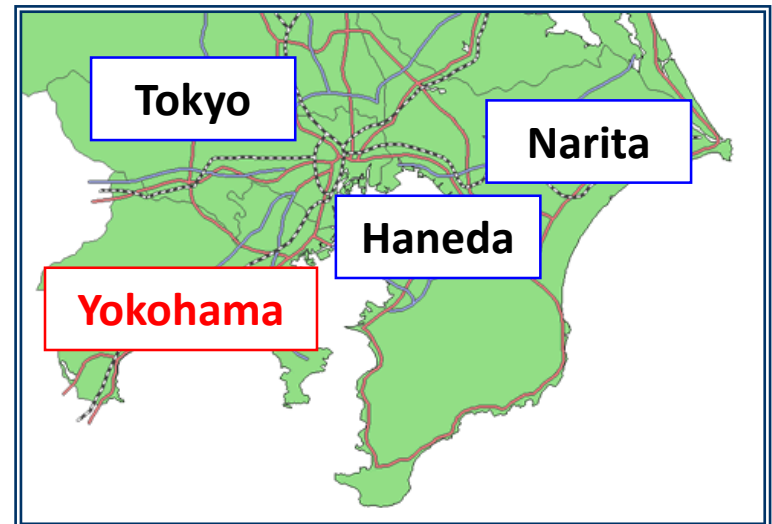


# About Yokohama



- International port city
  - Opening of port of Yokohama in 1859
- Population: approx. 3.7 million
  - Second largest city in Japan
- GDP: approx. 12.7 trillion JPY
  - (approx. 113 billion USD)
- 20 minutes from Haneda Airport (Tokyo)



# Overview of Yokohama Smart City Project

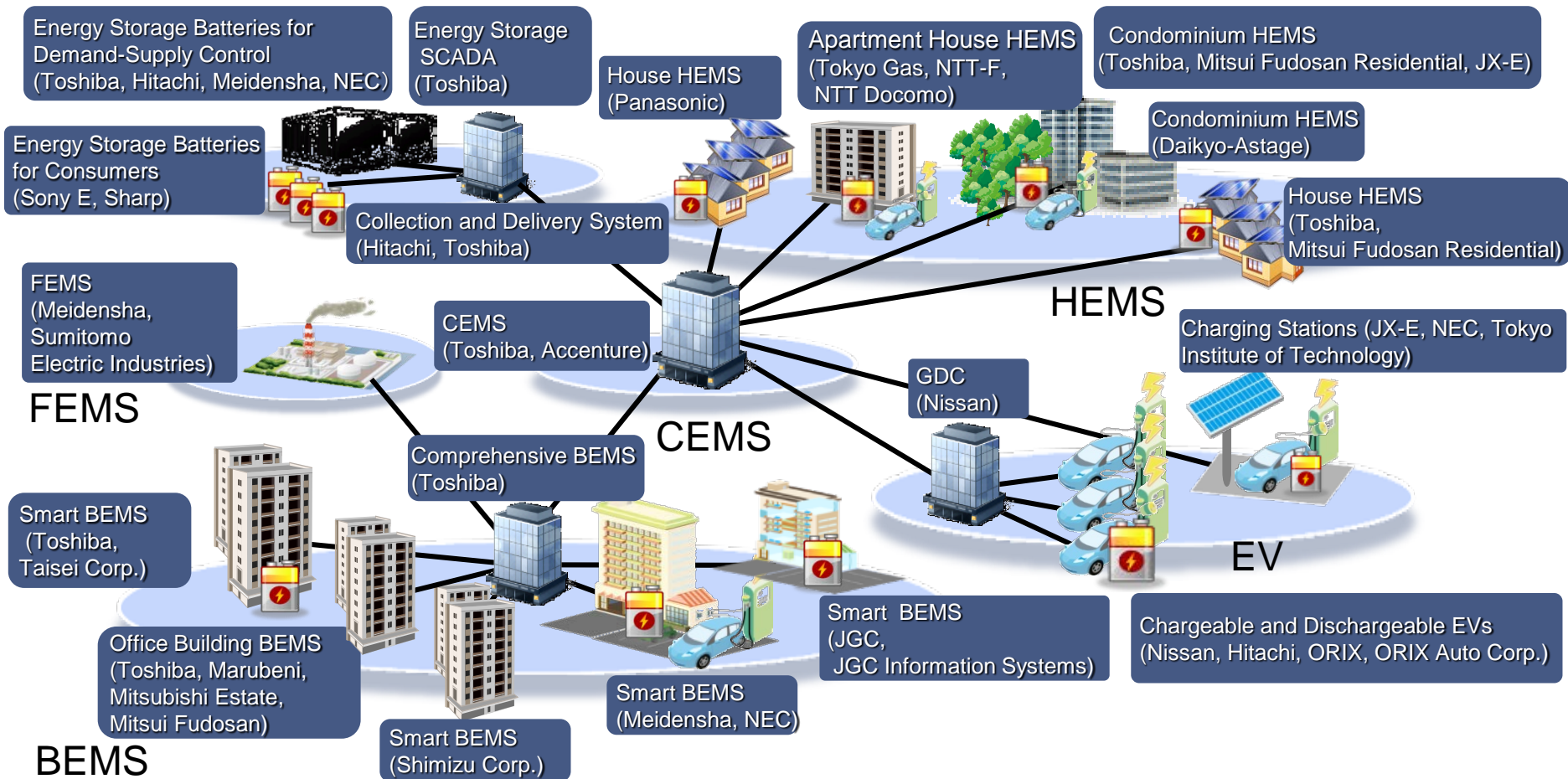
(Coordination between Yokohama City, 34 businesses, and 15 projects)



