

Thinking Outside the Trash!



**Putting circular
economy in action**

MEGA PROBLEMS & CHALLENGES



70% of plastic waste is not recycled globally



11% of global CO₂ emissions due to current construction materials

Sustainable Earth



1.8 GigaTons of biomass waste are not recycled globally



Wood logging has been a major contributor to deforestation & climate change

Sources

- National Geographic, Laura Parker, Dec 2018
- Habitat of humanity, 2015
- Statista.com
- De Figueiredo, *et al.*, Carbon Balance Manage 5, 3 (2010).
- fluxus-prefab.com
- Sci. agric. (Piracicaba, Braz.) 75 (3) • May-Jun 2018

TARGET MARKET

We are targeting **developers** and **contractors** working in green building projects, and projects in affordable housing sector.

\$ 962 Billion

Green Buildings materials market value globally by

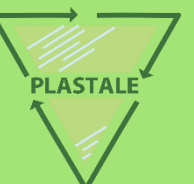
2033

We are targeting **furniture manufacturers** and **interior designers** working on sustainable materials

\$ 84 Billion

Eco-friendly furniture market globally by

2030



Our Solution

Executive Summary

Collaborate with **designers & corporates** to innovate using plastic and agricultural wastes to put circular economy in action

We aim at closing the circular economy loop.

Our mission

Provide holistic dynamic solutions to apply circular economy in fields of recycling, products design and manufacturing.

