(I) Morus

Silk Protein saves the world

Protein Crisis is right around the corner



Production is inefficient. No unique nutrients. And...you don't wanna eat



The only-one industrialized Silkworm-based alt-protein provider in the world to solve the global protein crisis

Why Insect?



Of animal alternative proteins containing essential amino acids, We select insects with high mass production efficiency and low cost

	Animal based protein				Plant based protein		
	Silkworm	other insects	cultured meat	cultured shrimp	Algea	Fungi	Pea
logo	(1) Morus		UPSIDE Foods	Shiok Meats Seefood, reinvented.	euglena	MycoTechnology	BEYOND MEAT
Main composition of amino acid	<u>Essential amino acid</u> + other amino acid	Essential amino acid + other amino acid			Nonessential amino acid		
cost	-\$200	-\$200	several tens of thousands of dollars	several tens of thousands of dollars	Ô	0	0

Our Business





Silkworms are easy-to-raise, high-yield, Long industry in Japan



Easy Breeding

Silkworms do not escape. and don't eat each other

High Yield

Production per area is high and larger in size.



Industry basis in Japan

More than 200 years history in Japan

Morus

What is Silkworm?

Feed is inexpensive, production time is short, and manpower required is relatively low.

Inexpensive feed



Mulberry leaf is a very common, easyto-produce leaf found everywhere

Shorter Production Time



Production time of Silkworm larvae is the shortest among the major insects used as alternative proteins

And ... it's even lower in CO2 emission



Morus







So, what do we do?

MORUS is the only company to INDUSTRIALISE Silkworm production





Morus (

Biz Model: B2B Silkworm Powder Provider





Confidential



Productivity

14

Team – Board Members





We have early traction with leading companies ⁽⁾ Morus



Our vision is to be a global silkworm material provider



Morus

Potential in terms of CO₂ emission

Our MorSilk® Powder's GWP can achieve carbon negative by 2026



Improvements we'll make

- Change electric power to renewable energy
- Make use of larvae's frass as fertilizer
- Capture CO₂ in mulberry trees and bury in the ground.

**Land use: Silkworm (future) 12m² vs Beef 185m² Water use per year: Silkworm (future) 23m³ vs Beef 112m³ Morus

We're looking for collaboration for starting our business in Thailand.

- 1. Partner to sell or distribute our products in Thailand (So-called B to C business model)
- 2. Producer or supplier of law materials(silkworms etc.)
- 3. (In the middle or long term) Business partner to establish silkworms plant in Thailand

We are backed by leading VCs and the Japanese Government







Nutrition science

selective breeding for silkworm

21



DEIWEEN pant X anima

Confidential