## Results (To FY2013)

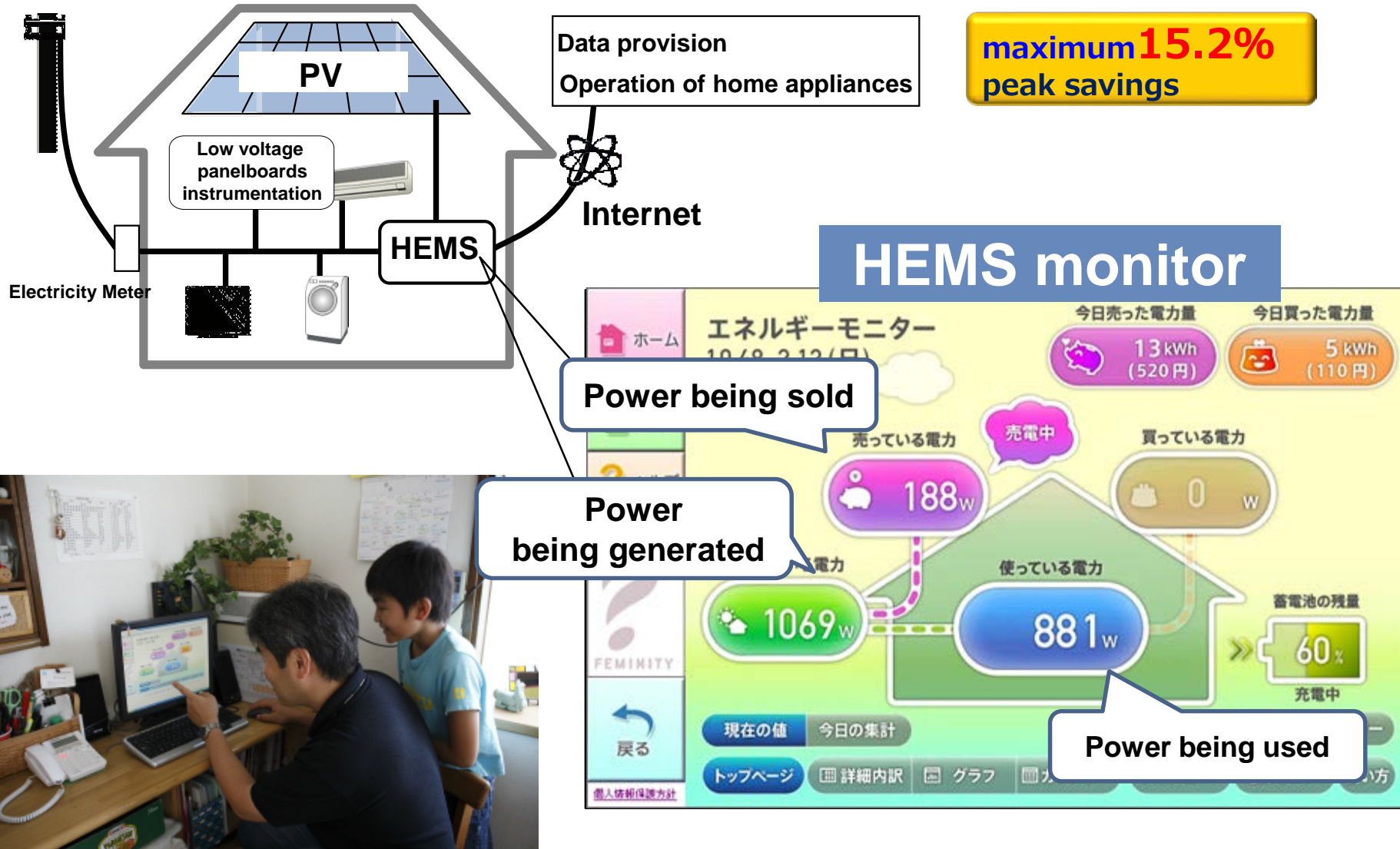
**HEMS(Home energy management system)(4,200) PV(37MW) EV(2,300)**

