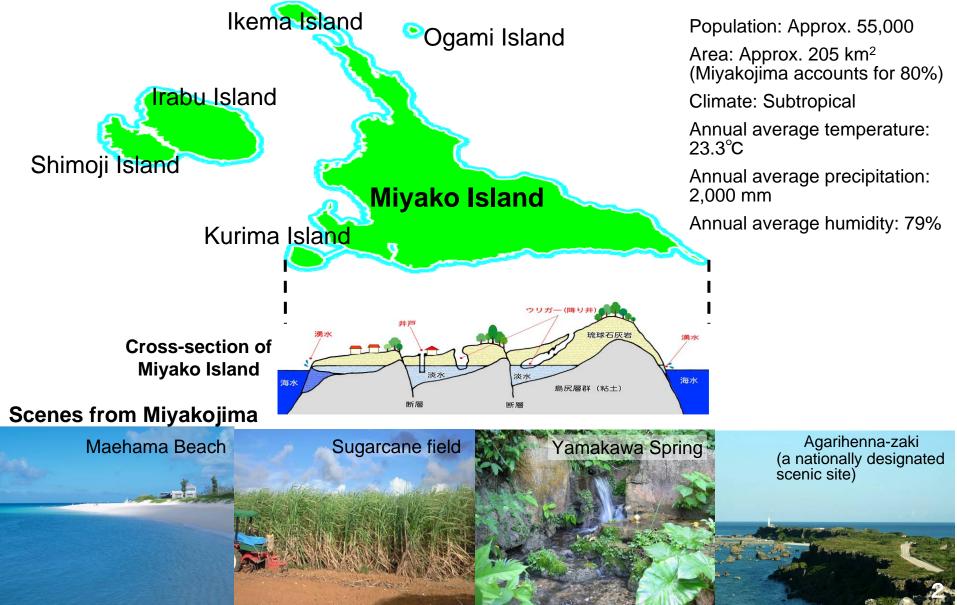
Developing an Island-style Low-carbon Social System: In Pursuit of Eco-island Miyakojima



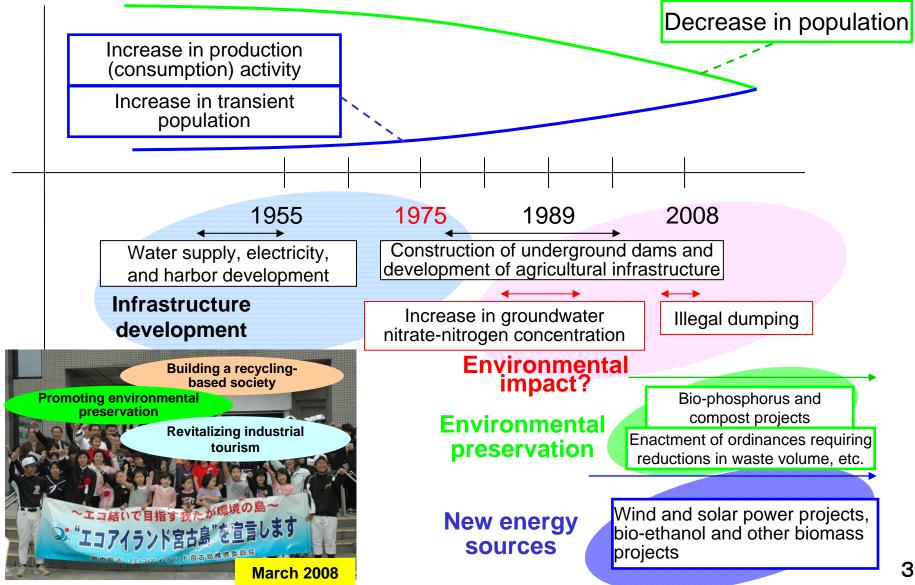
Miyakojima Profile

Surrounding by ocean of four sides and consisting of uplifted coral reef, Miyako Island is a flat island that taps groundwater for its water supply and subsists on the key industries of tourism and agriculture. Some 400,000 tourists visit the island each year.

