

# PREVENT Waste Alliance Networking Event

21 April 2024,



**PREVENT**  
Waste Alliance

# Your facilitators today



**Christina Jaeger**

**Lead PREVENT plastic group**

Yunus Environment Hub



**Henning Wilts**

**Lead PREVENT plastics working group**

Wuppertal Institut

# Opening Remarks



**Timon Lepold**

Policy Officer for international aspects of resource efficiency, circular economy,  
raw materials policy

German Federal Ministry for the Environment, Nature Conservation, Nuclear  
Safety and Consumer Protection - BMUV

# Our Agenda Today

**1** Intro: The PREVENT Waste Alliance

Short inputs (6min each):

**2**

- Reuse
- Global Action Partnership for EPR
- Finance - Plastic Credits
- Digitalisation
- Just Transition
- Small Islands & Remote Coastal Areas

**3**

Round table discussion (30min)

„How can our initiatives jointly support the INC Negotiations and Treaty Implementation?“

**4**

Networking





# Getting to know each other

OneTruth and One Lie

# Together for a Circular Economy

The PREVENT Waste Alliance



**PREVENT**  
Waste Alliance



# PREVENT Waste Alliance **in a nutshell**



**Steffen Blume**

PREVENT secretariat/  
GIZ GoCircular



**Jonas Barkhau**

PREVENT secretariat/  
GIZ GoCircular



# 500+

**Member organisations**

From the private sector, academia, civil  
society and public institutions



# Our **Formats**



- **Working groups**  
Regular topic-specific exchange, elaboration of studies, tools, development of solution approaches



- **Worldwide pilot projects** Testing solutions in more than 15 countries



- **Matchmaking Series**  
Brief informal sessions to connect members, dissemination of solution approaches



- **Innovation programme**  
Contests for developing innovative solutions for waste prevention



**PREVENT**  
Waste Alliance



- **PREVENT HUB**  
Easy and direct networking and co-working space, exchange of know-how and information, creating partnerships

# Worldwide pilot projects [Learn more](#)



**Indonesia**  
Creating value in plastic through digital technology



**Ecuador**  
E-nnovating Quito: Sustainable e-waste management supported by collect-and-learn vehicles



**Mexico, Brazil, Vietnam, India**  
'Plastic Credits' for inclusive and transparent circularity



**Tanzania**  
ReduCE-Waste: Controlling e-waste imports in Tanzania



**Serbia, Bosnia and Herzegovina**  
Enhancing awareness and employment through recycling



**Jordan, Algeria, Morocco, Egypt**  
German-MENA university network for waste management and circular economy



**Nigeria**  
'E-Waste Compensation' as an international financing mechanism for e-waste in Nigeria



**Ethiopia**  
Guideline for organic waste treatment in East Africa

# Innovation programmes [Learn more](#)

## The SUP Challenge

Prevention of single-use plastics



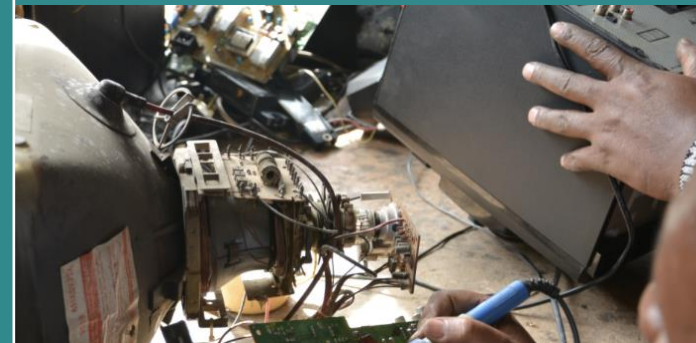
## BE.Innovative contest

Behaviour-centred design for waste prevention projects



## RRR Accelerator

Reuse, refurbishment and repair of electrical and electronic equipment



# Leadership Training **for Multipliers**

- Cutting-edge leadership training for multipliers in the circular economy
- 5 days, 16 participants
- Focus on four dimensions of transitional change: team, organisation, society and self
- Simple habits for complex times, practices and tools for everyday formal and informal leadership work



# Sneak preview: coming up in 2024

## Innovation contest

- Prevention of SUPs
- Digitalization and data interoperability



## Finance Help Desk



# How to get Involved?



**PREVENT**  
Waste Alliance

- Follow us on [LinkedIn](#) and [YouTube](#)
- [Sign up for our newsletter](#)
- Share relevant news and events with us (can be featured in our newsletter, on our website, etc.)
- For members: Log in to the [PREVENT HUB](#) to share your news and connect with other members
- **We reach thousands of leading experts in the circular economy community.**



# REUSE



**IUCN**

Lynn Sorrentino

Programme officer



**WUPPERTAL INSTITUTE**

Henning Wilts

Director Circular Economy



**SEARIOUS BUSINESS**

Willemijn Peeters

Founder and CEO



**04**

**CITEO**

Jean Hornain

General director of CITEO



**PREVENT**  
Waste Alliance

# PREVENT working group on reusable packaging

What has been done so far:

- **Single-Use Plastics Challenge** in cooperation with The Incubation Network (TIN) Innovation challenge designed to support market entry, acceleration and adoption of upstream alternatives to SUPs in the food and beverage sector
  - Run in India, Indonesia, Philippines, Thailand, Vietnam
  - The participants: ESOs, startups and foodservice partners
  - 91 pilots implemented by matching startups with foodservice operators

## **Exchange series in 2023**

- 8 sessions
- Incl. speakers from Enviu, SecondMuse, ICLEI, Citeo, Social Lab, World Economic Forum, New European Reuse Alliance, and GIZ





# SEARIOUS BUSINESS

Support public sector:



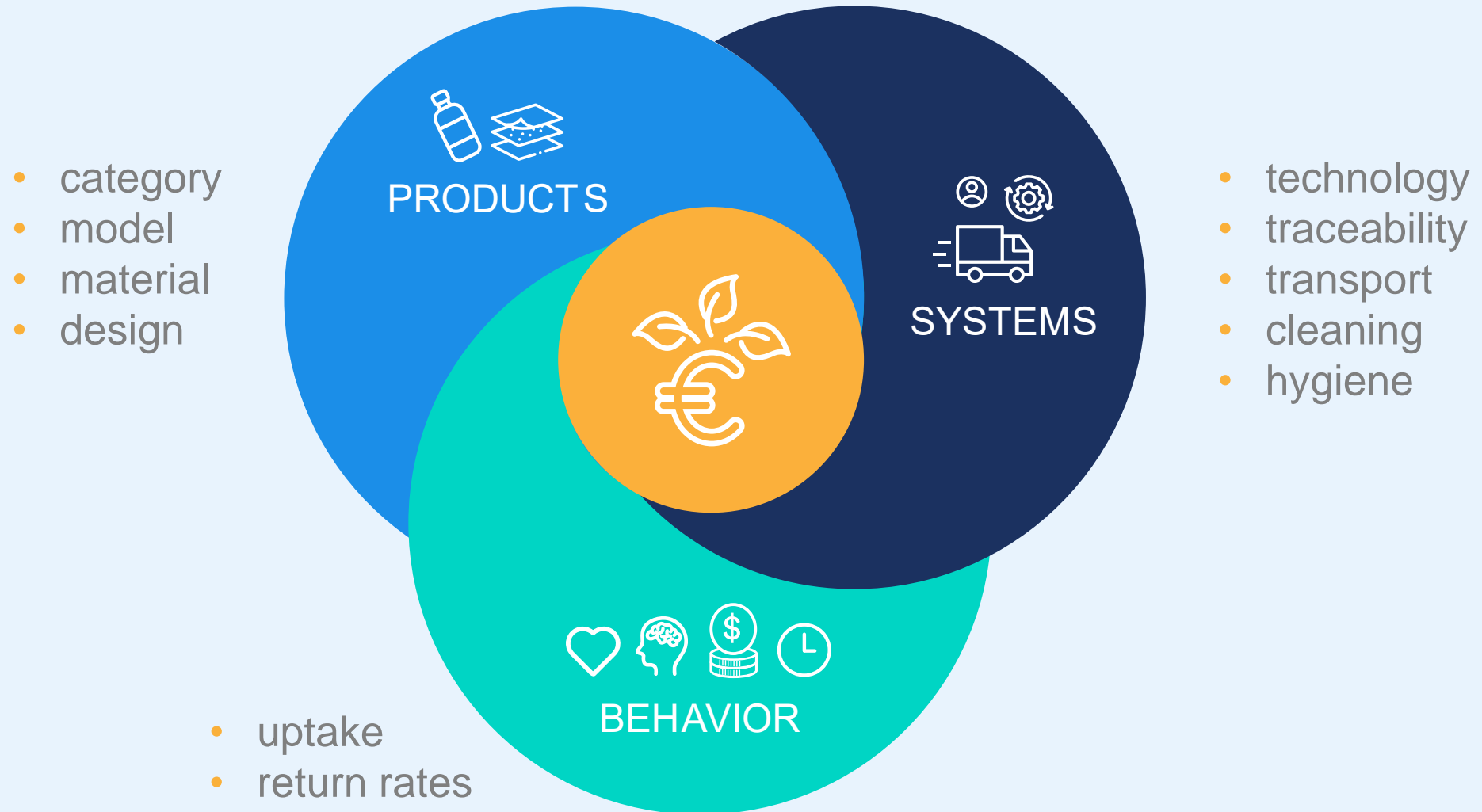
- Including Reuse in Treaty / Reuse in EPR
- Integrating Reuse targets in National Action Plans
- Developing Private sector, reducing barriers
- Promoting behavioral change, also at sectoral level

