



Safripol Sustainability Conference 2024

EPR in Action

Francois Marais

Executive: Stakeholder & Projects





WHO IS POLYCO?

PRO Implementing EPR

Polyco PRO is a non-profit company **progressing the collection and recycling of plastic packaging.**

We promote the responsible use and recycling of all plastic packaging at the end-of-life within the circular economy, with the aim of ending plastics waste in our environment.

EXTENDED PRODUCER RESPONSIBILITY

We represent them all.



PET



PE-HD



PVC



PE-LD



PP



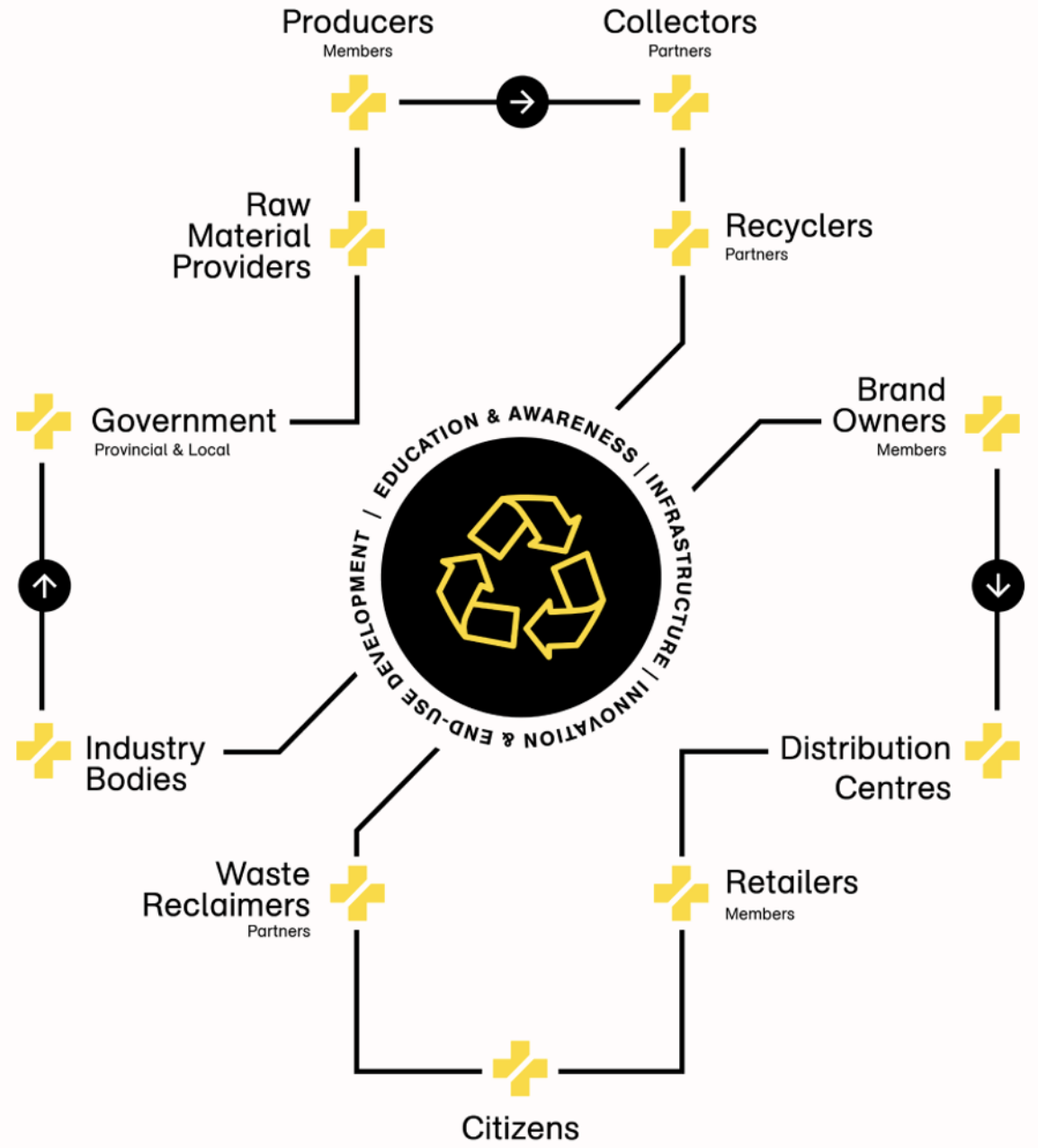
PS



MULTI-LAYER



Collaboration stakeholders.





