

24 July 2012

International Forum for Sustainable Asia and the Pacific (ISAP 2012)



Challenges toward “FutureCity” in Yokohama

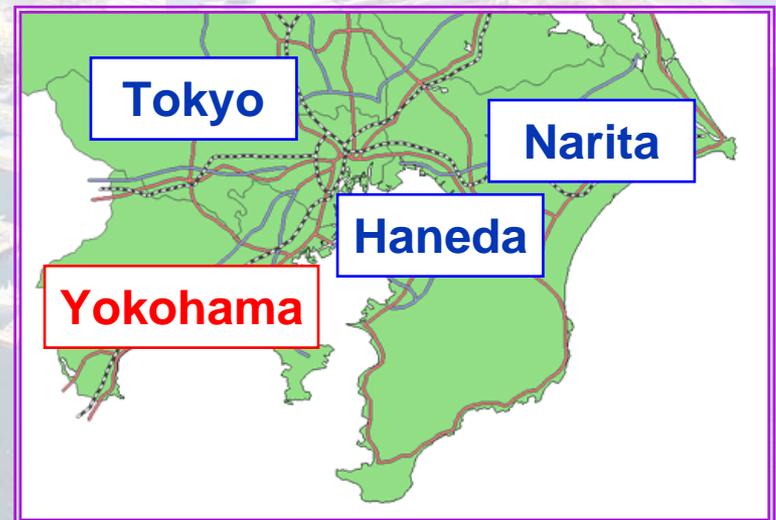


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About Yokohama

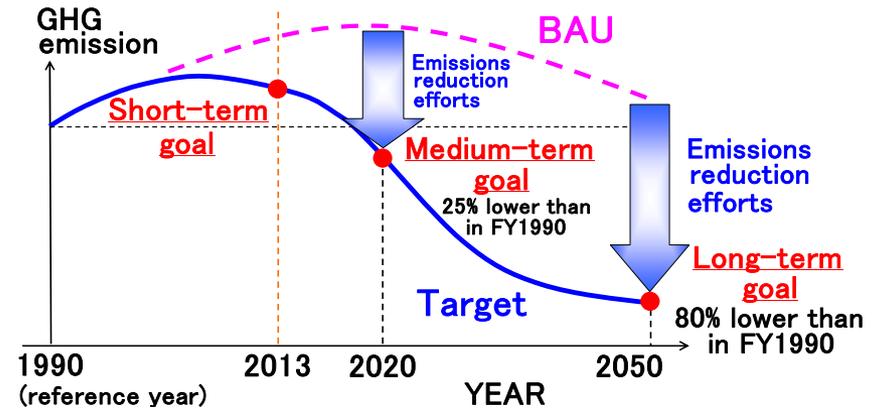


- International port city
 - Opening of port of Yokohama in 1859
- Population: approx. 3.7 million
 - Largest city in Japan
- GDP: approx. 12.7 trillion JPY
 - (approx. \$150 billion USD)
- 21 minutes from Haneda Airport (Tokyo)
- Rapid growth and urbanization



