

# Kyoto's commitment to the 1.5°C goal

DO YOU  
KYOTO?

*Are you doing something good  
for the environment?*



Eco-chan  
Kyoto City's eco-friendly mascot

**Responsibility of the birthplace of the Kyoto Protocol**

**From the “Kyoto Protocol” to the “Paris Agreement”!**

**“Kyoto Declaration”! “Road to Zero Project”!**

Daisaku Kadokawa, Mayor of Kyoto City



## Kyoto City ranked #1

in survey of 815 nationwide municipalities on progress for Sustainable Development Goals (SDGs)

(Nihon Keizai Shimbun)

Even before the advent of the United Nation's 17 Sustainable Development Goals (SDGs), Kyoto City had implemented inclusive initiatives based on the idea of "no one left behind," such as support for young parents valuing each child's personality, education, welfare, human rights, public transportation, the environment, and disaster prevention/mitigation. Moreover, the outcomes of these initiatives were well received.

[Kyoto City Official Website](#) [SDGs](#)



#KYOTOSDGs

# No one Left Behind

17 GOALS TO TRANSFORM OUR WORLD



## What are SDGs?

SDGs are initiatives for realizing a society in which everyone participates and in which no one is left behind. Along with the Resilient City initiative (for a flexible, strong, sustainable and attractive Kyoto), rather than thinking of SDGs as a matter for somebody else, try approaching them as a matter for you and a matter for everyone.

### **Concept of the Heian-kyo capital (794)**

1. Heian = Peace
2. City open to the world = Capital without walls

### **Declaration of Kyoto as a City Open to the Free Exchange of World Cultures (1978)**

#### **Any city is in need of some ideal.**

Kyoto must be always renewed culturally and continue to create her own unique culture, where peoples of any country may assemble freely and in peace, regardless of race, creed or social system, for the purpose of cultural exchange.

### **Master Concept of Kyoto city (2001–2025)**

**Relocation of functionally enhanced Agency for Cultural Affairs to Kyoto (during FY2021)**

**Resilience/SDGs**

**⇒ Sustainable society, sustainable public finance**

**Revitalization of Kyoto as a National Strategy Started in 2003**

**Focused on culture, landscapes and tourism**

**I'm glad Japan has got Kyoto.**

# Six “key strengths” of Kyoto people

(excerpt from the Master Concept of Kyoto City)

