

[2020 4th Japan SDGs Award "Chief Cabinet Secretary Award"](#)

[2021 Selected "SDGs Future City".](#)

[2022 Selected "The first leading Decarbonisation Area".](#)



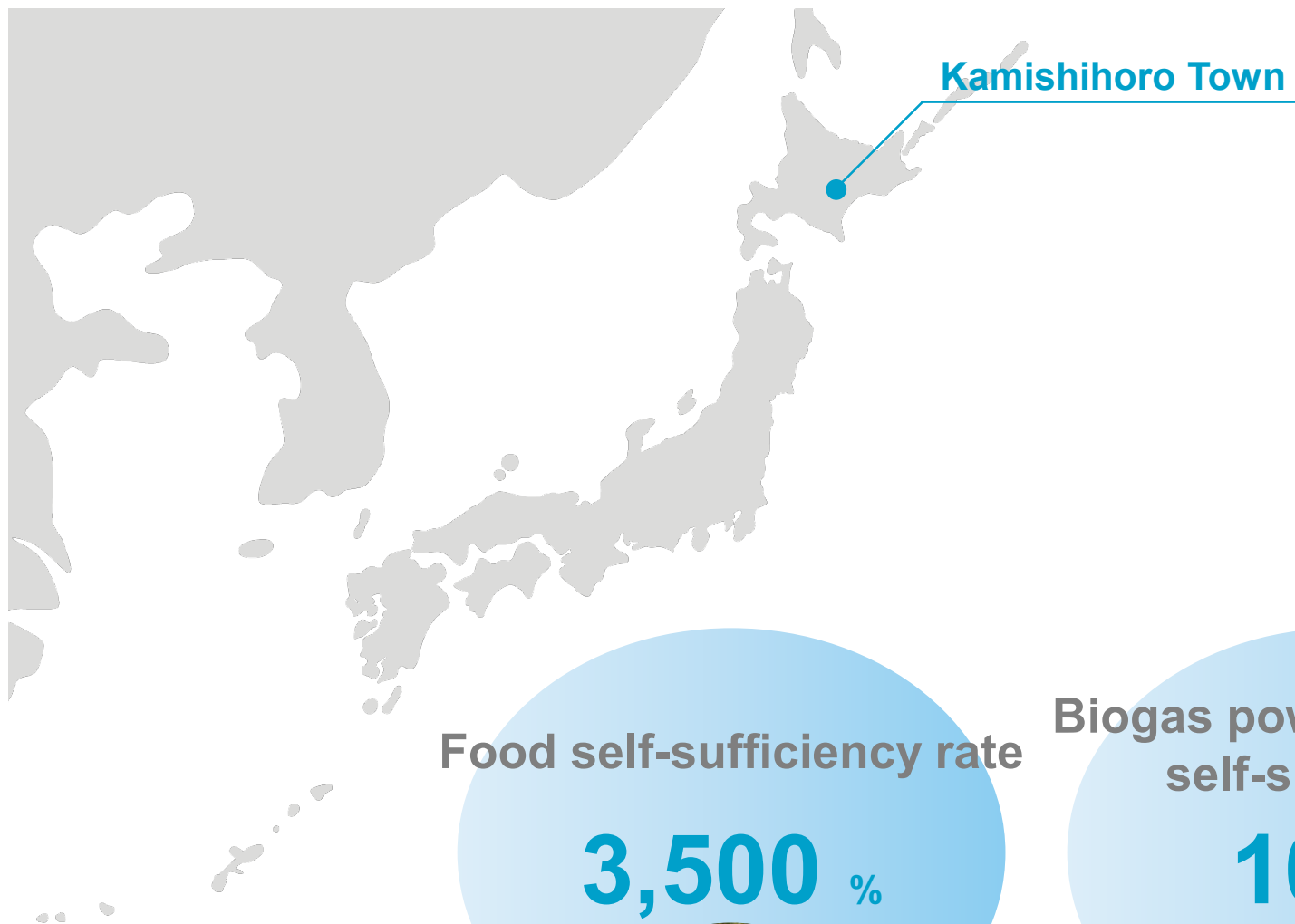
# Kamishihoro Town

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**Sustainable town for the future**

Mitsugi TAKENAKA, Mayor of Kamishihoro Town, Hokkaido Prefecture, Japan

# 01 Outline of Kamishihoro Town



Population	4,949 (2021)
Number of Cattle Fed	47,333 (2021)
Total area	696 km <sup>2</sup>

Food self-sufficiency rate

**3,500 %**

A circular inset image showing a person in an orange jacket holding a bundle of hay in a field.

