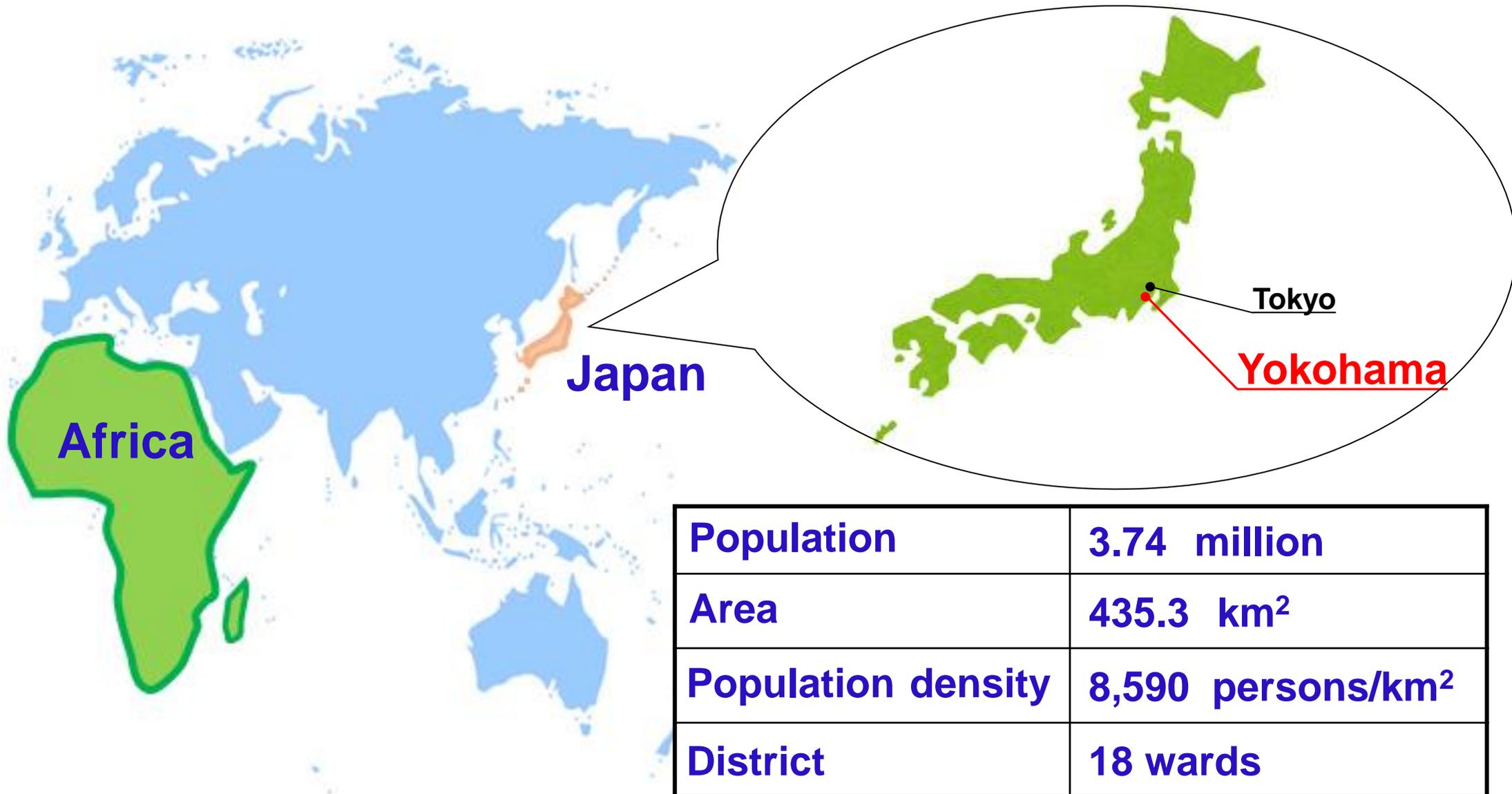


African Clean Cities Platform Training Program in Yokohama

Kazuo FUKUYAMA

Director General
Resources & Waste Recycling Bureau
City of Yokohama

Overview of Yokohama



(as of May 1, 2018)

TICAD in Yokohama



TICAD 7 (2019)



TICAD 6 (2016)



TICAD 5 (2013)

TICAD 4 (2008)

