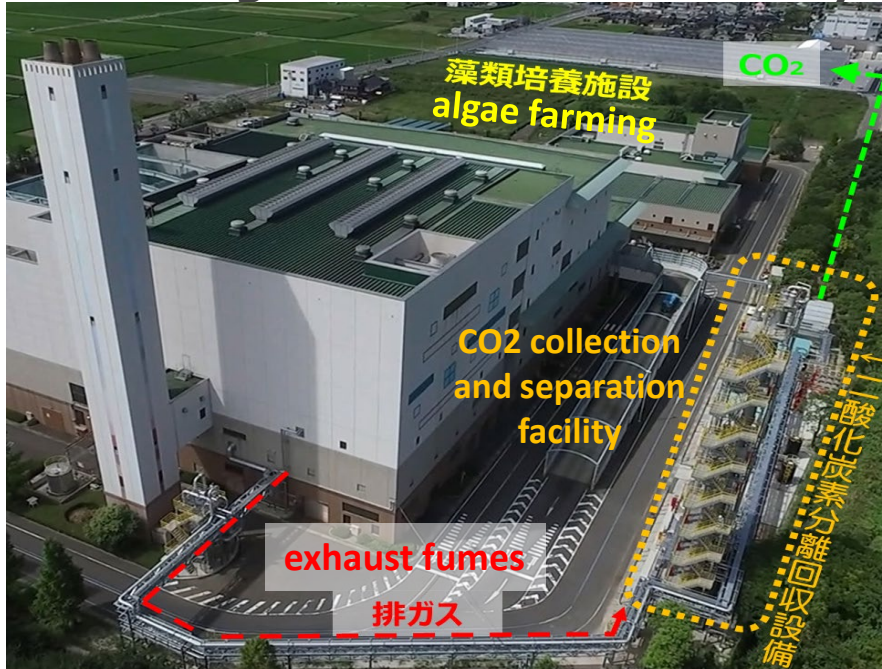




Capturing and Utilizing CO2 in an Efficient Way



➤ Utilizing CO2 and the carbon cycle in an efficient manner to help develop local industries



Supply of CO2



Alvita (algae)

(area of operation 2.0ha)
Cultivated microalgae can be used to produce cosmetics, supplements and astaxanthin.



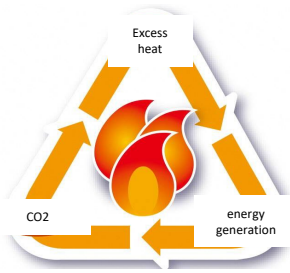
Green Lab (basil)

(area of operation 0.5ha)
Producing basil using vertical hydroponic cultivation technology. Supplying fresh basil to the market, as well as offering processed food products.



J A Agriculture (cucumber)

(area of operation 2.0ha)
"The "Dream Farm" aims to achieve profitable agriculture by establishing large-scale, high-yielding technology for cucumber farming.

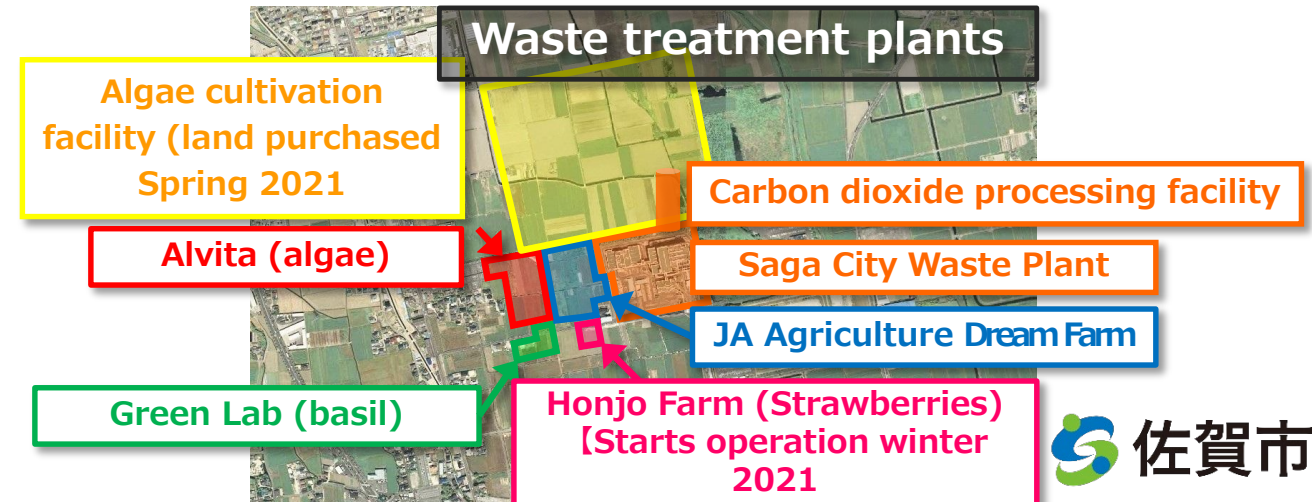


➤ Expanding the Utilization of CO2

○Currently, we are supplying the above three companies through pipelines. One new factory (in pink), has recently entered the market as well.

