

知ってますか？

# SDGs

日本と世界を変えるための17の目標です。

1 貧困をなくそう	2 飢餓をゼロに	3 すべての人に健康と福祉を	4 質の高い教育をみんなに	5 ジェンダー平等を実現しよう
6 安全な水とトイレを世界中に	7 エネルギーをみんなにそしてクリーンに	8 働きがいも経済成長も	9 産業と技術革新の基盤をつくろう	10 人や国の不平等をなくそう
11 住み続けられるまちづくりを	12 つくる責任つかう責任	13 気候変動に具体的な対策を	14 海の豊かさを守ろう	15 陸の豊かさも守ろう
16 平和と公正をすべての人に	17 パートナリシップで目標を達成しよう	<b>SUSTAINABLE DEVELOPMENT GOALS</b>		

2030年に向けて世界が合意した「持続可能な開発目標」です

Japan  
2020 国連開発計画は、SDGsに賛同する企業・地方・団体・個人を応援します。

詳しくは  検索

# From a recycling town to a town that creates the future of the world

Osaki Town Kagoshima Prefecture

Resident and Environment Division





# The Beginning of the Osaki Recycling System

Don't have incinerator facility



Tight remaining years at the landfill site



Extending the life of a landfill site

## 3 strategy plans:

- 1 Building new incinerator facility ×  
⇒ Problem of construction and maintenance/operational cost
- 2 Building new Landfill Disposal site ×  
⇒ opposition from neighbored residents
- 3 Extend life of existing landfill site ○  
⇒ Formulation of separation rules and explanation to residents



# Recycle Osaki System

- To achieve the goal of extending the life of landfill disposal sites, Osaki Town built cooperation, coordination with trust relationship in the three main entities: residents, the government, and companies, and is a mechanism that produces great effects (benefits)





# Role of Government

- Development of system (law)
- Securing an outlet (final disposal destination) for collected waste
- Determination of waste collection date, time, place, and collection route
- Decide what items to separate
- Appoint and guide regional leaders
- Holding environmental study sessions



**From starting sorting system, Osaki Town gave about 450 explanations in 150 areas**

**Osaki Town is holding training for 150 area leader, even now, every year**

# Role of Residents

**Must sorting separate waste from house, office, other place**

Separate by type waste, clean



**After separate waste, takeout separate waste to station waste for separate by types waste and schedule day, time takeout separate waste to station**





# Role of Collect Waste Company

Collection waste Company  
commissioned by the  
government



Check separate waste

Shipped as a product  
after inspection





# The Merit of Recycle Osaki System (Reduce volume of landfill site waste)

By sorting, you can see that it has changed from landfill waste to recyclable waste. In 1998 and 2019, landfill waste was reduced by approximately 84%. In addition, the recycling rate has exceeded 80% since 2006, 14 times, making it the highest in Japan.