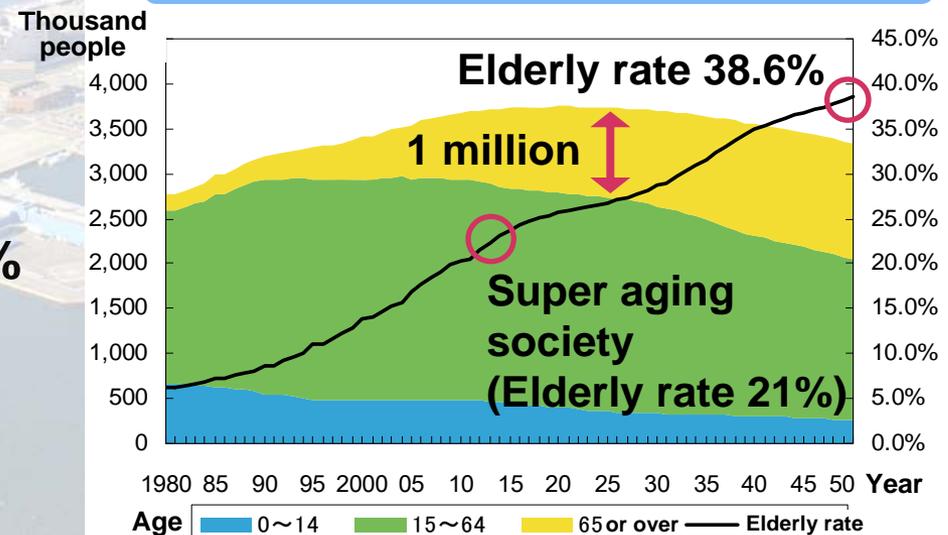
Tackling future problems in Yokohama

Estimated GHG emission in Yokohama



- ◆ Increase of GHG emission
 - Rapid population growth (3.5 times that of 60 years ago)
 - Population in Yokohama expected to increase until 2020

Estimated population in Yokohama



- ◆ Super aging at rapid pace
 - Yokohama to face super aging society around 2012 with a rate of more than 21%
 - Population over 65 in Yokohama exceeds 1 million in 2025

“FutureCity” Initiative launched in Japan

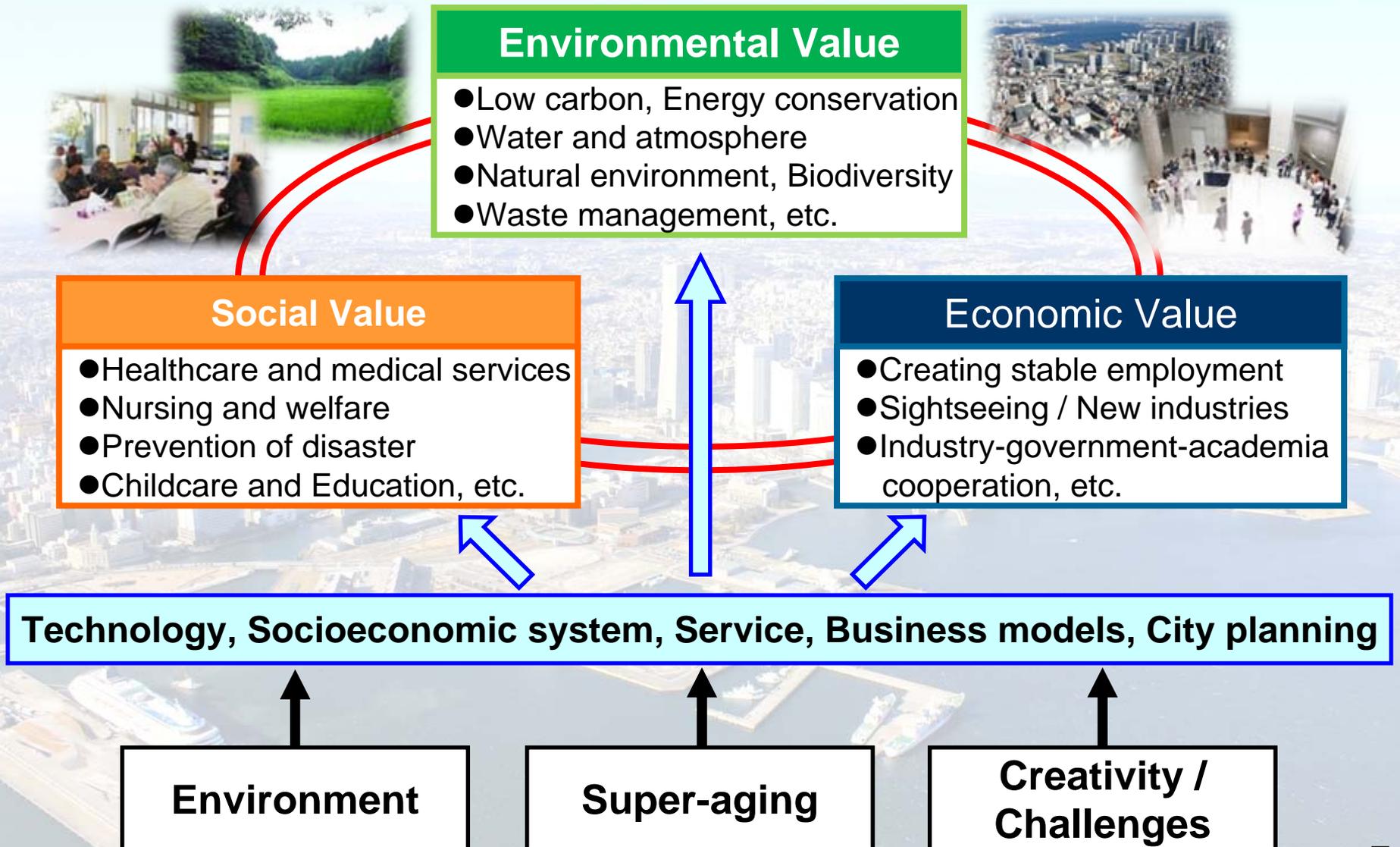
The “FutureCity” initiative has been implemented as one of the “New Growth Strategy” projects launched by the Japanese government

