



Sustainable Energy for All
- Global Inter-City Cooperative Forum
Kashiwa-no-ha Smart City



Thursday, October 29, 2015
Kashiwa City

Location of Kashiwa City



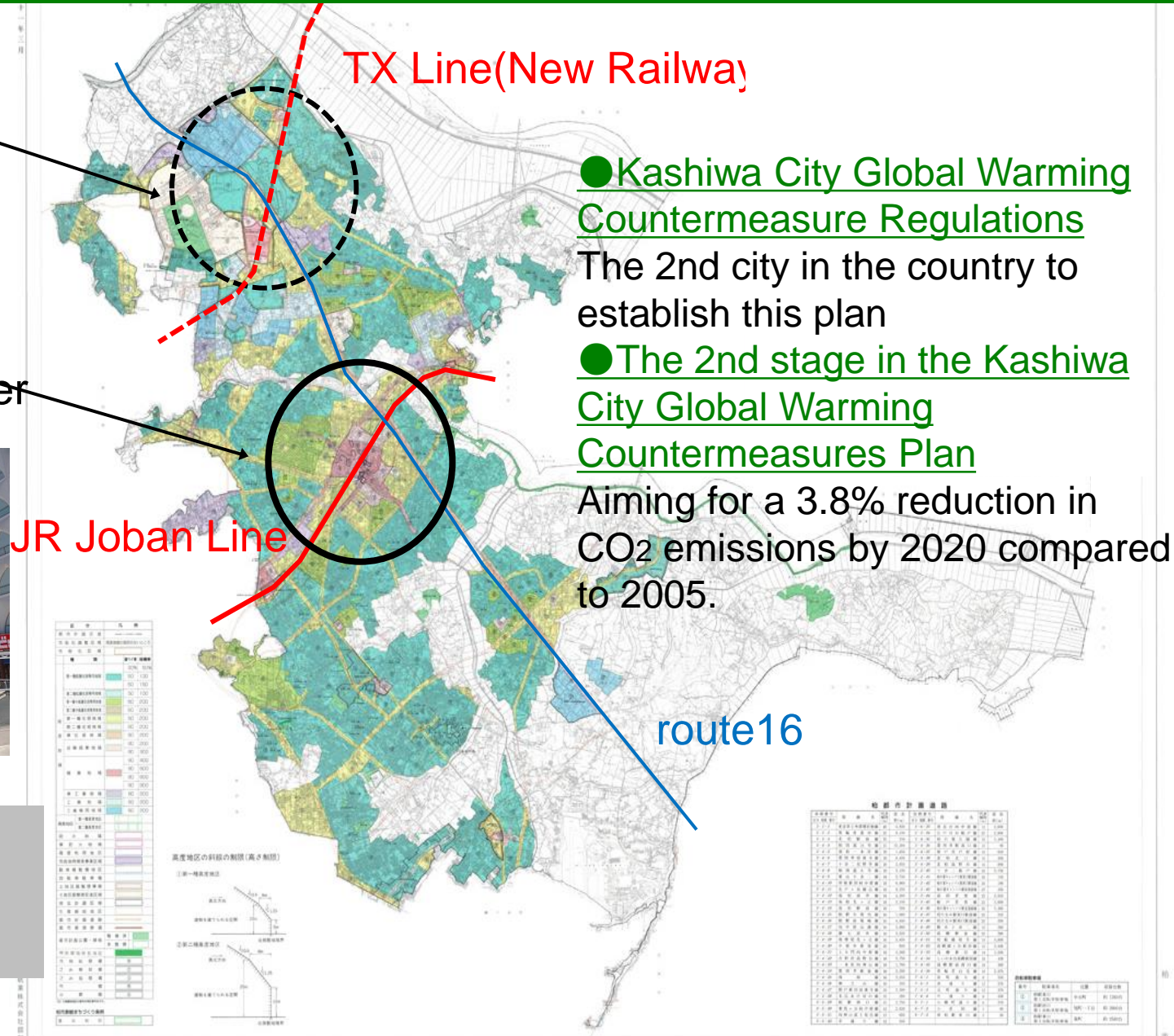
About Kashiwa City

Kashiwa-no-ha
Sub Center

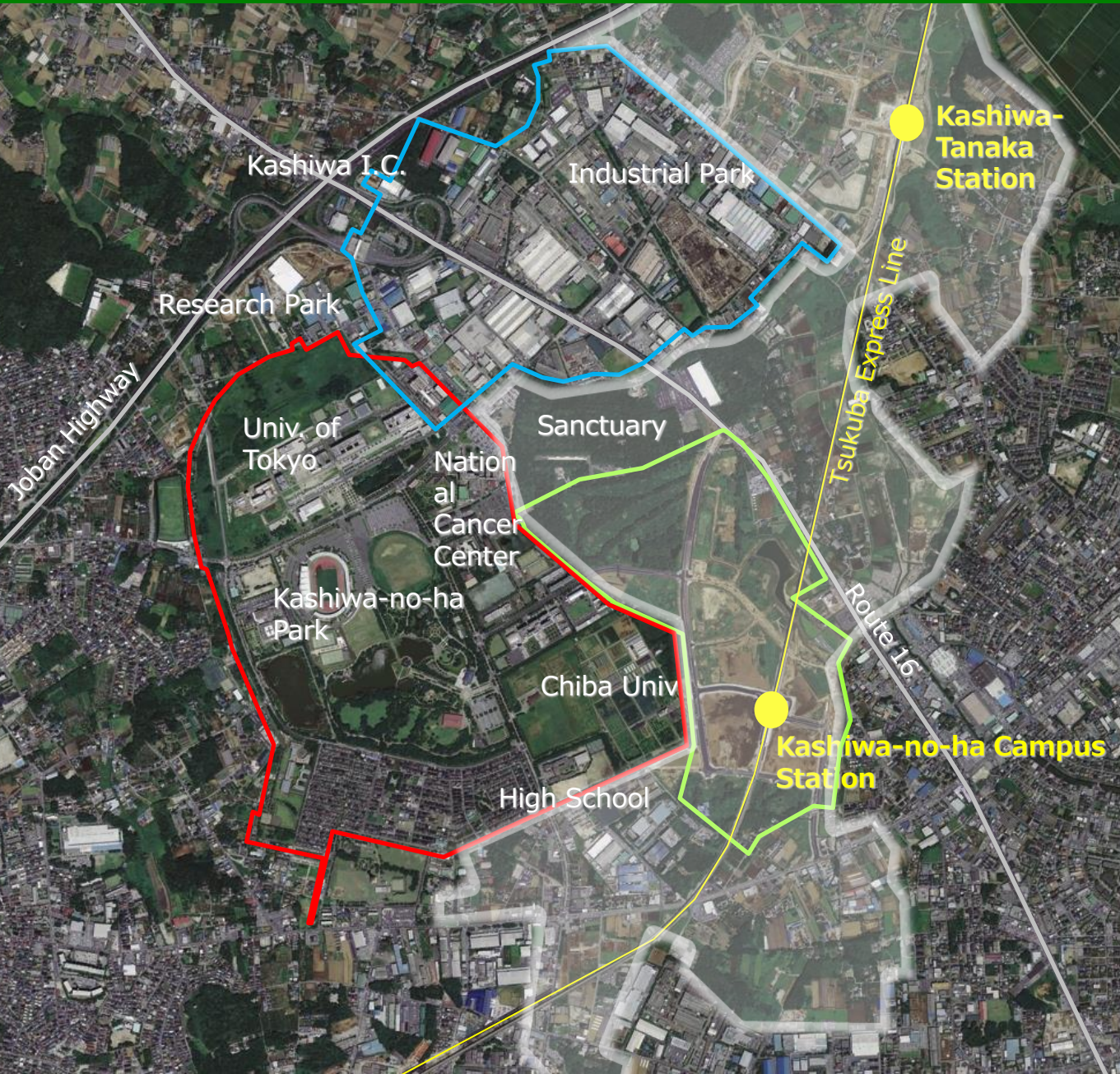
Kashiwa City Center



Kashiwa City
115sq.km
410,000pop



Background of Community-Building in Kashiwa-no-ha



Feudal estate, Edo era



Military use of Japan
US Air Force till 1979



Univ. Tokyo
Chiba Univ.
Gov. Institutions
Sports & Natural park

Mitsui golf course
1961 ~ 2001

Industrial Park
1967 ~

Comprehensive Special Zones & Future City initiative

Two large growth strategy

Comprehensive
Special Zones



Future City initiative

Conducted by the national tax breaks and deregulation.

Conducted by the national financial support.



