

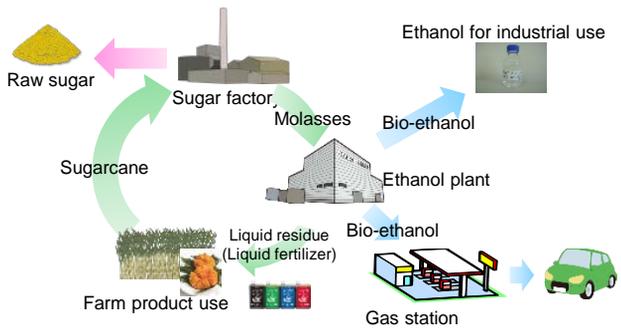


On Miyakojima Island, located furthest from the main island of Okinawa Prefecture, the city is dependent on other regions for food and energy resources and underground water for everyday life. Therefore, it is an important issue to revitalize the local community by taking measures for resource recycling and environment conservation. In an effort to make best use of local resources, the city has long been making various efforts, including renewable energy system stabilization, energy management by users, demonstration projects such as biofuel utilization and implementing measures for disseminating EVs. The city aims to develop “a prosperous island where people can live permanently” by developing an island model to combine a low carbon society with regional revitalization and establishing the “Eco-Island Miyakojima Island” brand, while making a system for the citizens to work in union.

Miyakojima Bio-ethanol Project

In Miyakojima City on a remote island, CO₂ emissions from transport are high due to the high car ownership rate and undeveloped public transportation systems. To that end, the city will take measures for transportation by using gasoline blended with ethanol made from the residue (molasses) from the process of forming crude sugar from sugarcane, a major crop of the island.

Also, the city will contribute to high-value added sugarcane and creation of a recycling society by the cascade use of sugarcane, such as returning such ethanol to soil in the form of liquid fertilizer.

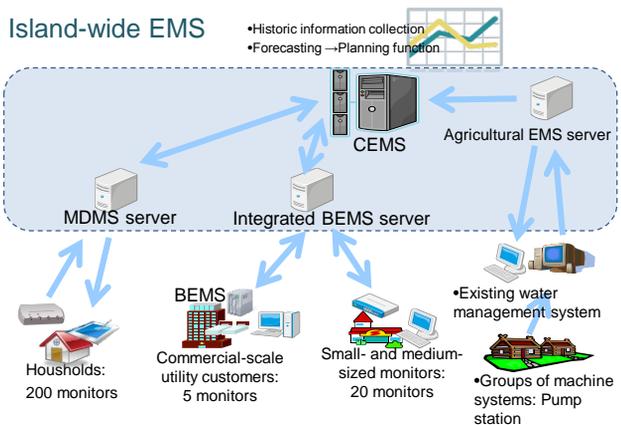


OCreation of recycling-oriented low carbon social systems with sugarcane
OVitalization of the main industry of the island by creating high-value added sugarcane

Island-wide EMS Demonstration Project in Miyakojima City

Aimed at utilizing renewable energies on the island, including solar and wind power generation, most effectively, the city will develop a total energy management system through the electricity visualization and adjustable demand control by uncovering the electrical demand situation as well as by developing a business model which can be managed by the local government into the future, in an effort to revitalize the local economy and create employment.

With the theme of “Live (sumau) Smart on the Island (suma),” it is nicknamed “Suma-Eco Project” by the citizens.



- CEMS: Community Energy Management System
- BEMS: Building Energy Management System
- MDMS: Meter Data Management System

Tour Around Eco Island Miyakojima

Eco Island Miyakojima PR Hall (known as Eco Park Miyako) was built as the base facility for a tour of ecology-related facilities scattered on the island to learn about new energy and the initiative of Eco Island Miyakojima by actually experiencing and feeling things. The tour is expected to contribute to raising the awareness of citizens and promoting tourism.

Visitors can tour the facilities after learning about the island, background of the initiative, outline of each facility and other information at Eco Park Miyako.