No.1 14<sup>th</sup> time in All Japan

Yellow =Osaki Town

Recycling resource

Light green= all Japan

Orange=Kagoshima Prefecture

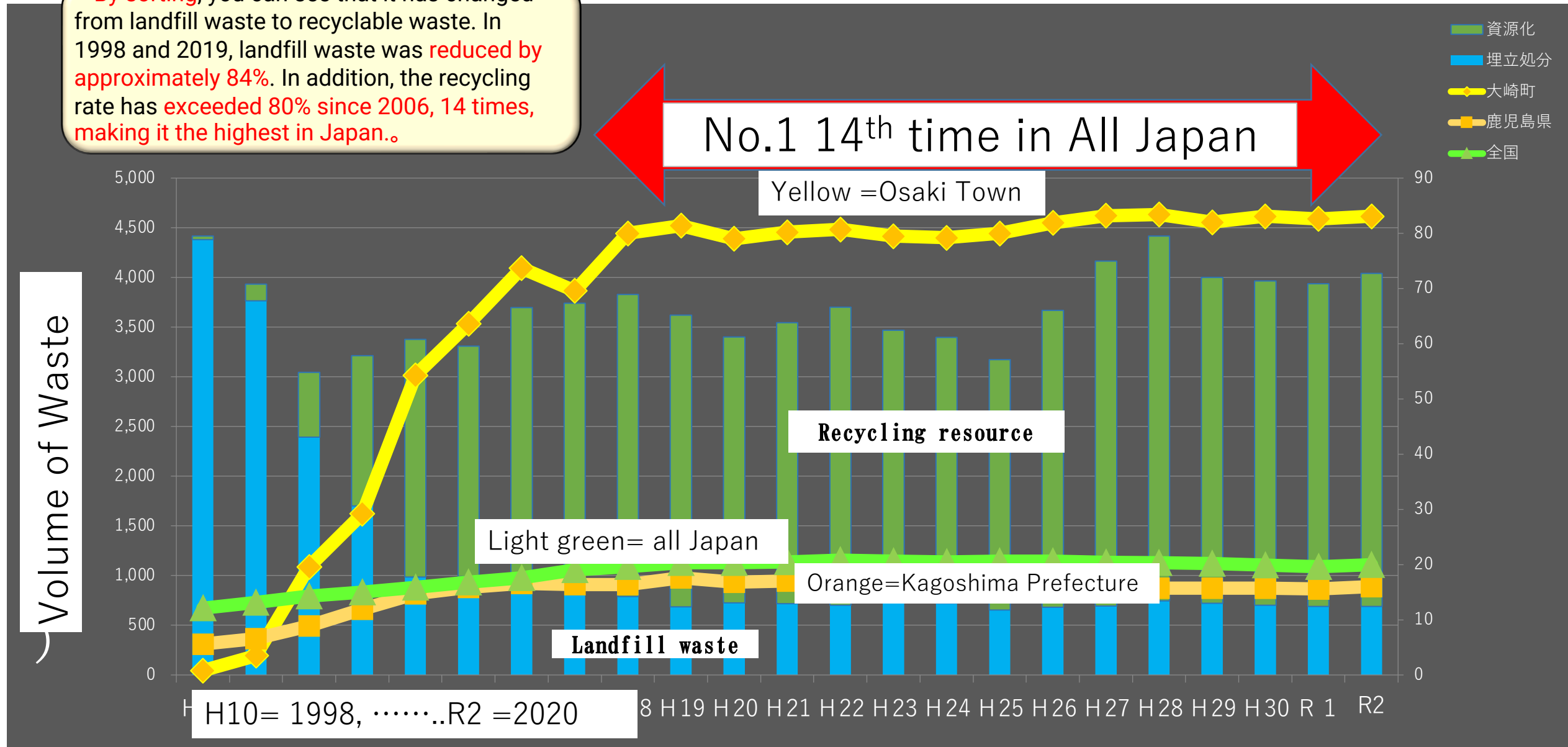
Landfill waste

H10= 1998, .....R2 =2020

8 H19 H20 H21 H22 H23 H24 H25 H26 H27 H28 H29 H30 R 1 R2

Volume of Waste

資源化  
埋立処分  
大崎町  
鹿児島県  
全国





# The Merit of Recycle Osaki System

(Reduction of waste disposal expenses per person)

The waste disposal cost per person in Osaki Town by separating and recycling waste by residents is about **2/3 of the national/Japan average**. This saves about **90 million yen annually** and compared to the national average, this cost use in other fields such as welfare and education, it is benefit financial in Osaki Town. Osaki Town's efforts this system to be a **low-cost** and **sustainable resource-recycling waste** treatment system.

Total waste disposal cost in Osaki Town  $11,500\text{円} \times 12,784 \text{ man} = 147,016,000 \text{ Yen}$

if you calculated by average waste disposal in all Japan  
 $16,800\text{円} \times 12,784 \text{ man} = 214,771,200 \text{ Yen}$

※  $214,771,200\text{円} - 147,016,000\text{円} = 67,752,200\text{円}$  の Saving ( About 7,000 yen )

