Multipurpose Utilization of Deep Seawater "Kumejima Model" — Self-contained Community using Deep Seawater —

Kumejima island will become a model domestically and abroad for OTEC combined with local area cooling, aquaculture and agriculture. Kumejima will promote the multipurpose utilization potential of deep seawater through diverse implementation, such as the creation of new locally-owned industries, energy self-sufficiency, and a recycling society with a low impact on the environment. Together, the multiple uses of deep seawater are the "Kumejima Model." As a model island, it can help spread low-carbon and self-sufficiency to other small islands throughout Okinawa Prefecture and beyond.

Overview of the Kumejima Model  "Basic Research on Deep Oceanwater Multi-Utilization in Kumejima, Okinawa" Full report (Kumejima Official site)