Support private sector:



- Developing reuse / refill systems at scale
- Running cost-benefit analyses and business modeling
- Facilitating standardization & harmonization
- Developing Reuse infrastructure

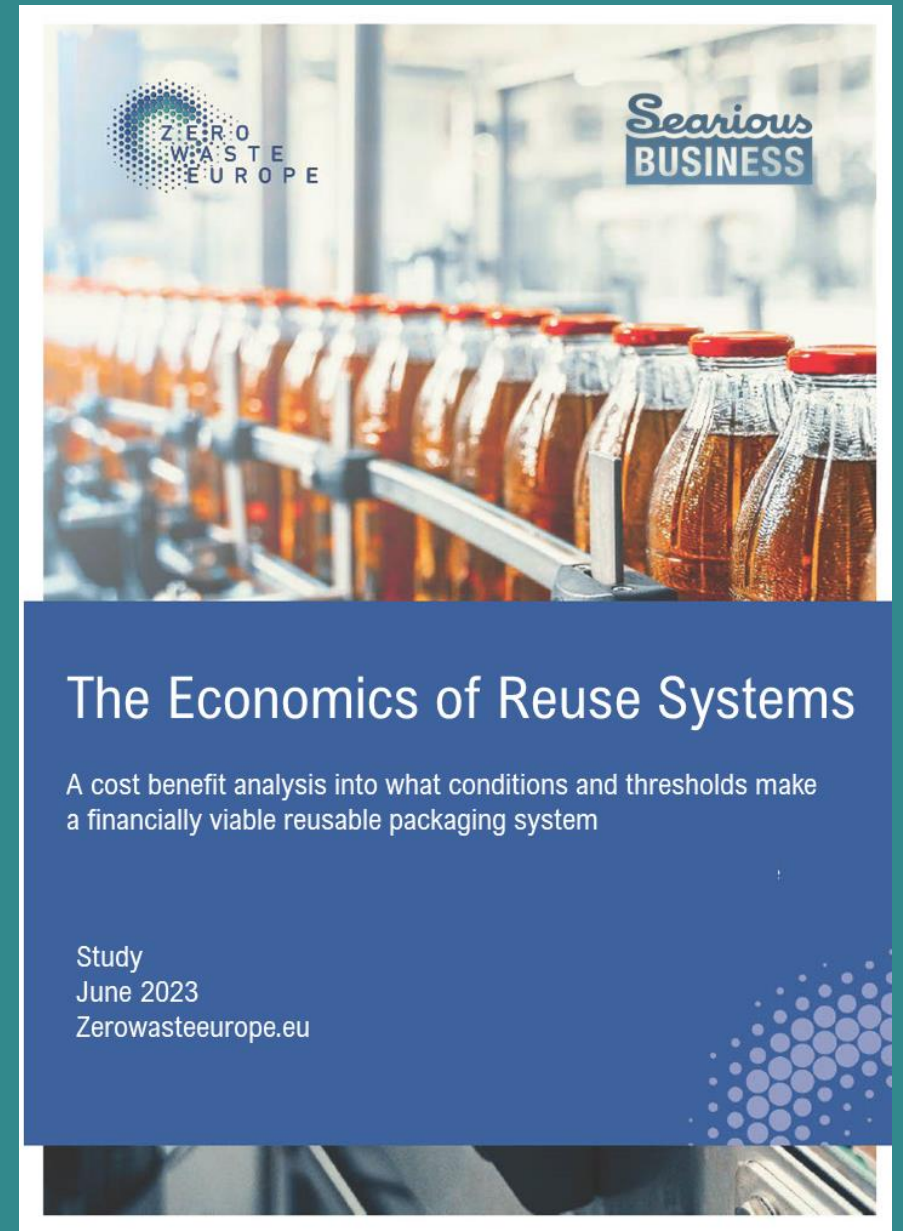
# Viable reusable packaging



# Economics of reuse

## COST-BENEFIT ANALYSES

- Searious Business & ZWE published 2 **reports on reuse vs single-use plastic packaging**
  - **3 cases** in archetype countries in **EU**
    - Food containers
    - Transport packaging: Big Bags
    - Beverage containers
  - **Food** containers for streetvendors in **India**
- **Positive return on investment** for reuse based on key conditions to ensure profitability for all stakeholders

