



CIRCULAR PLASTIC AND ORGANIC WASTE MANAGEMENT INITIATIVE

STRATEGIES

Sustainability

CHALLENGE

Renewable energy and responsible consumption

DESCRIPTION

Plastic pollution represents a threat to Cartagena's ecosystem. The city has 120km² of nearshore estuaries and its bay holds one of the most unique coral reefs in the world (Varadero Coral Reef), both ecosystems are vulnerable to multiple types of plastic pollution that damage ocean wildlife.

The impacts of fighting plastic pollution can be enormous in terms of preserving marine wildlife and represents a unique opportunity for innovation through the implementation of nature-based solutions. In 2022, the United Nations Environment Program will begin a large multi-stakeholder effort to reduce plastic pollution in the city. Significant revenue (for the people, businesses and the planet) will result from fighting ocean plastic pollution.

At the same time, waste separation efforts will also create the opportunity for biogas production from organic waste. An organic waste-to-energy composting plant can reduce the cost of fuel for the Bus Rapid Transit (BRT) system and lower its operational costs.

KEY PERFORMANCE INDICATORS

- ▶ Zero styrofoam use
- ▶ 100% of collected and recycled plastic
- ▶ 100% of recycled or reused glass waste
- ▶ A composting plant creates biogas for the BRT system





PROJECT LEADER

General Secretary

CLIMATE EMERGENCY



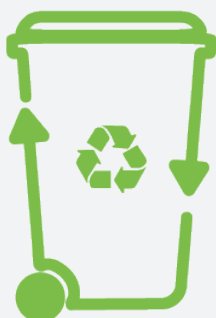
IMPACTS EXTREME POVERTY



CAN INCLUDE A POWERFUL
GENDER PERSPECTIVE



CAN INCLUDE A POWERFUL
ETHNIC PERSPECTIVE



BENCHMARK PROJECT (FOR REFERENCE)

Reciclene, located in Bogota, Colombia. This is a company specialized in plastic recycling

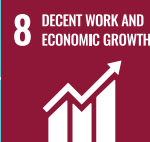
<https://reciclene.com/>



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SUSTAINABLE DEVELOPMENT GOAL IMPACTED



Promote sustained, inclusive, and sustainable economic growth, full and productive employment, and decent work for all



Guarantee sustainable consumption and production patterns

NUMBER OF SDG INDICATORS IMPACTED



Alcaldía Distrital de
Cartagena de Indias



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