

ACCELERATING THE CIRCULAR ECONOMY IN SENEGAL WITH PLASTIC CREDITS

Deekali Plastic Recovery West Africa: Recycling, Reuse, and Community Action

SENEGAL, WEST AFRICA | COORDINATED BY AFRICA CARBON & COMMODITIES (ACC)
 CERTIFIED WITH VERRA'S PLASTIC WASTE REDUCTION PROGRAM | ID 2720

From 2016 to 2022, the Verra-certified Deekali Plastic Recovery West Africa Project (Deekali Project):

 <p>COLLECTED 3,171 TONNES</p> <p>of plastic waste</p>	 <p>RECYCLED 4,296 TONNES</p> <p>of plastic waste</p>	 <p>SUPPORTED 150 LOCAL JOBS</p> <p>including jobs for more than 75 women</p>
--	---	---

About

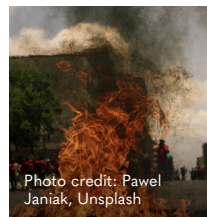
As Africa's first Verra-certified plastic waste collection and recycling project, the Deekali Project is also the first one located in a least developed country (LDC). The project is expanding regional plastic waste management infrastructure, while supporting local communities.

Why does Senegal need the Deekali Project?

<p>~250,000 tonnes</p> <p>of plastic waste is generated in Senegal each year¹</p>	<p>82%</p> <p>of this is mismanaged²</p>	<p>And only 11%</p> <p>of this is recycled</p>
--	--	---

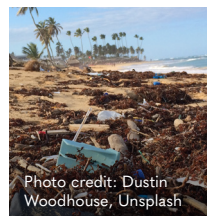
By 2025, it is projected that **700,000+ tonnes** of Senegal's plastic waste will be mismanaged. There is no regulated system for sorting recyclable household or business waste. Public waste systems are also underfunded, and waste collection trucks do not reach many villages. With no alternative option, waste is often deposited on or near waterways, where it makes its way to Senegal's 531 kilometers of coastline, significantly contributing to ocean plastic pollution.

Before, plastic waste in Senegal ended up:



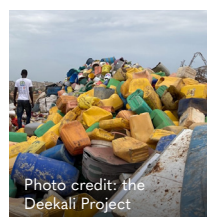
BEING OPEN BURNED

Burning plastic waste harms human health and creates toxic air pollution.



ON BEACHES AND IN CANALS

Plastic waste damages delicate mangrove ecosystems, which are home to endangered species like manatees and turtles.



IN DUMPS AND UNTREATED LANDFILLS

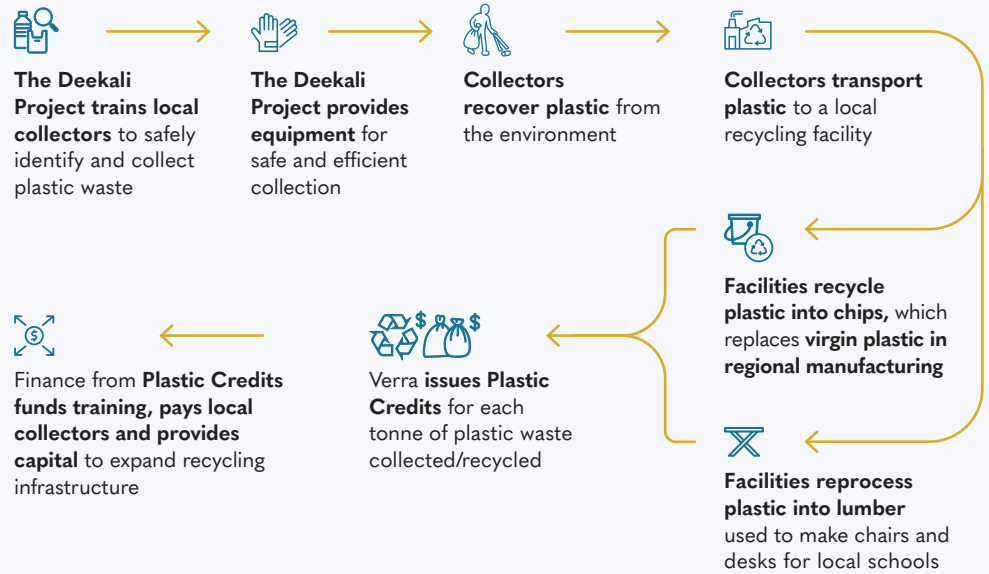
Unlined dumps leak microplastics into soil and local waterways, which depletes soil nutrients and impacts the food chain.

¹ Source: 2021. Study commissioned by Promoged of the Ministère de l'Urbanisme, du Logement et de l'Hygiène Publique prepared by Mr. David Dupre le Tour.

² Source: <https://www.science.org/doi/10.1126/science.1260352#T1>

How does the Deekali Project work?

The project was developed by Africa Carbon & Commodities and is certified with Verra's Plastic Waste Reduction Program.



Finance from the sale of Plastic Credits scales the Deekali Project's, resulting in these positive impacts:

IMPROVED LIVELIHOODS FOR COLLECTORS

Women's groups and low-income communities are now able to earn up to twice the average wage of a local laborer.

LESS WASTE IN NATURE

Placing an economic value on plastic waste incentivizes the collection of plastic waste from the environment.

INCREASED CIRCULARITY

Regional manufacturing is increasingly using recycled plastic chips.

Plastic Credit finance will help the Deekali Project to:

- Develop a local household waste segregation system
- Purchase energy-efficient recycling equipment
- Create local jobs and provide a better income for collectors
- Scale collection and recycling capacities
- Increase the supply of recycled plastic chips and granules for regional manufacturing

Africa Carbon & Commodities runs the Deekali Project in partnership with local organizations:



VIEW PLASTIC CREDITS AND PROJECTS
registered with Verra's Plastic Program at registry.verra.org



SCAN TO LEARN MORE
about Verra's Plastic Program or go to verra.org/programs/plastic-waste-reduction-standard