### Energy Storage SCADA

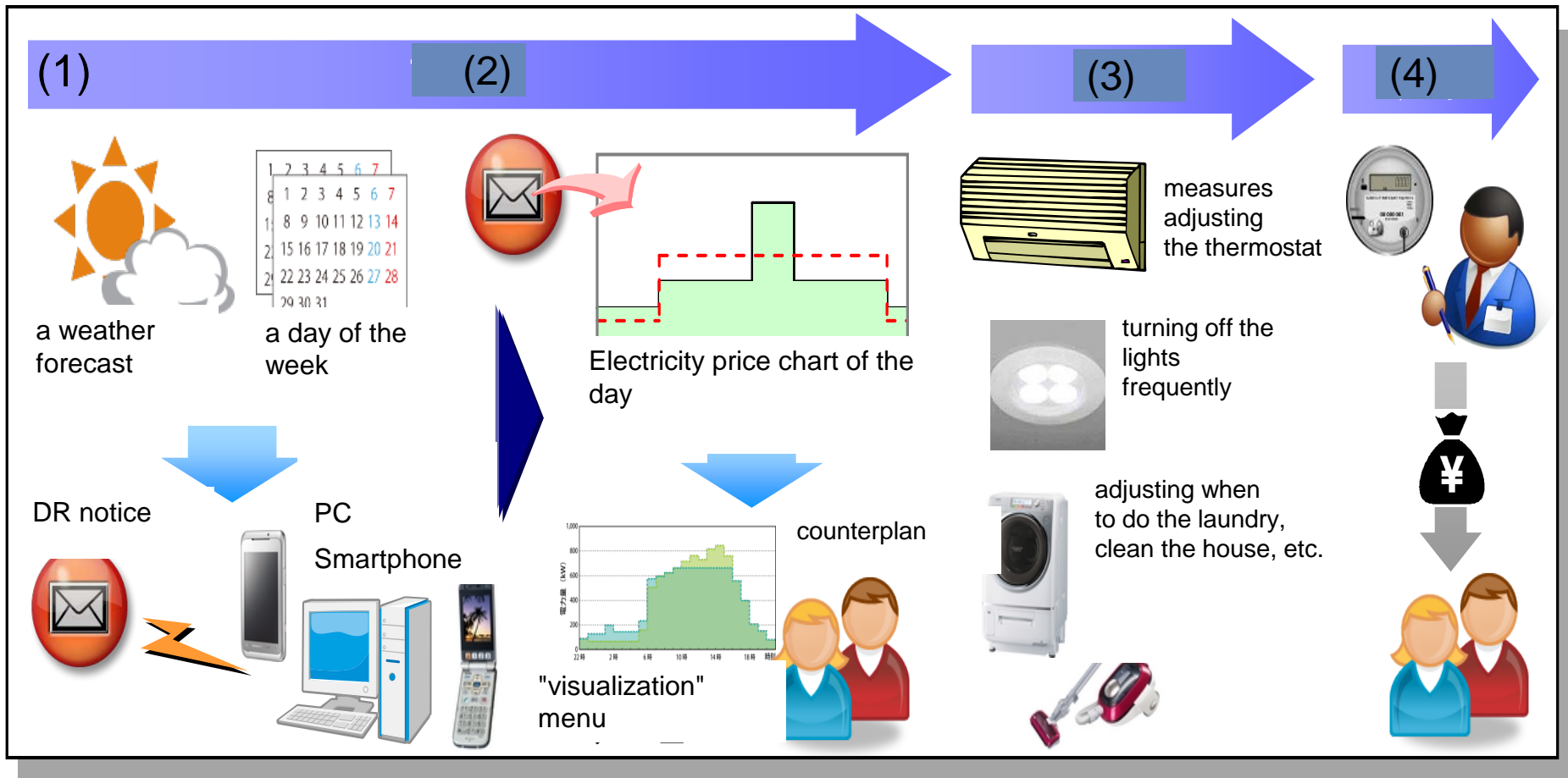


# The Workings of a HEMS (Home Energy Management System)

○Maximum peak shaving of **15.2%** was confirmed with a demand response.