**Good judgment**

Discerning eye for authenticity

**Craftsmanship**

Fine workmanship in *monozukuri*

**Excellence**

Everything finely honed to the limit

**Endeavor**

Enterprising, progressive spirit

**Hospitality**

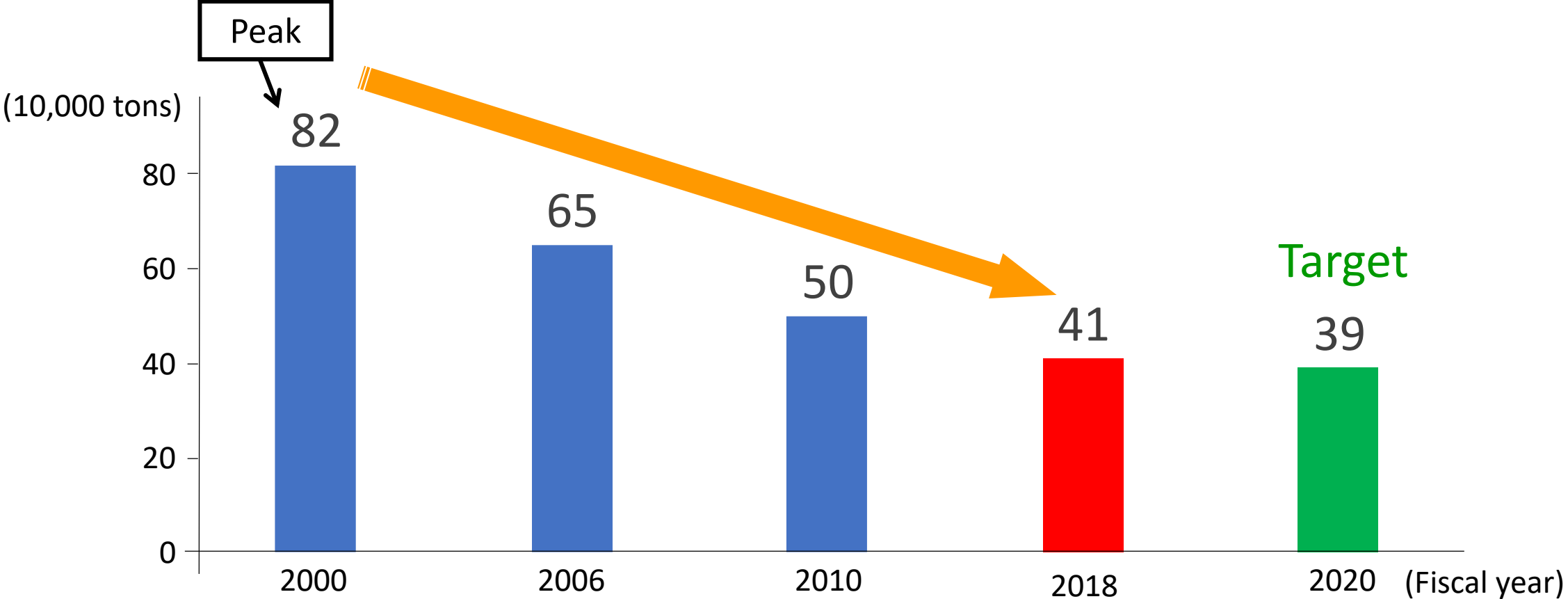
Warm heart welcoming visitors

**Frugality**

Economical, prudent, frugal

**Value people and nature (coexistence)**

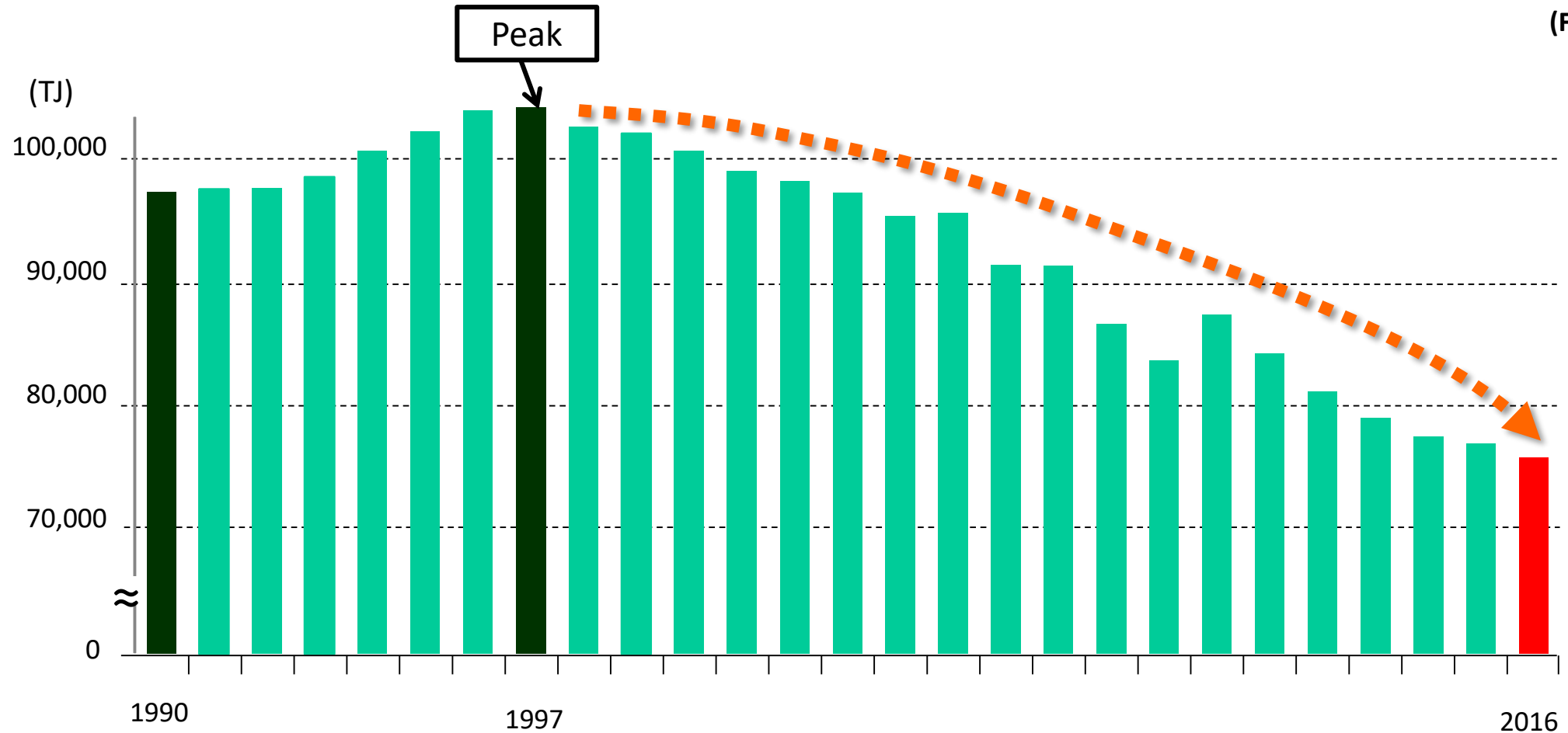
# City-wide **50% reduction** in waste!



