

CIVIL SOCIETY TAKES ACTION

ECOEMPOWER

EMPOWERING INFORMAL WASTE PICKERS
THROUGH
COMMUNITY WASTE BANKS
AND
SUSTAINABLE RECYCLING INITIATIVES
IN SINDARAYA



Urban Waste: A Growing Challenge

- **Booming Population, Burgeoning Waste:** Urban areas are home to 55% of the global population, leading to massive amounts of waste.
- **Collection Gaps:** Yet, only 60% of these areas have adequate waste management systems in place.
- **Vulnerable Workforce:** This gap forces a reliance on informal waste pickers who face unsafe and unsupported working conditions.



A Sustainable Solution

- **Empowering Workers:** Aims to formalize and support informal waste pickers, providing safe and dignified working conditions.
- **Strengthening Systems:** Aims to improve waste management systems, increasing collection coverage and efficiency.
- **Cultivating Change:** Aims to implement educational programs, raising awareness and promoting responsible waste management practices.





TRI-FORCE STRATEGY: UNLOCKING POWERFUL RESULTS



Community Waste Banks

Empowering Communities,
Transforming Waste



Supporting Waste Pickers

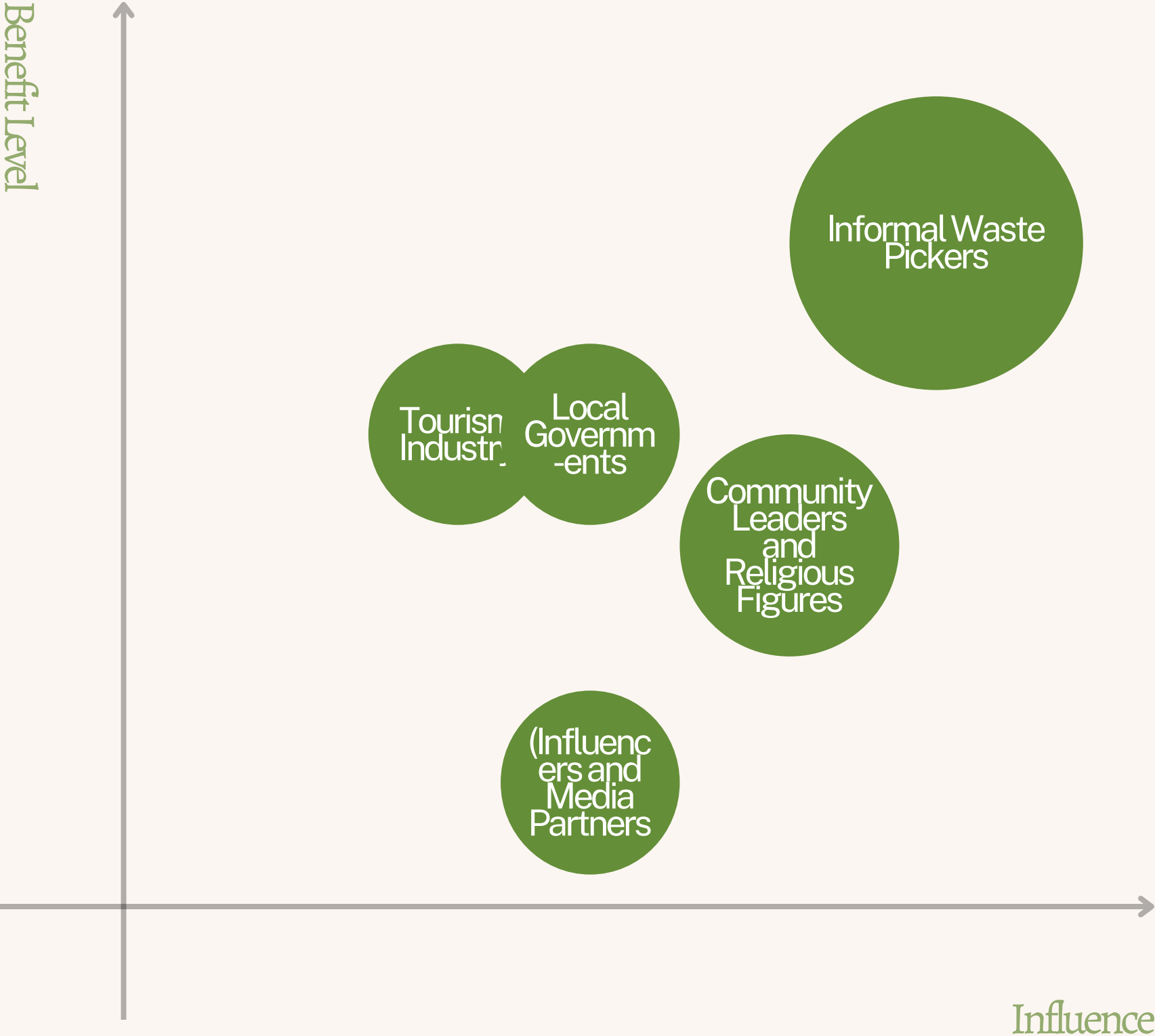
Dignity, Safety, and
Opportunity



Turning Trash into Treasure

Supporting SMEs & Local
Economies

KEY STAKE HOLDERS ANALYSIS



1. Informal Waste Pickers:

The heart of the project: Empowering them with fair wages, safe conditions, and a voice in the process is key to success.

2. Local SMEs and Recycling Facilities:

Turning trash into treasure: These innovators drive the circular economy, creating value from waste and boosting local economies.

3. Community Leaders and Religious Figures:

Building bridges of trust: Their influence ensures smooth implementation, community buy-in, and alignment with local values.

4. Tourism Industry and Local Governments:

Partners for a cleaner environment: They contribute to sustainable waste management, enjoying the benefits of a healthier planet and thriving tourism.

5. Influencers and Media Partners:

