



Treasure raw materials.



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ALBA TRIDI Plastics Recycling Indonesia

Getting in the Loop: Enabling Conditions for a Circular Economy

ADB HQ, 22 February 2024

ALBA TRIDI Plastics Recycling Indonesia

In 2022, PT ALBA Tridi Plastics Recycling (ALBA Tridi) is formed by the collaboration of German originated and global recycling specialist, ALBA Group Asia, and local plastics recycler, Tridi Oasis Group.



About ALBA Group Asia

The ALBA Group, founded in 1968, is one of the world's leading recycling and environmental services companies as well as raw material providers worldwide.

The ALBA Group Asia has 4 main business units: hazardous waste recycling management, green gas & green fuel technology, smarty city solutions and plastic recycling.

ALBA Group Asia operates state-of-the-art recycling facilities in Greater China and across Asia and employs approximately 750 employees.



PT. TRIDI OASIS GROUP

About Tridi Oasis Group

Established in 2016, Tridi Oasis is a growing recycler of plastic bottles in Indonesia aiming to turn problems into opportunities through city waste recycling.

Tridi is operating a washing line with a capacity of 12,000 ton p.a. and is ambitious to expand the capacity and elevate the product quality for food-grade rPET market.



ALBA Group Asia has 4 business units

More than
1000
employees

4 Main
Business
Units

5
countries
with 18
locations

over
1000
customers



**PLASTICS
RECYCLING**



**SMART CITY
SOLUTIONS**



**HAZARDOUS WASTE
RECYCLING & MANAGEMENT**



**GREEN GAS
TECHNOLOGY**

Tridi Oasis

Turning problems into opportunities



Tridi Oasis is a homegrown Indonesian recycling company aiming to **turn problems** in waste management **into opportunities** through recycling local plastic waste into usable raw materials.

Since our establishment in 2017, we have recycled more than **750 millions** plastic bottles and since 2021, we have started to tackle **low-value** or **hard-to-recycle** plastics. We are transforming and upcycling the low-value plastics into plastic pallets, replacing the wooden pallets, resulting in more than **545 million plastic sachets** have been collected last year.

We have been continuously creating triple bottom line impact since 2017.



Empowering more than 30 informal collection centers

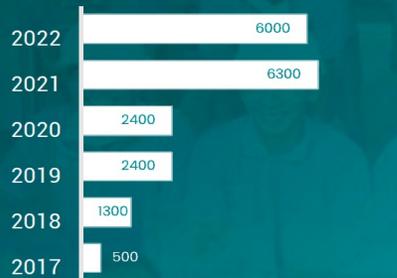


Optimizing our capacity so more plastic waste can be recovered



Continue creating awareness on plastic waste

ENVIRONMENTAL Impact



■ Plastic waste recovered / recycled and back to market (tons/year)

SOCIAL Impact



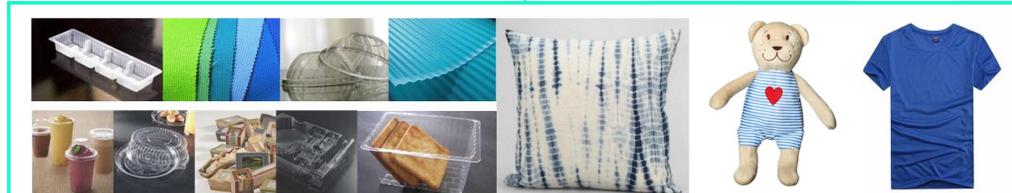
■ Jobs created in local market (# of employees)

ECONOMIC Impact



■ Waste collector income in 2017 – present (in Bio IDR)

The plastic bottle journey into flakes then become new products..



ALBA Tridi Plastics Recycling Indonesia

ALBA Tridi's project is a plastics recycling plant in Kendal Industrial Park producing 36,000 tons of recycled plastics per annum

