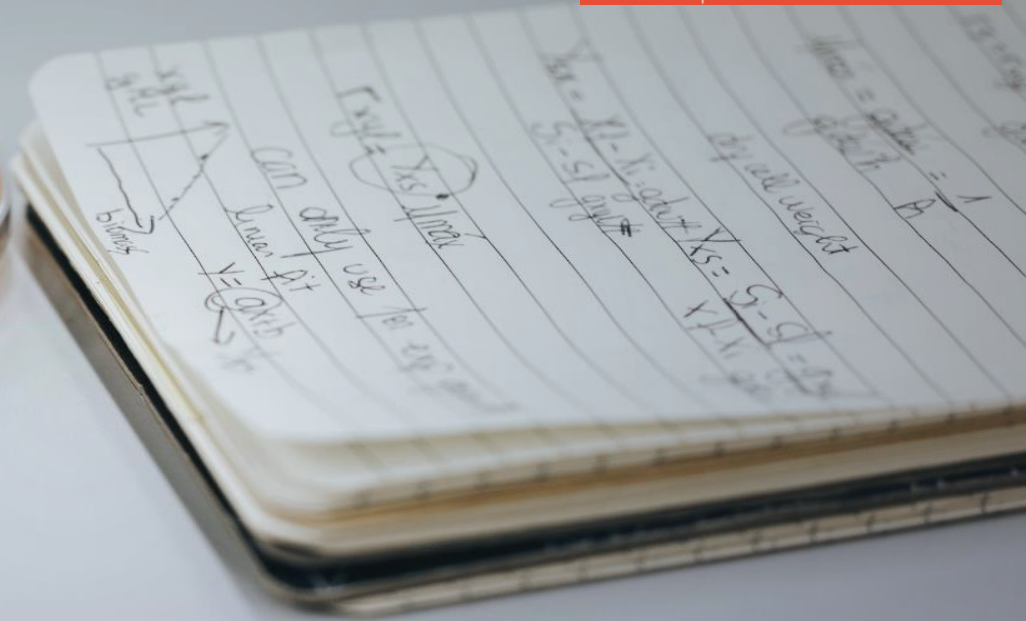
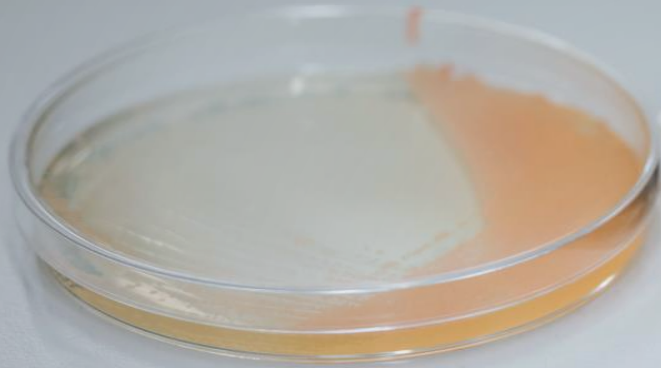




äio tech



# äio tech

Healthy fats and oils  
without destroying the planet



info@aitech.bio



# OUR CURRENT FOOD SYSTEM IS BROKEN

Unsustainable



Wasteful

Unhealthy





# MEAT ALTERNATIVES

Market grows up to \$1.1 T by 2050

Credit Suisse prediction (high)



But are not near any perfection;  
not sustainable, nor healthy – not even tasty.





# MEAT ALTERNATIVES

Fat is the critical factor.

“The best” options; Palm oil and coconut oil are destroying the planet and are not good for your health.





# THE SOLUTION

We produce non-animal FATS & OILS from low-value biomass:  
true circular economy

- Sustainable
- Economically viable
- Healthy



# HOW DO WE DO IT?

We “brew” healthy FATS and OILS from sawdust!







# SCALABLE BIOTECH PROCESS



**Circular  
economy**

**Our expertise  
and exclusive IP**

**Sustainable  
& healthy  
ingredients**

Fats & oils

PROTEINS

ANTIOXIDANTS

PIGMENTS





# Healthier for people, planet and society



Encapsulated oils



Pigment-enriched oil



Buttery fats





# MARKET AND BUSINESS MODEL

- ◇ B2B model enables fast scaling (food and feed producers)
- ◇ Target markets:
  - Meat and dairy alternative producers (plant and alt-proteins)
    - Our own production facility + licensing
    - Novel foods certificate
    - Local value-chains
    - Custom-made oils and fats for food and cosmetics

# We are biotech experts making food system healthier



äio tech



**Nemailla Bonturi, PhD**

co-founder and co-CEO

Bioengineer >10 years of experience in fermentation technologies and cell engineering.



**Petri-Jaan Lahtvee, PhD**

co-founder and co-CEO  
professor at TalTech

Raised >5 MEUR competitive research funding; expertise in synthetic and systems biology.

## BD team



Mary-Liis



Killu

## R&D team



Luisa



Gabriel



Vitali 10



# ROADMAP



Jul-Dec 2022

Scale up (TRL7)

Safety

Customer feedback

2023 (Q3)

Seed-investment  
round for building a  
pilot facility

2025

IP family

Novel foods  
certificate

Pilot facility

2028

Tailor-made fats&oils

30,000+ tons/year

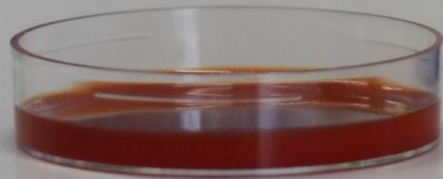
Technology licenced for  
large-scale production

# Join our mission!

WE ARE LOOKING for:

Partners to provide their by-products for valorisation

Loans for investing into pilot-facility building.



Petri-Jaan Lahtvee  
Co-founder  
[petri@aiotech.bio](mailto:petri@aiotech.bio)