Channel 5　Initiatives for Realizing a Sustainable Society

Towards realizing a sustainable society, the facility is working to acquire various types of external certification related to the environment, and is taking steps to reduce its environmental impact such as actively introducing renewable energy, which has a lower impact on the earth's environment.

Obtained ZEB Oriented (retail, other) through evaluation based on BELS (Building-Housing Energy-Efficiency Labeling System)

At this facility, as part of a plan to promote carbon neutral design, Mitsui Fudosan reduced the amount of its design primary energy consumption by 30% or more, enabling it to obtain ZEB Certification (retail, other) through an evaluation based on BELS.

ZEB Certification enlists a certification system applicable to buildings with a total floor area of over 10,000 m² (approximately 107,639 ft²) for which actions are taken to achieve greater energy conservation, in addition to making use of high-performance building envelopes and high efficiency energy-saving equipment. This facility is classified as a department store under criteria for granting ZEB Certification, defined as achieving reduction of primary energy consumption amounting to 30% or more with respect to facilities such as hotels, hospitals, department stores and meeting places.

The scope of the complex's ZEB Oriented Certification covers "merchandise sales, etc.," which excludes the floor area occupied by its eating and drinking establishments from the total floor area of the commercial building.

DBJ Green Building Certification

The facility has earned the highest five-star rating from the DBJ Green Building certification program, which evaluates environmental and social contributions from an ESG perspective.

DBJ Green Building Certification is a program for certifying properties in which consideration has been given to society and the environment. It is administered by the Development Bank of Japan and Japan Real Estate Institute and assigns a rank from one to five stars. Along with overall environmental performance, it evaluates diversity and local environment considerations as well as stakeholder collaboration and other areas.

Onsite Renewable Energy Generation through Installation of Solar Panels

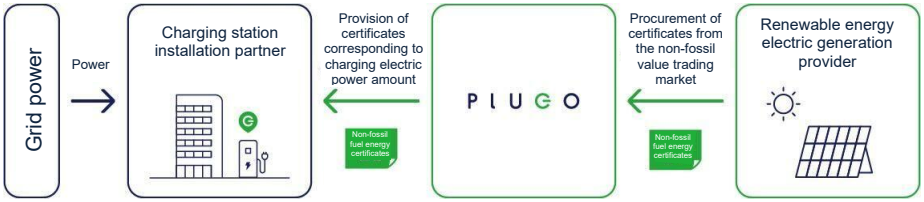
The facility is fitted with approximately 3,600 rooftop solar panels through a collaboration with DAIWA HOUSE INDUSTRY CO., LTD. These will create renewable energy onsite with an annual power generation capacity of approximately 2.19 million kWh, among the largest for a LaLaport facility.
The green electricity obtained through this power generation can be provided to common areas and stores in the facility, and is expected to meet more than 10% of the annual electricity usage inside the building.

Image of rooftop solar panels

Introduction of Reservable EV Charging Services Using Renewable Energy

The facility will feature 10 reservable EV charging stations provided by PLUGO inc. in its multistory parking garage. Users can use a dedicated app, My PLUGO, to check the availability of the charging stations, as well as to reserve and pay for them, enabling reliable and smooth charging.

In addition, the service is a green charging service that uses electricity from renewable energy for all of the charging. The environmental value of the electricity from renewable energy acquired by PLUGO inc. is shared with the facility, thereby helping to realize a sustainable society.

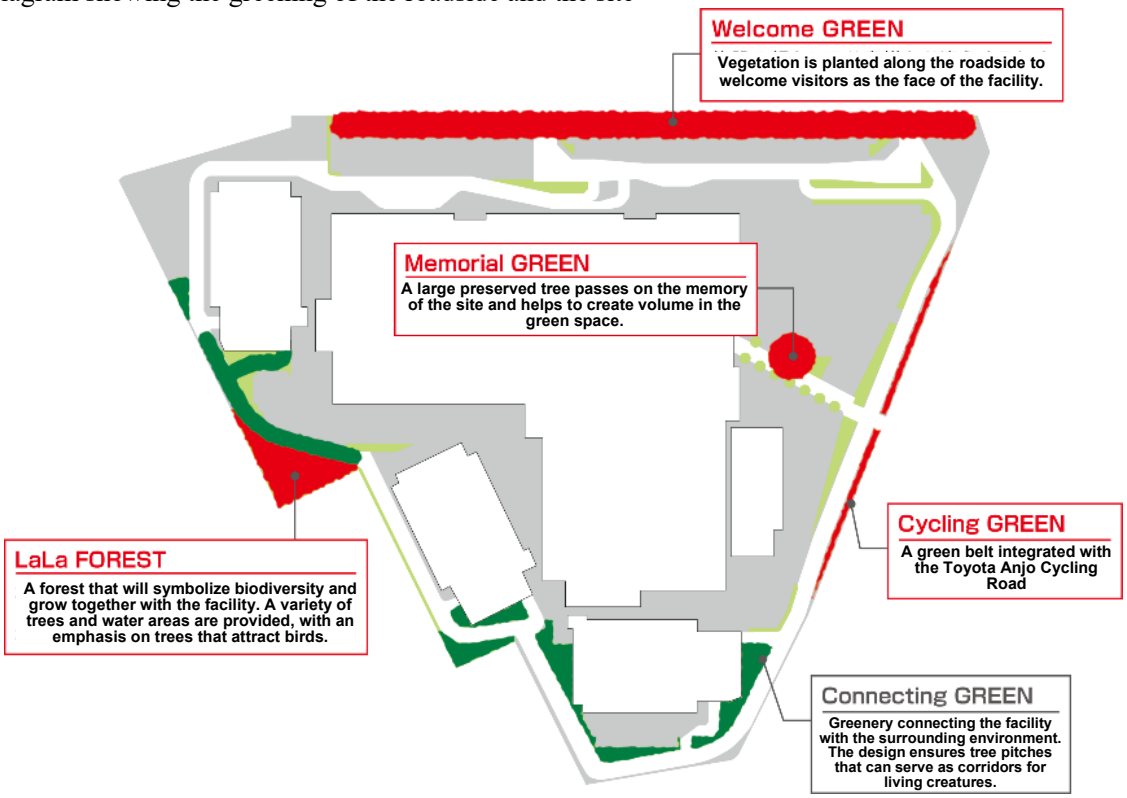


(Reference)
PLUGO BAR made by PLUGO inc.

Initiatives for Coexistence with the Environment

Giving consideration to the wide agricultural and green spaces that surround the facility and the Toyota Anjo Cycling Road and the Meiji-yousui Irrigation Canal, which run adjacent to the facility on its east side, the facility will actively promote greening of the roadside and the site, forming a network of trees and green areas to create a local environment that is considerate of biodiversity. Inside the facility, LaLaFOREST, a forest that will grow together with the facility as the heart of its biodiversity, and Memorial GREEN, a large preserved tree from the existing site, are provided with the aim of achieving coexistence with the local environment.

■Layout diagram showing the greening of the roadside and the site



■ Map of the area around the facility