



BLACKFOREST
SOLUTIONS

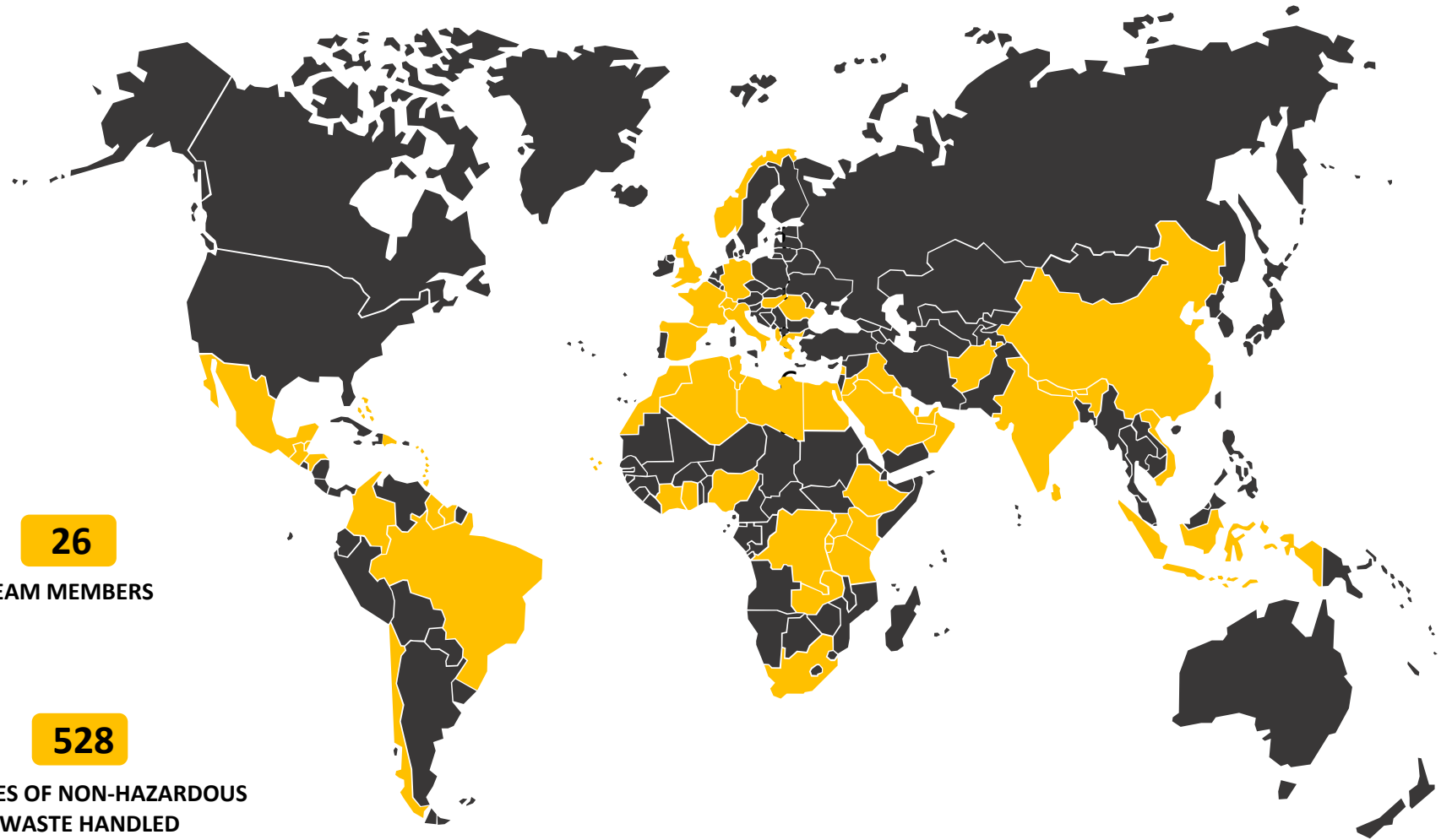
The background is a solid yellow color. It features several white, thin, abstract lines that form a network-like pattern. These lines are composed of multiple parallel paths that curve and connect, creating a sense of flow and connectivity. The lines are primarily located in the upper and right portions of the frame, with some extending towards the center.

WHO WE ARE.

THE
GROUP.



BlackForest Solutions: Since 2016, providing systemic and sustainable waste management solutions, empowering businesses, governments, and communities worldwide.