©Ministry of Foreign Affairs of Japan

Exchanges Between Yokohama and Africa



One School, One Country Program

Participation in African Clean Cities Platform



- Establishment Meeting
In Maputo, Mozambique
- The First Annual Meeting
In Rabat, Morocco
- The Second Annual Meeting
In Yokohama



Training Program in Yokohama



The First Training Program

- **Participants thus far**
20 officials from
15 countries
- **The third Training Program**
February 2019



The Second Training Program



Yokohama's Expertise

- ✓ **Experience**
of Urban Problem Solving
- ✓ **Know-how**
of Waste Management Operations
- ✓ **Collaboration**
with both Citizens and Private Businesses





Yokohama's Expertise

Experience of Urban Problem Solving



Rapid Economic Growth



Affluent Life



Increase in traffic volume

Scenes from Yokohama (1970s)

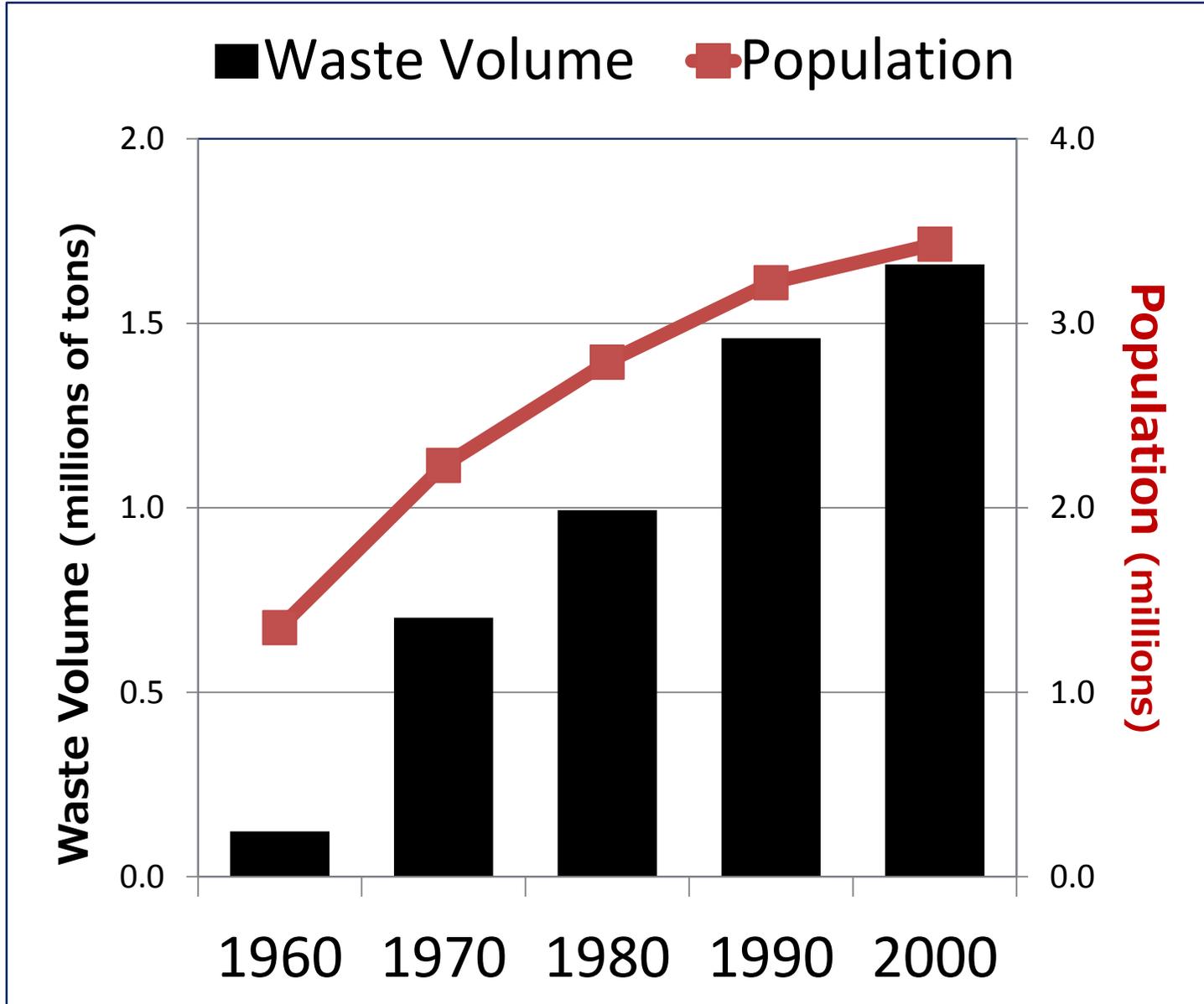


**Final Disposal Site
Overflowing with Waste**



**Increased Amount of
Large-Size Refuse**

Waste Volume and Population (1960s~2000s)