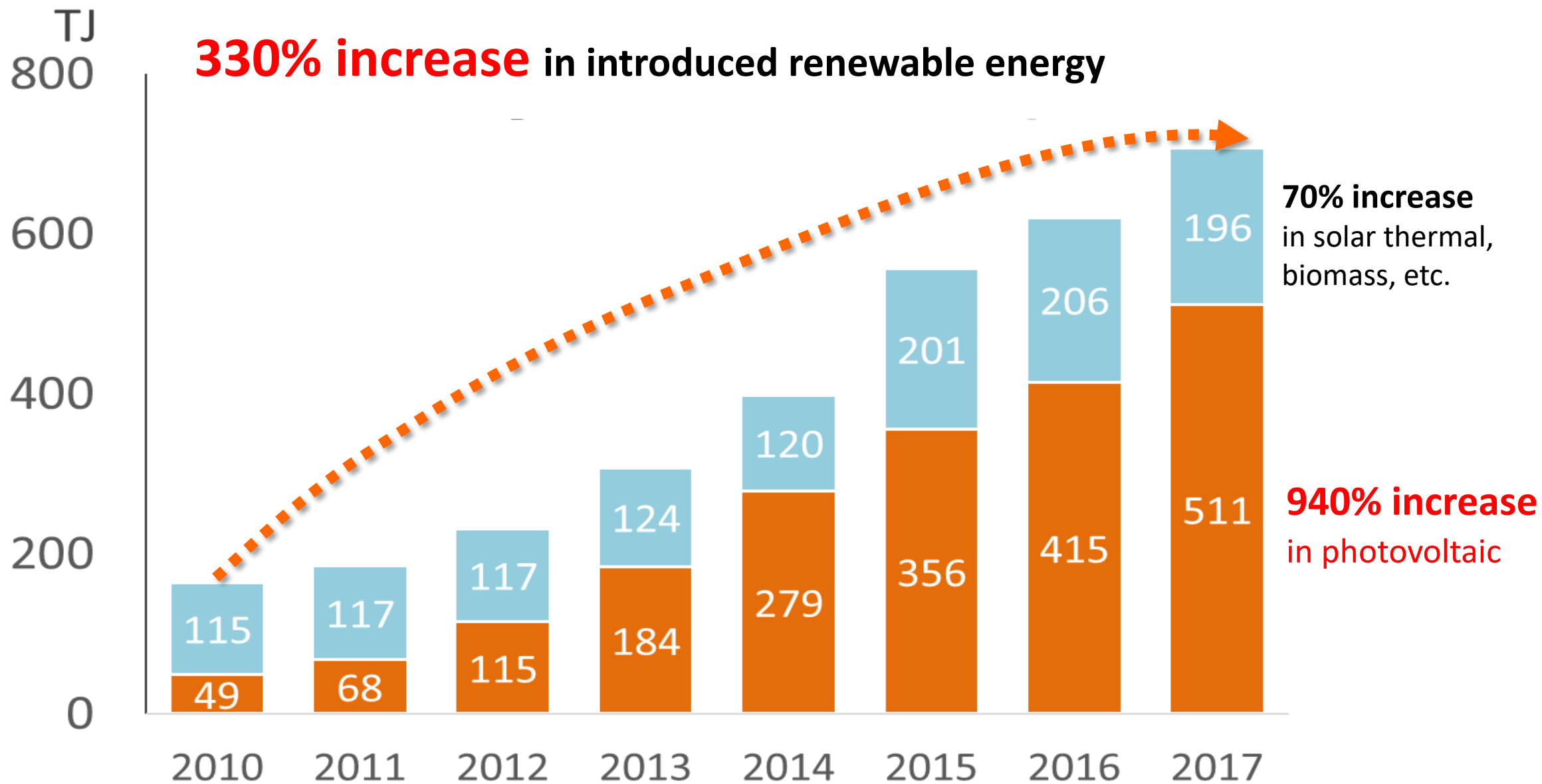
[Household waste / person / day]  
Kyoto City: 399 g (FY2018)  
Average of ordinance-designated cities: 555 g (FY2017)