200

PROJECTS

62

COUNTRIES

12.700

TONNES OF HAZARDOUS
WASTE HANDLED

26

TEAM MEMBERS

528

TONNES OF NON-HAZARDOUS
WASTE HANDLED

A large, rusted industrial tank is mounted on a truck at a construction site. Two workers in dark blue uniforms and yellow hard hats are on top of the tank, one using a long-handled tool. In the foreground, two other workers are seen from behind: one in a yellow hard hat and a high-visibility vest with 'BLACKFOREST OPERATIONS' written on it, and another in a white hard hat and blue uniform. The background shows a clear sky and a fenced-in area.

WE BEGIN WHERE
OTHERS CEASE.

BLACKFOREST
OPERATIONS



what WE DO.

BFS

SERVICES PROVIDED
3 UNITS

TRANS-FRONTIER SHIPMENTS

We offer reliable and transparent disposal solutions to hazardous and non-hazardous waste globally

OPERATIONS

Our hands-on team provides on-site support ensuring compliance and protecting the environment

TECHNICAL CONSULTANCY

We listen to our clients to design and implement the best systemic solutions - from technical to cultural aspects, we foster efficiency

Trans-frontier Shipments

AND OPERATIONS

**BASEL CONVENTION
NOTIFICATION
SERVICES**

**Hazardous waste
LOGISTICS
MANAGEMENT**

**HAZARDOUS WASTE
eXPORT AND
Treatment**

**ONSITE SAMPLING &
REPACKAGING OF
WASTE**

Technical Consultancy

AND OPERATIONS

MATERIAL SOURCING

**ON-SITE PROJECT IMPLEMENTATION
AND OPERATIONS**

TECHNICAL PROCESS ADVISORY

**FORENSIC INVESTIGATIONS AND
TECHNICAL DUE DILIGENCE**

EPR ADVISORY

**TECHNICAL CONCEPT
DEVELOPMENT**

**CAPACITY BUILDING
PROGRAMS**

MARKET ENTRY STRATEGIES

TECHNOLOGY MEDIATION

VALUE PROPOSITION.

- ✓ **Technical and operational knowledge**
Experts' team with know-how in engineering & operations of waste treatment facilities, material science, and Trans-Frontier Shipments
- ✓ **Stakeholder engagement and active listening**
Local partners mapping and engagement - based on vast existing network
- ✓ **Quality assurance and continuous improvement**
Our services meet high quality standards based on German expertise and technology
- ✓ **Capacity building and knowledge transfer**
Training on waste management in line with international standards and innovative practices



REFERENCES.

EMISK – NATIONAL WASTE MASTERPLAN FOR KUWAIT

Technical Consultancy

- Country: Kuwait
- Client: Environmental Ministry of Kuwait



January 2017 – June 2021

Tfs

EXPORTING MERCURY CONTAMINATED WASTE FROM GUATEMALA

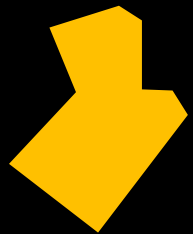
Trans-Frontier Shipments

- Country: Guatemala
- Client: REPELSA & REMONDIS



TIME TO

November 2017 – December 2018



Sustainable waste management solutions for tourism marine litter (touMaLi)

Technical Consultancy

- Country: Tunisia, Morocco, Egypt
- Client: BMU, University of Rostock, Leibniz Institute



May 2021 – April 2024



EXPORTING CYTOTOXIC WASTE FROM HOSPITALS IN LEBANON

Trans-Frontier Shipments

- Country: Lebanon
- Client: SOLUTION Lebanon

January 2019 – December 2019



TC

TECHNOLOGICAL SOLUTIONS TO REDUCE, REUSE, AND RECYCLE PLASTIC WASTE IN INDIA

Technical Consultancy

- Country: India
- Client: GIZ India



October 2021 – June 2023



TIME TO

TIME TO ACT





GREENFOREST
SOLUTIONS



THE
First
Spinoff.



PURPOSE.



Vision:

We **close the financing gap for Waste Management in Low- to Middle-Income Countries** to create environmental impact at scale.



Mission:

We are becoming a **global player in waste management** by creating **optimised Extended Producer Responsibility** schemes where they are needed the most.



what WE DO.

GFS

SERVICES PROVIDED.

EPR Consultancy

We listen to our clients to design and implement the best systemic solutions - from technical to cultural aspects, we foster efficiency.

**Tailored
solutions**

PRO Operations

Our team provides Producer Responsibility Organisation (PRO) services ensuring our client's compliance by safely handling waste in an environmentally sound manner.

EXTENDED PRODUCER RESPONSIBILITY (EPR).



OUR Focus on Underserved Markets.



!Inadequate funding!



Lack of infrastructure



Limited public awareness



Incomplete value chains



Informal sector prevalence



Untapped and essential!

