



ປະຕິຮູບ PATIHOUB

**A Circular Solution for
Plastic Waste in Laos**



WHO WE ARE

- A plastic recycling company based in Luang Prabang, Lao PDR.
- Founded in 2021 by two women, a Lao and a Vietnamese
- A social franchise of ReForm Plastic – a company based in Da Nang, Viet Nam



OUR MISSIONS

- 1) Transform low-grade plastic waste into valuable, durable and recyclable products.
- 2) Reduce plastic pollution in Luang Prabang through incentives for recycling.
- 3) Raise awareness of local businesses, communities and schools on the health and environmental dangers of plastic pollution and the importance of waste separation.
- 4) Create jobs and promote a circular economy in Laos by leveraging existing solid waste collection systems, informal waste collectors, and other stakeholders and partners.



OUR TEAM MEMBERS



Viengvilay Phimmasone

Co-Founder | Director



Serth Phonekeo

Operation Coordinator



Toun Phimmasone

Production Staff



Souk Phimlafanh

Production Staff



Thuy Phuong Nguyen

Co-Founder | Technical Advisor



Onsi

Factory Foreman



Suay

Production Staff





In Luang Prabang

36,500

metric tons of waste sent to
landfill annually

5.2%

average rate of waste is
recycled

2,920

metric tons or 8% of waste is
plastic

Currently most plastic waste is facing these challenges

- No value
- No sorting
- No collection
- No processing

Our solution gives all plastic value and what was once discarded into our environment can now be made into something beautiful





We address these issues through:

Value Creation

Waste becomes a locally used resource in a fully circular system inclusive of the informal sector

Sorting Program

Initiating waste sorting programs with businesses, schools and the city authority to extract more value from waste

Collection Schemes

Providing better ways to collect materials across the city

Value-added Processing

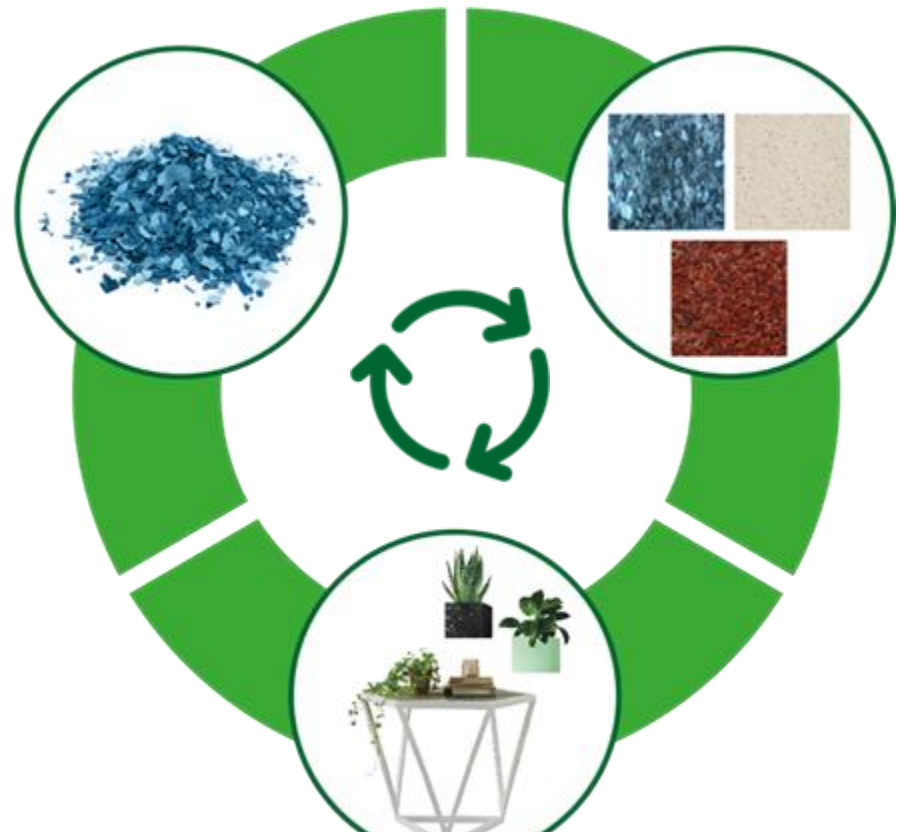
The process is simple and circular. Our products are safe, tested and create an impact



HOW IT WORKS



**LOW-VALUE
PLASTIC WASTE**



OUR BOARDS



OUR BOARDS



STRONG AND DURABLE
Tailored solutions for various degrees of strength, hardness and flex.



WEATHERPROOF
Great for outdoor use in humid conditions; can handle heavy, constant rain.