We see opportunity in fiber waste



And plastic waste of types PP & HDPE

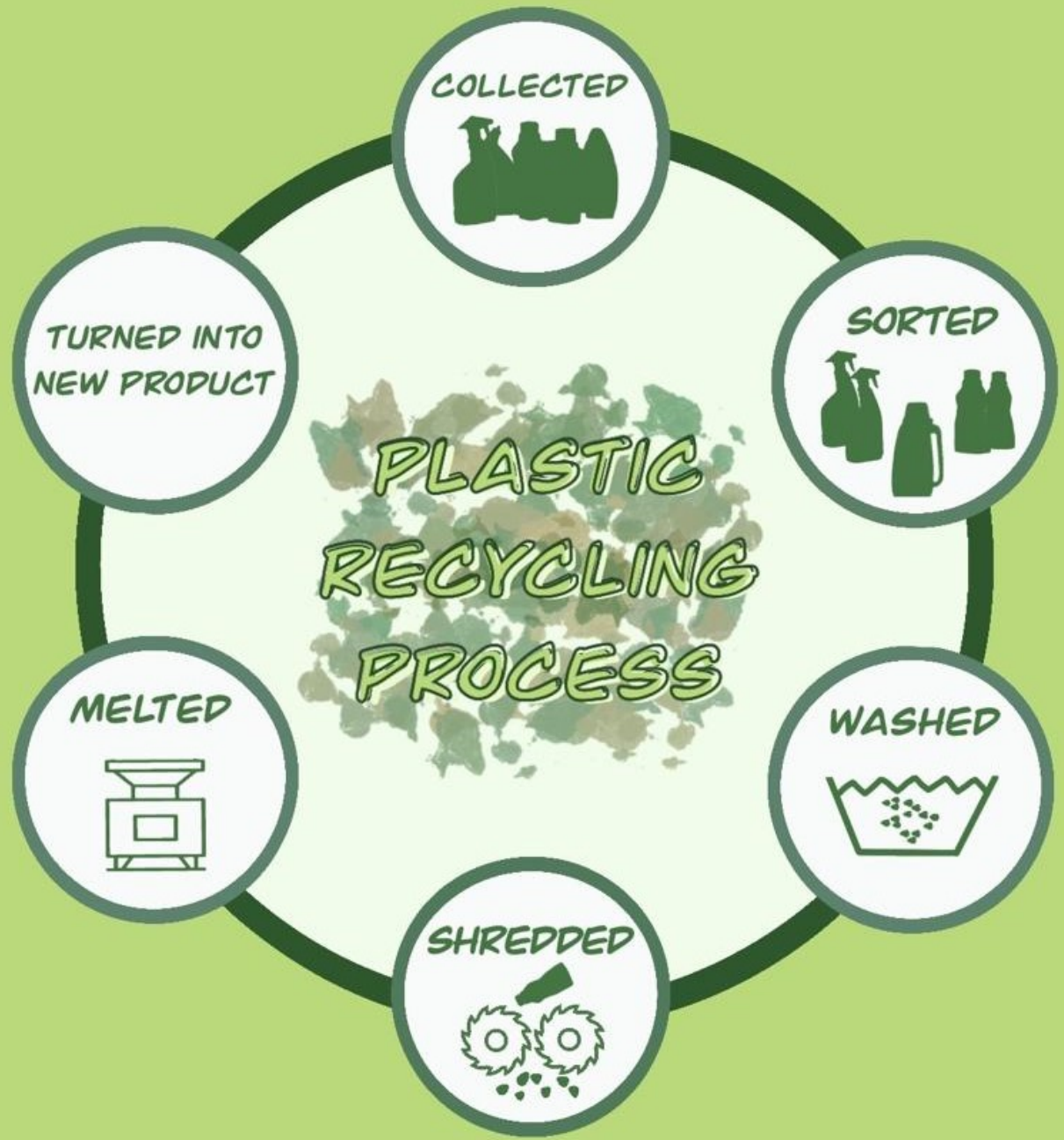
Fibers are cut down and treated



Composite sheet,
Sandwich technique



Unique texture, marble,
terrazzo, mosaic



Primary solutions

- Product**
- Eco-dapt Sheets
- Services**
- Plastic processing
 - R&D, Production
 - Awareness Workshops

End-Products

- Giveaways
- Lifestyle