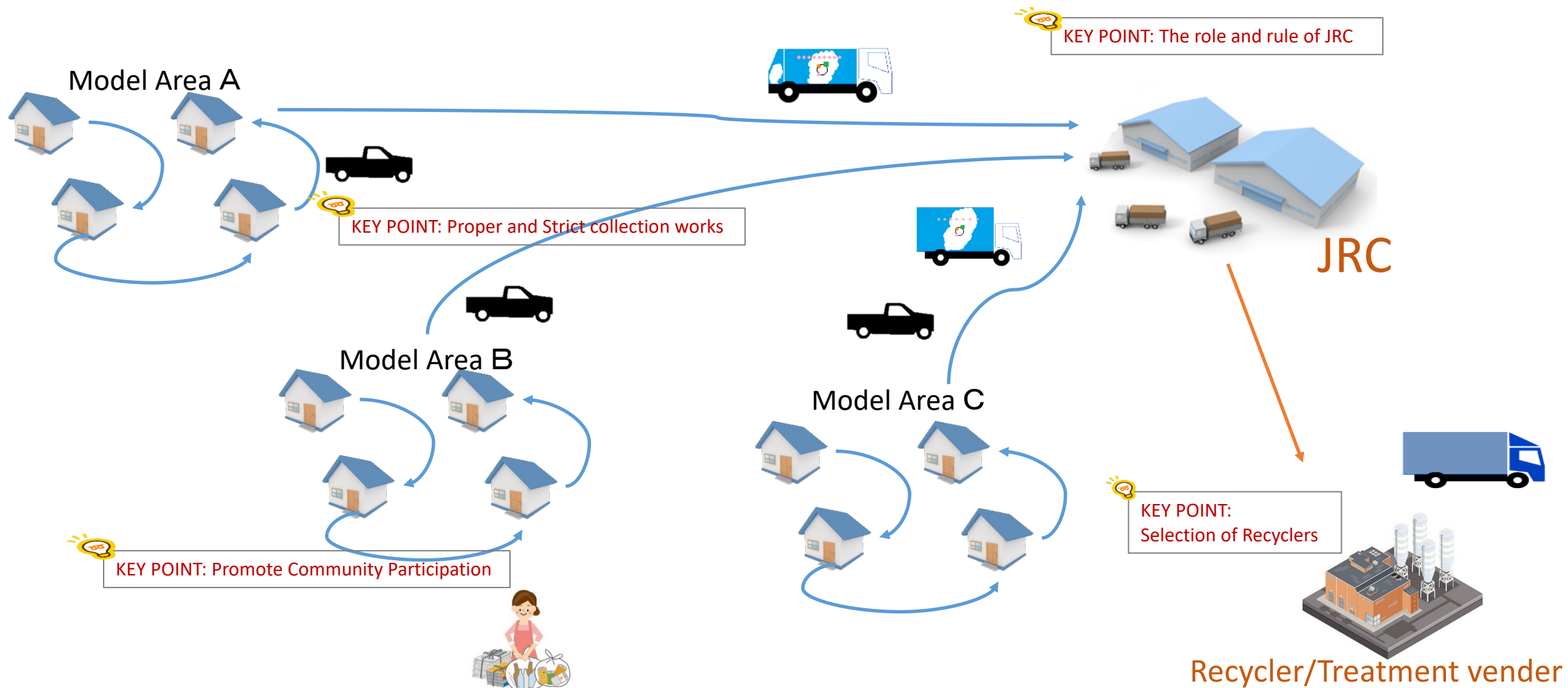
Item	Japan's average	Osaki Town		
	2020	2018	2019	2020
Population (result by population numbers)	126, 739, 787 man	13, 160 man	12, 951 man	<u>12, 784 man</u>
Rate of Waste Recycle	20. 0%	83. 1%	82. 6%	83. 1%
Disposal waste management per 1 person cost	<u>16, 800 Yen</u>	9, 400 Yen	9, 400 Yen	<u>11, 500 Yen</u>

$(16,800 \text{ Yen} - 11,500 \text{ Yen}) \times 12,784 \text{ man} \div 67,752,200$  about 7 Million Yen/year, Osaki Town can cut disposal waste management 1 person for used to walfare, education, etc for residents



# Technical transferring in Jakarta 【Jakarta Recycle Center (JRC) Project】

※JICA [Verification Survey with the Private Sector for Disseminating Japanese Technologies for Non-Incineration Domestic Waste Disposal System By Local Government with Community Participation]



An aerial photograph showing a long, narrow beach and coastal area. The beach is light-colored and stretches diagonally from the bottom left towards the top right. To the left of the beach is a dense green forest. To the right is the deep blue ocean. In the background, a coastal town and inland fields are visible under a blue sky with scattered clouds.

**“Global Standard”**  
**Osaki Town, Kagoshima Prefecture Japan**