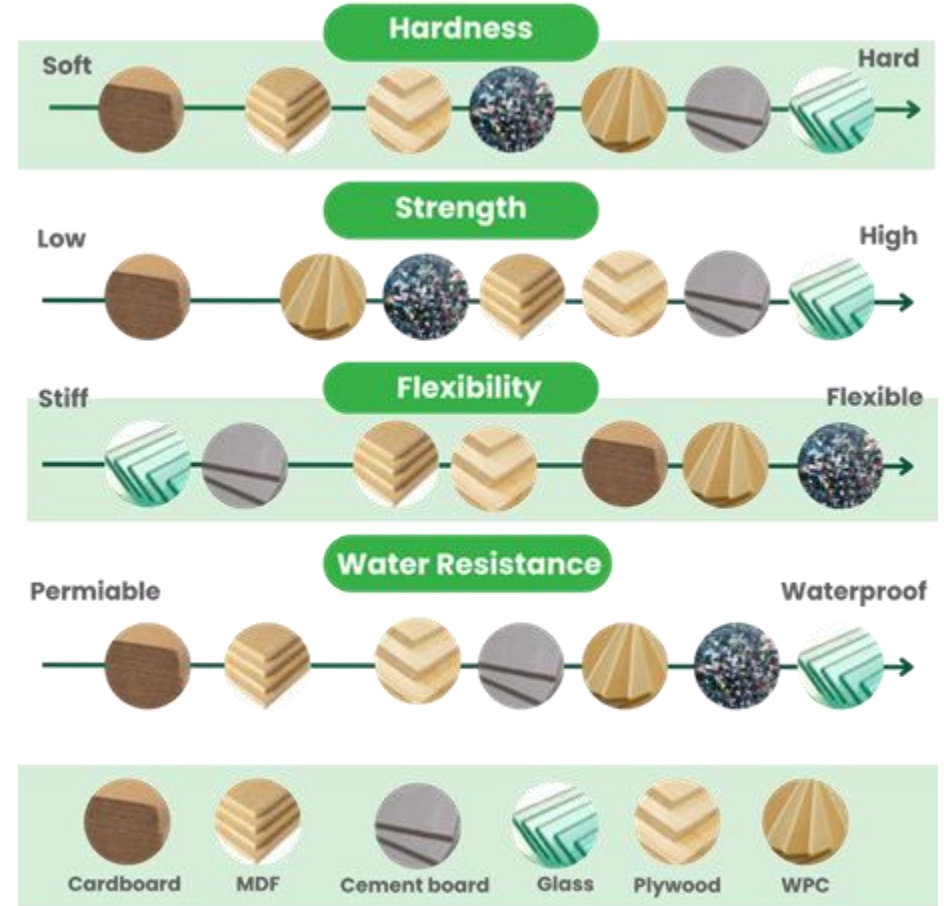
ANTI-MOLD
The non-decomposing polymer base doesn't support mold or bacteria growth.



EASY TO CLEAN
Very easy to clean surface, plastic boards can be wiped and rinsed with ease without special equipment or cleaner.



NON-TOXIC
Careful collection, segregation and processing including two washing and one heat treatment process ensure non-toxic and safe properties.



WHAT CAN BE MADE WITH OUR BOARDS?



- **Furniture:** chairs, tables, shelves, cabinets, etc.
- **Outdoor:** tiles, playgrounds, outdoor tables & chairs, pool lounging chairs
- **Homes:** wall, roof, insulation, etc.
- **Schools & Office:** desks, bins, tables, shelves, lockers, etc.

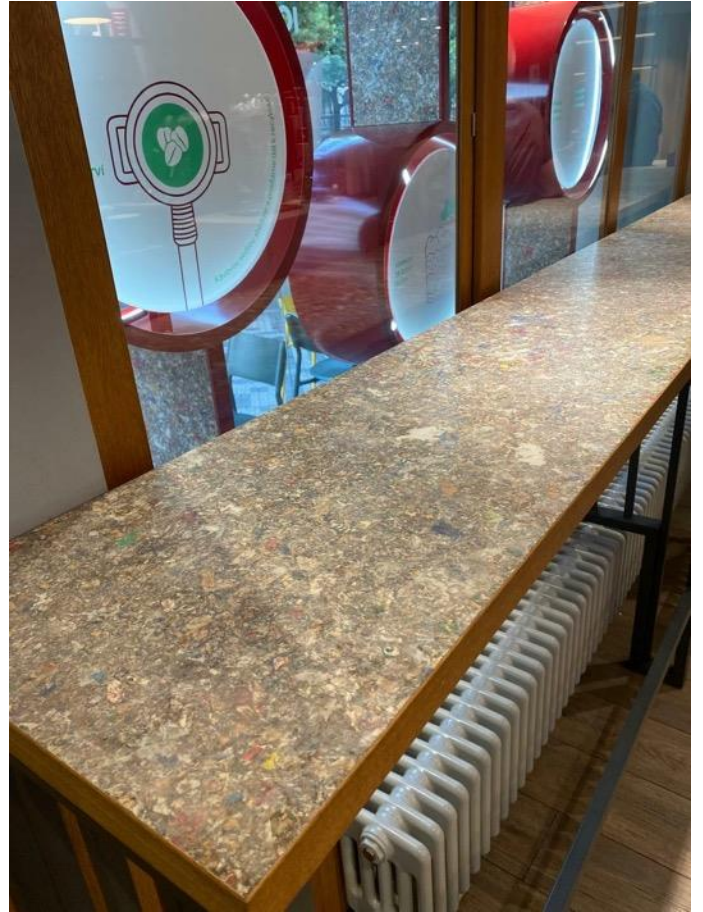
CONSTRUCTIONS





FURNITURE & DECOR







OTHER APPLICATIONS





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Thank you for your attention!

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