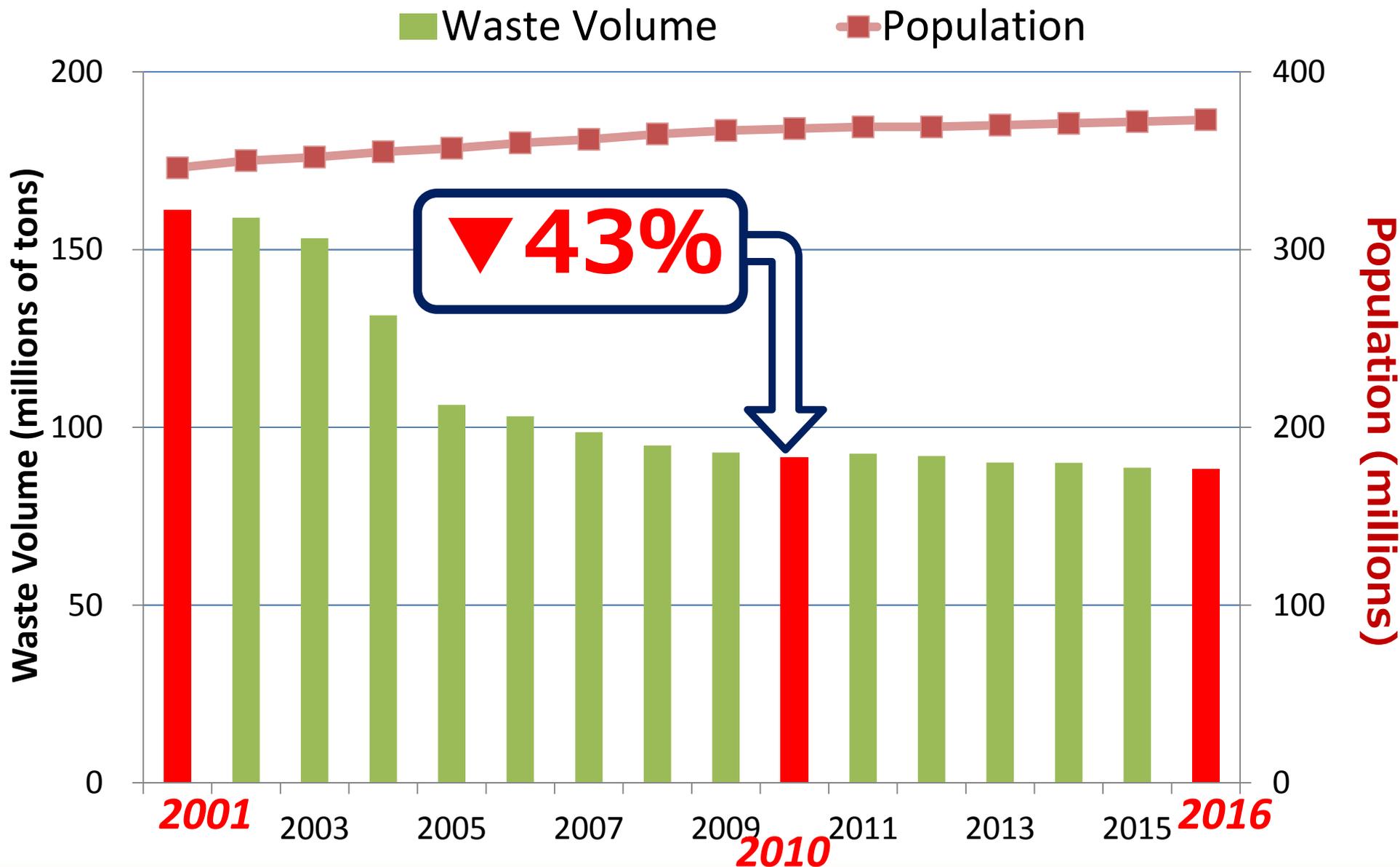
Over 40 years

Population:
× 2.5

Waste Volume:
× 16



Waste Volume and Population (2000s~)