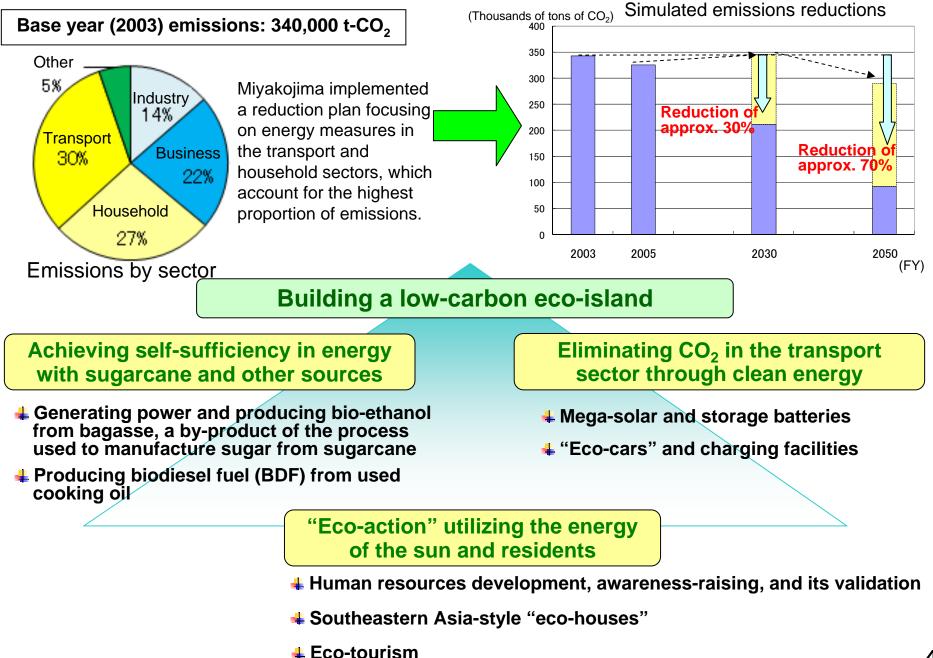


Eco-island Miyakojima Background

As residents' lifestyles become increasingly affluent, their impact on the island's natural environment and growing dependence on outside resources began to appear in such forms as groundwater pollution and illegal dumping. In response, Miyakojima made the Eco-island Miyakojima Declaration to express the goal of preserving a livable island environment for future generations.

