

# Fujisawa Sustainable Smart Town

Location : Fujisawa-shi, Kanagawa

Completion : September 2015

## Cycle sharing port established in a smart town



A trial of a new bicycle sharing system using Mobile ECO Cycle systems was conducted in Fujisawa Sustainable Smart Town, part of Fujisawa City.

From bookings to pick up and return, this complete system caters for electric power-assist bicycles used for ride-sharing bicycles, with users replacing the batteries with fully charged ones before returning the bicycle. The Mobile ECO Cycle system is designed to not accept bicycles until the battery is replaced. This ensures that users always have easy access to fully charged bicycles and it reduces the workload on system operators.

Conducting this trial in an advanced smart town is helping to create a bicycle sharing system with a high level of functionality and convenience.

### Location Map

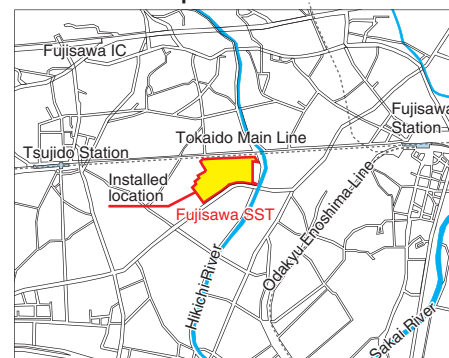
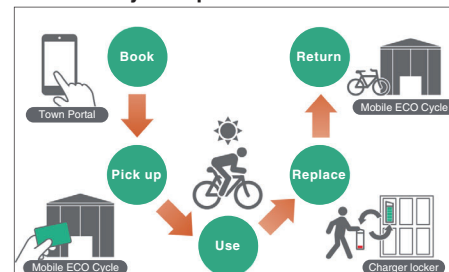


Image created by GIKEN based on fundamental geospatial data from Geospatial Information Authority of Japan (<https://lfd.gsi.go.jp/download/menu.php>)

### Mobile ECO Cycle Specifications

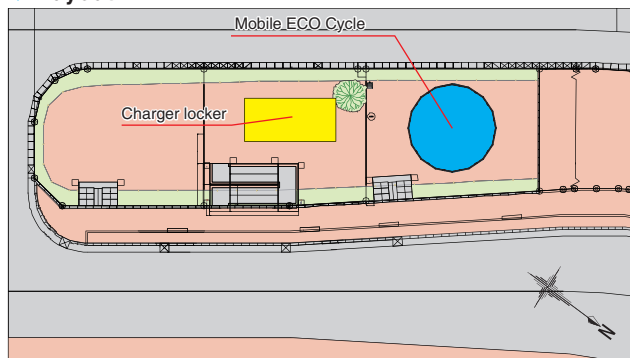
- Units : 1
- Total Capacity : 58 bicycles
- Usage : Share cycles, Monthly use
- Card Type : Resident IC card

### Share cycle operation



1. Book bicycle through dedicated resident's portal
2. Use resident IC card to pick up bicycle
3. Use the bicycle
4. Replace battery with fully charged one after use
5. Return bicycle to Mobile ECO Cycle

### Layout



### Bicycle used for ride-sharing system



Interior