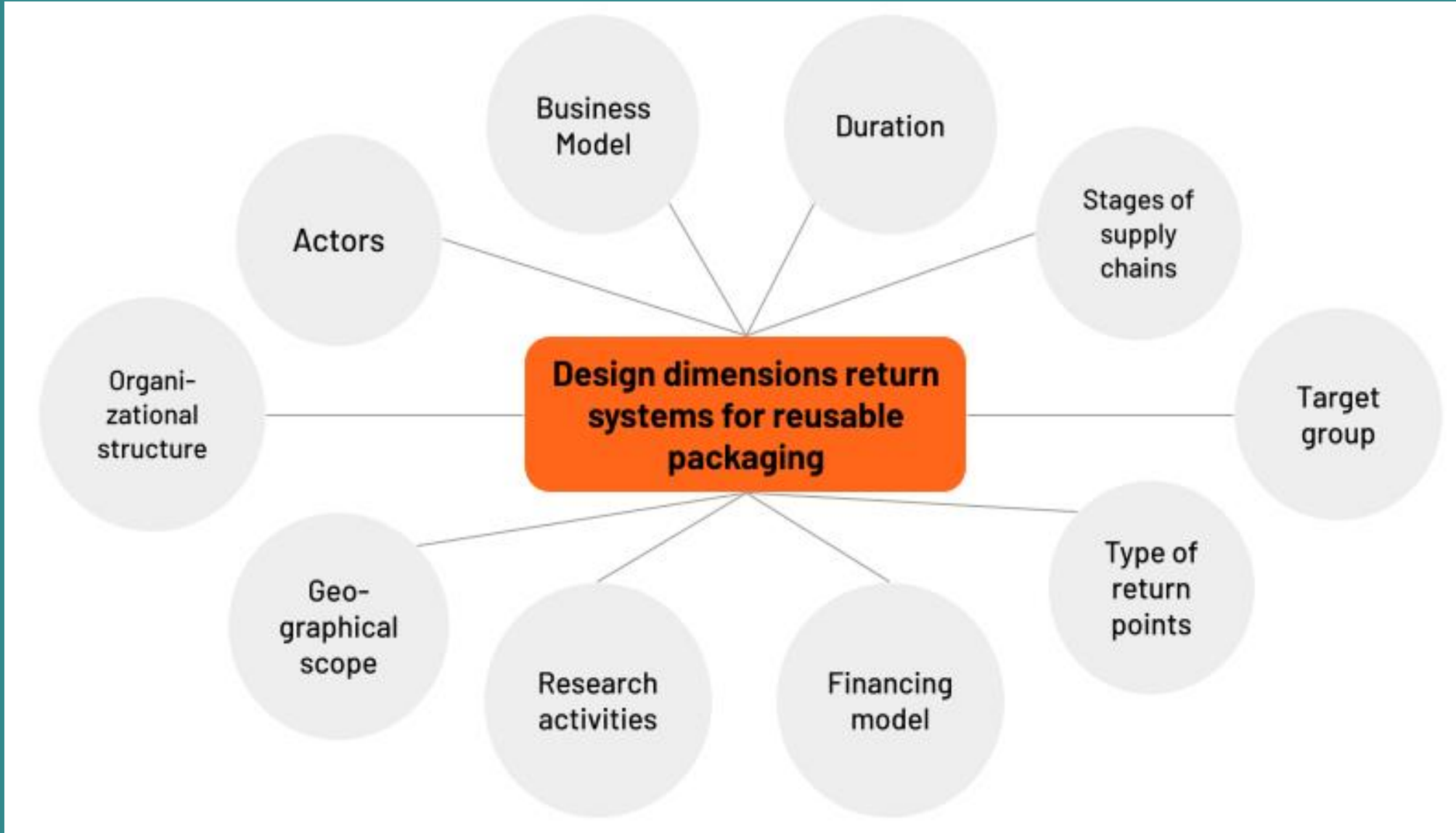




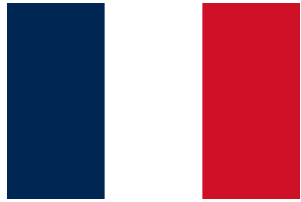
# How to set up successful pilot projects for re-use?

- Many re-use pilot projects fail to provide meaningful insights.
- Evaluation of seven large scale pilot projects for reusable packaging in Germany
- Key actors to be involved
- Key barriers
- Necessary data base, e.g. base line





# The French case for reuse through EPR



## French regulatory objectives :

- **10%** of packaging re-used by 2027



## Packaging and Packaging Waste Regulation (PPWR)

- **10% reuse** for 2030 and 40% for 2040
- Exemption for certain sectors (wine and spirits, milk, etc.) and companies



As a Producer Responsibility Organisation, Citeo supports the development of reuse in France



# Two actions: Financing of reuse + Reuse at scale

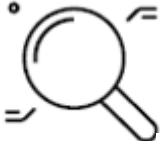
# REUSE

➤ Support clients and local authorities with 5% of our turnover

➤ 100 M€ in 2024 (39M€ for 140 projects in 2023)

➤ Call for projects:

Studies



Upscaling



Feasibility Tests



Influence campaign



Reuse, a complex system because it is mutualized and national

➤ How to involve all stakeholders on:

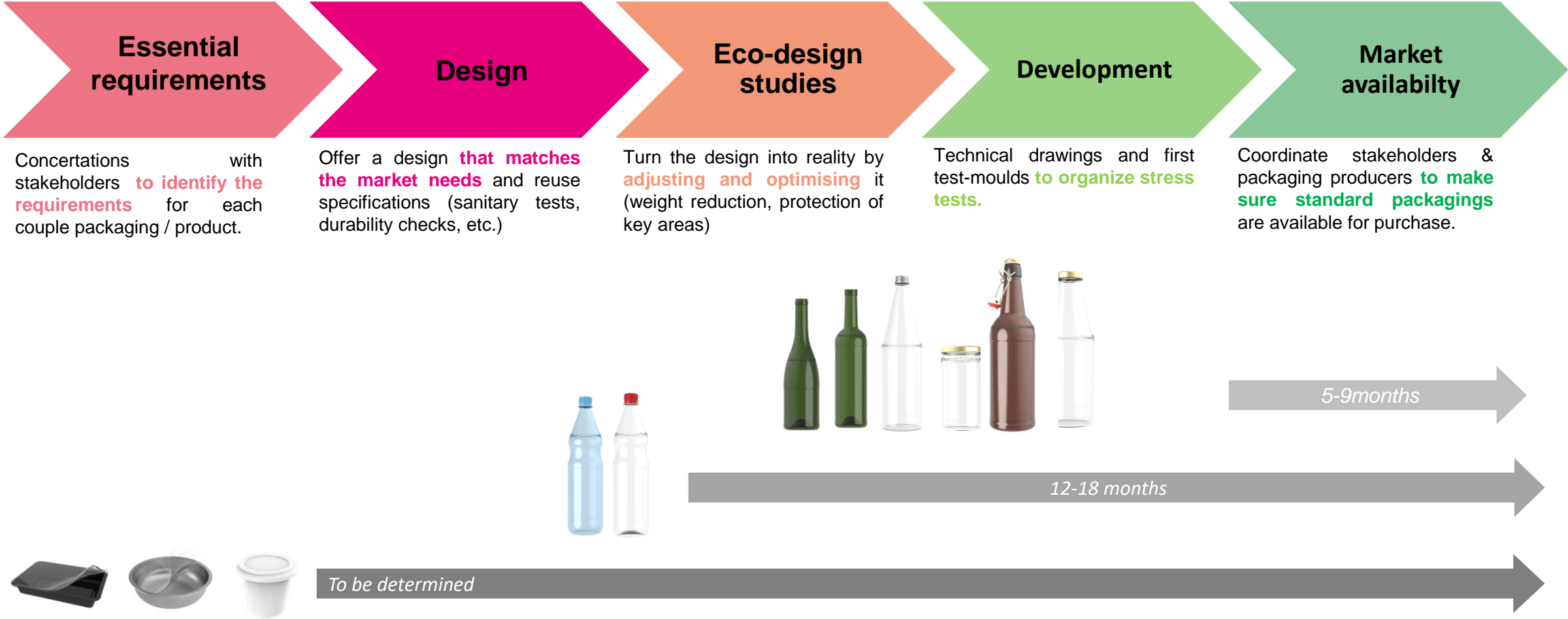
Common operational solutions

Governance issues

Consumer involvement



# Development of a standard range for reuse





# Global Action Partnership for Extended Producer Responsibility



**Peter Börkey**  
Circular Economy Lead  
OECD



**Feng Wang**  
Programme Officer, Coordinator for Plastics  
UNEP



**giz** Deutsche Gesellschaft  
für Internationale  
Zusammenarbeit (GIZ) GmbH



Hosted by



**PREVENT**  
Waste Alliance

# Global Action Partnership for EPR

Thinking ahead jointly – this is our mission. As the Global Action Partnership for EPR, we **connect** practitioners and experts worldwide, **foster** collaboration, and support **innovative thinking** on EPR.

Connect with us on:

[gap-epr.prevent-waste.net](https://gap-epr.prevent-waste.net)

[contact@gap-epr.prevent-waste.net](mailto:contact@gap-epr.prevent-waste.net)

# How we work



## We strive for a Common Understanding on EPR

by providing an extensive library of EPR-related documents and hosting public events.