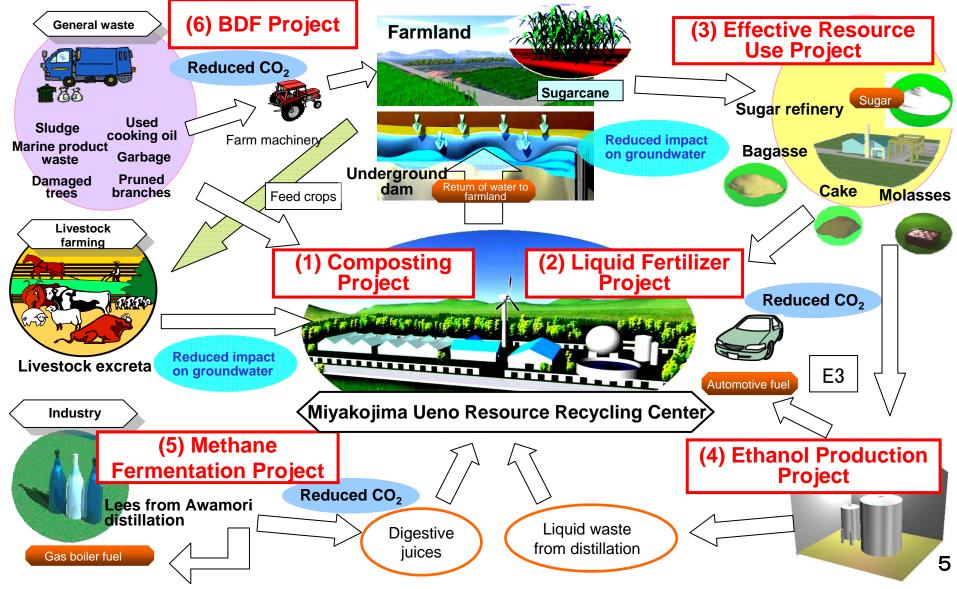


Low-carbon Initiatives



Recycling-based Low-carbon Urban Planning

Miyakojima developed the Biomass Town Concept in order to build a recyclingbased island that utilizes local biomass, thereby preserving the natural environment and maintaining tourism resources. The concept consists of the following six projects:



Independent Model for a Low-carbon Social System: Demonstration and Visualization Project

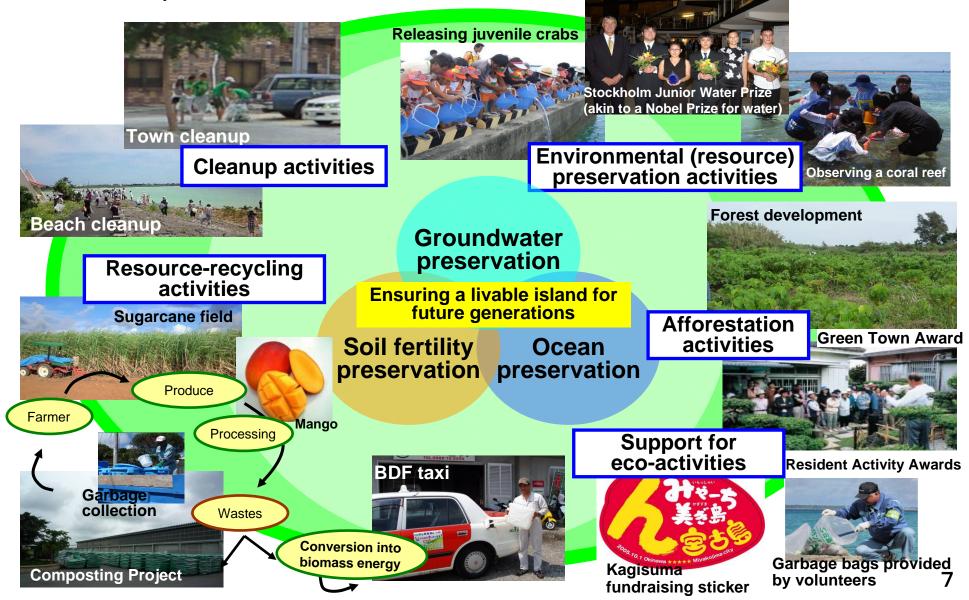
•Miyakojima will demonstrate Asian-style "eco-houses" and micro-grid technologies in the context of an island environment and disseminate the technologies of an independent low-carbon social system to outside audiences. The city will seek to improve its energy self-sufficiency by developing natural gas as well as tidal and wave power generation facilities.

•The city will develop eco-tourism products that allow visitors to experience new energy sources while touring the area by dividing new energy facilities that radiate out from around the city offices into four areas in an approach that will treat the entire island as an "energy park."



Eco-island Miyakojima Activities

Eco-activities being undertaken on Miyako Island to bring about a sustainable island are linked to environmental (resource) preservation in the form of underground water preservation, ocean preservation, and soil fertility preservation; human resources development and the cultivation of environmental preservation activities; and the creation of new industries.











Future Issues

 Raising resident awareness of low-carbon urban planning

•Building partnerships with resident groups and other organizations

•Visualizing activity results (product development)

Miyakojima is committed to pursuing initiatives to build a low-carbon society that utilizes local resources while coexisting with the natural environment in accordance with the Eco-island Miyakojima Project.