A voice for change: They raise awareness, inspire action, and attract crucial support for the project's long-term impact.

Waste Bank

Renovate a pilot waste bank, provide education on proper plastic collection practices, and offer financial incentives to support and protect these essential workers.



Waste Bank



01.

Renovate a pilot waste bank in the key urban area of Sinarahan as a centralized collection point, making it easier for informal waste pickers and the community to dispose of segregated waste.

02.

Bring awareness to the community and informal waste pickers on proper plastic waste disposal and segregation practices.

03.

Offer financial incentives to waste pickers based on the amount and quality of waste they collect, with extra bonuses during peak tourist and before/after monsoon seasons.

Educational Program

A grassroots approach is crucial for cultural change. We will collaborate with local university students to leverage their community insights.

Our NGO will train these volunteers to educate communities on health and safety in plastic collection and promote regular health check-ups for waste pickers. Certificates of completion will both recognize their efforts and encourage more student participation.

01.

Recruit volunteers to lead weekly education sessions on plastic segregation, safety, and health for informal pickers.

02.

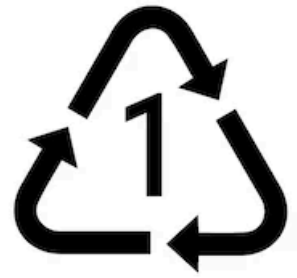
Provide protective gear and health check-ups to waste pickers who complete the program.

03.

Award certificates to volunteers to recognize their contributions and encourage continued participation.



RECYCLING CODES FOR PLASTIC



PETE or PET

Polyethylene
Terephthalate



soda bottles, water
bottles, polyester
film, containers for
food, jars, fibers for
clothing



HDPE or PE-HD

High-Density
Polyethylene



detergent
containers, plastic
bottles, piping for
water and sewer,
snowboards, boats



PVC or V

Polyvinyl
Chloride



window frames,
plumbing products,
electrical cable
insulation, clothing,
medical tubing



