The History and Challenges of Yokohama

February 28, 2014
City of Yokohama
City of Yokohama

- Pop. Of 3.7 million: Largest city in Japan
- GDP of 12.6 trillion JPY (US$126 billion)
- International port city since 1859
- Rapid growth and urbanization
Population Explosion

Population and # of Households in Yokohama

- Households:

Timeline:
- 1889
- 1929
- 1959
- 1989
- 2009

Note: The graph shows the population and number of households in Yokohama from 1889 to 2009.
Rapid Urbanization and Pollution
Six Major Projects for Urban Solution
Yokohama Smart City Project

Making Yokohama the World Leading Smart City

NISSAN  TOSHIBA  Panasonic

Battery SCADA  FEMS  CEMS  BEMS  HEMS  EV

Target by 2014: PV27MW, 4,000 HEMS Contracts, 2,000 Electric Vehicles
Optimization of Household Electricity Consumption

HEMS (Home Energy Management System)
Mobility (Smart Transportation)

- **Approx. 300 locations**
  (No. of installations of rapid chargers, etc. in the city)

- **Bay Bike**
  (Sharing)

- **Choimobi**
  (New-type ultra-compact EV sharing)

Exciting mobility and sharing
Yokohama Partnership of Resources and Technologies (Y-PORT)

Yokohama provides infrastructural knowledge and experience to emerging nations in Asia.
Main Activities of Y-PORT

1. Providing Advisory Services in Urban Development
2. Collaborating and Coordinating with Leading Private Sector Firms and Universities in Yokohama
3. City promotion
Activities based on City to City Cooperative Relationship

Government of the Philippines

City of Cebu

Private Sector

JICA

Bilateral Relationship

City of Yokohama

Private Sector

Business/Academic relationship

Cooperative Agreement

Government of Japan
Collaboration with BMA

Memorandum of Understanding on Technical Cooperation for Sustainable Urban Development

- Oct. 21, 2013 -
Activities Ongoing

- Working group meeting on Bangkok Master plan for climate change
- Study tour at special nursing home for elderly people
Thank you!