# Energy consumption: 27.2% reduction since peak

(FY1997)



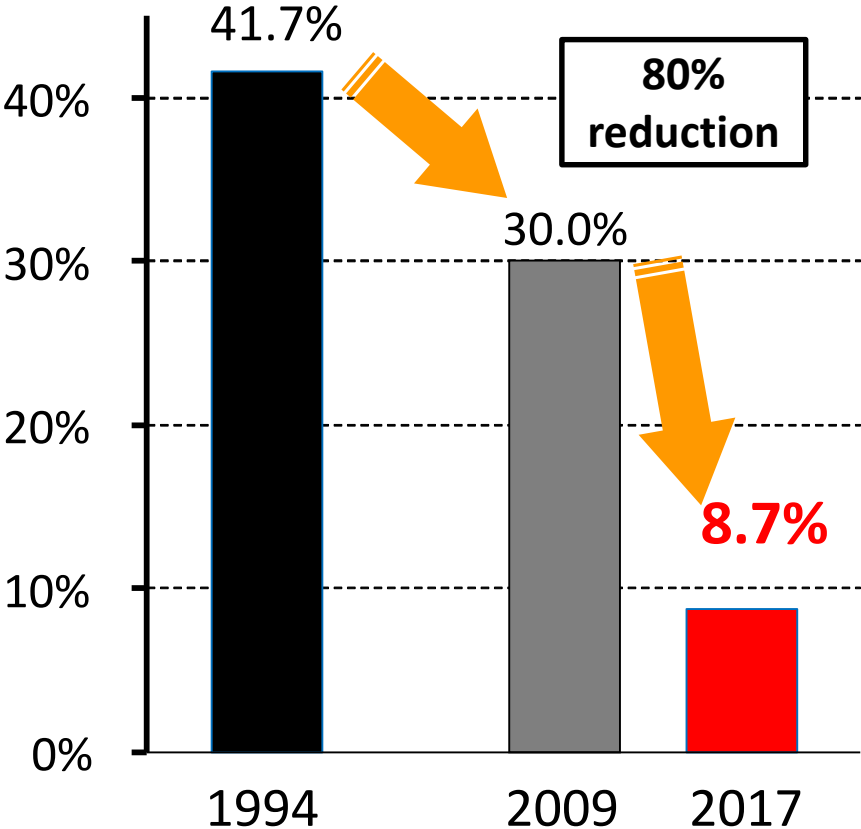
Energy consumption and CO<sub>2</sub> emissions have not been directly correlated since the 2011 Great East Japan Earthquake, due to changes in the makeup of overall power generation brought about by Japan's increased reliance on thermal power generation.