LDPE or PE-LD

Low-Density
Polyethylene



shopping bags,
plastic bags, clear
food containers,
disposable
packaging

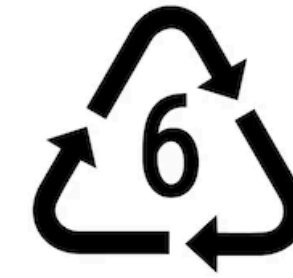


PP

Polypropylene



laboratory
equipment,
automotive parts,
medical devices,
food containers

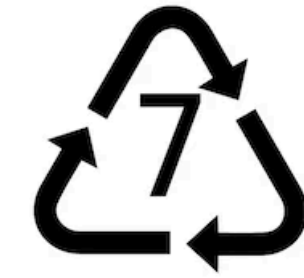


PS

Polystyrene
or Styrofoam



CD and DVD cases,
packing peanuts,
single-use
disposable cutlery,
trays



0 or N/A

Other



baby feeding
bottles, car parts,
water cooler bottles,
sippy cups





Repair work



Heavy objects



Broken glass



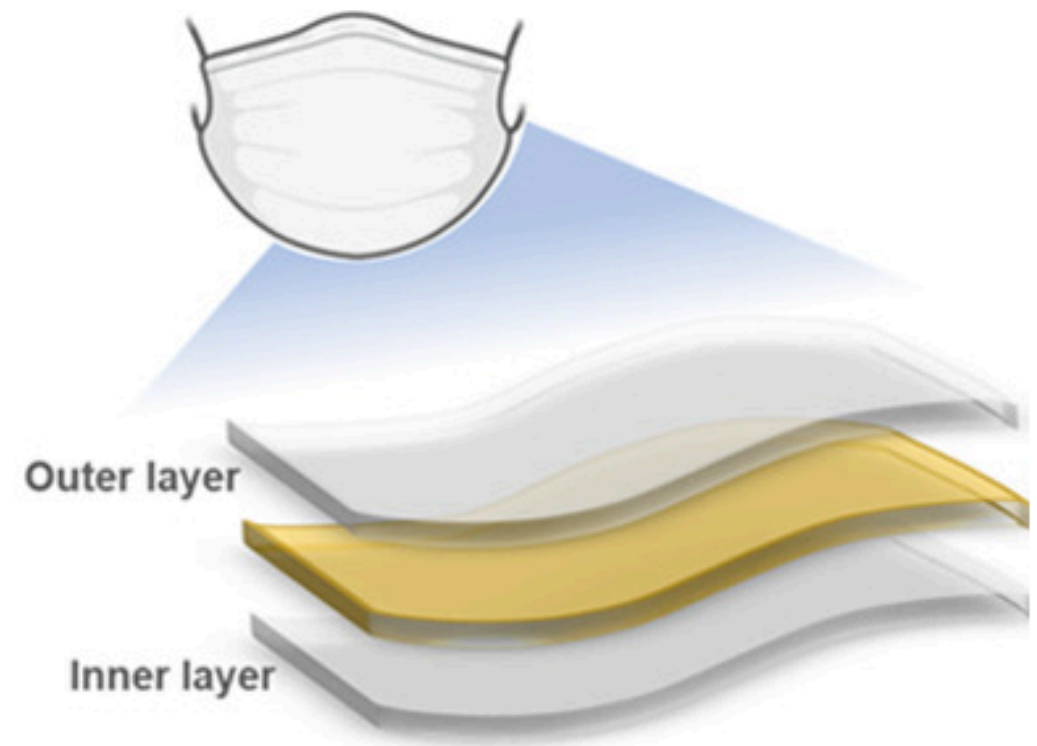
woodworking



Cutting



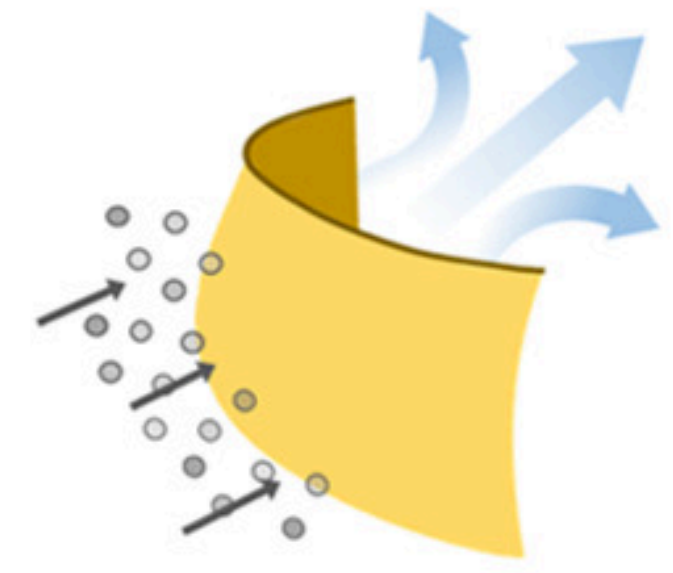
Gardening



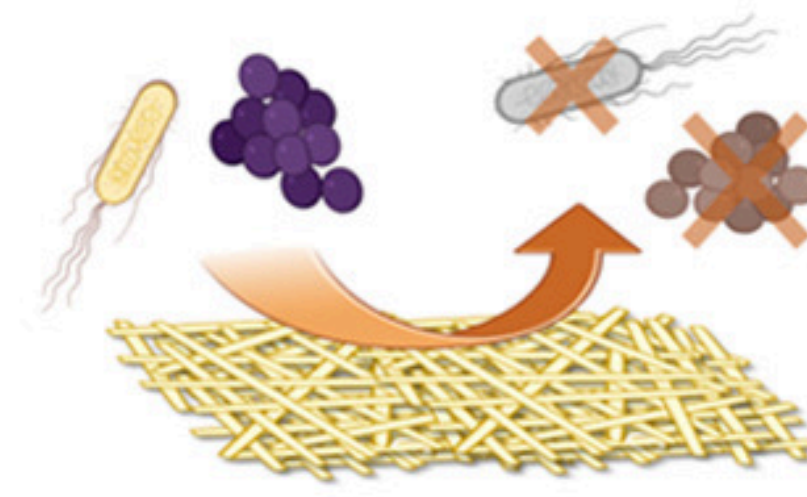
Outer layer

Inner layer

To effectively prevent inhalation of microplastics and virus transmission, multi-layered filtration masks should be worn snugly over the nose and mouth, with each layer providing a barrier that traps particles and pathogens.



Air purification



Anti-bacterial

Collaboration with SME

To ensure the success and sustainability of the waste bank initiative, we will partner with local Small and Medium Enterprises (SMEs) to create a robust value chain for recycled plastics.

These SMEs will play a vital role in transforming the segregated plastics collected by the waste bank into marketable, eco-friendly products.

01.

Partnering with SMEs to create economic opportunities by turning segregated plastics into sustainable products like crafts and souvenirs, promoting green entrepreneurship.

02.