- Furniture
- Interior Design
- Decorations

8 Tons
Plastic waste recycled

3 k
Products

2
Roofs

\$ 25 k
Revenues by end of 2023 with 6.5 k \$ Investment



Clients & Partners



Engaging rural communities in production.

- Increased income
- New skills attained
- Enhanced sense of responsibility

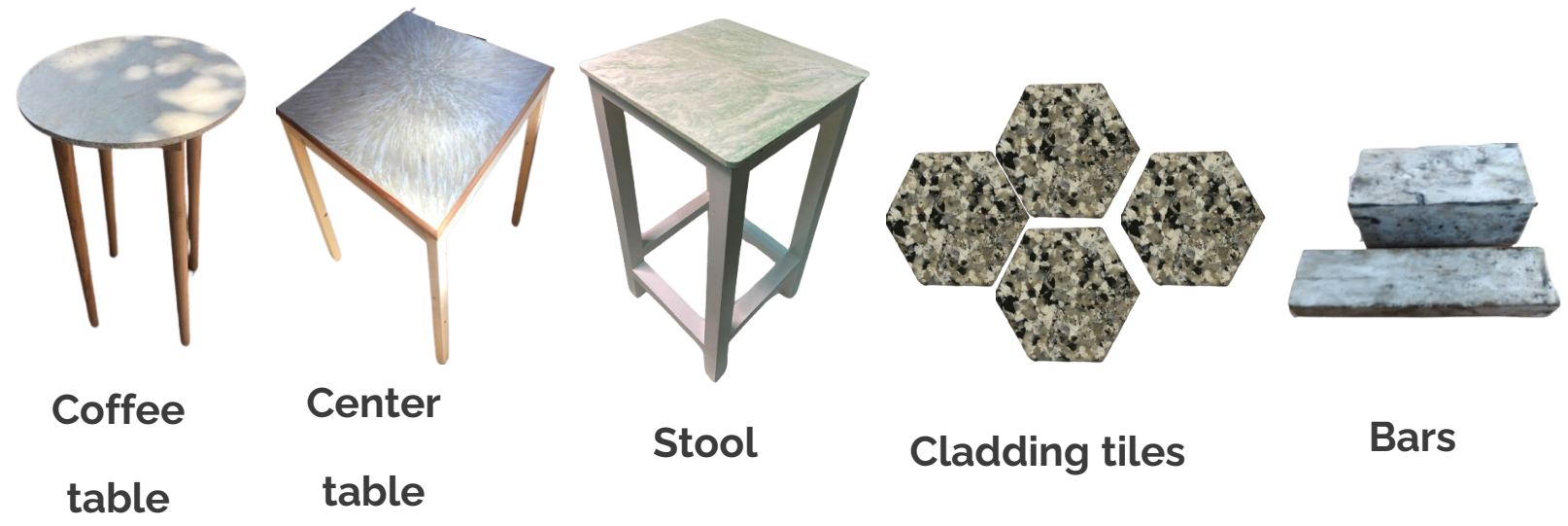
Rooftops & furniture for rural communities and schools

