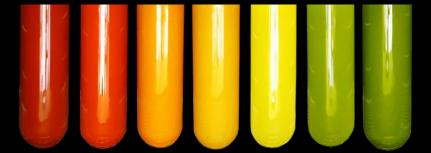


Cultivating Algae's Potential, for a Better Future

CEO Amane Kimura



Our Mission

Cultivating Algae's Potential, for a Better Future.

We provide algae bio-foundry platform for industrial partners, leveraging our unique capabilities built upon 20+ years of scientific research at the University of Tokyo, to identify the best package of unique strains and optimized cultivation know-how.



How We Do Differently



Conventional Algae Companies: "Product-Out" Model

Single Algae
Species

Development of Mass Cultivation Development Methodology (PMF)

How We Do Differently: "Market-In" Biofoundry Model



Issues We Are Addressing



Health & Wellness
The 100-Year Life



Related Nutraceuticals
Industries Beauty Personal Care

- Holistic health
- Wellness Well-being
- Personalized nutrition
- Evidenced based functional ingredients
- Shift from chemical synthetic ingredients to natural ingredients
- Cost competitiveness

Food Crisis
Sustainable Food Supply



Agriculture Food & Beverage

- Supply constraints with animal protein (feed conversion ratio, environmental impact)
- Aging of agricultural workers
- Shift in consumer trends mainly driven by millennials and Gen Z.
- Shift to natural, healthy products, non-GMO, yet tasty and cost competitive ones.

Global Warming
Circular Economy



Materials, Energy, Chemicals

- Global warming
- Emerging needs for alternative fuels and materials.
- Mitigate CO2 emission
- Alternative fuels and materials for replacing oil and gas derived ones.

Customer Pains & Needs

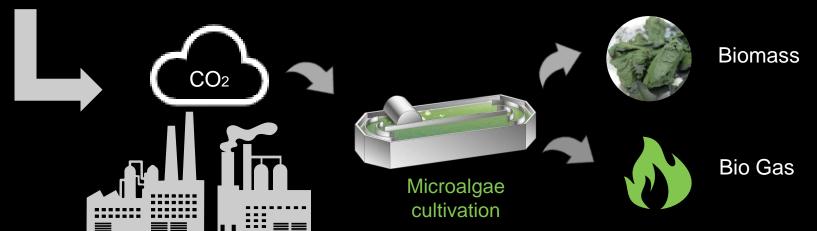
Macro

Trends

How to Achieve Carbon Neutrality with Microalgae?







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Ongoing Project with KEPCO (NEDO)





CO₂ from industries

Efficient use of microalgae biomass

Natural resource-independent chemicals



EPA*

For arteriosclerosis and hyperlipidemia treatments and health foods



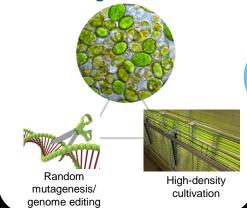
For cosmetics and health foods

XEPA:eicosapentaenoic acid

Used as a raw material for bioplastics



Aiming for long-term CO₂ fixation



algal bio



processing

harvest