- ◆ Japanese government selected a few cities as “future cities”, to serve as successful models for resolving issues such as environment and super-aging society.
- ◆ Japanese government will offer support to the selected cities through such measures as concentrating a budget in relation to FutureCity projects.



11 cities, including Yokohama, were selected as “FutureCity”
(December 2011)

Yokohama as “FutureCity”



1) Low CO₂ and Energy Conservation

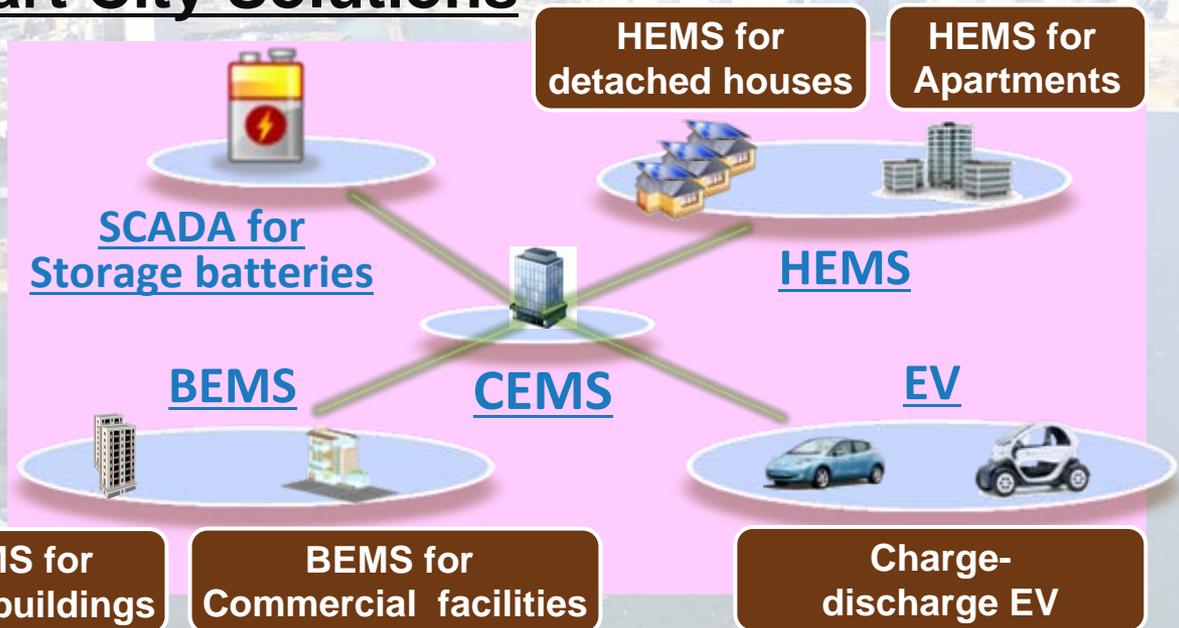
◆ City-wide implementation of “Smart City” to realize safe and self-supported energy supply

Establishment of community energy management systems (CEMS) by

- Large-scale introduction of renewable energy sources
- Rapid progress in diffusion of Electric Vehicle (EV)
- Introduction of home energy management systems (HEMS)



Offer Yokohama’s know-how on various Smart City Solutions



2) Water and Environment

◆ International contributions by introducing technology and know-how accumulated in Yokohama

- Support private companies to develop projects for water infrastructure overseas
- Support environmentally-friendly urban development in developing countries
- Cooperation to improve water situation in developing countries by dispatching city officials and accepting trainees
- Realization of “clear ocean” by considering the scenery, water environment, and biodiversity