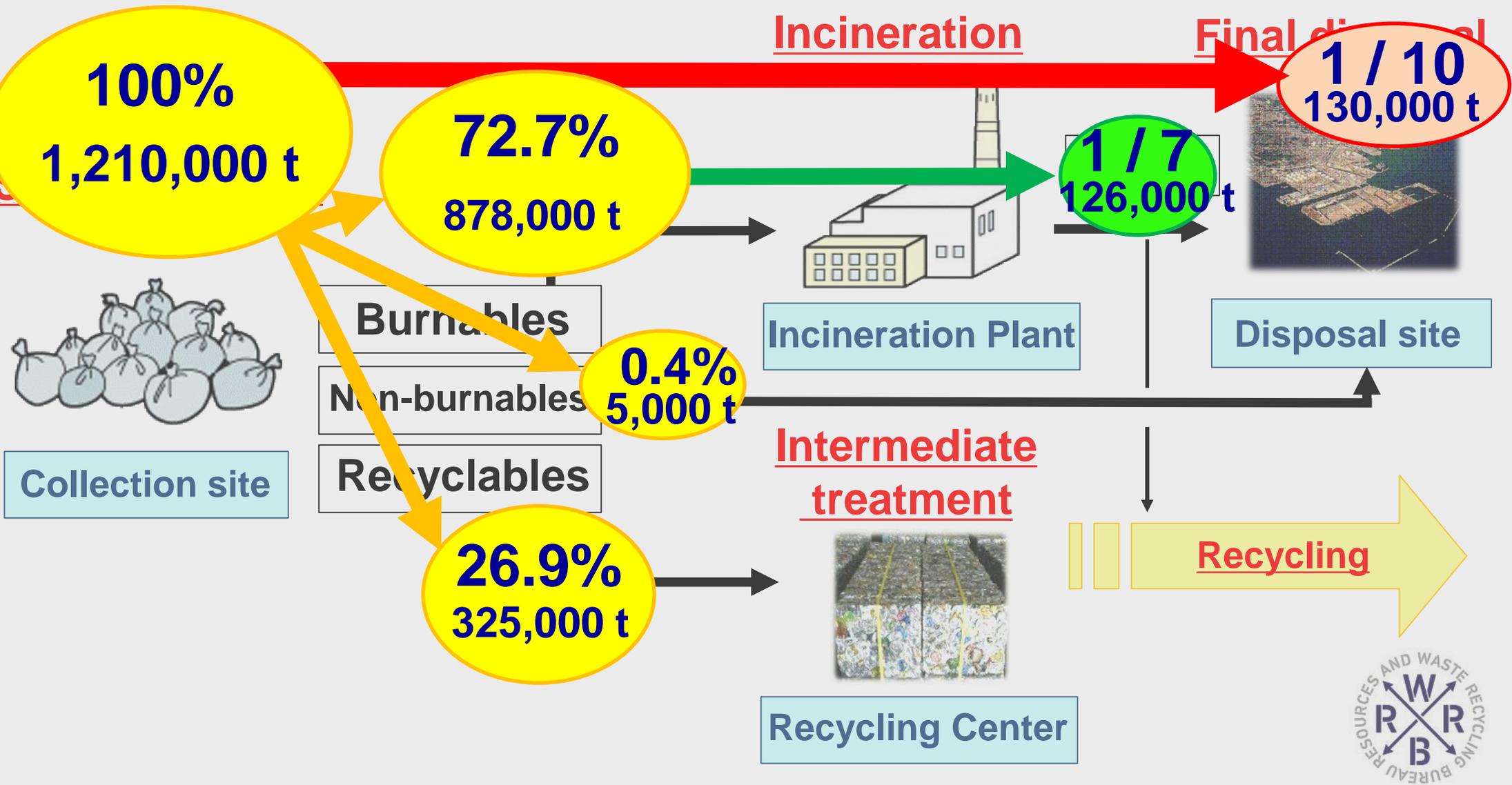


Yokohama's Expertise

Know-how of Waste Management Operations



Reduction of Waste & Resources



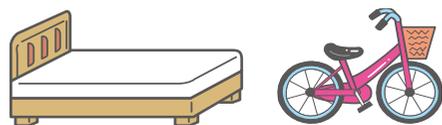
Sorted Disposal

Sorting Categories: 10 categories, 15 types

Burnables



Oversized waste



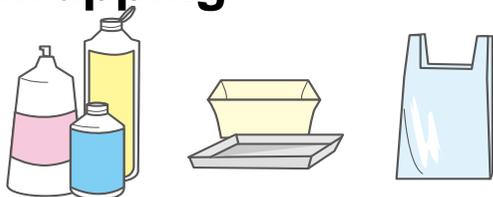
Cans, glass bottles, plastic bottles



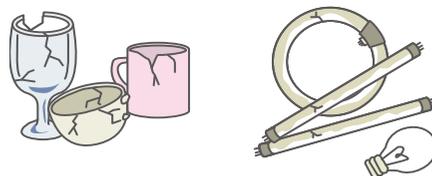
Small metal items



Plastic containers/wrapping



Non-burnables



Spray cans



Used batteries

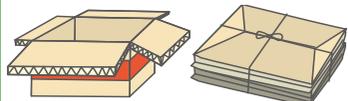


Paper

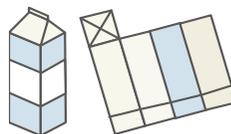
Newspapers



Cardboard



Cartons



Magazines/ other paper