Certificate of designation
ceremony January 18, 2012

December 2012



"City management that autonomous by Public-Private-Academia Partnership Kashiwanoha Campus

Community-Building Innovation - Kashiwa-no-ha Smart City

A town used as a model for solving global issues, created in cooperation with civics

Environmental-Symbiotic City



AEMS/Kashiwa-no-ha Smart Center

A City of Health and Longevity



Ha-pa-pa Exercise Totsubo Gym Variety

A City of New Industry Creation



TX Entrepreneur Partners



Plant Production Multi-Vehicle Sharing

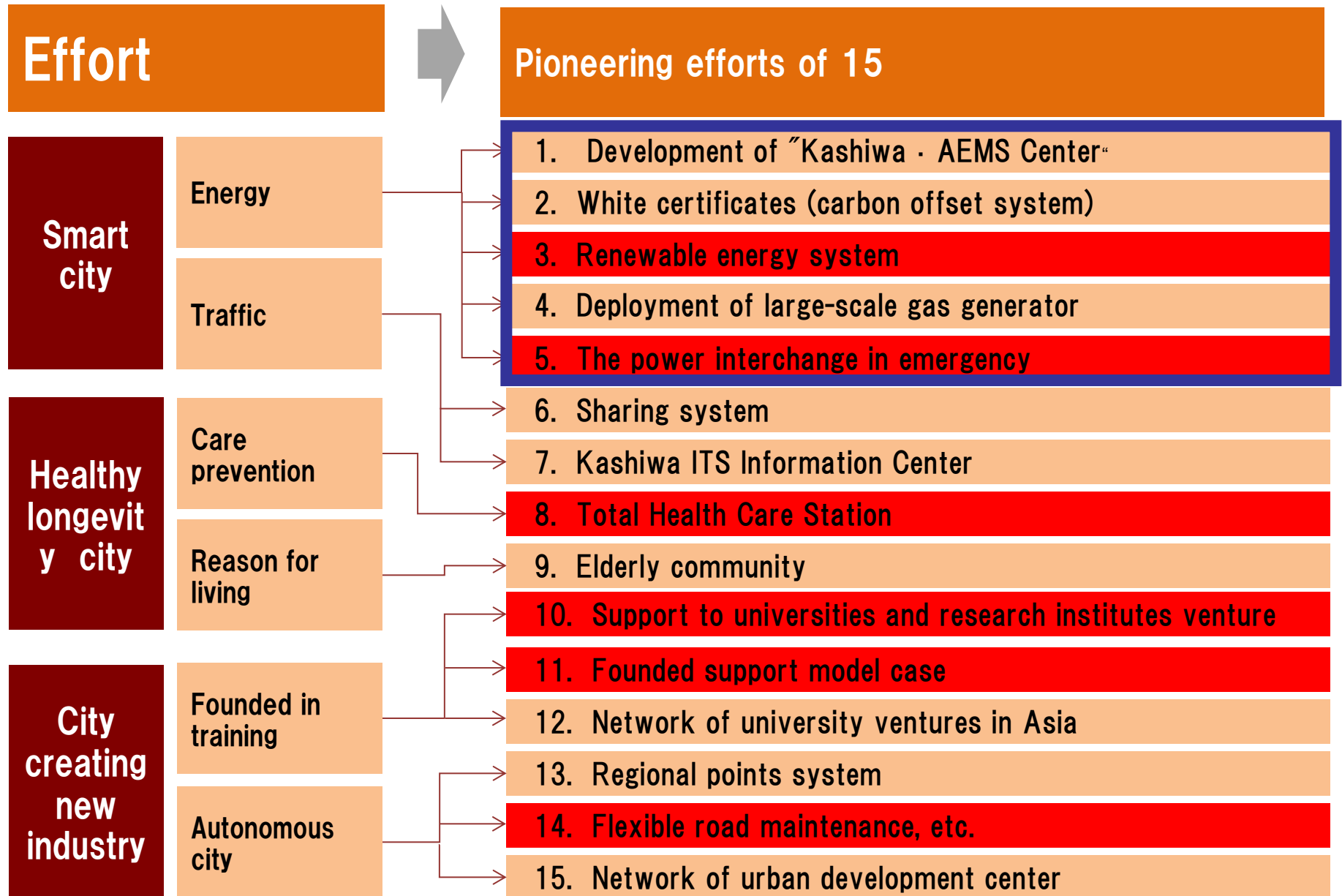


Community Health Research Center "A-Shi-Ta"



Asian Entrepreneurship Award

Comprehensive Special Zones & Future City initiative



Concept of AEMS-based smart city①

LaLaport KASHIWANOHA

Storage battery facilities
(1800kW)



Solar power
(500kW)



GATE SQUARE

Power Interchange
Equipment
(1000kW)