Biogas power generation self-sufficiency

**100 %**

A circular inset image showing a large industrial facility with several large circular tanks, likely a biogas plant.

Raw milk production

**137,000 t/year**

A circular inset image showing a large industrial facility with many cows in a processing area, likely a milk processing plant.

# 02 Economic, social and environmental initiatives



## Economy

Stimulation of the local economy through regional linkages and job creation



## society

Improving the convenience of residents' lives through social implementation of next-generation advanced technologies



## Environment

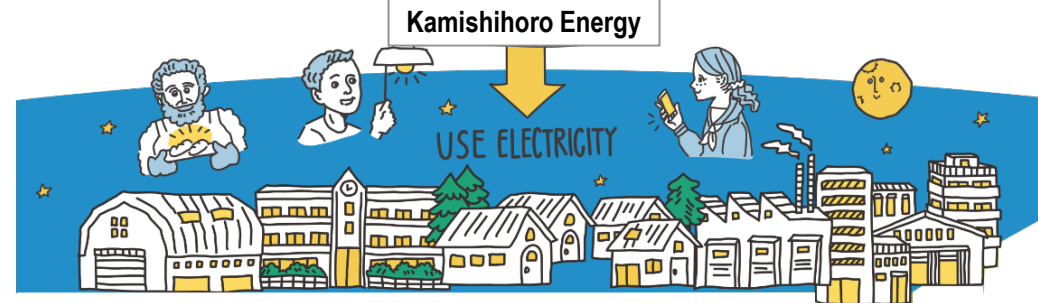
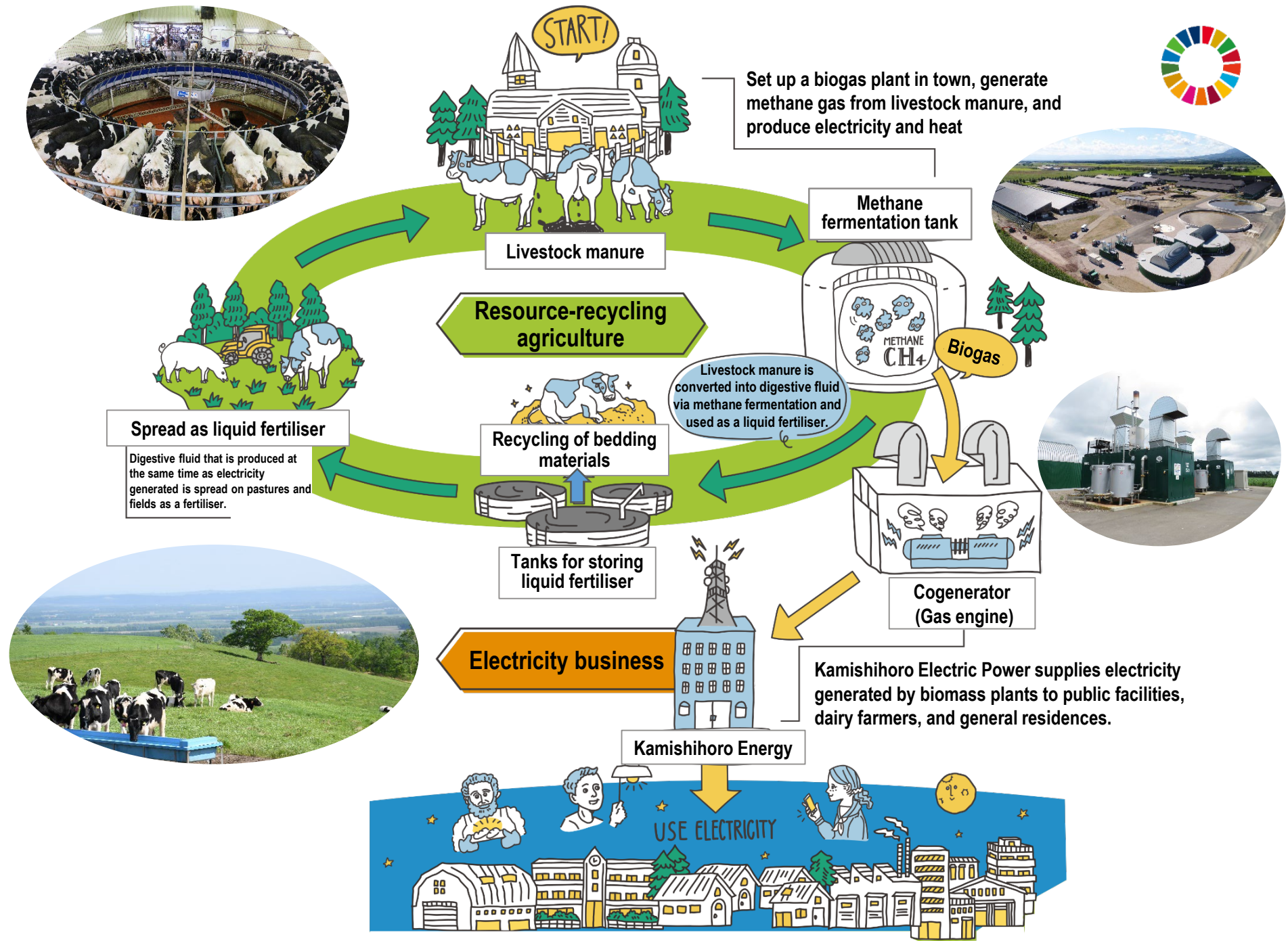
Carbon neutrality and convenience/regional resilience