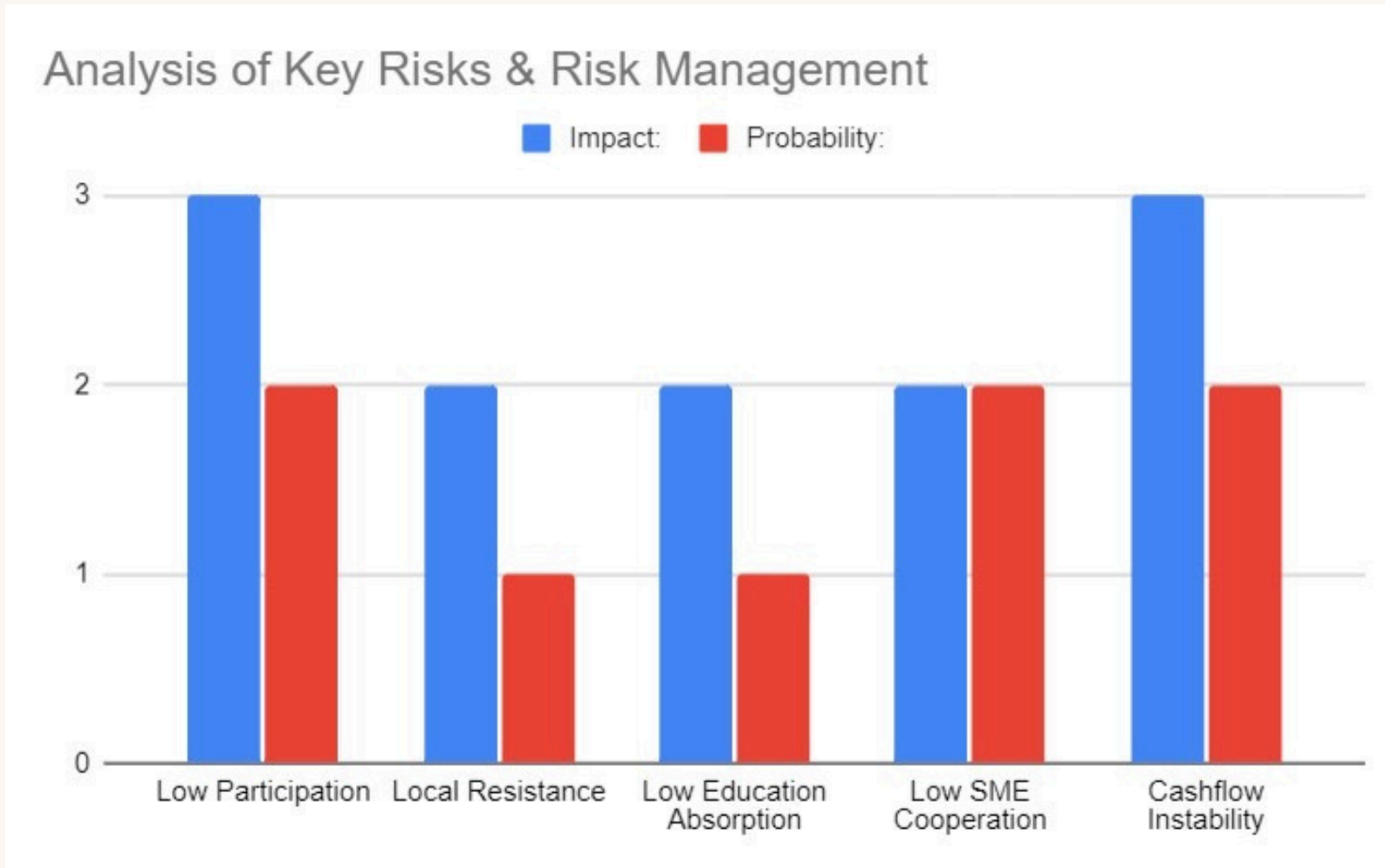
Establishing a circular system where waste is continuously recycled into new products, reducing landfill and ocean pollution, with SMEs playing a key role.

03.

Creating stable income for waste pickers by setting price guarantees with SMEs, encouraging participation and fostering long-term partnerships.



KEY STAKE HOLDERS ANALYSIS



Low Participation

- financial incentives
- protective gear
- **outreach**

Local Resistance

- community engagement & involvement
- involve local leadership & governance

Low Educational Absorption

- comprehensive safety training
- involve local stakeholders

Low SME Cooperation

- exclusive partnerships
- government advocacy

Cashflow Instability

- collaboration with local institutions to lend credibility
- price guarantees & co-financing



EXPECTED IMPACTS



Plastic Waste Reduction

- Reduce plastic waste by enhancing recycling efficiency and waste management, which will protect ecosystems and biodiversity.
- This will also boost the country's appeal for sustainable tourism, while benefiting both communities and the environment.

Improved Public Health

- local communities can enhance environmental awareness, leading to broader improvements beyond plastic management.
- It also reduces the risk of disease for local communities, including children, helping them grow up in healthier conditions and ultimately benefiting society as a whole.

Economic Opportunities

- Convert waste into valuable products, minimizing waste and reducing costs associated with plastic waste management.
- Develop income streams for local SMEs and recycling facilities by selling recycled products and implementing efficient plastic waste collection methods.

CONCLUSION

- **Civil societies play a crucial role in supporting informal labor, with a primary focus on improving their lives.**
- **Through the establishment of a pilot waste bank, the provision of educational programs, and collaboration with SMEs, we aim to significantly reduce plastic waste while enhancing health and economic conditions across Sindaraya.**
- **However, it is important to acknowledge that civil society organizations rely heavily on external financial support, and the initiation of small pilot projects involves inherent risks.**
- **We therefore call upon all stakeholders, including the national government and our partners, to join us in this vital effort. Together, we can transform the lives of informal workers and contribute to a more sustainable and prosperous future for Sindaraya.**



CIVIL SOCIETY TAKES ACTION

THANK YOU