Creating greener communities, empowering unprivileged ones!



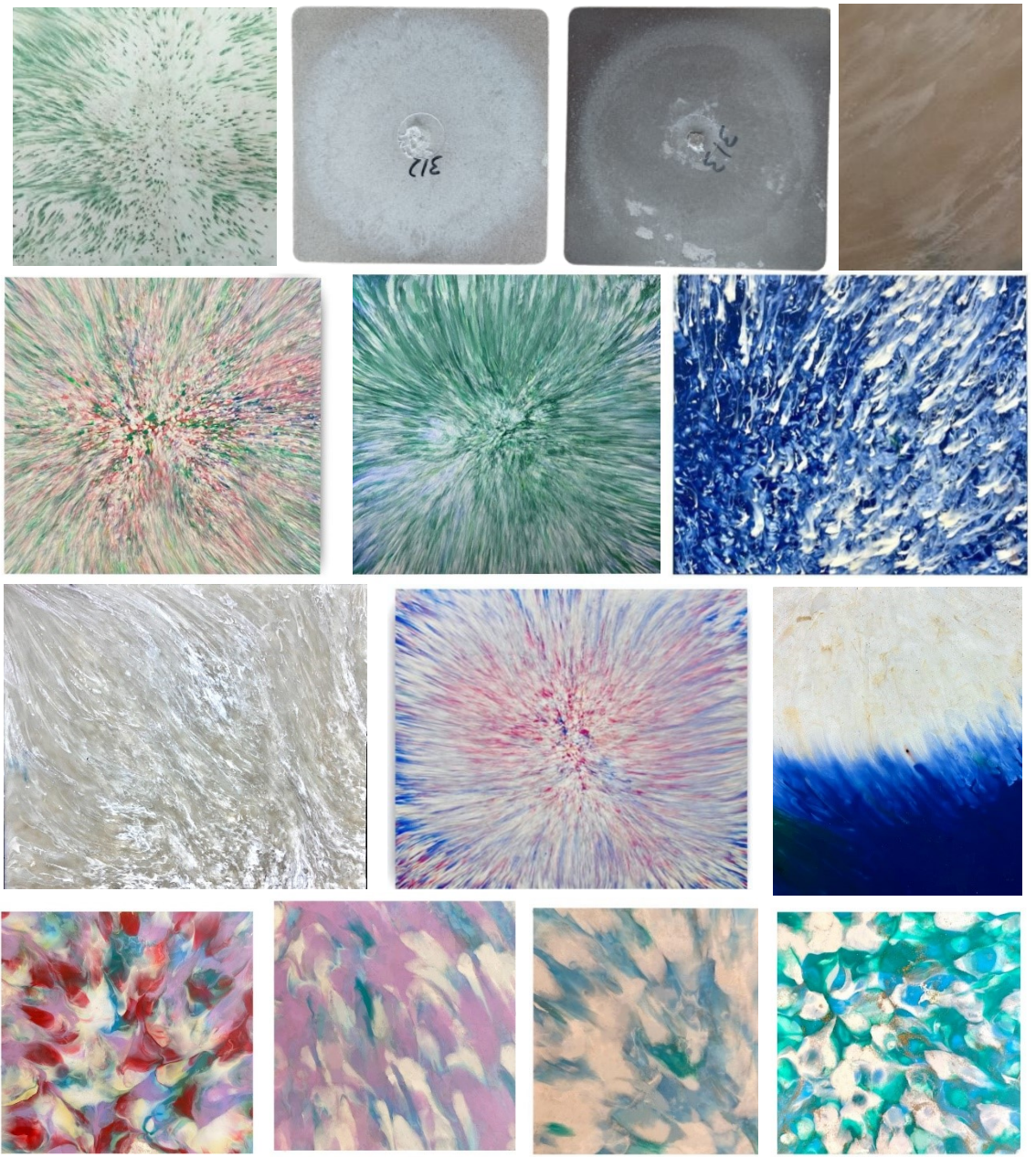
Our Products

Furniture category

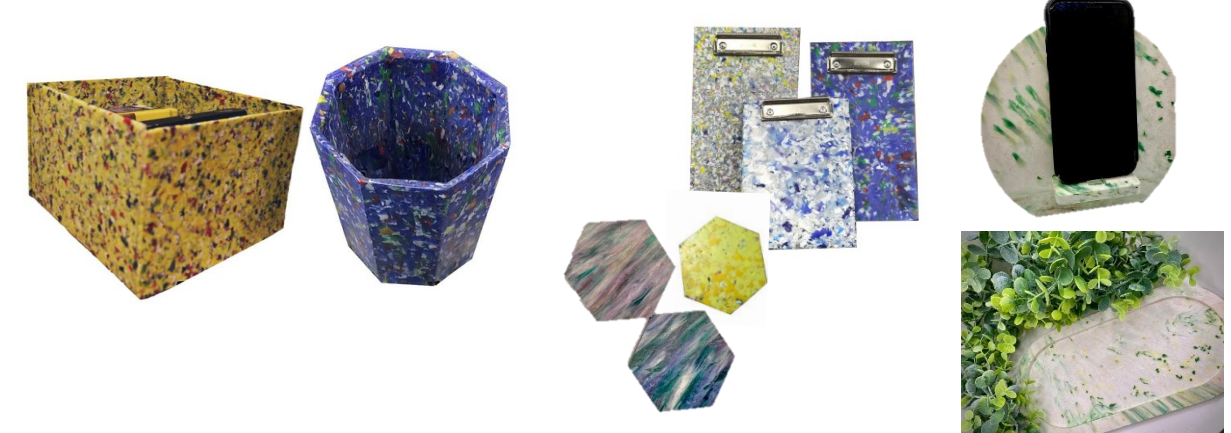


Coffee table Center table Stool Cladding tiles Bars

- Unique color patterns & textures
- Finishing & machining techniques as wood



Decorations & Lifestyle




Storage & packaging Lifestyle products Stationery & Decorations products

Jewelry Upfuse x Nestle



VALUE

 COST-EFFECTIVE AND RECYCABLE

 HIGH STRENGTH

 WATER-PROOF

 HEAT-INSULATED

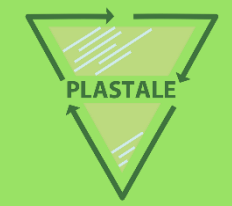
 EASILY-ASSEMBLED

 LIGHT WEIGHT

 FIRE RETARDANT

 LOW CO₂/KG

Sources
 • N.Levinta, Z.Teodorescu, M. et al., SN Appl. Sci. 1, 422 (2019)
 • H.A. Youssef et al., JEPLAX (2009)

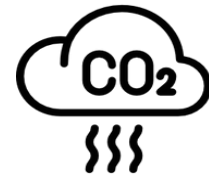




Recycling

49 M

Kg of plastic waste



Reducing

49.3 M

Kg of Co2 emissions



Saving

7.2 M

Kg of oil



Impacting

5 K

Individuals directly and indirectly

Impact 2025

Meeting SDGs & Triple Bottom Line



Our Team



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Advisors

ASK

● EU Market & Certification/Testing Access

● Capital Investment – Pre-Seed Round

500,000 euros

Target sales, 2025

1M euros

Former Finalists in

Part of



THANK YOU