## We provide coordinated and tailored Technical Support

to policy makers and other relevant stakeholders (such as PROs) for the operationalization of EPR



## We bring together an international EPR Community

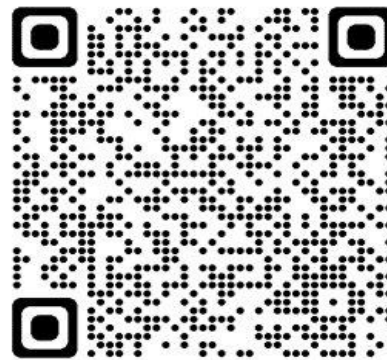
- To facilitate the sharing of best practices and lessons learned
- To think ahead jointly and innovate EPR
- To contribute to relevant international processes on EPR

# Policy Paper “Extended Producer Responsibility (EPR): Basic facts and key principles”

## Key Take-aways:

- EPR is an effective policy approach. It can help to:
  - Improve transparency
  - Shift costs from governments to producers and consumers
  - Increase collection, and
  - Increase recovery rates
- EPR is not a tax, but typically triggers a fee paid and managed by producers
- EPR cannot be implemented by the private sector alone, but requires government oversight
- EPR needs to be embedded in a broad policy mix
- Ample policy guidance is already available

Global Action Partnership for EPR



# Finance - PLASTIC CREDITS



**Stefanie Beitien**

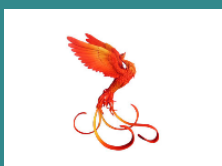
Managing Director  
PCX Solutions



**Thierry Sanders**

Economy Director  
BVRio

# PREVENT Core Group on Plastic Credits





# The role for plastic credits in the UN Plastic Treaty

Plastic Crediting Mechanisms are an important financing mechanism because...

there's no need to wait for legislation

can complement EPR policies

can address social and environmental issues

can be strictly & independently audited

can be traced from source to destination

Most importantly, these projects can **start today**

There's no time to waste !

# MINIMUM REQUIREMENTS

## TRANSPARENCY

1. Verified by an independent third party
2. Traceable from source to destination
3. No double counting
4. Publicly accessible certificates

## LEGAL COMPLIANCE

5. Complies with national law

## IMPACT

6. Post-consumer plastics
7. Non-commercially recyclable plastics
8. Delivered to a better destination
9. Sort out the recyclables
10. Do no harm
11. Additionality via tonnes or better pay or lower value plastics or all
12. Encourage better working conditions



[Publication](#)

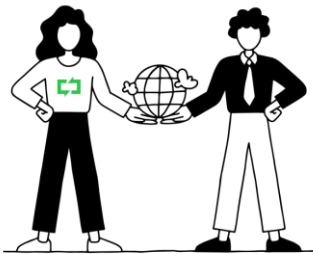


# PLASTIC POLLUTION REDUCTION STANDARD (PPRS)

World's first plastic crediting standard, now in **Public Consultation for V8**.



1



**Elaborated Project Registration Process and Validation and Verification Model**

2



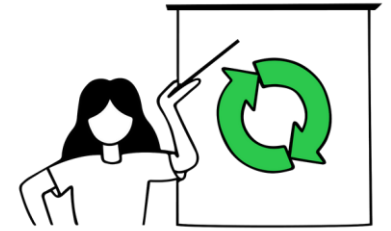
**Qualitative or Quantitative Additionality**

3



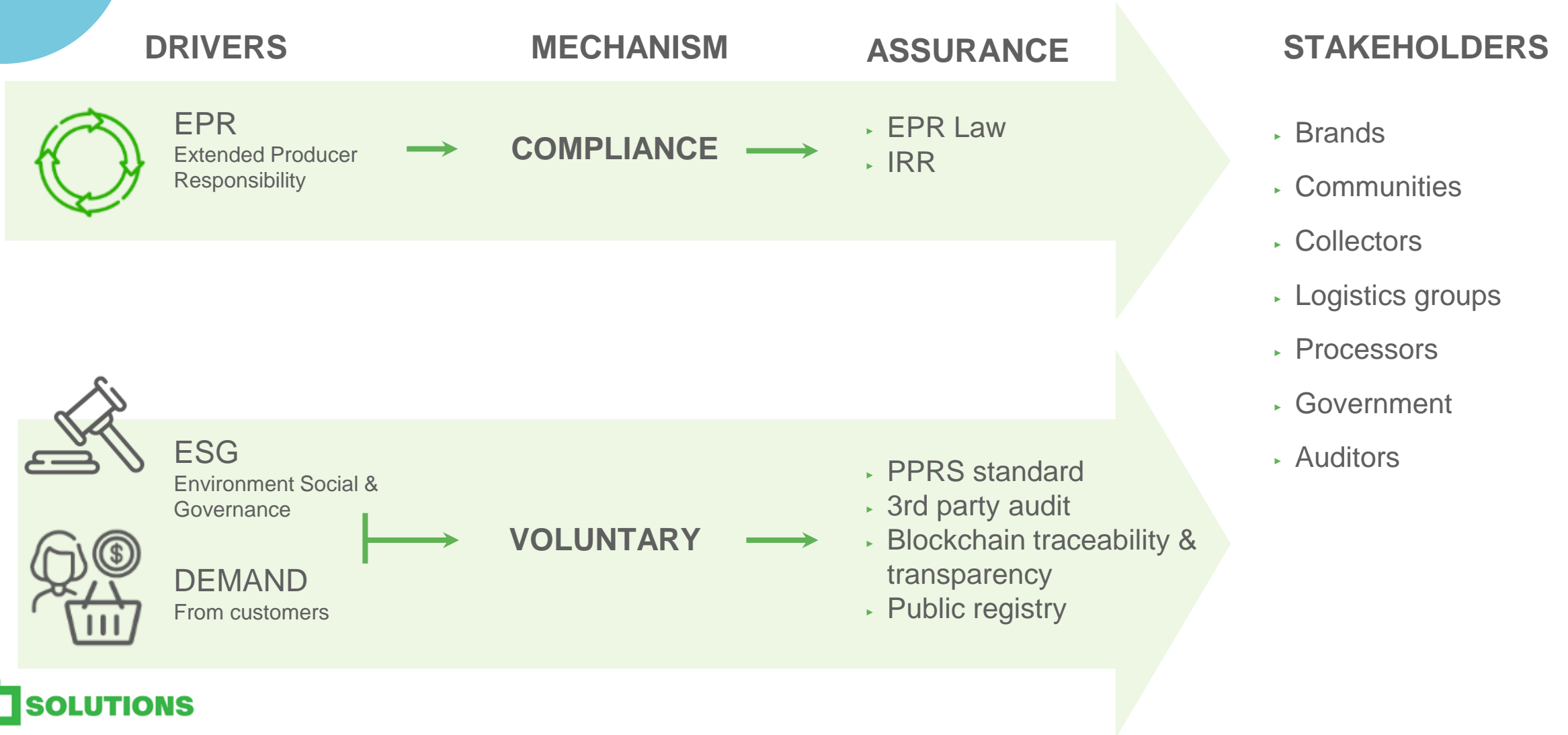
**Enhanced Environmental and Social Safeguards**

4



**Traceability and Transparency; Rigorous Plastic Credit Verification and Issuance**

# HOW CREDITS COMPLEMENT EPR SCHEMES



# BVRio's contribution to the UN Plastic Tready, 10 years developing public goods



**2011**

**Market based solutions to environmental challenges**



**2013**

**1st Reverse Logistics Credits**

**The 3R Initiative**

**2018**

**Created Verra PWR Standard**



**CIRCULAR ACTION HUB**  
a BVRio initiative

**2019**

**500KT p.a. Waste Operators Database**



**CIRCULAR CREDITS MECHANISM**  
a BVRio initiative

**2020**

**Affordable & Social Credits**



**2022**

**KOLEKT App (Free)**

[bvrio.org](http://bvrio.org)

