

2016

Kashiwa-no-ha Smart City

PROJECT ENTITY: Mitsui Fudosan Co., Ltd.

LOCATION: Kashiwa, Chiba

“ Background and progress

The Kashiwa-no-ha Smart City district is located in suburban Tokyo around the Kashiwa-no-ha Campus Station on the Tsukuba Express rail line, which opened in 2005. Coinciding with the completion of the rail line, the 300-hectare site was subdivided and private developers have since constructed more than 1,800 residential units, large shopping facilities and hotels to accommodate a population planned to

eventually reach 26,000.

The smart city is a platform for public-private-academic partnerships that are working towards developing solutions to the challenges of environmental resources, energy, and aging, under the three themes of “environmental-symbiotic city,” “a city of health and longevity,” and “a city of new industry creation.”

About the project

As an environmental-symbiotic city, each home in Kashiwa-no-ha Smart City is equipped with automatic appliance control functionality (Kashiwa-no-ha Home Energy Management System), while the entire area has a next-generation “smart grid” (Kashiwa-no-ha Area Energy Management System), enabling efficient energy storage, CO2 reduction, and electricity availability after disasters.

In addition, health support and disease prevention facilities are located within the shopping

center, and walking paths and walking clubs reflect a city committed to encouraging health and longevity.

Finally, to achieve a city of new industry creation, a private company has opened one of the largest co-working spaces in the country, and Tx Entrepreneur Partners, a private venture capital organization, is engaged in cultivating startup companies.



“To-mor-row” health support center



Retention basin integrated into park space



The Gate Square commercial center and residential buildings at the center of the district



Energy management system



KOIL Factory digital manufacturing workshop



KOIL Park co-working space

K A S H I W A C H I B A