KEY PROJECT INFORMATION



Capacity

36,000 ton p.a. output



Project Type

Greenfield



Potential Project Site

Kendal Industrial Park



Feedstock

Baled post-consumer PET drinking bottles



Product

1. Food grade rPET pellets;
2. Food grade ready flakes

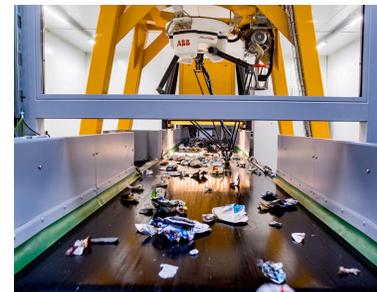
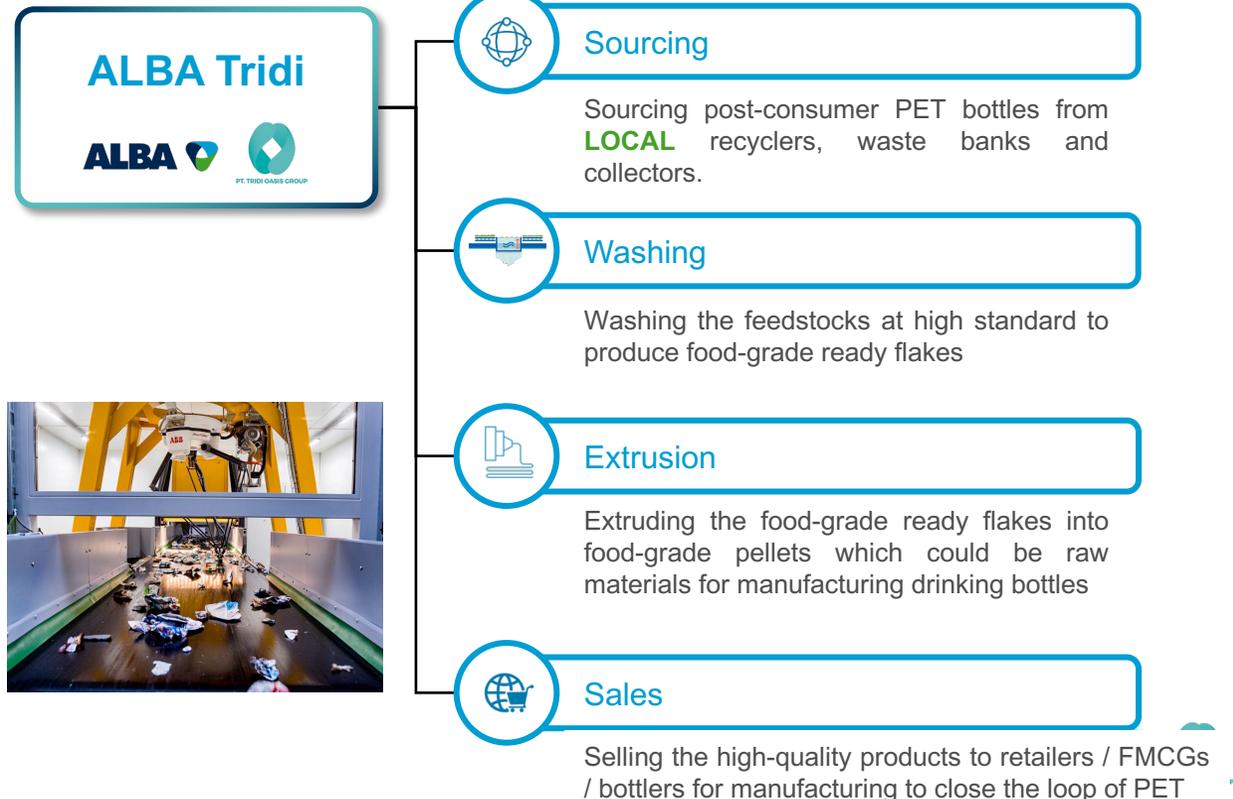


