

# UCO Partnership for Zero Waste Schools

Empowering Bali Schools with a Waste Management Program,  
Funded by Used Cooking Oil (UCO) Donations from HoReCa Businesses



# About Yayasan Green Books Indonesia



Since 2014, we have been committed to environmental education with a mission to inspire millions of Indonesian children to live sustainably.



Today, we amplify our impact by collaborating with local schools, developing eco-education programs, and training teachers to foster long-term behavioral change.

So far, our initiatives have positively impacted thousands of students across Indonesia's archipelago.



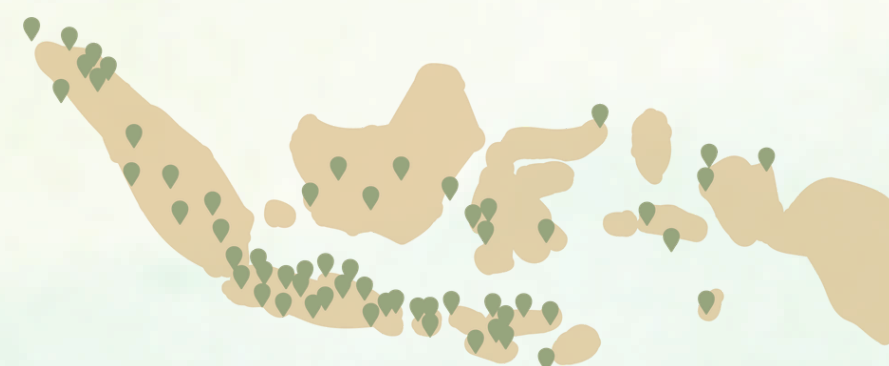
**13,278**  
Children Reached through Eco-Education



**351**  
Teachers Trained on Eco-Education Programs



**19,903**  
Eco-Friendly Rewards Provided to Schools



# Why Do We Need Zero Waste Education in Indonesia?

## 1. Overuse of single-use plastics

### WORLD'S 2ND LARGEST

contributor to marine plastic pollution

### PLASTIC WASTE

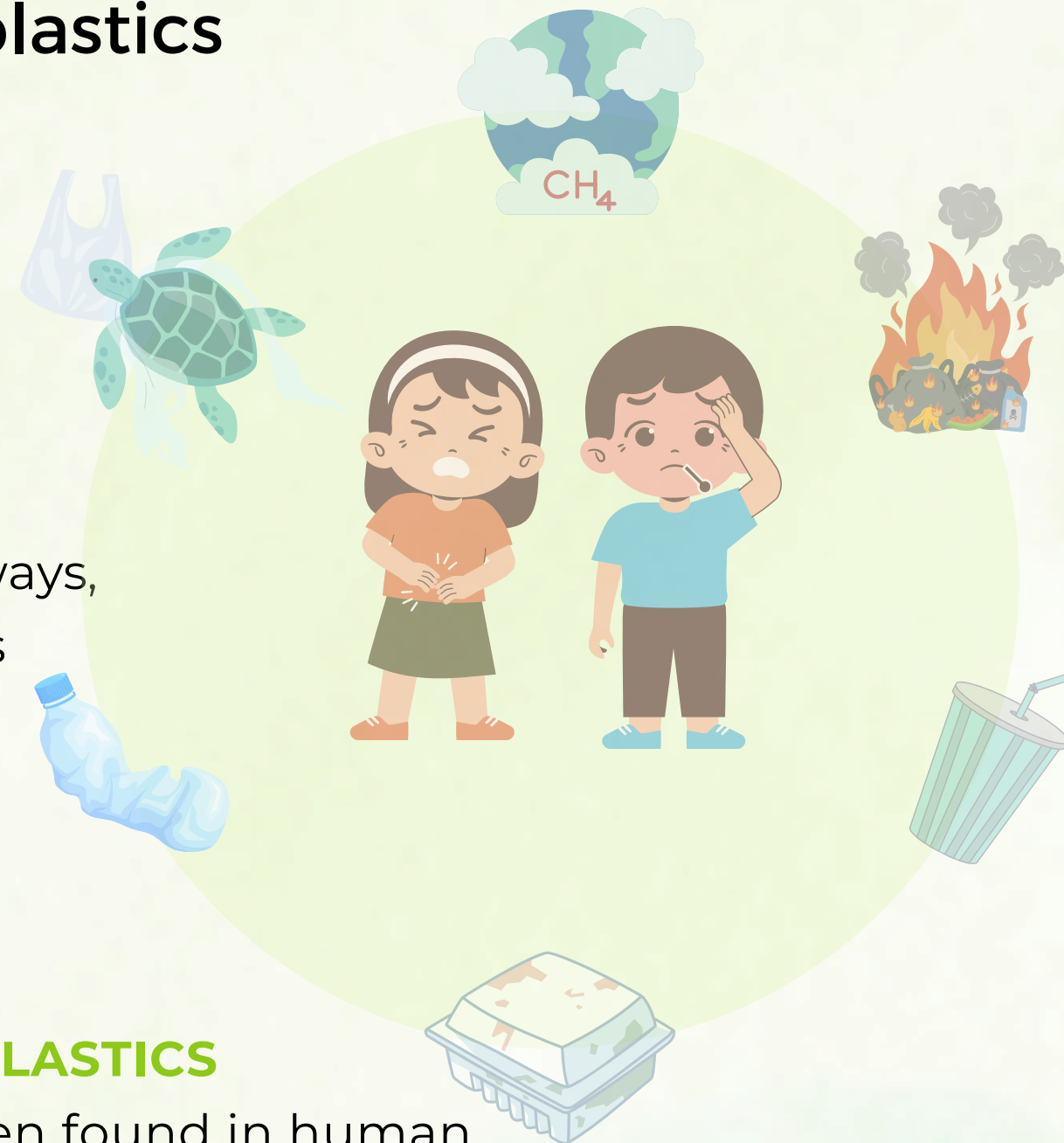
degrades tourism, clogs waterways, damages coral reefs, and harms wildlife