**Harmonising the three aspects**  
**to create a sustainable town through decarbonisation**

## Biogas plant

### Resource-recirculating agriculture using cattle manure and local production of energy for local consumption





## Solar power generation

### Town-wide installation of solar power generation equipment

# Support for the introduction of solar power generation equipment



1USD / 130JPY

General (private) housing      Maximum      **23077** USD

Offices, factories, etc.      Maximum      **230770** USD

Solar power generation equipment

Subsidy rate      **2/3**

Storage battery for stationary use

Subsidy rate      **3/4**

V2H charging facilities

Subsidy rate      **3/4**

Contract with local electricity

Coupon      **770** USD



**Kamishihoro Energy**

## On demand transportation

Improving convenience for residents by visualising available time

[Sep. 2020~]

Converted from 'Constant and regular route operation' to 'Demand operation (pre-booked)'

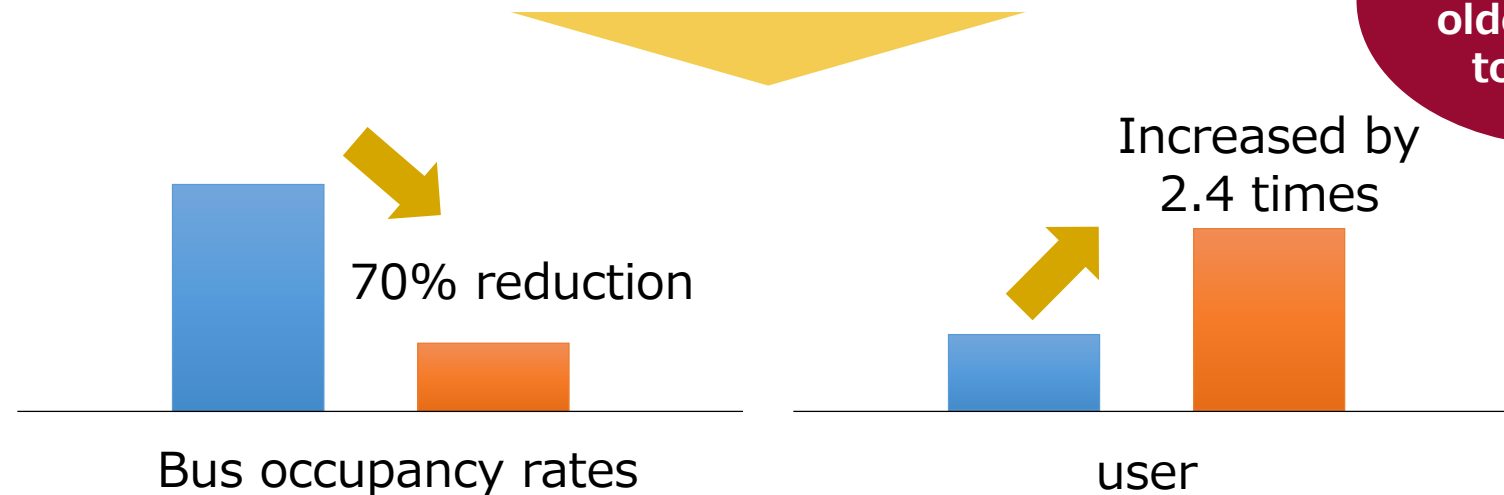


Additional days and hours of operation;  
Pick-up and drop-off in front of home



Simple UI design that is easy to use, even for older people

Opportunities for older people to go out



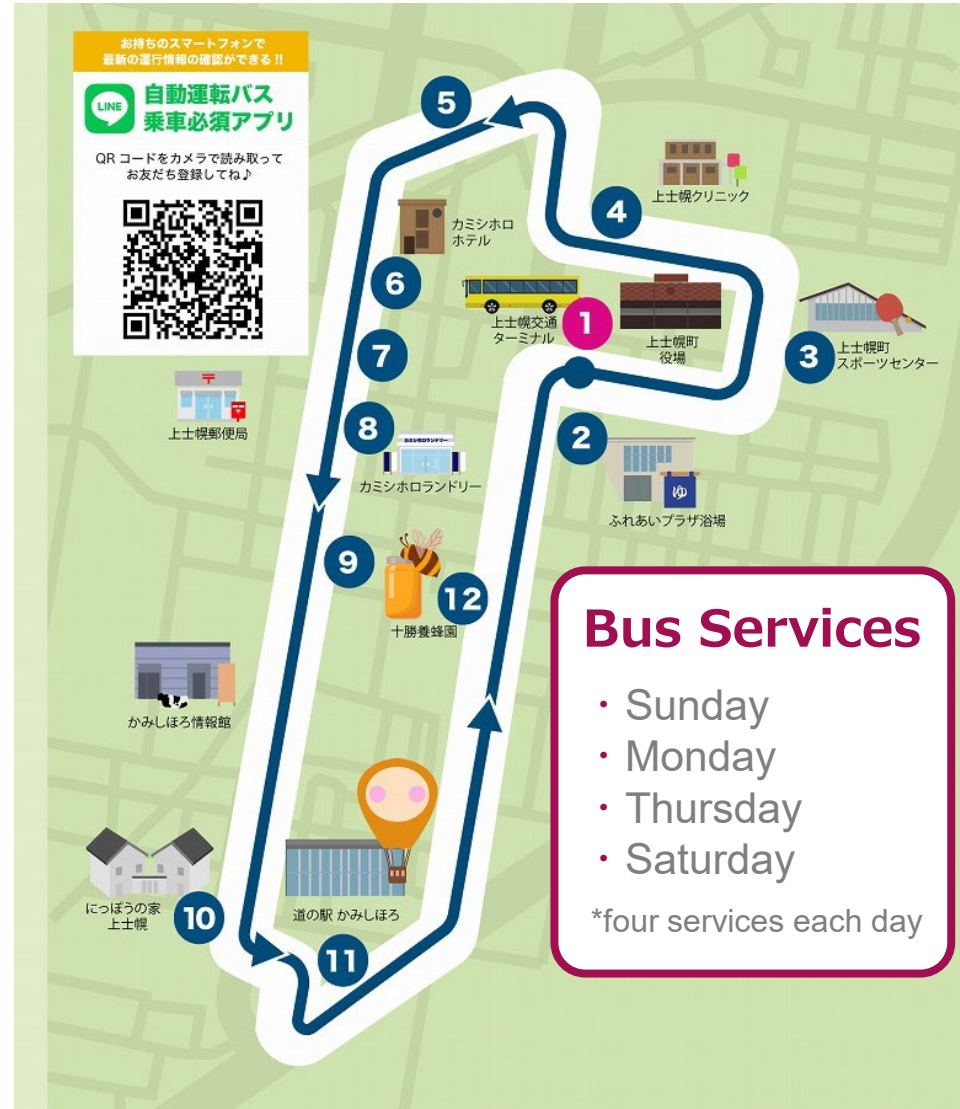
## Autonomous mobility

Ensuring local foot traffic through automated driving

[Dec. 2022~]

