

PROJECT FACT SHEET

ADVANCING CIRCULAR ECONOMY(ACE) FACILITY

Keep Dominica Plastic Waste Free (ACE_CfP1#002): Recycling of locally sourced plastic waste into sustainable products to be sold on the island.

Project duration	36 months
Country	Dominica
Lead organisation	GPBO bv (The Great Plastic Bake Off)
Partners	Dominica Solid Waste Management Corporation (DSWMC), Maxroy Trading Co. Ltd (MTC) - local retailer, FUSE Caribbean

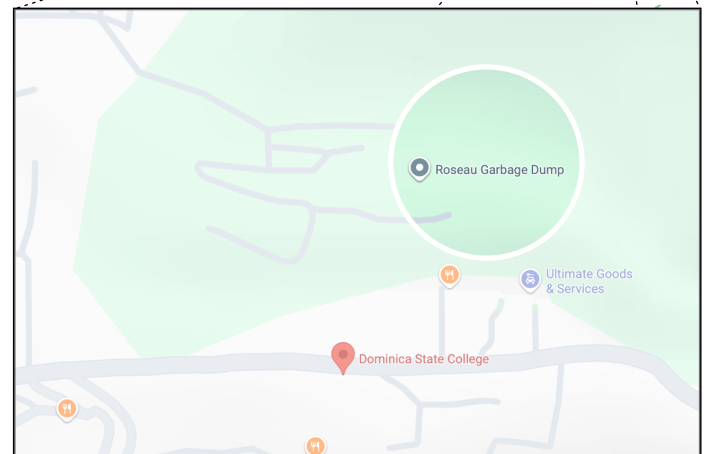
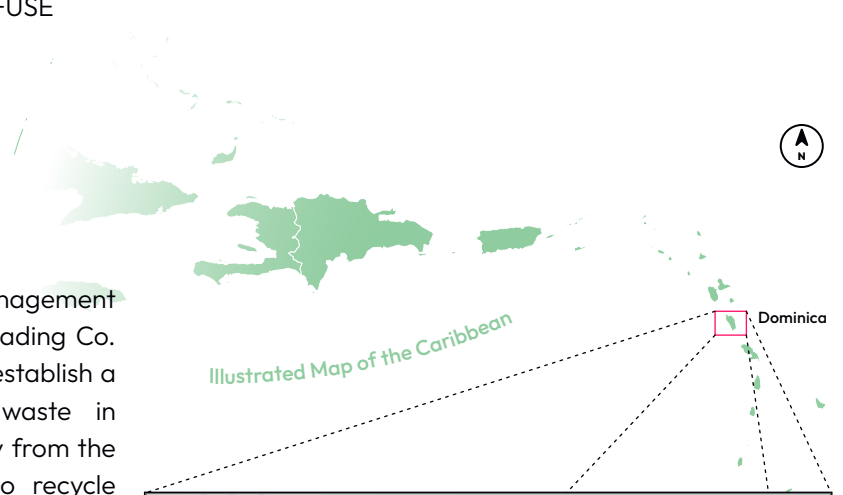
Total project costs	\$900,013.36
ACE Facility grant	\$449,996.07
Match funding	\$450,017.29

All currency is stated in USD.

PROJECT SUMMARY

Together with the Dominica Solid Waste Management Corporation (DSWMC), local retailer Maxroy Trading Co. Ltd (MTC), FUSE Caribbean, and GPBO bv will establish a waste-to-product value chain for plastic waste in Dominica. The project brings proven technology from the Netherlands and Caribbean best practices to recycle locally collected plastic waste into sustainable circular products sold at local retailers. This reduces marine litter, improves biodiversity, stimulates the local economy through job creation, and provides alternatives to imported lumber or cement.

The initiative strengthens DSWMC's existing collection system through education campaigns and source separation methods. This scalable, replicable model demonstrates that local plastic recycling is economically feasible while delivering positive social, economic, and environmental impacts, serving as a catalyst for regional adoption.



Project location: Fond Cole Sanitary Landfill, Dominica





The Space and Plastics available for the Fuse Kitchen

KEY IMPACT & INDICATORS

180 tons of marine plastic collected & recycled annually

1 processing facility constructed and equipped

45,000 products manufactured (2,500/month for 18 months)

30,000+ products sold to retailers annually

500+ products/month used for construction projects

5 new partnerships promoting circular economy

115+ persons actively participating in implementation

10+ decision-makers trained in circular economy

4 knowledge-sharing activities per year documented

3 strategic plans developed (product, communications, engagement)

CARIBBEAN BIODIVERSITY FUND

The Caribbean Biodiversity Fund (CBF) is a regional umbrella environmental fund dedicated to sustaining nature and improving lives through innovative financing solutions. The CBF through its three strategic programs: Conservation Finance, Climate Change, and Nature-based Economies collaborates with governments, communities, and development partners across the Caribbean region.

Funding for this project is provided through the Advancing Circular Economy (ACE) Facility. ACE is a development project of the CBF, co-financed by the Federal Republic of Germany (German Federal Ministry for Economic Cooperation and Development (BMZ)) through the KfW Development Bank.

Caribbean Biodiversity Fund

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EXPECTED IMPACT

- Reduce marine litter and improve coastal biodiversity
- Create sustainable jobs in waste collection and processing
- Provide eco-friendly alternatives to imported lumber/cement
- Strengthen local waste management partnerships
- Establish scalable model for Caribbean-wide replication
- Demonstrate economic feasibility of local plastic recycling

ACTIVITIES AND AREAS OF WORK

Operations

- Designing a new facility for plastic waste processing and product manufacturing
- Installing and commissioning necessary equipment and machinery
- Recruiting, appointing, and training operational personnel

Product to Market

- Co-developing a market strategy for products made from recycled plastic waste
- Establishing sales channels and distribution partnerships
- Products are sold to end-costumers

Partnership & Stakeholder Engagement

- Formalizing cooperation through partnership and stakeholder agreements
- Designing and implementing a comprehensive Communications and Outreach Strategy
- Developing and executing a Stakeholder and Funder Engagement Strategy to build long-term collaboration and investment

The Great Plasticbake Off (GPBO BV)

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