[circularactionhub.org](http://circularactionhub.org)

# The next 10 years, starts today. Improve collaboration between corporates & collectors



# DIGITALIZATION

## HOW TO UNLOCK THE POTENTIAL OF DIGITALISATION AND INTEROPERABLE DATA FOR MARINE LITTER PREVENTION



**Tilmann Floer**

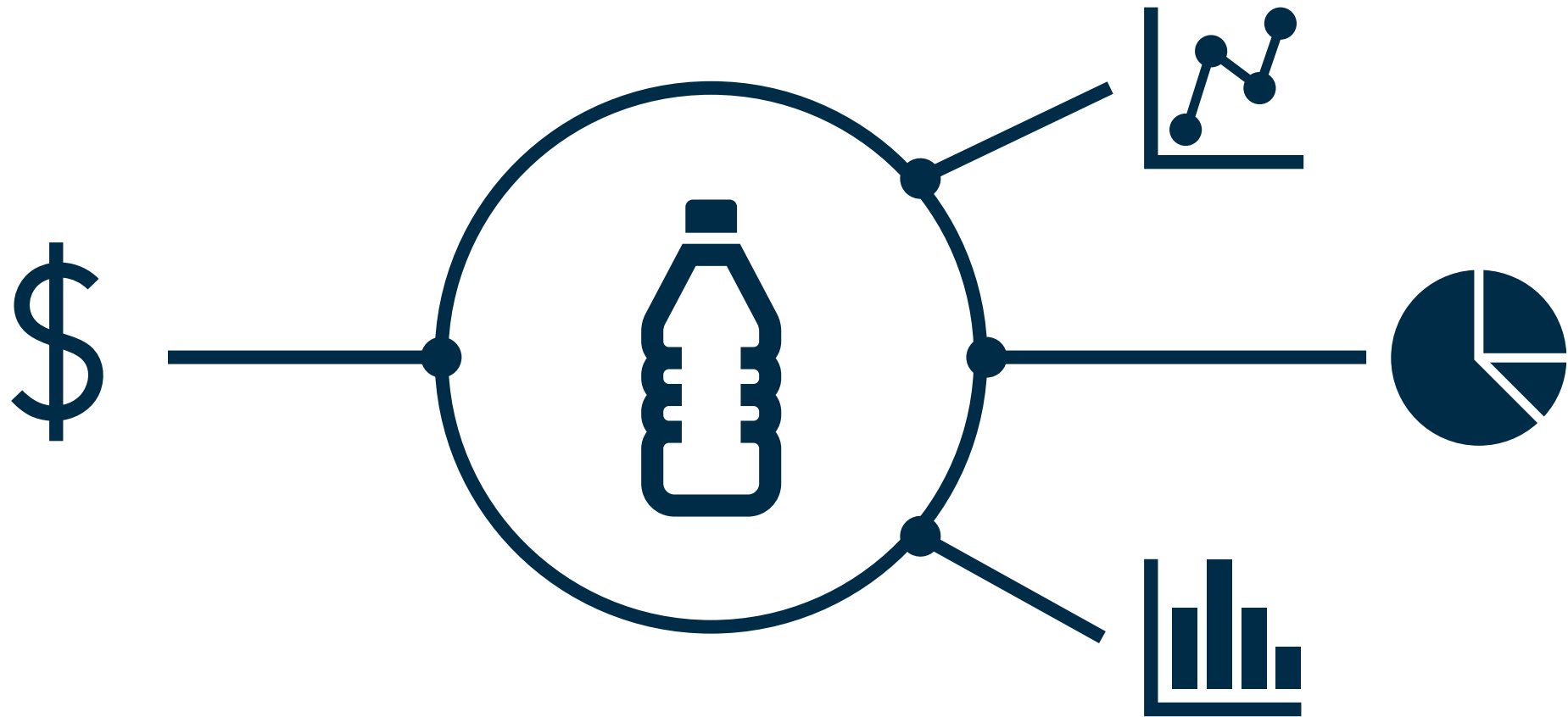
CTO  
everwave



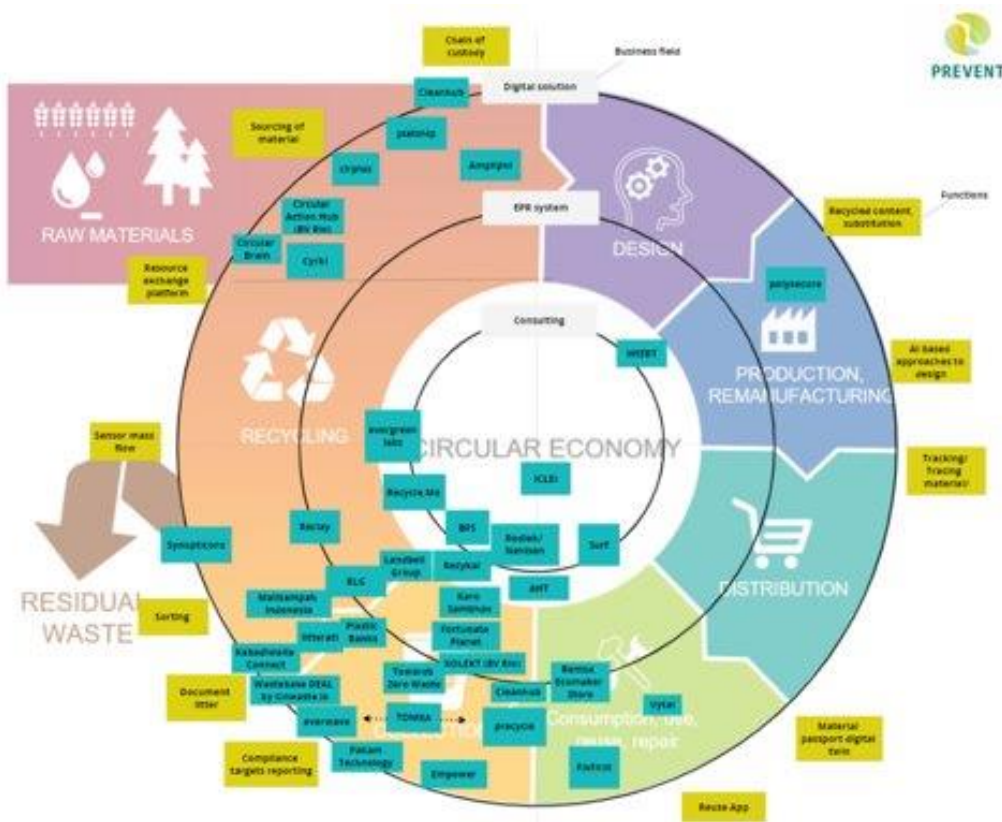
**Jeremy Douglas**

Director of partnerships  
Delterra

# THE VALUE OF WASTE



# DIGITAL TOOLS @ PREVENT WASTE ALLIANCE



Logo	Company Name	Website	Target Group	Technologies	Geographical Area of Application	Information
	AHT GROUP AG	https://www.aht-group.com/en/	Consumer brands	Web based Waste Information System and mobile based monitoring and verification through drones	Global	Waste management and verification through drones
	Amplifi	https://amplifi.org/	Consumer brands	Data Management	Global	Companies must achieve sustain...
	Black Forest Solutions GmbH	https://www.blackforest-solutions.com	Companies, governments and NGOs	Web based Waste Information System and mobile based monitoring and verification through drones	Global	Companies must achieve sustain...
	Circular Action Hub (BV Rio)	https://www.circularactionhub.org/	Local waste management projects, investors	Online platform	Global	Companies must achieve sustain...
	Circular Brain	https://circularbrain.io/	Electronics manufacturers and exporters	Tracking algorithm, AI, Blockchain	Local/National	Companies must achieve sustain...
	CIRPLUS	https://www.cirplus.com/en	Plastic and recycling industries, purchase departments	B2B marketplace for circular plastics	Global	Companies must achieve sustain...
	CleanHub	https://www.cleanhub.io	Households, Companies	Track and trace app	Regional	Companies must achieve sustain...
	CYRKL	https://www.cyrkl.com/	Companies	B2B marketplace, machine learning	Regional	Companies must achieve sustain...
	Empower	https://www.empower.eco	Work places and collectors, Recycling facilities	Cloud storage and blockchain	Global	Companies must achieve sustain...