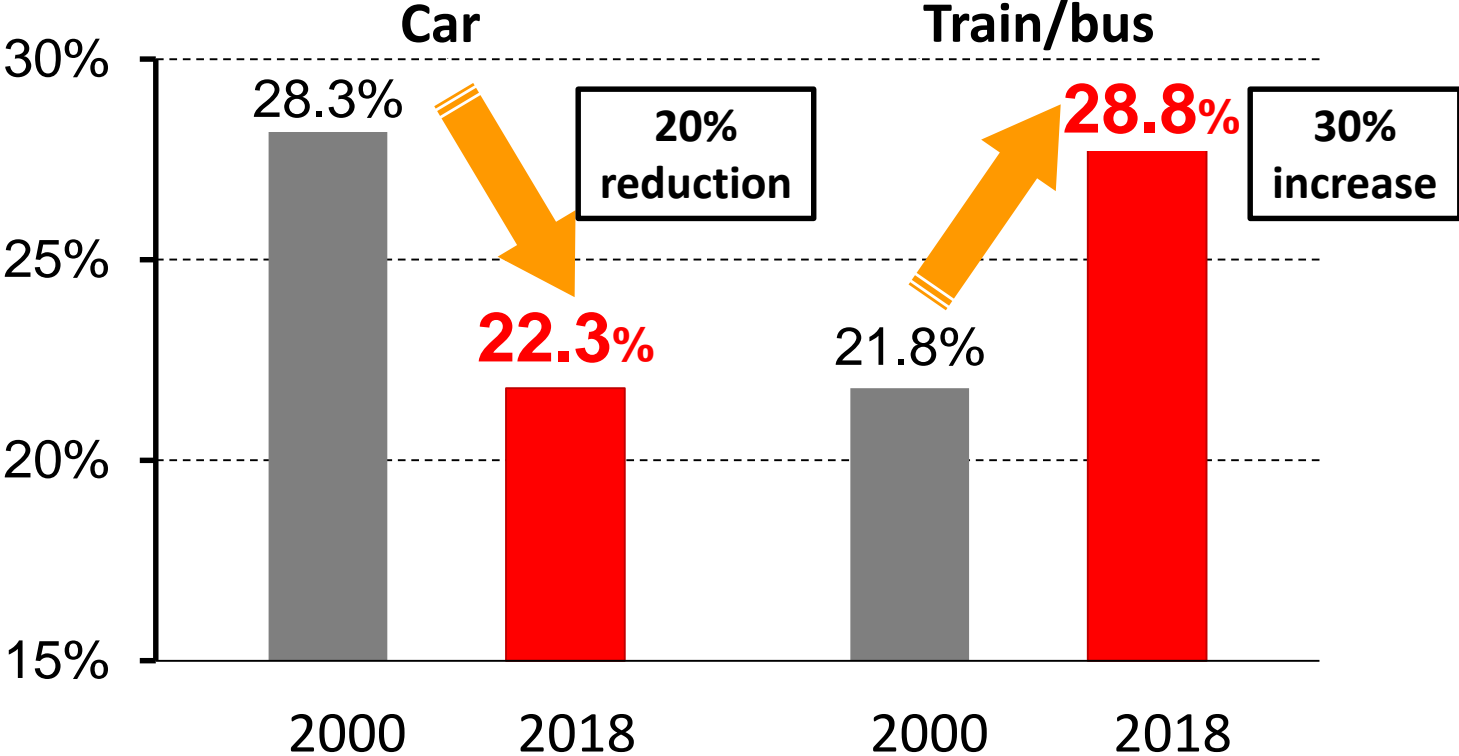
Note: Excluding power generation by refuse incineration and commercial hydropower generation

# Development of 94 “Pedestrian-Friendly Kyoto” measures that prioritize people and public transportation

Percentage of people visiting Kyoto by car



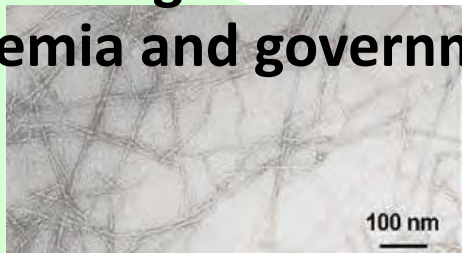
Mode of transportation



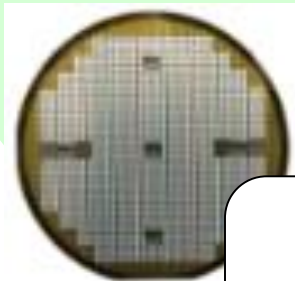


# Facilitation of innovation through combining the wisdom of industry, academia and government

- Success in mass production of a **SiC (silicon carbide)** with remarkable energy-saving effects; aiming for social implementation



- New plant-derived material **CNF (cellulose nanofiber)**  
5x stronger than iron, 20% the weight



# Independent, community-wide eco-activities

- **Eco-School Districts**  
All 222 school districts in Kyoto



**Establishment of Japan's first ordinance for global warming countermeasures (2004)**  
**Promotion of 98 concrete initiatives involving all residents!**

## Nurturing of future leaders

- **Kyoto City Environmental Education Standard**

Environmental education throughout curriculum in elementary and junior high schools

- **Children's Eco-Life Challenge**

Supported by energy-saving volunteers, a total of about 110,000 students from all public elementary schools have attended program together with family members!



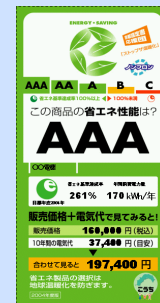
## Initiatives through partnership

- From social experiments at the Miyako Agenda 21 Forum, to nationwide expansion!



**KES:** Environmental management system for SMEs

**Energy-saving labels** for home appliances



**Kyoto Protocol** (1997)



**Paris Agreement** (2015)



**Kyoto Declaration for Cultivating a  
Culture of Sustainable Cities** (2017)

**Vision for cities of the world in 2050**



**IPCC Kyoto Guidelines**  
(2019)

20th  
anniversary of  
the Kyoto  
Protocol =

Supporting the  
Paris  
Agreement =

# Kyoto's commitment to the 1.5°C goal!

carbon emissions



Net zero

by **2050!**