



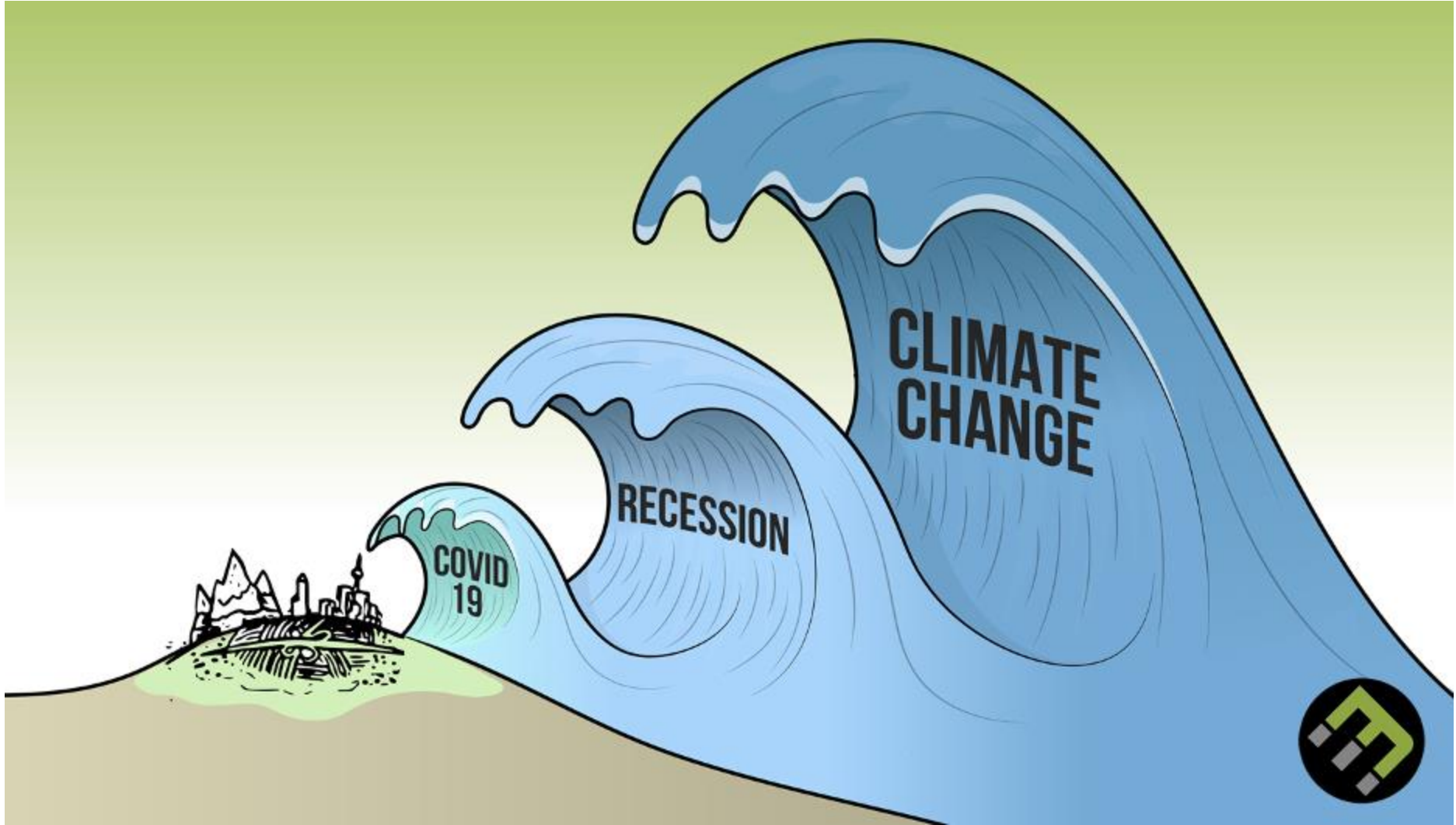
**100% biodegradable plastic** –  
**non-competing with food**