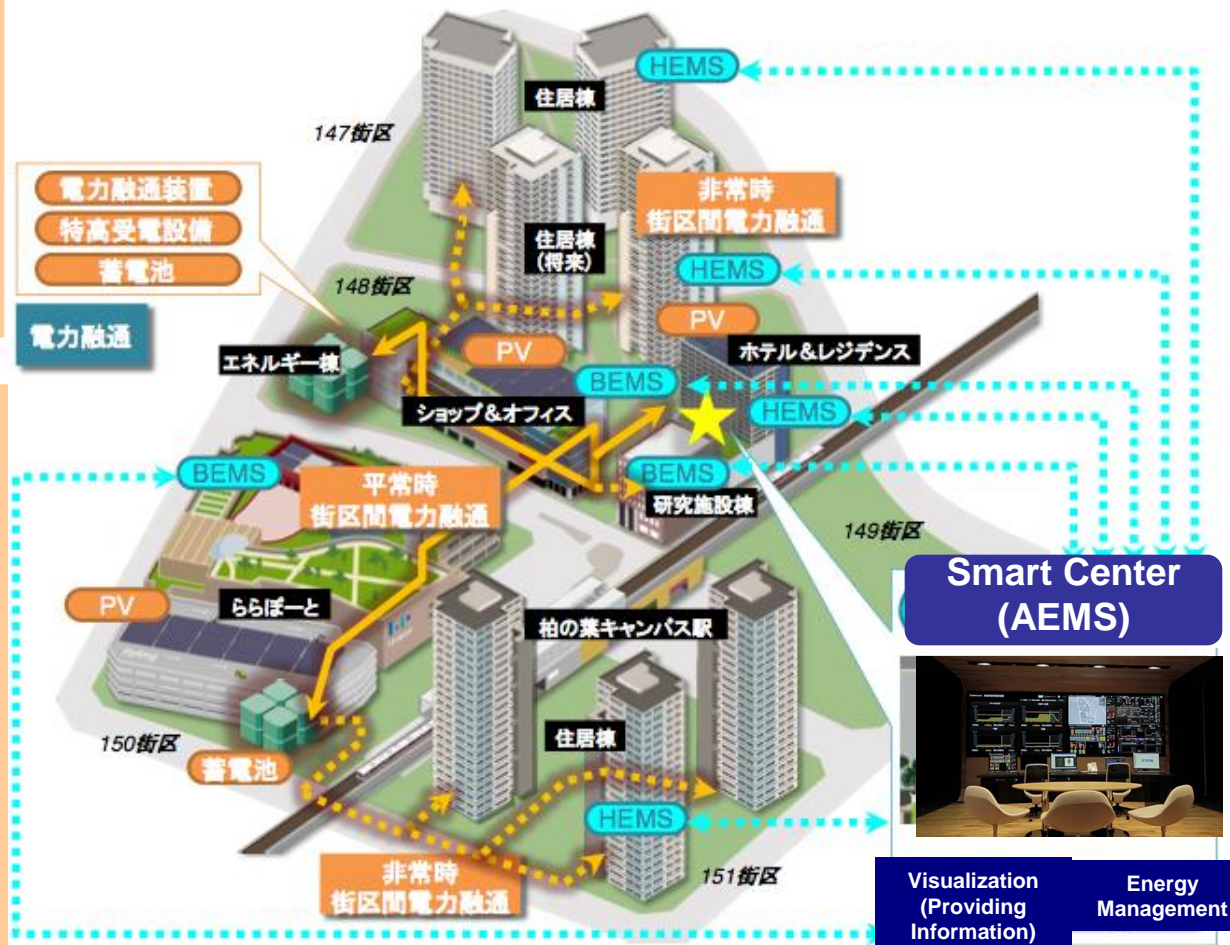
Emergency
Power Generator
(2000kW)



Storage battery facilities
(500kW)