	evergreen labs	https://www.evergreenlabs.com/	Work places and collectors, Recycling facilities	Cloud storage and blockchain	Global	Companies must achieve sustain...
	everwave	https://www.everwave.io/en/	Companies, Policy Makers	Garbage, Bots, AI, Drones	Global	Companies must achieve sustain...
	Fixfirst	https://www.fixfirst.com/	Local service providers, Manufacturers, Retailers	Self-installed B2B platform	Global	Companies must achieve sustain...
	The Fortunate Planet	https://thefortunateplanet.com/	Offices, schools, households, collectors, recycling facilities	App, Web	Global	Companies must achieve sustain...
	ICLEI	https://www.iclei.org/	Households, Companies	BPM software solution	Global	Companies must achieve sustain...
	KARO	https://www.karobio.com/en/	Government, Companies	Android & iOS App	Global	Companies must achieve sustain...
	KOLEKT (BV Rio)	https://www.kolekt.com/	Households, collectors, Recycling facilities	Android & iOS App	Global	Companies must achieve sustain...
	Landbell Group	https://www.landbell.com/en/	Companies, national policy makers and international development agencies	Software supported compliance solutions for EPR and chemicals, Online database incorporating multiple EPR type regulations across...	Global	Companies must achieve sustain...
	Litterati	https://www.litterati.org/	Local government, companies	AI, Open data, geospatial dashboard	Global	Companies must achieve sustain...

Digitalisation - Prevent Waste Alliance

PREVENT Mapping - Digital Tools

# KEY CHALLENGE & POTENTIAL - INTEROPERABILITY



**EFFECTIVE & EFFICIENT INFORMATION EXCHANGE**



**COSTS OF COMMUNICATION**



**DATA QUALITY & QUANTITY**



**TRANSPARENCY**



**TRACEBILITY OF MATERIAL STREAMS**



**IMPACT**



# CONNECTING THE DOTS



# PROGRESS REPORT

DISCUSSION  
PAPER



PREVENT MEMBER SPOTLIGHT



TOOLBOX



RECOMMENDATIONS

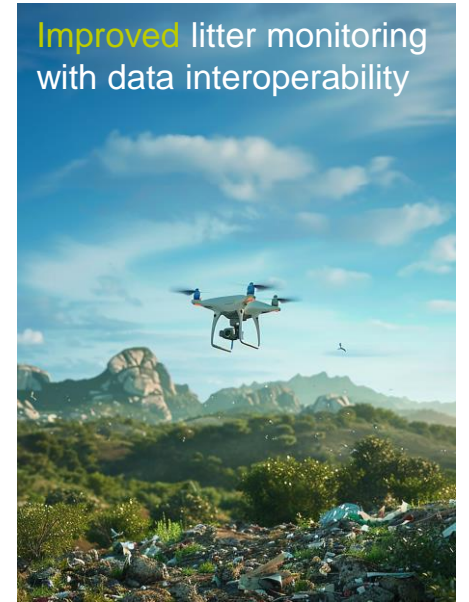
LITTER  
MONITORING  
CHATBOT



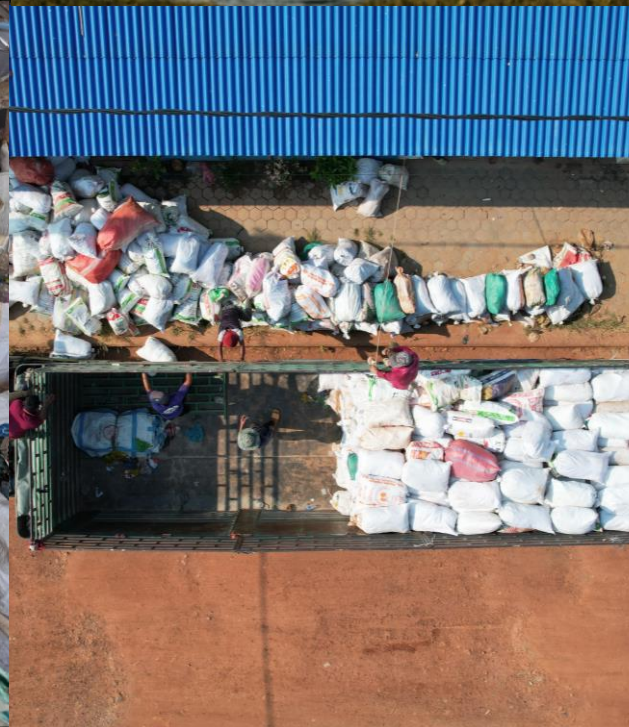
👋 Hello, I am the PREVENT Waste Alliance's Marine Litter Monitoring Guide. How can I help you today?