**Tadashi Kubo**  
**Co-Founder & CEO**  
**AC Biode**



**A chemistry-based start-up on:**

- 1. AC batteries and circuits for mobility and energy storage;**
- 2. Chemical catalysts that recycle organic waste mixed with plastic on-site; and**
- 3. 100% biodegradable plastic, not in competition with food.**









## Mission

**With our unique chemical technology,  
AC Biode aims to reduce greenhouse gas emissions, eliminate waste/ocean plastic, and improve recycling rates at a global scale.**

# Problem of bioplastic



**In competition with food**



**Not always 100% biodegradable**



**Poor properties**

# Solution: 100% biodegradable plastic



**From cellulose: NOT in competition with food**



**100%  
biodegradable  
even coaing**



**Strong properties**

# Business Model





# Applications



Films



Shopping bags



Garbage bags



Nail chips



Agricultural multi films



Plant pots



Fishing nets



cups



Air cushions



Spoons  
Knives  
forks

# Traction

- ✓ **10+ paid pilot tests**
- ✓ **Ready to sell samples**
- ✓ **We can make even from food waste**
- ✓ **Materials not in competition with food**
- ✓ **Technology: patented, certificates**
- ✓ **Scalable: utilizing existing machines and production lines**
- ✓ **Offices in Japan, Luxembourg, and the UK**



No. 378

# Our Team



**CEO**

**Tadashi Kubo**  
MBA



**CTO**

**Dr Atsushi Mizusawa**  
Ph.D. Material  
Structure Science



**Engineering**

**Robert Kunzmann**  
Ph.D. candidate  
Engineering



**Marketing**

**Farazane Taraie**  
MSE Engineering



**Advisor**

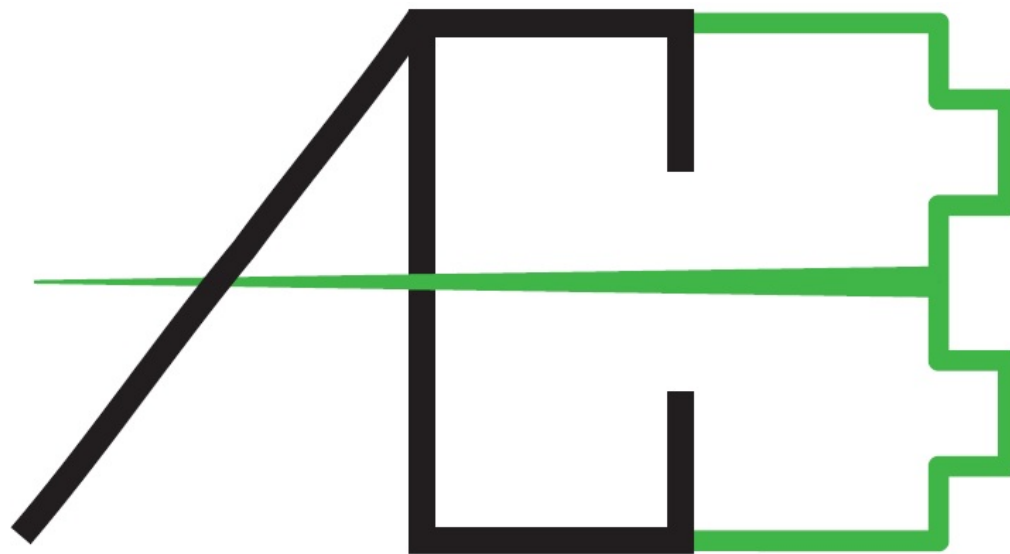
**Dr. Ryohei Mori**  
Ph.D. Engineering



# Our requests

- ✓ **Sample testing: ready to send complete products, such as nail chips, bottles, cups, forks, bags, and more. Also, pellets, film sheets.**
- ✓ **A pilot test to make bioplastic from food waste**
- ✓ **Potential partners**
- ✓ **Co-branding**





**ACBIODE**

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