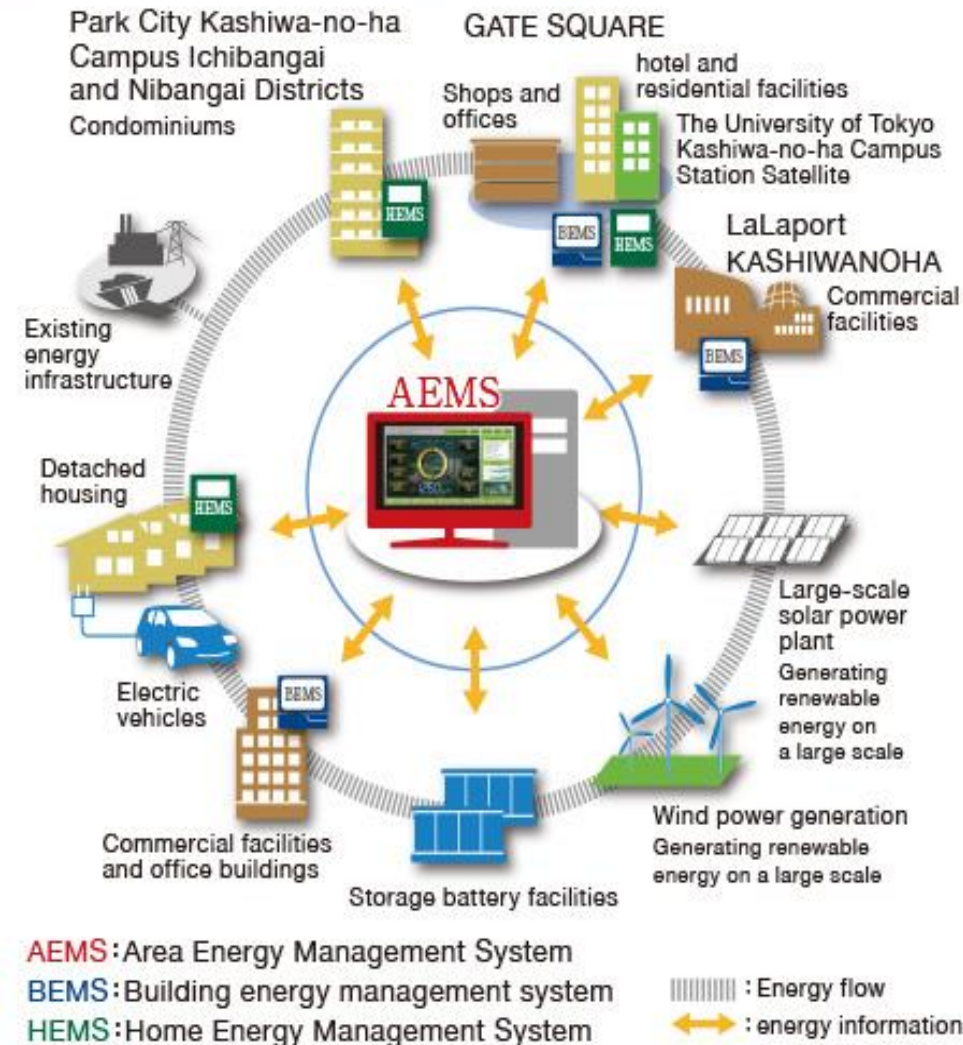
Solar power
(216kW)



Promoting energy efficiency, creation, production and visualization in the community as a whole

Concept of AEMS-based smart city②

● AEMS (Area Energy Management System)



AEMS (Area Energy Management System)



- Real-time monitoring of energy supply and demand in the area
- Power grid controlled by ICT network
- Generated and stored energy is allocated within the area for self-sustained energy management



Japan's first smart grid in practical use

During a power blackout, a 3-day power supply can be maintained for the area around the station (about 12.7 ha)

The Kashiwa-no-ha Smart City Tour

- A guide will provide information about the efforts of Kashiwa-no-ha while giving a tour. This is recommended for first-time visitors to Kashiwa-no-ha, and those who want to get a brief, overall picture of the community.
- Applications are accepted from 2 months up to 1 week prior to the tour.
- A fee will be charged for the tour.

KASHIWANOHA NAVI



柏の葉ナビ KASHIWANOHA NAVI

～千葉県柏の葉キャンパスタウンの情報サイト～

[柏の葉のまちづくり](#)
[まちで学ぶ、遊ぶ、参加する](#)
[まちの活動スペース](#)
[イベントカレンダー](#)
[周辺地図・施設情報](#)

柏の葉のまちづくりへの見学

柏の葉スマートシティツアー申込

柏の葉エリアでは日々進化する様々な街の取り組みをいくつかの方法でご紹介しています。開催日が異なる他、ガイドなしで自由に見学できる施設もありますので、下の表をご参考に希望に合ったものをお選びください。



名称	特徴	開催日時 時間 料金	コースに含まれるもの				
			スマートシ ティミュー ジウム	スマートセ ンター	KOIL	モビリティ ポート	まちの健康 研究所 「あ・し・た」
柏の葉スマ ートシティツ アー	ゲートスクエ アコース	専門ガイドとタブレット端末によ るゲートスクエア施設案内 スマートシティコンセプト映像も ご覧いただけます	—	○	○	○	○
	ミュージア	市民ガイドによる、ミュージアム	○	×	○	○	—

