

Creation of a Japanese materials industry through mass production and overseas expansion of silkworm biomaterials (Morus Inc.)



City	Year of Establishment	Founder
Shinagawa, Tokyo	2021	Ryo Sato

Partner VC	Latest round of Fundraising	Valuation
DG Daiwa Ventures Inc.	Pre Series A	Non-Disclosure

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○ Business Plan
Silkworms, for which Japan boasts world-class research technology, will be used overseas as a bio-based raw material, most recently as a food protein raw material. Silkworms have unique functional components that are not found in other insects, allowing them to enter a variety of markets, and because they are domesticated insects, they are highly suitable for mass production, making them one of Japan's strengths in food. Together with our technology and brand, we aim to create a materials industry originating from Japan.

○ Research Outline
In this research and development, we will work on research and development that will contribute to the following matters when using silkworms as food.

- ① Adding high value to silkworm-derived food ingredients
- ② Mass production of silkworm-derived food ingredients
- ③ Overseas expansion of silkworm-derived food ingredients and food products containing them

Business Area/Field	Research Period	Research Grant Amount	International collaborative technology demonstration
Food & Agriculture	STS 2023～2025FY	JPY 217 million	Singapore, United States

○International collaborative technology demonstration

- ① Contract with local partners
- ② Local base establishment
- ③ Relationship development with potential local partner
- ④Supply chain development

We have already secured a local partner in Singapore, where we plan to expand our business, and we plan to establish our own base in 2023 (②,③). In addition, we are collaborating with partners on the premise that after the demonstration in Singapore, we will expand to other countries around the world, including ASEAN (④).

At the same time, we are conducting joint research with a local university in the United States, another country we plan to expand into (①), and are building a foundation for future expansion into the United States.