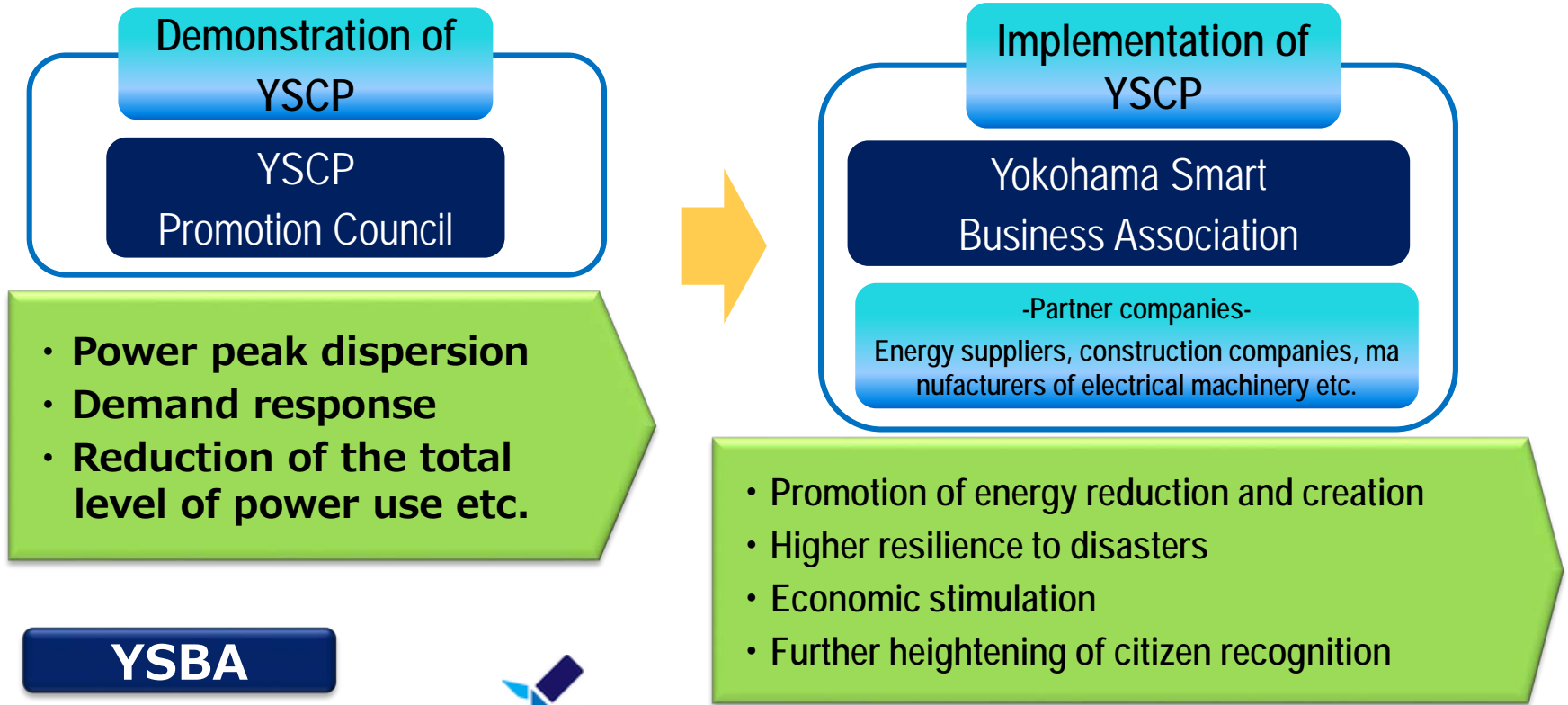
# Social Verification Experiment of Demand Response (DR) using HEMS



# Implementation of YSCP - based on public-private partnership



“Yokohama Smart Business Association,” a new organization resting on public-private partnership (slated for April 2015), in order to bring energy-circulating cities into reality by making use the results of YSCP.



## YSBA

<8 secretary members>



<7 general members>