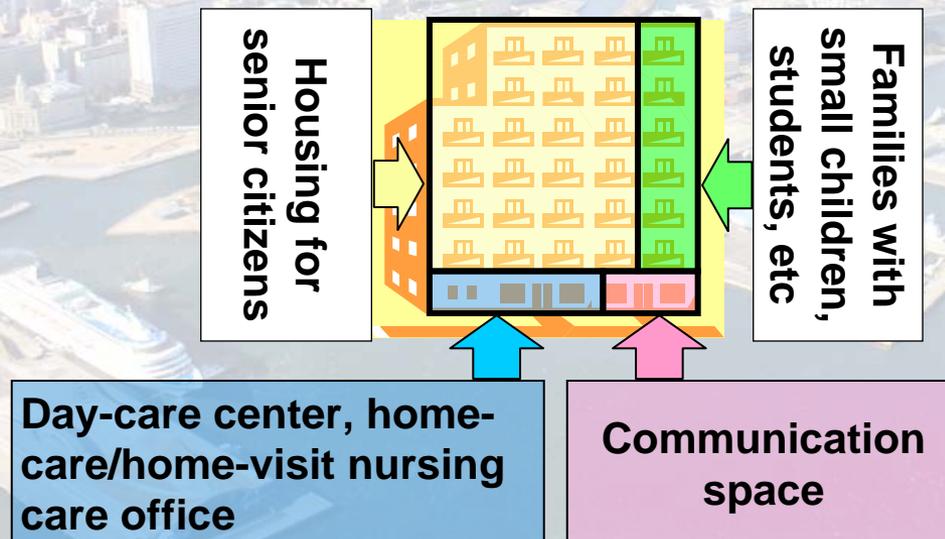


3) Consideration for super-aging society

◆ Formation of sustainable community and development of compact city

- City with various facilities within walking distance from train station to facilitate senior citizens' daily life
- Enhancement of life assistance
- Cooperation between medical services and welfare services
- Residence where senior citizens can communicate with other generations and where they do not have to worry about assistance

➔ Comfortable and convenient city for every generations



4) Creativity

◆ Creation of a city with world-class cultural and artistic activities

- Holding of continuing arts, dance, and music festivals, setting a standard



"Smart illumination Yokohama" 2011,
ZOU-NO-HANA Terrace
Takayuki Fujimoto +Rhizomatiks
(Daito Manabe, Motoi Ishibashi),The Organic Nucleus
Photo: Hideo Mori
Venue:ZOU-NO-HANA Terrace, Yokohama 3 towers
(K: the Kanagawa Prefectural Government ,
Q: Yokohama Customs, J:Port Opening Memorial Hall)

◆ Toward a MICE city where people from around the world interact

- Attractive city for MICE, based on our experience in international convention



APEC JAPAN 2010



PHOTO KISHIMOTO

2002 FIFA World Cup Korea/Japan

5) Challenges toward Economic Growth

- ◆ Strengthen growing industries by improving the technology and management of local companies
- ◆ Establishing an infrastructure for attracting global companies
 - Creation of a district for life sciences
 - Strengthening the international competitiveness of the port of Yokohama



◆ Cities in Japan

- Collaboration with many local governments
- Contribution to areas affected by disasters



Yamamoto town, Miyagi Pref.

◆ Cities overseas

- Collaboration with partner cities
- Promotion of Y-PORT
(Supporting infrastructure development in developing countries through industry-government-academia Collaboration)
- Collaboration with JICA



Exchanging memorandums with the City of Cebu, the Philippines (March 2012)



World bank selected 6 cities including Yokohama as “Eco 2 Cities” which has achieved ecological and economic sustainability. The cities are expected to support developing countries.

Partner cities overseas:

Sister-Friendship Cities:

San Diego, Lyon, Mumbai, Manila, Odessa, Vancouver, Shanghai, Constantza

Partner Cities:

Beijing, Busan, Incheon, Taipei, Hanoi, Ho Chi Minh, Frankfurt

Sister-Friendship-Trade Cooperation Ports:

Oakland, Vancouver, Shanghai, Melbourne, Dalian, Hamburg

An aerial photograph of Yokohama, Japan, showing a dense urban area with numerous skyscrapers and a large harbor area with several large ships docked at piers. The city is situated on a peninsula and is surrounded by water. The sky is clear and blue.

Innovation Continues in Yokohama

Thank you for your attention

