

EndPlasticSoup – Indonesia, Lombok: Harvest Plastic for Pyrolysis

Adopt a village on Lombok for a sustainable waste collection

→ 1,250 USD enables 1 village to be trained, implemented and managed

→ Please contact us: endplasticsoup@gmail.com

Funding goal: Household waste collection for 24 villages in Lombok

Total budget required: 30 K USD

Summary

Lombok is an island of pristine beauty, poverty and rampant plastic waste. Here, a root cause of plastic waste is consumption with little to no waste management infrastructure. But that is magnified with millions of kilos of plastic exported from the West.

Geo Trash Management seeks to process 500 tons of plastic waste per day with a pyrolysis system that complies to the stringent European Union emission standards. The goal is organize sustainable household waste collection to reduce marine pollution, stop toxic open burning, educate the young people, bring dignity to village communities and support local economy with jobs and technical training.

Club donations:

- **Silver:** 1,250 USD enables 1 village to be trained, implemented and managed.
- **Gold:** 2,500 USD implement 2 villages.
- **Platinum:** 5,000 USD implement 4 villages.

Project overview:

- Organize (train, implement, manage) household waste separation and plastic collection for initially 24 villages to be extended to 48 villages (300 households/village) throughout Lombok in the next 2 years, for areas and households that do not have paid collection service.
- The plastic waste will be collected (bi)weekly and transported by GTM to the pyrolysis plant that processes the plastic waste to create oil products.
- NGOs Wise Steps and Harvest Plastic Lombok will manage the training, implementation and sustainable operation. Local ECO Heros will be selected to ensure the success and continuity.
- GTM ensures payment of 2000 IDR/kilo plastic waste. A plastic credit system is being used to ensure additional revenue for the villages to ensure sustainability and extension to 48 villages.
- RC Mataran , Lombok will provide education materials for primary school teachers to educate children (age 6-12) in these areas and will assure the implementation process and ongoing operation to complete the project for 48 villages.

- RC Bali Action, the EndPlasticSoup Ambassador Club in D3420, will manage and administer the financials, and supports the reporting.
- Measurement: number of participating households, number of people reached, number of volunteers and paid staff, number of kilos plastic collected.

Impact:

1. Reduced health risks by eliminating toxic open burning of plastic and minimizing disease that breeds in plastic waste.
2. Prevent plastic pollution from entering the ocean.
3. Training to initially 7,200 and in total ±14,400 households in Lombok on waste sorting and reduction.
4. Education to children to become aware, become motivated for a zero-waste economy and inspire their parents toward less waste and a healthy life style.
5. Composting to improve soil and enable growing local vegetables.
6. Restore dignity and pride through cleaner communities.
7. Additional income: 14,400 households, about 43,000 people, will gain some additional household money: about \$2 USD per month (2000 IDR per kilo plastic is the same rate of a landfill waste picker).
8. The Buyback financing process finances growth, to add new villages after the implementation of the first 24 villages.
9. Buyback and recognition enable the continuity of the collection process including the (bi)weekly plastic transport, making the project sustainable.
10. This project can be an example for other regions in Indonesia and abroad.

<https://endplasticsoup.org/project-pyrolysis-lombok-indonesia/>
<https://www.geotrashmanagement.com/>



GTM recycles a huge variety of mixed plastic