Help me harmonize my marine litter data

Improved litter monitoring  
with data interoperability



everwave

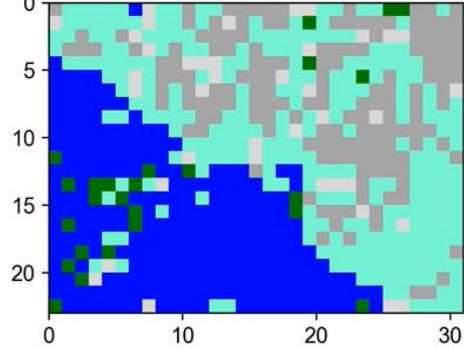


# PLASTICOBSP+

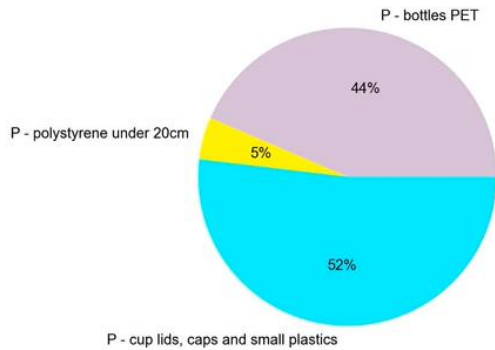
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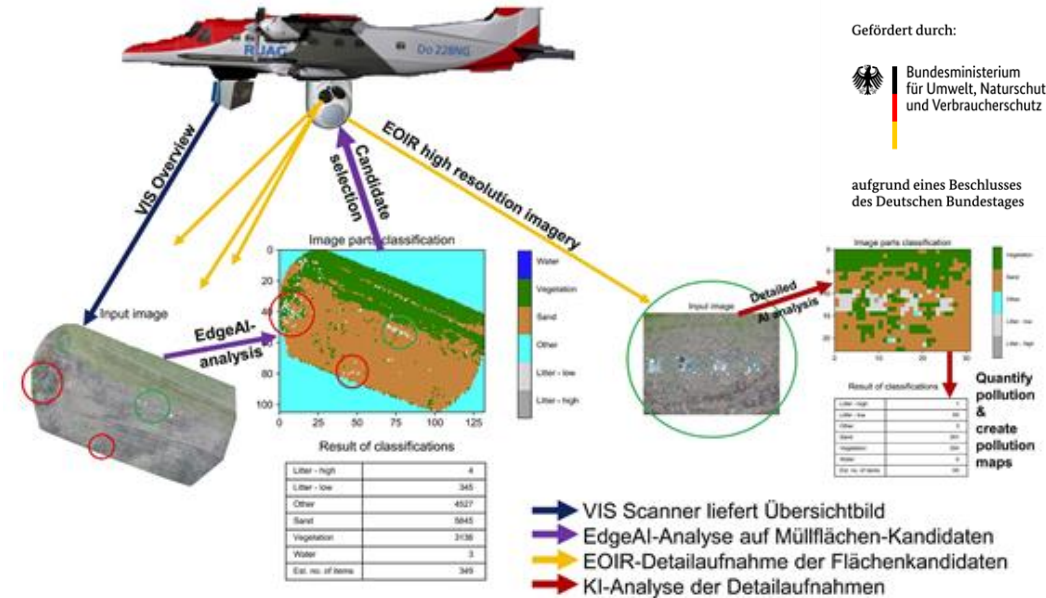
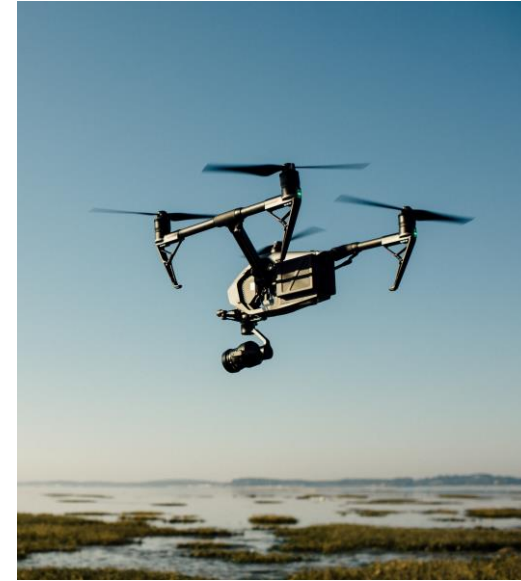
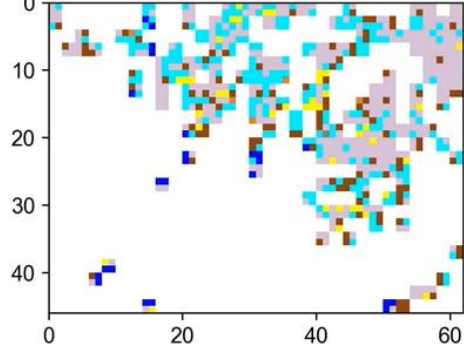
Classification matrix PLD CNN



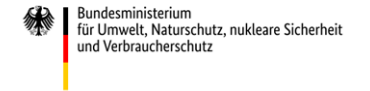
Share of waste types



Classification matrix PLQ CNN



Gefördert durch:



aufgrund eines Beschlusses des Deutschen Bundestages



## **We are Delterra**

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**A unique non-profit founded  
by McKinsey & Company in 2018**

**Innovative scalable solutions that  
redesign human systems** for the good of  
people and the planet

An **entrepreneurial test, learn, and  
iterate** approach to create proven impact  
**in the real world that affects real lives**

### **WE ENVISION**

**a world where human activities  
protect and restore a healthy planet**

## Problem: the origin of the majority of recycled plastics is unknown

**Lack of transparency regarding the unknown origins of recycled plastics poses reputational risks to consumer brands incorporating recycled materials in their products**

### Challenges posed by a lack of transparency:



#### **Double counting & volatility:**

Intense competition by brands for scarce supply leads to double counting or unmet commitments, volatile prices and inconsistent offtake



#### **Lack of quality control:**

Recyclers source plastics waste from aggregators nationwide without knowing the origin of materials, leaving limited quality control to reduce the average 20% reject waste faced




#### **Informality & labor abuses:**

20 million waste pickers work informally in the recycling value chain. They lack social security, work in impoverished & dangerous labor conditions and risk exploitation (incl. child labor)

**Solution:** Scale material traceability to cover ~75% of PCR plastics to provide confidence needed by rigorous EPR system and offtake agreements with strong brand & consumer buy in

### Recycling value chain with data collection points

 Data collection



**Our solution creates a digital passport for the recycled materials**, capturing the data for each stage of the waste value chain and aggregates this in a blockchain tool:

- Material type (e.g., PET, PEAD, PEBD)
- Dates: materials sent and received by parties
- Product journey: actors and locations of each stage
- Weight of bales



### Partners



Trusted supply chain standard setter of FMCG brands globally



Offers **blockchain digital platform** for waste recycling in 60+ countries



Expert on materials and works w. recyclers across Argentina



Networks of FMCG brands and aggregators adopting MT

# HOW TO UNLOCK THE POTENTIAL

## QUESTIONS

- HOW DO WE CONNECT DIFFERENT ACTORS IN THE WASTE SECTOR WITH DATA?
- WHAT WOULD "BETTER DATA" LOOK LIKE TO ACHIEVE YOUR GOALS (E.G., COMMON CLASSIFICATIONS FOR PLASTICS)?
- WHAT DATA SHOULD BE REQUIRED TO BE OPEN SOURCE?
- HOW CAN WE ENSURE DATA SECURITY & ADOPT TECHNOLOGY STANDARDS TO LOCAL CONTEXTS?



SUB-WORKING GROUP: [steffen.blume@giz.de](mailto:steffen.blume@giz.de) // INFORMATION: [anika.schumann@giz.de](mailto:anika.schumann@giz.de)



# JUST TRANSITION



**Christina Jaeger**

Co-founder & Managing  
Director Yunus Environment  
Hub



# Sub working group: Social Inclusion

- PREVENT sub-working group on social inclusion has the objective to advance the topic of just transition and informal sector integration into EPR schemes.

## What's new?

- Updated EPR Toolbox Factsheet on Just Transition and recognition of the informal sector (factsheet available at [www.prevent-waste.net/epr-toolbox/](http://www.prevent-waste.net/epr-toolbox/)). Now available in Spanish.
- Coming soon: webinar series with experts and stakeholders on just transition

# Key Points from the Factsheet

- Recommendations for analysis to be conducted before the informal sector can be integrated into an EPR system.
- Approaches to waste-picker formalisation including different integration strategies and the potential associated benefits and disadvantages it could bring.
- Legislative Action for mainstreaming of the informal economy.
- Governance Action for ensuring adequate waste management, employment targets and standards, and social and labour protections.



# Study: Just Transition in Waste Management and Circular Economy in the ASEAN Region towards a Sustainable Future

Yunus Environment Hub conducted a research report on behalf of GIZ. with 4 main objectives:

## Examine existing practices

- Investigate established successful practices related to just transition in waste management within the ASEAN region.

## Evaluate circular economy transition

- Analyse the impacts and implications of transitioning toward a circular economy in the waste management sector

## Identify barriers and solutions

- Identify obstacles and propose effective mitigation strategies to facilitate this transition

## Create a practical guide

- Develop a guide of actionable recommendations for stakeholders, policymakers, and waste management professionals, including provisions for International Legally Binding Instrument

# CirculaRise Course

## Expert training in Just Transition for a Circular Economy

- Learn how to build and implement **Circular Economy strategies that ensure a Just Transition.**
- [CirculaRise](#) is a practical course providing an **implementation framework** practiced with an applied business case.
- For sustainability professionals, innovators, management & business consultants and people driving change in their organisations.
- **Join a Master Class** to learn more!
  - Friday 26 April – 11:00 – 12:30 UTC +2 (Berlin)
  - Thursday 2 May – 14:00 – 15:30 UTC +2 (Berlin)
  - Tuesday 7 May – 14:00 – 15:30 UTC +2 (Berlin)

# Incubation and Acceleration Programs

Yunus Environment Hub designs and implements programs that support social businesses move from ideation to growth stage through our CirculaRise Incubation and Acceleration programs.

