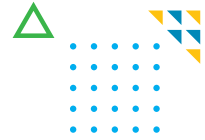
Support for African countries and cities

The City of Yokohama, in collaboration with JICA and private businesses, conducts training sessions for administrative officials from African countries and cities to improve waste management in Africa.



Sharing Know-How

Participants will acquire knowledge on waste disposal and resource recycling legal frameworks, the process of waste management in Yokohama, and collaboration with residents and businesses.



Experience public-awareness techniques



Lectures

Simulated waste collection workshop



Conveying the reality of treatment facilities

Operating waste treatment facilities requires thorough consideration to ensure minimal impact on the surrounding environment. Trainees will observe firsthand how proper treatment is carried out and learn from it.

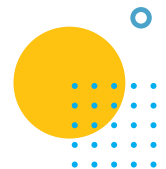
Incineration plants



Material sorting facilities



Facilities for final disposal site wastewater treatment



African Clean Cities Platform (ACCP)

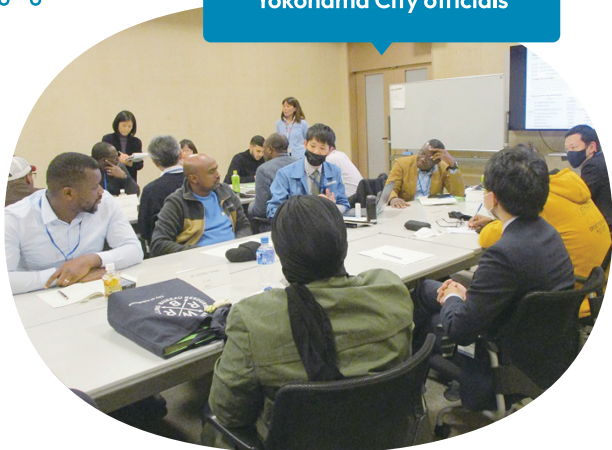
A platform aimed at achieving clean cities and healthy living in African countries, promoting knowledge sharing on waste management, and advancing SDGs. Yokohama's accumulated knowledge and advanced technologies in waste management have been recognized, making it a base for domestic training.



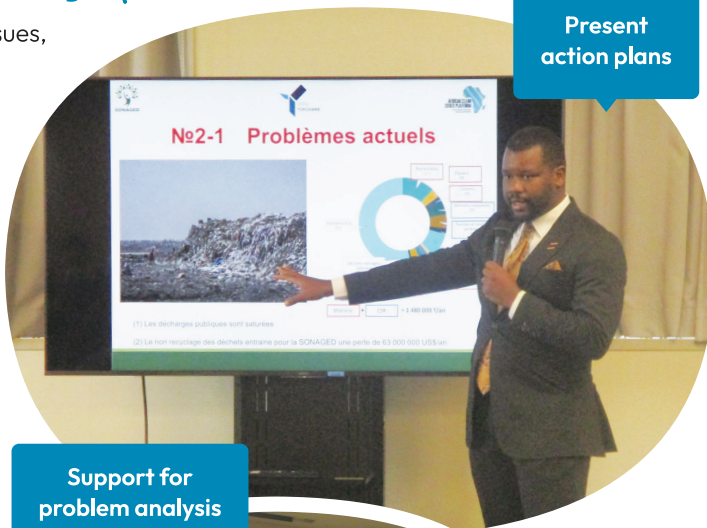
Collaboratively considering the future of one's own country

Trainees will analyze their country's waste management issues, develop action plans for improvement, and present them. The aim of this training is for trainees to implement their action plans upon returning to their home countries.

Exchange of opinions with Yokohama City officials



Present action plans



Support for problem analysis



Post-training anecdotes

The problem was that trash was being carelessly dumped in downtown areas. Through training in Yokohama, I learned the importance of placing collection points in easily accessible locations for citizens and encouraging them to participate in sorting waste. Upon returning home, I set up collection points where people could sort their waste.



