Yokohama Smart City Project

Creating Low Carbon Urban Structure and international collaboration through Y-PORT

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City of Yokohama

- Population of 3.67 million: Largest city
- GDP of 12 trillion JPY (US$120 billion)
- An international port city: Celebrating the 151st anniversary of port opening
- A rapid urbanization
Access to Huge Market

25 minutes to Tokyo by a commuting train
Access to Metropolitan Area : 42 million people, one third of population of Japan
City of Yokohama Today:
Easy Access, Diverse Culture, and green environment

Easy Access from Tokyo (30km), Narita, and Haneda

Suburban Areas

Bullet Train Station

Traditional Japanese Garden: Sankeien
Yokohama’s History

- Pre-port opening: Fisherman’s Village with 100 homes

*Japan: National Seclusion Policy during the Edo Period*
Yokohama’s History

1853

- Pre-port opening: Fisherman’s Village with 100 homes

Japan: National Seclusion Policy during the Edo Period

1853

- Arrival of Admiral Perry from the United States
A sudden wake-up
Yokohama’s History

- Pre-port opening: Fisherman’s Village with 100 homes

Japan: National Seclusion Policy during the Edo Period

- Arrival of Admiral Perry from the United States

- Japan-US Treaty for Port Opening
Yokohama’s History

- Pre-port opening: Fisherman’s Village with 100 homes

Japan: National Seclusion Policy during the Edo Period

- Arrival of Admiral Perry from the United States

- Japan-US Treaty for Port Opening

1858
- Treaty with Five Countries
  (France, Netherlands, Russia, UK in addition to US)

1859
- Port Opening
  A gateway to international communities
  Flow of western goods, people, technologies, values
  Entrepreneurs from Japan
A gateway to the western communities
Welcome to Yokohama
Yokohama’s History: More Challenges

- Major Earthquake (1923)
- 2nd World War (1945)
Yokohama’s History

1859

- Major Earthquake (1923)
- 2nd World War (1945)

- Major Infrastructure Development (1960s to 1980s)

2009
Major Infrastructure Development
Population Trend City of Yokohama: 
Yet to expand and growing
Urban Challenges: Rapid Urbanization and Pollution

Polluted airs and water, traffic jam ••
Example of Consolidated Mixed-Use Urban Center

- Conversion from Industrial Area to Urban Core
- International Culture Center
- Information Urban Center
- Eco-Friendly Development
Minatomirai 21 Area:
Showcase of Yokohama’s Knowledge on Urban Development

- Greener City Center
  - Shinko Park
  - Grand Mall Parks
  - Cherry Blossom St.

- Integration of History, Culture and Art
  - Nippon-maru Memorial Park
  - Red-Brick Park
  - Zou-no-hana Park

- Utilisation of Renewable Energy towards Low Carbon Emission
  - MM21 Pedestrian Bridge LED Lighting
  - Utility Tunnels
  - MM Park Building Wind Power
  - Moving walkway at Sakuragicho
  - Landmark Tower Recycling Rain and Wastes Water
Creative City Strategy
—Preserving Historical Sites —

Yokohama Creative City Center
(Converting Bank to Cultural Center)

Akarenga (Red Brick) Building
(Converting Warehouse to Commercial Spaces)
New Initiatives for International Contribution:
Yokohama Partnership for Resource Transfer (Y-PORT)

- Disseminating accumulated know-how on Urban development and Environmental management
- Provision of streamlined and systematic technical assistance and training opportunities
- Public private partnership principle, collaboration with universities, CITYNET, strategic partner cities
- Water, waste water management, solid waste management, Overall city Management
Hope to see you soon again in Yokohama: