

PLASTIC INNOVATION PROGRAM GEF Small Grants Programme-UNDP Boosting Innovative Solutions to Plastic Pollution

ACTION NOW: LOCAL TO GLOBAL ALLIANCE
OF ZERO PLASTIC WASTE COMMUNITIES

Workshop on Plastic Free Mauritius: Defining the Roadmap
Caudan Art Centre – 18/19 October 2021
Presentation by Pamela Bapoo-Dundoo, National Coordinator
UNDP GEF Small Grants Programme

MAURITIUS UNDP GEF SGP
COMMUNITY-BASED PLASTICS PORTFOLIO



**1996/2007/2020 - Association des Artisans et Planteurs de Pandanus du Sud Est
A Pandanus Weavers Coordination Centre and Plant Propagation Unit at Vieux Grand Port**



- **25 years ago, GEF SGP funded a survey on plastics and availability of “vacoas” (*Pandanus utilis*) plants for the weavers community**
- **L’Utilis- Le Pandanus Hub in Vieux Grand Port is a weaving centre including a Vacoas Plant Nursery, an open space for preparing and drying vacoas leaves, weaving and selling craft products**
- **A small museum on the history of vacoas plantation and craftsmanship in Vieux Grand Port**

MAURITIUS UNDP GEF SGP COMMUNITY-BASED PLASTICS PORTFOLIO

2006- Mouvement Pour le Progrès de Roche Bois



2008- Mission Verte



Waste Disposal Scheme Project for 21 sites

CUREPIPE : Rue Teste de Buch (menant au Casino)

FOREST-SIDE : chez Winners.

FLOREAL : parking de National Store

TRIANON : parking de Trianon Shopping Park

ROSE-HILL : **DEPLACÉ** chez Winners à Forest-Side.

BARKLY : Financé par la Fondation Médine Horizons et le Lions Club de Quatre-Bornes, a été placée au « Center of Learning », Maingard Street, Beau-Bassin pour leur usage exclusif.

FLACQ : parking de VIP Way

MAHEBOURG : parking de London Way

GRAND-BAIE : vis-à-vis Store 2000

LABOURDONNAIS : à proximité des écoles du Nord

BEAU PLAN : Financée par Harel Frères est à l'usage exclusif des employés de Beau-Plan

CAUDAN WATERFRONT: Financée par Caudan Development Ltd.

TAMARIN : Au fond du parking de Kaddy Plus.

RIVIERE NOIRE

PHOENIX : sur le parking de JUMBO, sponsorisé par V. d'Unienville & Associates.

CUREPIPE : Rue Teste de Buch (menant au Casino)

Etc..

2014 - “Decreasing POPs and Plastic Wastes Through Management of Empty Pesticide Containers in the Republic of Mauritius” by CropLife Mauritius



- 41 tons: Estimated annual volume of pesticides plastic (HDPE) containers generated at national level, 50 % of which is generated by the Corporate sugar sector
- Containers with residual pesticides find their way in the rivers and lagoons around the island or are buried, stacked or burnt in fields.
- No disposal facility for hazardous wastes was operational when project started. (New facility inaugurated in Nov 2017).
- Project now replicated by Government all over the island

Container Management: Demonstration on Triple-Rinsing



- 2 tons of empty pesticide containers collected (75% rinsed)
- Sent to a private recycler who produces plastic planks and outdoor furniture, kennels, etc.
- Estimated 8 tons of recycled products made



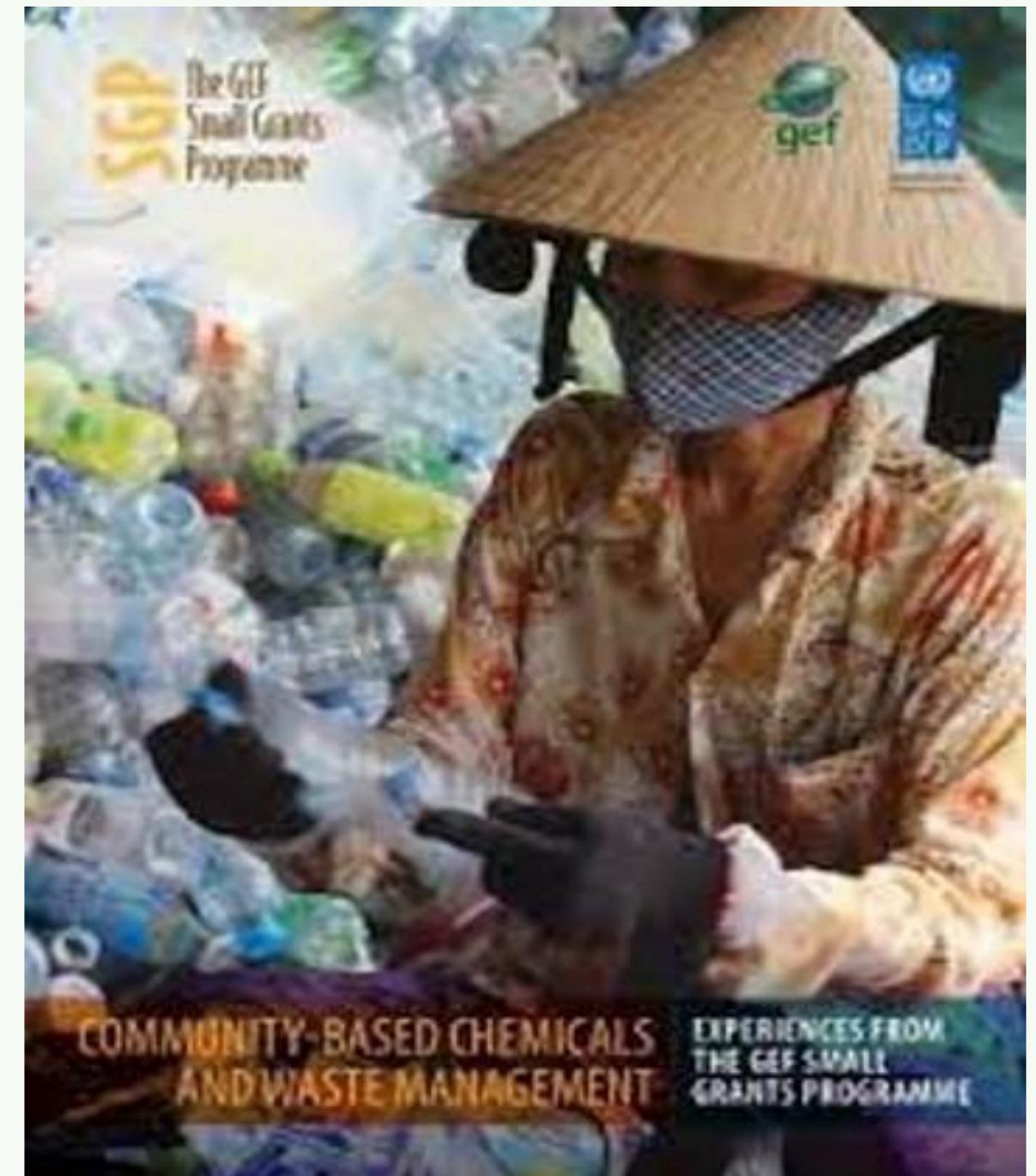
- 900 people trained through 30 group training sessions
- 28% of farmers trained were women
- 1,192 field visits carried out to individual farmers
- 15 supportive pesticide resellers briefed
- 15 group awareness sessions outside the pilot regions organized with 450 attendees
- Posters & flyers, Radio Programmes, Display boards, video in local language and Facebook page set up



Most of the plastic waste collected doesn't find a place in the recycling process (SIDS and least developed countries)

Pyrolysis (plastics-to-fuel) is not a sustainable answer to the inconvenient truth of plastics pollution

Remanufacturing plastic waste locally is unsustainable and often performed under poor environmental/safety standards



OUT
GROW
ING

PROTEZ NU FITIR



2020- Outgrowing Entrepreneurs Co-operative Society Limitee

Upscaling production of palm leaves biodegradable tableware to reduce single-use plastic and polystyrene

OUR APPROACH

Eliminate

- Create survey/national inventory
- Introduce bans, taxes, EPR, export/import regulations
- Support implementation and monitoring
- Develop education and awareness campaigns

Innovate

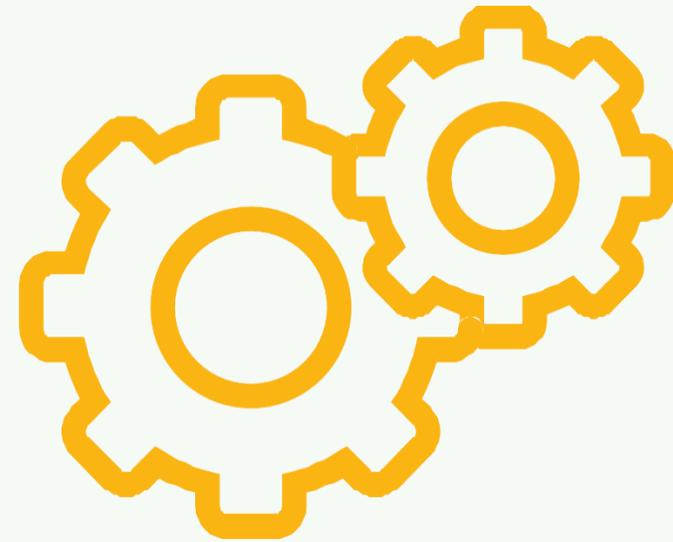
- Finance local solutions
- Create enabling environment (taxes/subsidies)
- Boost innovative ecological alternatives
- Support small- and medium-sized enterprises

Circulate

- Boost infrastructure and technology
- Develop policies and regulatory instruments
- Work with informal waste sectors
- Support small and medium-sized enterprises

Waste Management

- Organize intensive and regular (weekly) clean-ups
- Increase data collection
- Boost whole-of-society participation
- Create advocacy and awareness campaigns



HOW TO DO IT?

USD 200,000 to support Mauritius to undertake initiatives towards the attainment of zero-plastic pollution.

Due to the failure of previous interventions – which were predominantly downstream-focused – to substantially address the problem, GEF-SGP seeks to promote a multipronged strategy that combines pre-consumption and post-consumption measures to address the problem at source (upstream) and end-of-pipe (downstream).

This is a drastic shift from the predominant focus on downstream measures.

A SYSTEMS APPROACH TO GRANT-MAKING AND PREPARATION

A series of stakeholders' workshops,
meetings and focus group discussions
to identify areas of action

1 Baseline

- Who is producing plastics?
- What plastics are used in the production process?
- Where does plastic waste end up?
- What plastic waste management process is in place?

2 Stakeholders
consultation and
identification

- What plastics can be eliminated, reduced and circulated?
- What actions will be needed to achieve desired outcomes?
- What government policies and regulations are needed to implement the changes?
- What activities should be undertaken to shift producer and consumer behaviours?

3 Design and
implementation
of activities

4 Learning,
sharing and
networking

SGP INTERVENTION AREAS

Upstream: Turn off the tap

- Support policy development and implementation to eliminate problematic/non-essential plastics (plastic bans, import restrictions, and fines, etc).
- For many islands/LDCs, cut the import of non-essential problematic plastics

Mid-Stream

- Support innovation to develop ecological solutions and alternatives

Downstream

- Waste management and clean-up to remove existing pollution

Capacity Development, Knowledge Management, Communications and Networking

- Develop knowledge products and communication materials, support capacity development and strengthen local to global networks

NATIONAL PROCESSES

- 1 Identification of a leading National Anchoring Organization (NAO)
For baseline, strategy, and policy consultation/clean-up advocacy
- 2 Securing highest level government support
Through consultation with National Steering Committee
- 3 Convening of Government-Private Sector-Civil Society Dialogues
- 4 Piloting of zero plastic waste communities
- 5 Clean-up for behavioural and policy change
- 6 National plastics report informing policy formulation

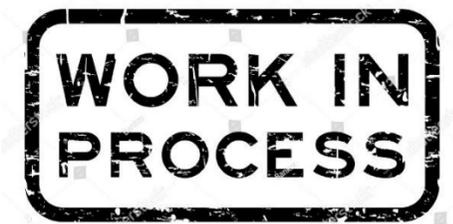
1. Systems baseline analysis and preparation of baseline report and national action plan

- Baseline: analyze who is producing/using what plastics, where, and how to dispose of the plastic waste
- Stakeholders' consultation and identification: what plastics are essential? How to minimize the use or import of plastics? What actions will be needed to achieve desired outcomes to eliminate non-essential plastics? What government policies are needed to implement the changes? What activities should be undertaken to shift human behaviors? (A series of stakeholders' workshops, meetings and focus group discussions to identify areas of reduction).
- Design and implementation of activities in the national action plans



2. Development and implementation of community-based zero waste management systems demonstration sites (waste intelligent communities and cities)

- Prevent, reduce and eliminate unnecessary and non-essential plastic products to stop pollution at its source;
- Develop and implement actions to rethink, reuse, reduce, recycle and environmentally dispose of waste, following waste management hierarchy;
- Support the development of ecological alternatives and solutions;
- Incorporate informal waste sectors and enhance livelihoods for informal workers;
- Conduct regular clean-up for awareness raising, advocacy and behavioral change.



3. Policy development and implementation

- Support policy formulation and implementation (including plastic ban on single use plastics, extended producers' or importers' responsibility, and incentives for clean environment);
- Undertake awareness raising and advocacy for the ban of non-essential single use plastics;
- Conduct Government-civil society-private sector meetings/dialogues to formulate and implement policies and regulations.

A black and white stamp with the words 'WORK IN PROCESS' in a bold, sans-serif font, enclosed in a rectangular border with a distressed, ink-like texture.

shutterstock

A green and white stamp with the word 'COMPLETED' in a bold, sans-serif font, enclosed in a rectangular border with a distressed, ink-like texture.

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4. Awareness raising, public participation and global campaigns

- Develop awareness-raising materials and outreach activities;
- Develop and implement intensive and regular awareness raising and public participation (such as weekly clean-up activities, radios/TVs programs, and social media campaigns);
- Organize the Annual Zero Single Use Plastic Week Campaign, June 8th World Ocean's Day and/or Clean-up Campaign on World Clean-up Day on the third Saturday of September with whole-of-society participation (high level government officials, businesses and civil society organizations);
- Participate in South-South cooperation and exchange.

ELIGIBILITY TO THE FUNDS

- be **non-governmental** or **non-profit organizations** with legal mandate to operate; or
- be community groups/community-based organizations, and social enterprise organizations, and
- have relevant experience and proven records of working with communities and groups in environmental activities;
- the lead organization should propose a plan of engaging governments, research institutes, communities, media and other key stakeholders. University/research institutes can be engaged for the baseline analysis.

FIND OUT MORE ABOUT
UNDP GEF SGP
PLASTIC INNOVATION PROGRAM
ON OUR SOCIAL MEDIA PAGES



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