After multiple demonstrations since 2017.

## Regular automated bus services commenced



### Bus Services

- Sunday
- Monday
- Thursday
- Saturday

\*four services each day





# Delivery demonstration using drones



- Optimising logistics in the region through manpower saving and decarbonisation using drones



Drone

Optimising intra-regional logistics using drones



## Behaviour change while having fun: Creating a mechanism that also links to economic circulation in the region



### Change to eco-friendly behaviour

### Promoting behaviour change in residents and businesses



Ongoing implementation of lessons on achieving the SDGs in schools, companies, etc.



Launch of a project team led by young people to spread awareness of the SDGs among residents; and the creation of a 'local currency' that awards points for environmentally friendly behaviour.

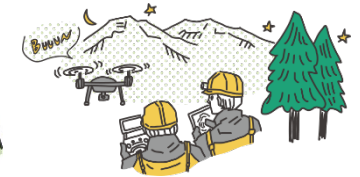


# 09

# Sustainable town for the future



- Improving efficiency of transport and logistics services, together with the introduction of renewable energy and energy-saving equipment.
- Establishing mechanisms to encourage residents and businesses to change their behaviour and use environmental measures as an engine of economic growth, while realising local decarbonisation across the town.



Creating the future of Kamishihoro

**SDGs**  
SUSTAINABLE DEVELOPMENT GOAL