Indicative Investment

c. USD 60M



SCOPE OF OPERATION

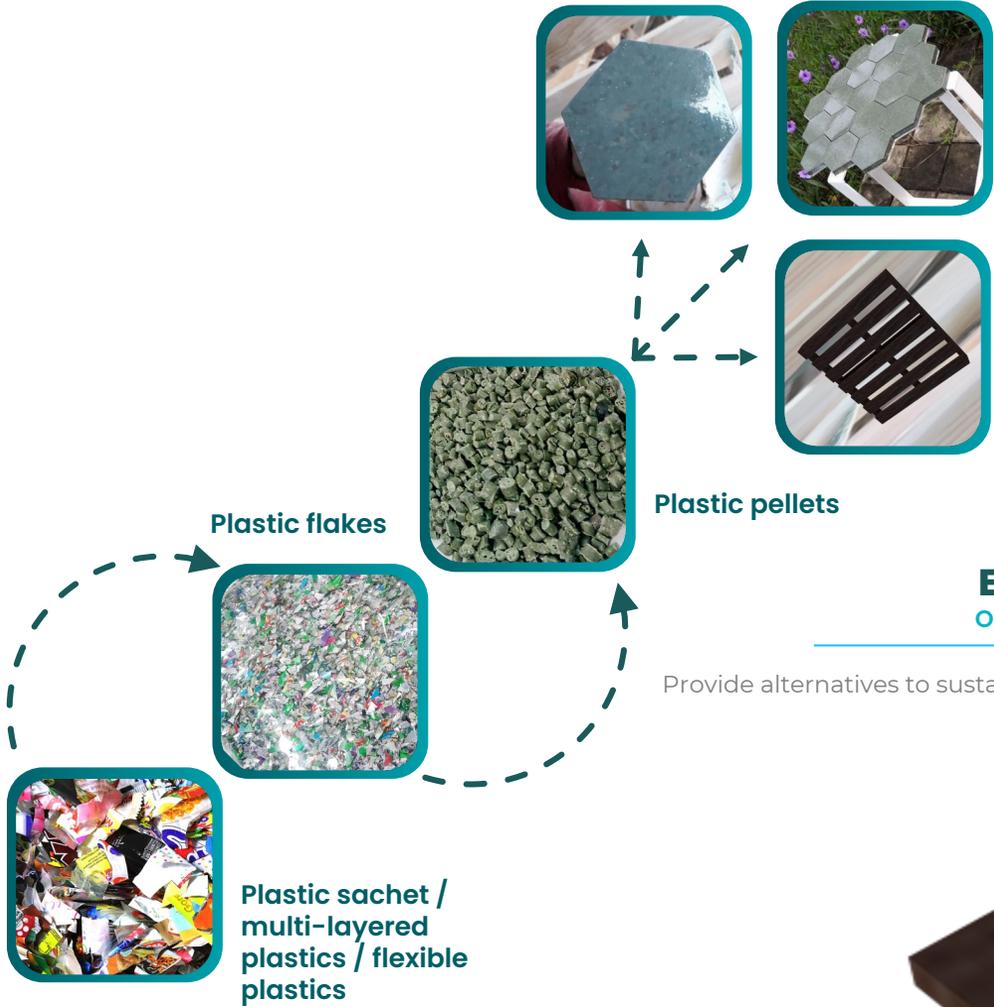


We are looking to explore more collaboration & partnerships and become a strategic sourcing partner of recycled plastics

Production	Product Type	Indicative Volume	Target Buyers	Region
Total Output: 36,000 ton p.a.	rPET Pellets (food grade)	11,000 ton p.a.	Consumer brands F&B and Personal Hygiene	Local & International
	rPET Pellets (Ocean Bound Plastic)	1,000 ton p.a.	Consumer brands F&B and Personal Hygiene	Local & International
	rPET Flakes (Ready to food grade)	20,000 ton p.a.	rPET food grade pellet recycling factory	International
	rPET Flakes (Read to food grade)	4,000 ton p.a.	rPET food grade pellet recycling factory	International



Bringing **more** value to the **low-value** plastics.



100% Made with INDONESIA
Ocean-bound Plastics
 Turning problems into opportunities

Diverting plastic waste within 50km from ocean, and creating income for locals

ECO-PLANK
 Optimum Strength

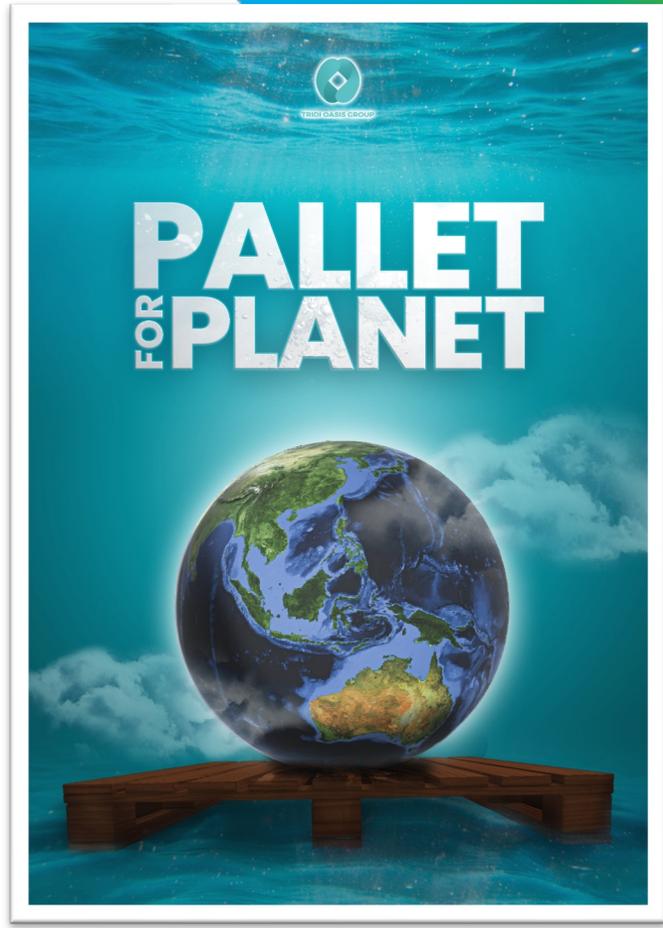
Provide alternatives to sustainable industries



Durability of Fracture
 Low-Maintenance | Waterproof | Rot-Proof

100% Made of Low Value-Plastic Waste
 Multi Layer Plastic (MLP) and other Flexible Plastics (LDPE, PP)

We turn plastic waste in Indonesia into Pallet Logistics with our formula



Plastics Pallets do not require fumigation, and are more durable compared to wood pallets

Buat Bumi:

**Bringing new life
to low-value plastics
in Indonesia**



BAWA PELANG
KEAJAIBANNYA



ALBA



Treasure raw materials.