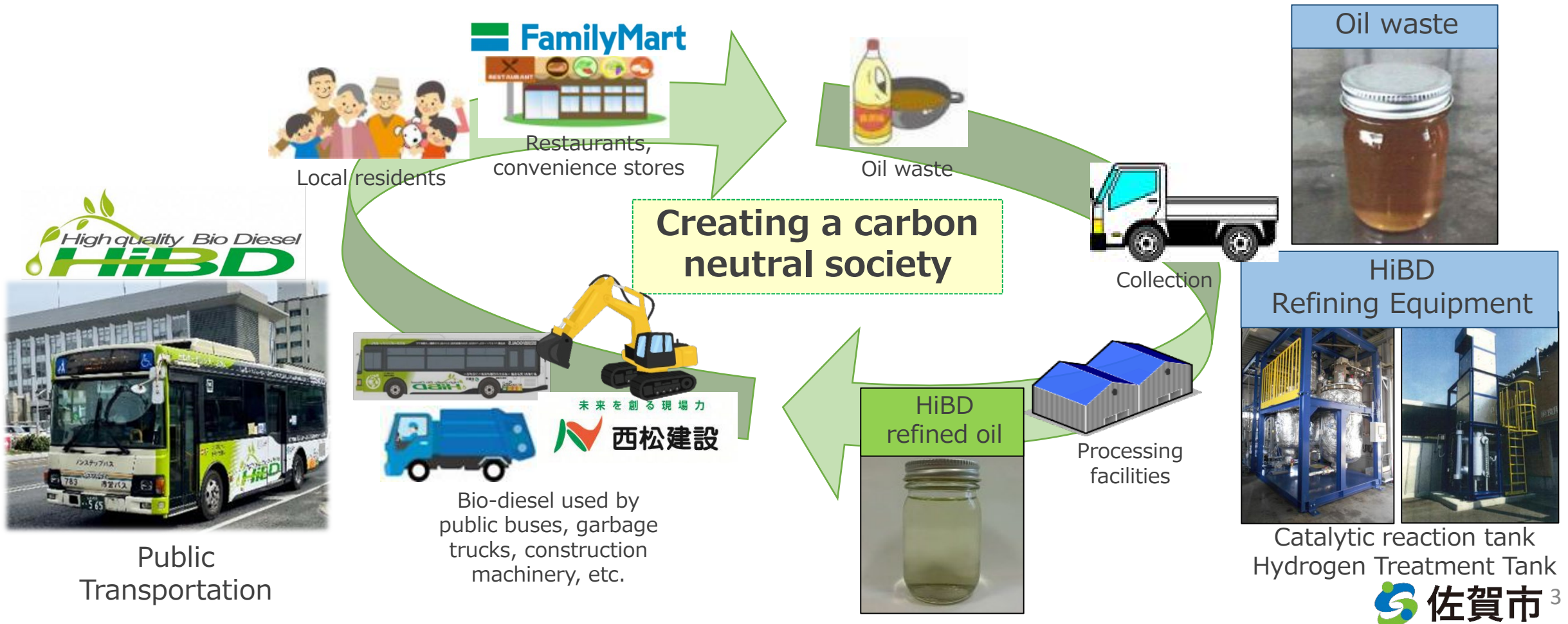
○Alvita purchased the land north of the cleaning plant and plans to expand its business 10 times its current size.

○In addition to cultivation plants, we are also considering its use in other fields such as the industrial arena and health care (carbonic acid springs), etc.



Recycling Cooking Oil

- Collect cooking oil waste from home or your workplace
- Oil waste is refined into **high quality bio-diesel (HiBD)**
- Bio-diesel is used for public transportation
- Collaborate with the private sector to expand the use of this technology



A Plan for Renovating Water Treatment Plants

- Provide wastewater treatment plants with biomass from waste processing plants and food companies in the region.
 - As the volume of water that needs to be treated grows, the biomass provided also increases in order to meet demand.
 - Fuel produced by the co-generator system provides energy and heat.
- Energy self-sufficiency rises from 40%⇒58%!