The global plastic waste management market size reached

35.4 billion EUR

CAGR of 5%
from 2023 to
2032

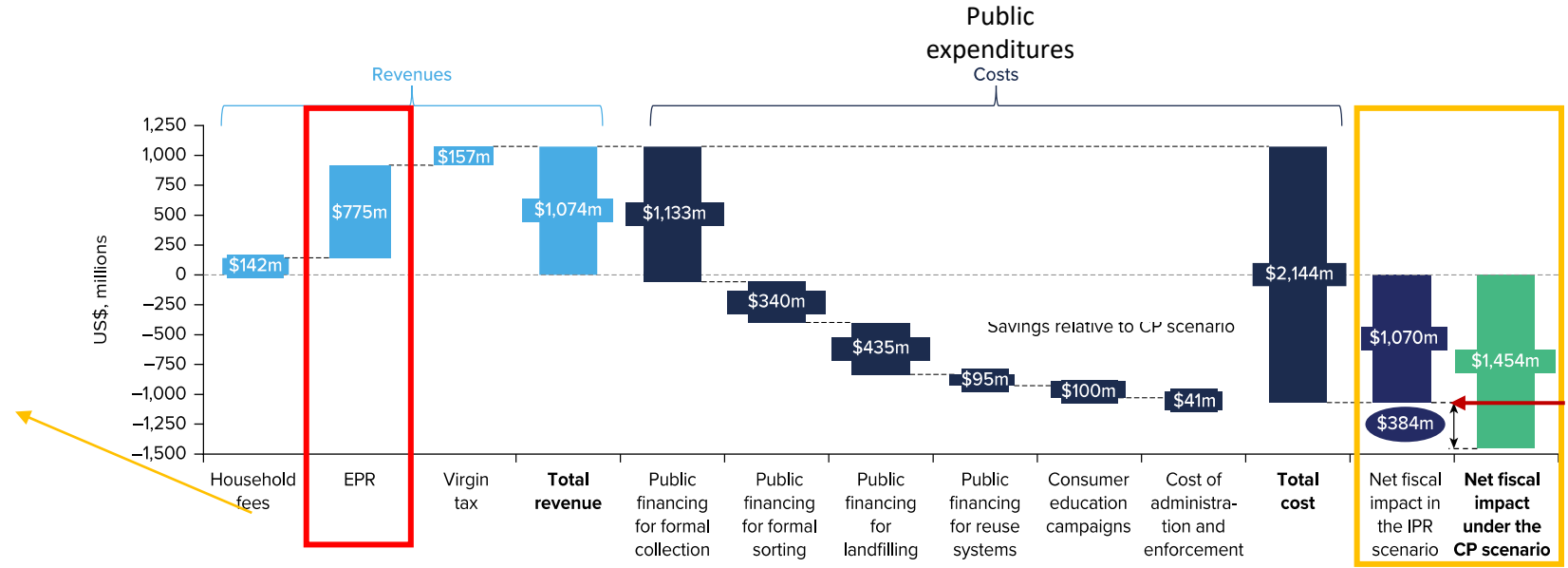


Large public financial impact.

EPR frameworks are endorsed by the World Bank as a mean to reduce the burden on public budgets for reforms on plastic waste

Indonesia: Annual net fiscal impact, national & subnational Governments, including all MSW public spending attributed to plastic waste

EPR would generate 72% of revenue



Fiscal savings relative to current policy scenario

-26% net fiscal impact

Source: DRIFT 2023 based on <https://openknowledge.worldbank.org/handle/10986/37285> based on the WORLD BANK PLASTICS POLICY SIMULATOR (PPS)

Small burden on consumers.

< 0.001% Increase to cost of loaf



2.30 EGP/loaf

add 3 EGP/kg additional
on packaging cost

Approximately 200
bags/kg

EPR Fee = 0.0015 EGP/bag



2.3015 EGP/loaf

How to introduce EPR.

Ministry introduces EPR regulations



Outline the EPR scheme, e.g.,

- Product scope
- Obligated producers
- Collection & recycling targets
- Reporting standards
- Etc.

Appointed governmental agency implements regulations



- Provide legal and regulatory support for the PRO
- Monitor compliance with environmental regulations

PRO assumes operational responsibility



The Producer Responsibility Organisation (PRO).

Authorities

- Provide **legal and regulatory support** for the PRO
- **Monitor compliance** with environmental regulations



The PRO

- **Organises the compliance of producers with EPR legal obligations and targets**
- Platform **linking** private and public **stakeholders**
- **Transparent** vehicle guaranteeing accountability
- **Self-financing**, funded by producers, generally in proportion of market share

THANK YOU

Thank you!



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