Clothes/Fabrics



Collection Sites



74,000
Collection Sites



The First Training Program



The Second Training Program





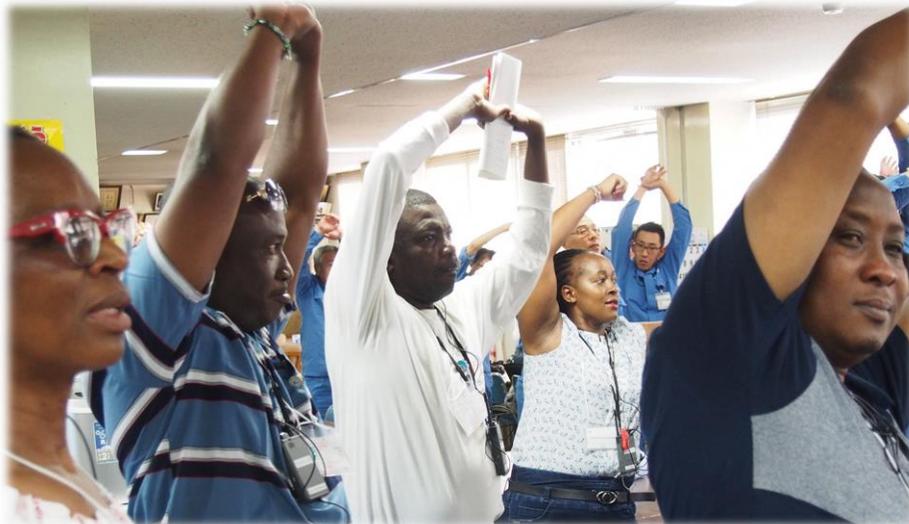
Collection and Transportation



The First Training Program

The Collection Office in each of the 18 wards collects household waste

Garbage Trucks	900
Staff Members	1,000



The Second Training Program



Average Garbage Truck (2 t)

Intermediate Treatment (Incineration)



The First Training Program



The Second Training Program

Kanazawa Plant

Year of Construction	2001
Capacity	1,200 tons/day
Power Generation	35,000 kW
Construction Cost	569million \$



Intermediate Treatment (Recycling)



