



PARTNERSHIP FOR CIRCULAR VALUE CHAINS IN ADDIS ABABA

Joint solutions for resilient economic growth

Addis Ababa as Ethiopia’s capital and economic powerhouse is experiencing fast population growth, to a large part from people drawn to the city by its economic opportunities. The city’s slowly developing infrastructure struggles to manage the increasing amount of waste generated. This causes many challenges, with inefficient waste collection and management leading to pollution of life supporting natural resources, increased risks of flooding through clogged drainage channels, in addition to the loss of economic resources. Plastic waste in particular is causing long-term environmental harm. The challenge is even set to aggravate over the next years, with projections showing a 24% increase in waste generation by 2025.

STEWARDSHIP FOR A CIRCULAR ECONOMY

Natural resources stewardship means that all users of natural resources take responsibility for the shared resources nobody owns but everybody relies on. Forming partnerships, public sector, private companies and civil society work together on eye-level to ensure the sustainable management of natural resources.

Under the current waste management system in Addis Ababa, valuable resources are lost in landfills and burned, additionally causing air pollution. Effective and efficient waste management is vital to build resilient cities, but cannot be achieved by a single stakeholder. By bringing plastic waste collectors and recyclers together with key public institutions and civil society, collective long-term solutions for a more effective waste management system can be developed, protecting natural resources and contributing to resilient economic growth.

PARTNERSHIP FOR CIRCULAR VALUE CHAINS IN ADDIS ABABA

The multi-stakeholder partnership is active since 2020, with members from public agencies, policy makers, private recyclers and civil society organisations. It focuses on protecting water bodies and other natural resources from pollution, while creating and safeguarding jobs in plastic waste management. Through creating business linkages, provision of trainings for small and micro scale enterprises on business skills, and provision of plastic waste management equipment among others, partners aim at promoting and supporting circular value chains.



Improperly managed plastic find its way to water bodies through drainage channels and direct dumping.



Duration	2020-ongoing
Partners	<p>Government Institutions:</p> <ul style="list-style-type: none"> Ethiopian Environmental Protection Authority (EPA) Addis Ababa Cleansing Management Agency <p>Private Sector</p> <ul style="list-style-type: none"> Coba Impact manufacturing PLC EKT trade and investment PLC NN recycling ANEGA Energies Kubik Solid waste collectors associations <p>Civil Society Organisations</p> <ul style="list-style-type: none"> Centro Internazionale per la Famiglia (CIFA) Onlus PETCO Irish Aid
Objective	Safeguarding water and other natural resources in Addis Ababa by promoting a circular plastic value chain
Partner contributions	Irish Aid: € 50.000

PARTNERSHIP RESULTS

- Alignment of stakeholders on joint activities along the plastic value chain, increasing the efficiency of waste management in the city and reducing environmental pollution
- Safeguarded more than 570 waste collectors' jobs through provision of personal protective equipment and trainings on safe waste collection and disposal
- Improved working conditions for 250 female waste collectors through training on safe waste collection
- Enhanced recycling capacity of businesses through training 80 members of plastic collecting enterprises on correct identification and sorting of plastic waste
- Increased efficiency of the plastic value chain by creating a market linkage between waste collectors and the upcycling company Kubik, improving collectors' income
- Increased PET plastic recycling through the design and prototype development of a manual baling machine, which incentivizes collection of plastic, as baled plastic achieves higher prices and is easier to transport
- 20 manual baling machines produced and provided to 20 waste collecting small and medium enterprises (SMEs) across the city

- Creation of business to business linkages among companies involved in the plastic value chain
- Sensitization of more than 300.000 pupils about proper waste disposal

"The business skills training has helped our association a lot in managing the finances and growing our business. I personally learned how to keep track of my expenses, negotiate better prices, and market my services to potential clients in the city. I feel more confident in running my own business now and can make my contribution to reduce the environmental impact of plastic waste."

Tamene Tizazu, Tamene and his friends Plastic Waste Collection Association



Improved plastic collection, separation and re-/upcycling



Manual baling machines prototyped under the partnership were handed over by the mayor of Addis Abeba, Mrs. Adanech Abiebie, to support waste collectors across the city.

ABOUT NATURES

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