Through our programs entrepreneurs can:

- Develop inclusive, circular business strategies
- Adopt a social business approach to develop innovative solutions
- Link Circular Economy to SDGs and ESG frameworks in theory and practice
- Design a viable and financially sustainable business model to achieve investment readiness
- Ensure a Just Transition within business operations and along the value chain
- Learn practicable tools for circular business transformation and impact measurement
- Gain new insights, capacities and perspectives from hands-on mentoring and coaching support from YEH trainers and subject matter experts

# Ending Plastic Pollution in Small Islands and Remote Coastal Areas



**Dr. Amardeep Wander**

Director and Founder  
WREN Consult



**Alfred Ralifo**

Senior Policy and Government Affairs  
Manager

WWF Pacific

# Contributors to the working group





### Small Islands & Remote Coastal Areas White paper



- An initiative of the Prevent Waste Alliance – SWG (supported by AEPW)
- Gather and present successful projects and initiatives from across the globe
- Assesses them against a framework of criteria
- Presents an analysis of this research and proposes key focus areas
- Highlights the work currently ongoing



# Case Studies

## Ecofiltro

### Summary

Ecofiltro is a social enterprise distributing reusable water filtration units across urban and rural areas in over 18 countries. It has implemented a pricing model whereby luxury models sold to urban consumers subsidize the sale and donation of more affordable basic units to rural households. The prohibition of single use plastics established through Guatemala's federal law contributed to the implementation of this initiative in Guatemala. Ecofiltro distributes filters to SIDS such as Belize and Haiti, as well as rural coastal communities in countries like Honduras, Guatemala, and El Salvador.



Guatemala, Belize, Haiti & Honduras

Category: 1a & 1b

### Challenges

- Production limitations due to manual labor.
- Rural payment non-compliance and exploring payment programs.

### Gaps

- Recycling program for plastic housing for filters.
- Educational programs related to water hygiene, sanitation, and impact of single use plastics.

### Economics

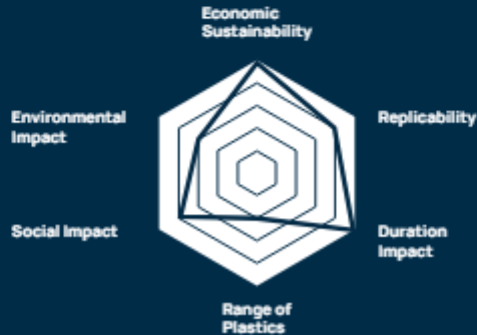
The cost of the most economical filters include: purifier for about USD \$28.40 and housing for USD \$42.60.

A family foundation funded Ecofiltro's initial 20 year operations. Current funding is generated from filter sales, carbon credits and external philanthropy.

### Outcomes

Use of Ecofiltro prevents the usage of more than 8,000 1-liter bottles or 400 liter bottles for a 7-person family annually.

In 2023, approximately 270,000 units were sold.



\*Caution: Scoring for assessment is conducted using the most reliable information available.

Enablers: Legislation & Finance

## Greening the XVI Pacific Games

### Summary

When Samoa was chosen to host the 2019 Pacific Games, the government and organizers saw a chance to shift attitudes toward single-use plastics among sports enthusiasts. Athletes received reusable water bottles, and refill stations were set up for athletes, officials, and spectators. Moreover, reusable bags were provided while food was served in compostable containers. Spectators were urged to bring their own reusable water bottles and food containers, further reducing single-use plastic consumption.



Samoa  
Category: 1a

### Challenges

- Altering perceptions to encourage participation.
- Maintaining the adequacy of the refilling stations.
- Ensuring compliance required intensive planning and monitoring.
- Encouraging spectators' participation.

### Gaps

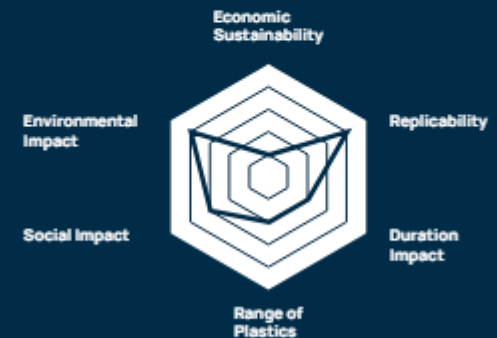
- Provision of reusable food container options.
- Incentive measures to encourage spectators to participate.

### Economics

UK Environmental Program, the Australian, French, New Zealand and UK Government contributed USD \$153,000 to support the event related project. Waste generation was half of usual per capita generation, resulting in waste management cost saving measures.

### Outcomes

9,000 reusable bags, 350 water refill stations and 8,000 1 liter reusable water bottles were provided. A sustainability report for replication was created. 150 of the refill stations were donated to schools post event.



\*Caution: Scoring for assessment is conducted using the most reliable information available.

Enablers: Awareness Raising & Finance

Reduce

Refuse

# What did we find?

**Initial success seen with:** enabling environment (collection systems, legislative reform, bans on SUPs, actions on the top of the hierarchy of actions)

**Challenges remain:** viable alternatives, economies of scale, logistics for recovery and recycling, EOL disposal infrastructure

**More attention needed towards:** Legacy materials, Disaster resilience, marine plastics, financing of removal and remedial actions

# Key action areas



Continue developing the enabling environment:

Collection systems,  
sustainable financing mechanisms,  
local food and water supply systems,  
legislative reform



**More R&D:** small scale solutions for **recycling** and replicability



More attention needed towards:

Solutions for **legacy plastics and marine plastics**

Incorporation of **disaster resilience** into project design

Consider **empowering and centering communities** and their lived, and intergenerationally transmitted knowledge

# WWF projects on plastic pollution in small islands

**Objectives:** reducing plastic waste leakage in the environment.

- **Support for the collection of data** to inform policies and activities
- **Development and improvement of policies and legislation** (legislation review to ban and phase out single-use plastics)
- **Improvement of waste management systems**, including the collection and recycling of plastics in partnership with the private sector and the improvement of infrastructure such as materials recovery facilities, especially in areas where formal waste management services are not available.
- **Raising awareness and strengthening the capacity** of officials and communities to address plastic pollution by sharing best practices, providing guidance, and conducting campaigns.



*Remote island communities - plastic awareness programmes with School and Local Communities*

*WWF supporting the improvement of a community waste bank in Nathon Community in **Koh Samui Island, Thailand***

# Challenges

- The absence and fragmentation of **policies and incentives** do not allow business to invest in alternatives like reuse and refill solutions.
- Lack of **standards and requirements** for products and systems to ensure that products are safely reused, refilled, repaired and recycled, and the use of recycled content.
- **Lack of recycling infrastructure and markets** creates high transportation costs and hinder recycling.
- Lack of requirements to ensure environmentally **sound management** of plastic waste.
- Lack of **public budget and financing** to invest in systems and infrastructure.



WWF establishment of a small Material Recovery Facility (MRF) in Cu Lao Cham Island, Vietnam

# WWF Recommendations for the plastic pollution treaty

Despite voluntary actions taken by states and other entities on small islands, as well as national and local policies and laws, the **challenges remain to address plastic pollution**. Projects on the ground show that small islands need the following global rules in the treaty:

- **Binding, global bans, phase-outs and phased reductions** to eliminate high-risk and avoidable plastic products and materials
- **Binding, global requirements on product design and performance** to ensure reduction, reuse and safe recycling for all plastic products
- **Binding, global minimum requirements on waste management systems** to ensure the environmentally sound management of plastic waste
- **Strong implementation support**, including a financial mechanism, technology transfer, technical assistance, and capacity building.

# Together for a Circular Economy

Reach out to us at:  
[prevent-waste.net](http://prevent-waste.net)





**Reuse**



**EPR**



**Plastic Credits**



**Digitalization**



**Social Inclusion**



**Small Islands and Remote Coastal Areas**