New Business

Under the keywords of "decarbonization,""sustainability," and "healthy and comfortable lives," we develop new businesses based on our research achievements and extensive experience. We continue to take on challenges toward realizing an eco-friendly future. We are currently focusing on hydrogen, algae, and wood biomass power generation. We will offer new technologies.

HHOG[™]

High-purity Hydrogen Oxygen Generator



Generate CO₂-free hydrogen using renewable energy

The High-purity Hydrogen Oxygen Generator(HHOG[™]) directly electrolyzes deionized water and generates high-purity hydrogen gas on-site without using any toxic chemicals. We have a supply track record of more than 230 HHOG[™] units as utility generation equipment used in various factories, gaining the top share in Japan.



Developing proprietary functional ingredients for healthy and comfortable lives

Our original strain has been patented in more than 10 countries around the world. Consumption of Golden Euglena[™] (paramylon EOD-1) is expected to have a positive effect on the immune, nervous, and endocrine systems via the intestines and help maintain and improve homeostasis, which is the foundation of health.

Wood biomass power generation



Contributing to preserving the global environment through renewable energy

Wood biomass power generation is carbon neutral, contributing to CO₂ reductions and curbing global warming. By using thinned wood as fuel, we contribute to the development and maintenance of forests as a whole.





Golden Euglena[™] (EOD-1 strain)

Paramylon-rich Euglena EOD-1 supports healthy lives as a health food. Our track record of blending it in foods and supplements continues to expand.



litate Mirai Power Plant

Currently under construction in the Warabidaira ward of litate Village, Soma, Fukushima Prefecture. Operations are expected to begin around August 2024.