

Floatmeal

Technology that multiplies Plant Protein—Fast and Affordable.

Floatmeal Co., Ltd. is a deep tech startup originating from Hokkaido University, pioneering sustainable food innovation with Wolffia—an ultra-nutritious, non-allergenic micro plant. Founded in 2023 and based in Sapporo with a research base in Abira, Japan, Floatmeal aims to tackle food security and climate change by developing next-generation protein ingredients. Through proprietary microbial technology, the company enables affordable, high-quality duckweed production by enhancing productivity, nutritional density, and sustainability. These innovations—rooted in deep academic research—have already attracted interest from food manufacturers seeking reliable, protein-rich ingredients. By integrating microbiome science with advanced cultivation, Floatmeal is transforming duckweed into a commercially viable, scalable solution for global food challenges, bridging cutting-edge science with real-world impact to reshape the future of sustainable nutrition.

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- ❶Year of establishment : 2023
 - ❷Representative : Moana Kitamura
 - ❸English support : Available
 - ❹Number of employees : 3
 - ❺Funding amount/stage : Pre-Seed
 - ❻Other :
 - Hokkaido University Certified Startup
 - Selected as one of "100 Promising Startups in Japan 2024" by Toyo Keizai Inc.
 - J-TECH Startup
 - Climate Launchpad 2021 JAPAN Winner, Global Grand Final: The Next Big Thing
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1 | Details of interest for collaboration and cooperation

Details of interest for collaboration and cooperation Floatmeal is seeking food and health companies exploring new protein sources to replace soy or whey for product co-development. We also welcome partners who can provide tropical cultivation sites suitable for Wolffia production.

2 | Current issues and needs

Floatmeal is also seeking companies and individuals in Asia (Thai, Indonesia, Malaysia) with available land or interest in investing in Wolffia cultivation facilities, particularly through contract farming. Such partnerships can enhance corporate image, create local jobs, and lead to future business collaboration.

3 | Future Business Plans

Floatmeal aims to expand globally through local production, export, and licensing in Southeast Asia—particularly Thailand, Indonesia, Malaysia, and Bangladesh—leveraging the foundational research and proprietary technology developed by Floatmeal. We also plan to explore carbon credit generation through cultivation, as well as applications in biofuel and wastewater treatment.