Before



After



Performance data

- Implementing organization: JICA, Yokohama Resources and Waste Recycling Public Corporation, City of Yokohama Resources and Waste Recycling Bureau
- Achievements: Implemented 15 times between 2018 and 2023, with 153 participants from 39 countries.

Support through the Y-PORT Project

The Y-PORT project is an international technical cooperation initiative through public-private partnerships that leverages Yokohama's resources and technologies. The City of Yokohama, together with Y-PORT partner cities, is advancing efforts to solve urban issues faced by overseas cities.

Support for Da Nang City

As part of JICA's grassroots technical cooperation project, Yokohama is supporting Da Nang City in Vietnam by sharing its know-how and experience in waste separation and recycling operations.

Training on Soil Mixing Method in Yokohama City



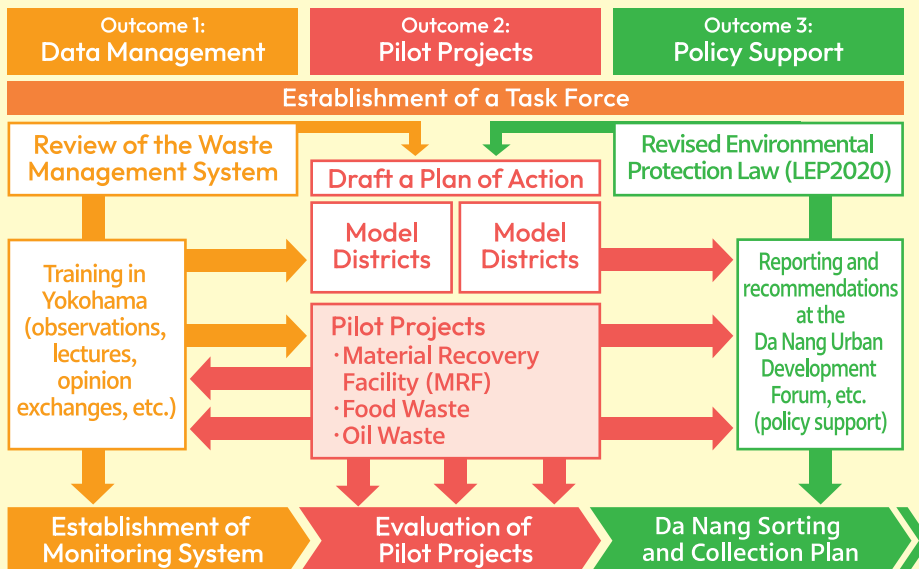
Opinion exchange between Yokohama and Da Nang City on the promotion of waste management



Pilot project for recyclable material collection in Da Nang City



JICA Grassroots Technical Cooperation Project in Da Nang City



Material Recovery Points in Pilot Projects

Expansion of Best Practices (Da Nang City Model) to other cities in Vietnam

Hosting Observation Tours

The City of Yokohama accepts observation from countries and cities around the world at its incineration plants and other waste treatment facilities.



Observation of material sorting facilities

Sorting techniques for recyclable materials such as cans, bottles, and PET bottles, as well as incineration techniques for waste that remains even after sorting, deepening our knowledge of waste disposal.



Observation of incineration plants



Observation of final disposal sites

We can deepen our understanding of technologies to appropriately maintain and manage final waste disposal sites.



Observation of citizen awareness facilities

To convey the importance of waste sorting, we deepen our understanding of the public awareness-raising methods that Yokohama City has cultivated.

City of Yokohama Resources and Waste Recycling Bureau,
Policy Coordination Division

6-50-10 Honcho, Naka-ku, Yokohama 231-0005 TEL: +81-45-671-2503 FAX: +81-45-550-4239
E-mail: sj-wastemanagement@city.yokohama.jp



City of Yokohama
HP (Jp)



City of Yokohama
HP (En)