### WORLD'S HIGHEST

microplastic consumption: 15 g per capita per month

### MICROPLASTICS

have been found in human blood, lungs, and even the placenta



## 2. Lack of waste separation

### UNSEPARATED WASTE

piles up in the landfills, methane gas fuels landfill fires and contributes to climate change

## 3. Lack of waste management education

### 55 MILLION

schoolchildren growing up without waste management education

# About the Zero Waste School Program - Video



# About the Zero Waste School Program - Summary

The Zero Waste School Program aims to transform waste management habits in public elementary schools and achieve zero waste to landfills by focusing on:

## 1.

### EDUCATIONAL INITIATIVES

Student Curriculum



School Staff Orientation



Training of Teachers



## 2.

### ECO-FRIENDLY INFRASTRUCTURE UPGRADES

Single-Use Plastic Free Canteen



Waste Separation System



Composting Facility



# About the Zero Waste School Program - Impact

- The impact evaluation revealed:
  - Reduced single-use plastic consumption by **81.34%**
  - Decreased residual waste that goes to landfill by **86.66%**
- With a budget of USD 10-15 per child, the Zero Waste School program is **10 times more cost-effective** than cleaning plastic waste from beaches, oceans, or rivers.
- The program is aligned with the **Gerakan Bali Bersih Sampah** and the **national curriculum**, and is approved by Education Departments for implementation in Bali's elementary schools.



10x  
↓  
\$



# About Used Cooking Oil (UCO)

Indonesia is a paradise for used cooking oil (UCO), generating up to 9.72 billion liters annually—about 35 liters per person. However, only 18.5% of UCO is collected, while the majority is improperly discarded.

Where does the majority of the UCO go?

And what are its impacts on human health?

**IN RIVERS,** UCO forms a film on the water's surface, reducing oxygen levels for aquatic life.



**IN YARDS,** UCO pollutes ground waters, degrades soil fertility and harms wildlife.



**OVERUSE OF UCO** increases health risks (high cholesterol, heart disease, cancers, gastrointestinal problems, etc.).

**IN SINKS,** UCO clogs the sewer system.

**UCO IS ILLEGALLY PROCESSED** through filtration or bleaching and reused as new cooking oil. Such practices pose significant health risks.

# UCO Partnership for Zero Waste Schools

**THE BEST SOLUTION** is to collect and recycle UCO into biofuels, as done by our trusted UCO aggregators, reducing the need for virgin fossil fuels and lowering CO<sub>2</sub> emissions.

How do you manage your used cooking oil?



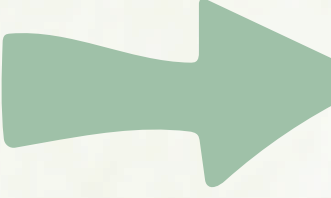
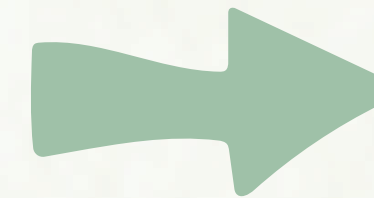
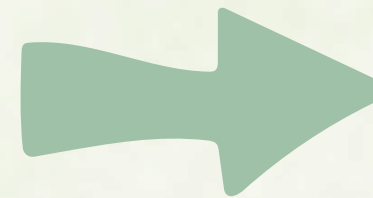
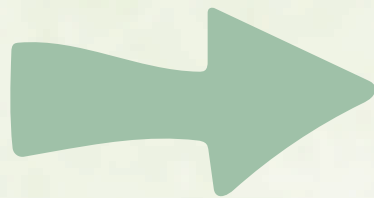
# UCO Partnership for Zero Waste Schools - Steps

You gather  
and donate UCO

UCO aggregator  
picks up UCO regularly  
and recycles it into biofuel

Creating value

Funding our Zero Waste  
School Program



# UCO Partnership for Zero Waste Schools - Benefits

By partnering with us and donating your used cooking oil, you will gain the following benefits:

## Benefits



### **Giving Back to Bali (CSR):**

- Direct impact in your local community by supporting waste management in a nearby school
- Hands-on CSR activities within the school

### **Showcasing Your Impact (ESG):**

- Sustainability and impact reports
- PR content and visuals from the supported school
- Recognition on our social media, website, and promotional materials
- Certificate acknowledging your support of the Zero Waste School Program

### **Empowering Your Team (CSR):**

- Updates on Bali's latest sustainability trends, waste regulations, and best practices
- Optional sustainability and waste management workshops for your team

# UCO Partnership for Zero Waste Schools

Besides donating your used cooking oil you can help by:



- **Financial Support:** Help fund Zero Waste education and eco-friendly school infrastructure.



- **Networking:** Connect us with like-minded businesses and potential partners to expand our impact.

GRAND MERCURE  
BALI SEMINYAK

Viceroy Bali

SIX SENSES  
ULUWATU, BALI

COMO  
HOTELS AND RESORTS

ULAMAN  
ECO LUXURY RESORT

CROSS  
BALI BREAKERS

BLUE KARMA DJIWA  
SEMINYAK

EASTIN  
ASHTA RESORT  
CANGGU

Holiday Inn  
RESORT  
BY IHG  
BALI CANGGU

KAPPA SENSES  
BALI - UBUD

The Oberoi  
BEACH RESORT  
BALI

ULUWATU  
SURF VILLAS

REVIVŌ  
WELLNESS RESORTS

Vivre  
group

LAYDAY

By/Suka

nüde  
BALI

DiNG DiNG  
HOT POT

Drifter  
LUXE

meimei

YUKI  
BALI

AMICI  
BY ENRICO BARTOLINI

ISLAND WOK  
Canggu, Bali

BAKED.

MISS FISH

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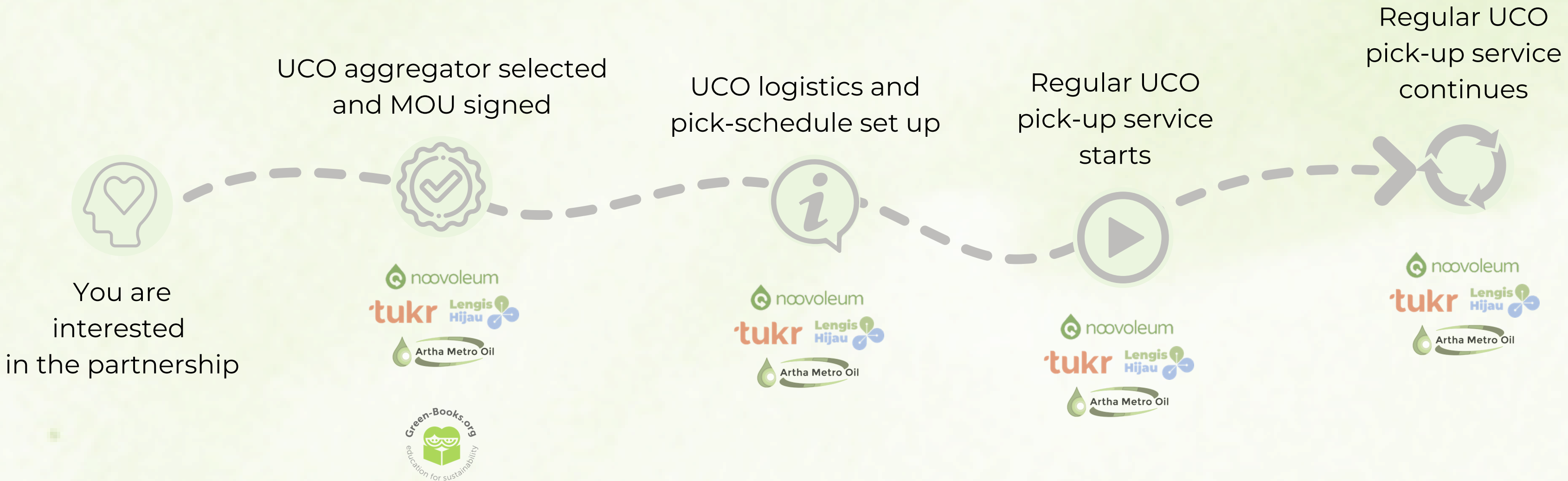
Seed  
FRENCH ASIAN FLAVOR

yogabarn

FUEGO

ALCHEMY

# UCO Partnership for Zero Waste Schools - Timeline



Hurray! From now on, you're supporting the Zero Waste School Program and benefit from:

- Giving back to Bali
- Showcasing your impact
- Empowering your team

# Let's Team Up to Make Bali Cleaner and Greener!

It is a win-win. Together, we'll help to greener your business and transform the waste management habits of Bali's schoolchildren.



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