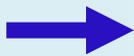
The First Training Program



The Second Training Program



Plastic Bottles



Fiber

Final Disposal



**Shinmeidai
Final Disposal Site**



**Minami-Honmoku
Final Disposal Site**



The First Training Program



The Second Training Program



Yokohama's Expertise

Collaboration

with both citizens and Private Businesses



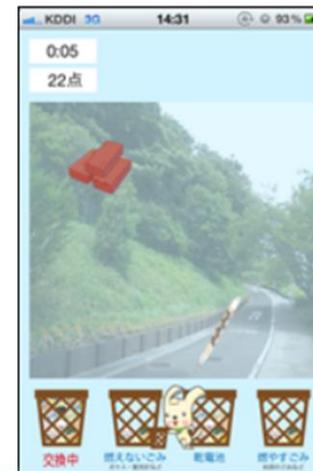
Environmental Education



The Second Training Program



Educational Material on the Environment



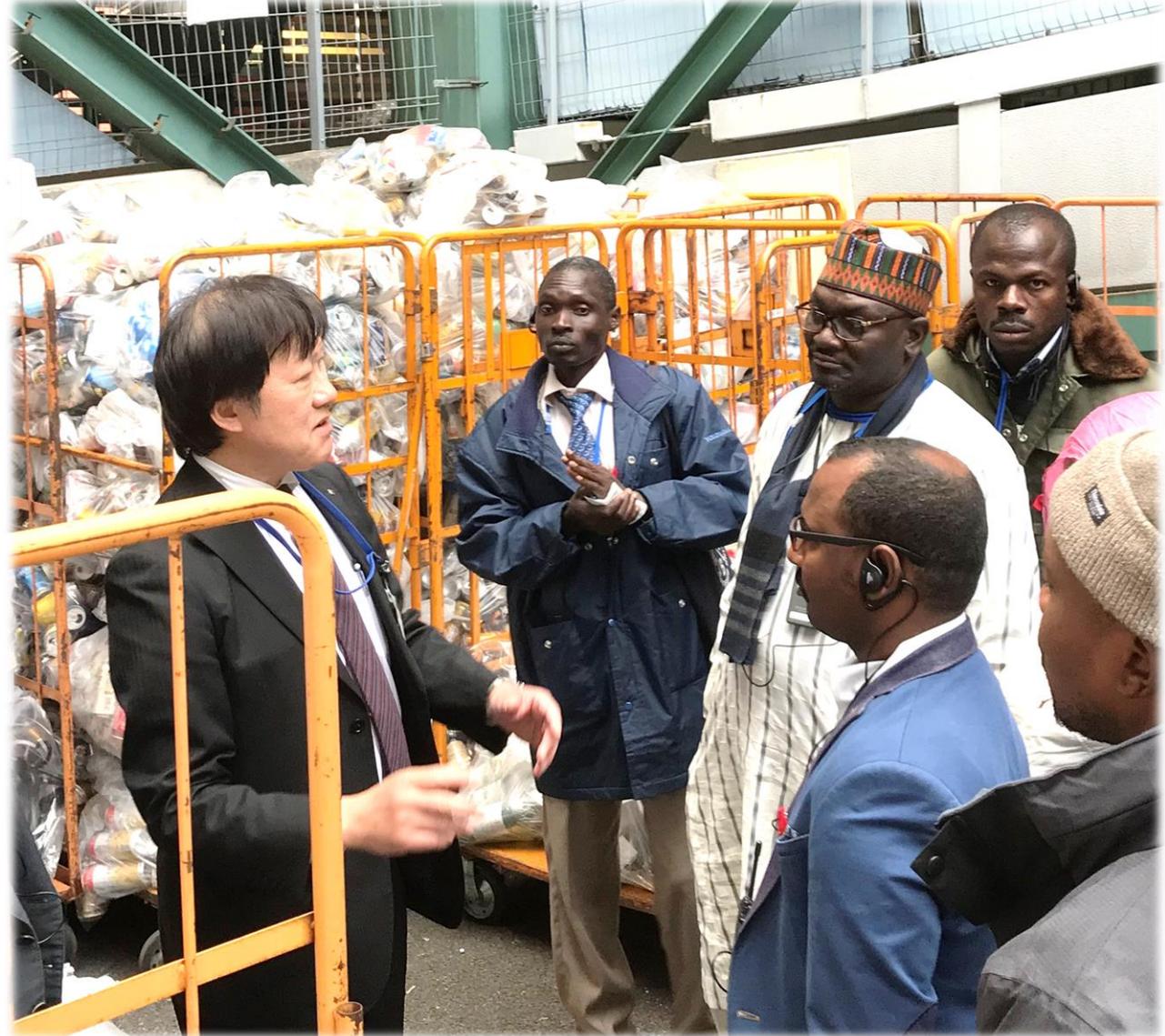
Waste Sorting Game

Exchange with Children



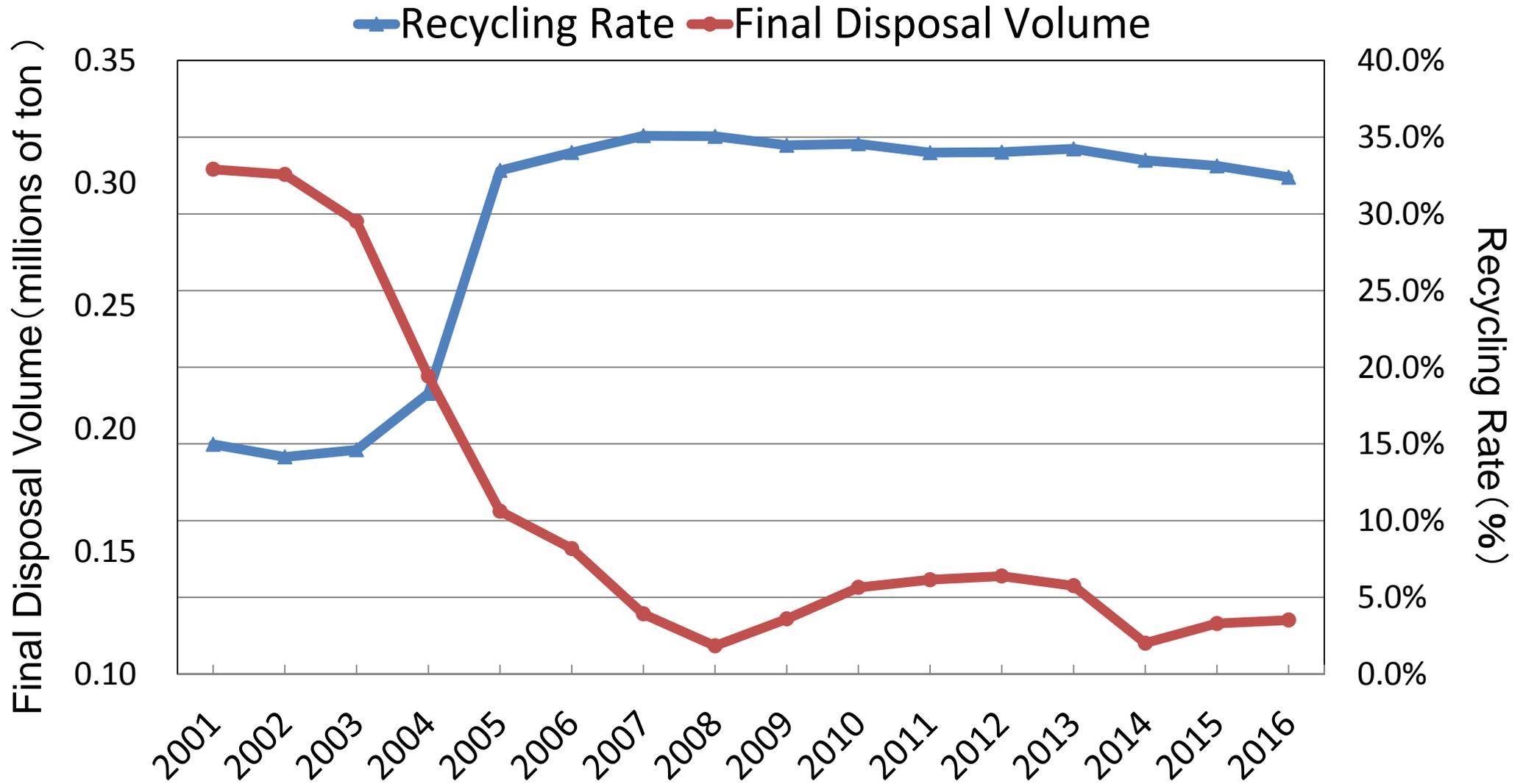
The First Training Program

Recycling technology



The First Training Program

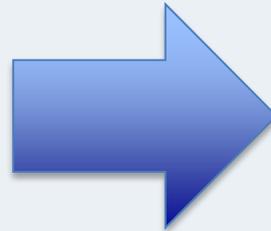
Recycling Rate & Final Disposal Volume





Toward Clean African Cities

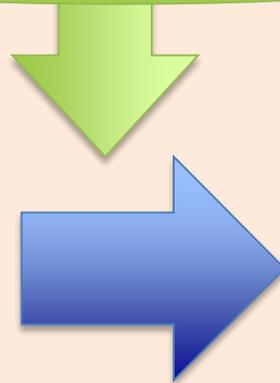
Yokohama



Africa



African Clean Cities Platform



Presentation of Action Plans



A Scene from the Plan Presentations



TICAD 7 in Yokohama

第7回

アフリカ開発会議

2019年 横浜開催

アフリカと横浜、
あふれる力でともに未来へ

TICAD 7 YOKOHAMA

**Expansion of
International
Technical
Ccooperation**

**Strengthening of
business support /
Promotion of
women's participation**

**Nurturing the next
generation /
Improvement of
citizen exchange**

Thank you for your attention



INQUIRIES:
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