PEPSICO



Unilever



Nestlé



RCL
FOODS



AFRIPACK
A PROGRESSIVE PACKAGING COMPANY

Massmart

powered by Walmart

POLYOAK
PACKAGING



Nampak
packaging excellence

Coca-Cola



WOOLWORTHS

Plastics | SA



TROPIC PLASTIC
TROPISTAR™ ICE | TROPISEAL™ MAXX | TROPISTAR™ PLUS

CLICKS

Pick n Play

sasol



SAFRIPOL™

DOW

SHOPRITE



**forestry, fisheries
& the environment**

Department:
Forestry, Fisheries and the Environment
REPUBLIC OF SOUTH AFRICA



Polyco

ANNUAL MEMBERSHIP CERTIFICATE

This membership certificate
serves as proof that

INSERT MEMBER NAME HERE

is a registered member of Polyco PRO NPC's (Polyco) Extended
Producer Responsibility (EPR) Scheme with EPR Registration
Number: 19/7/5/PRO/20210517/002.

Polyco is a registered Producer Responsibility Organisation (PRO)
with an EPR Scheme in accordance with South Africa's National
Environmental Management: Waste Act, 2008 (Act No.59 of 2008)
Regulations Regarding Extended Producer Responsibility.

Jeremy Mackintosh
Polyco Chairman

Patricia Pillay
Polyco CEO

Collaboration
Stakeholders.

Over **650+**
Members.

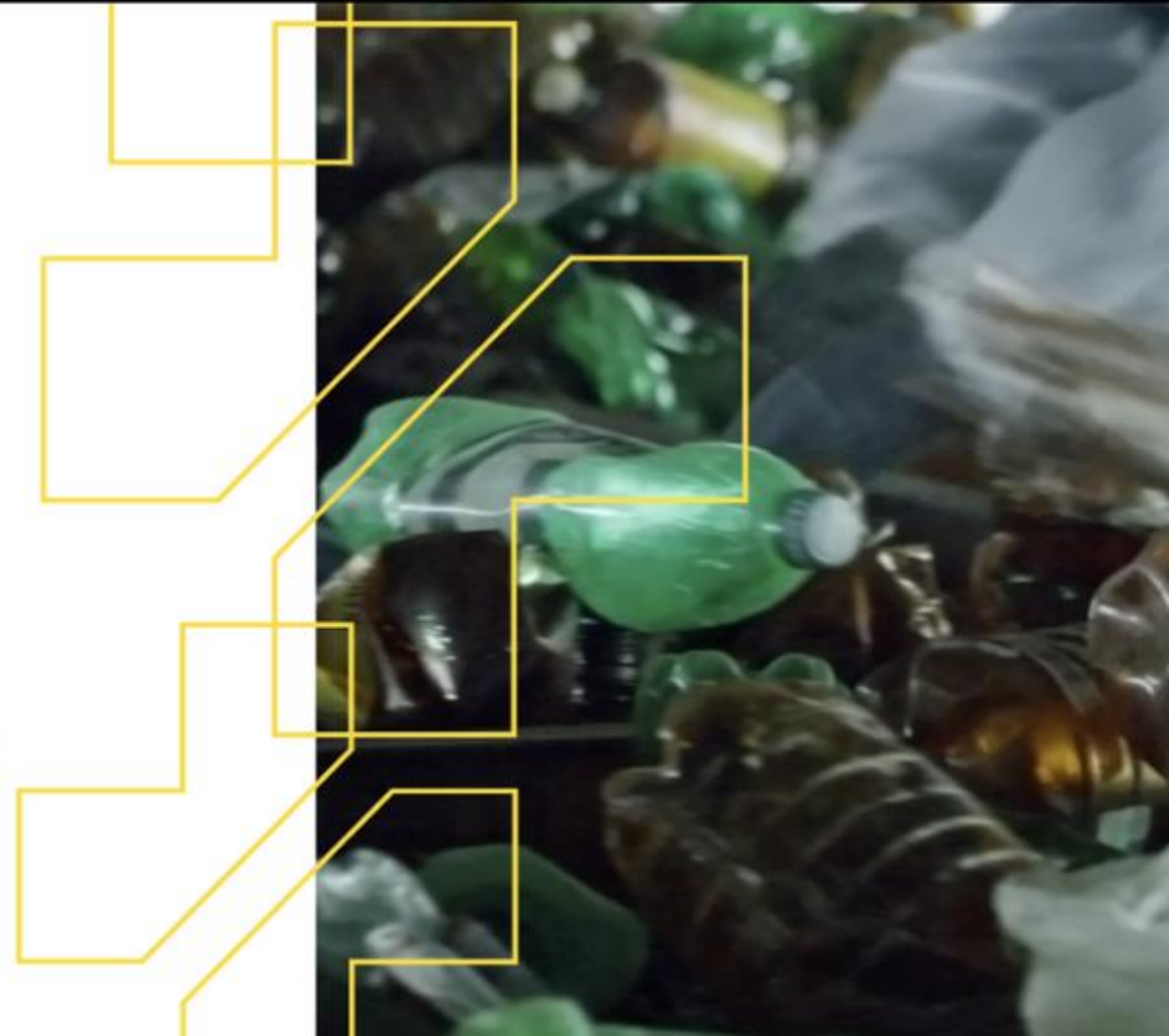
OUR ACHIEVEMENTS

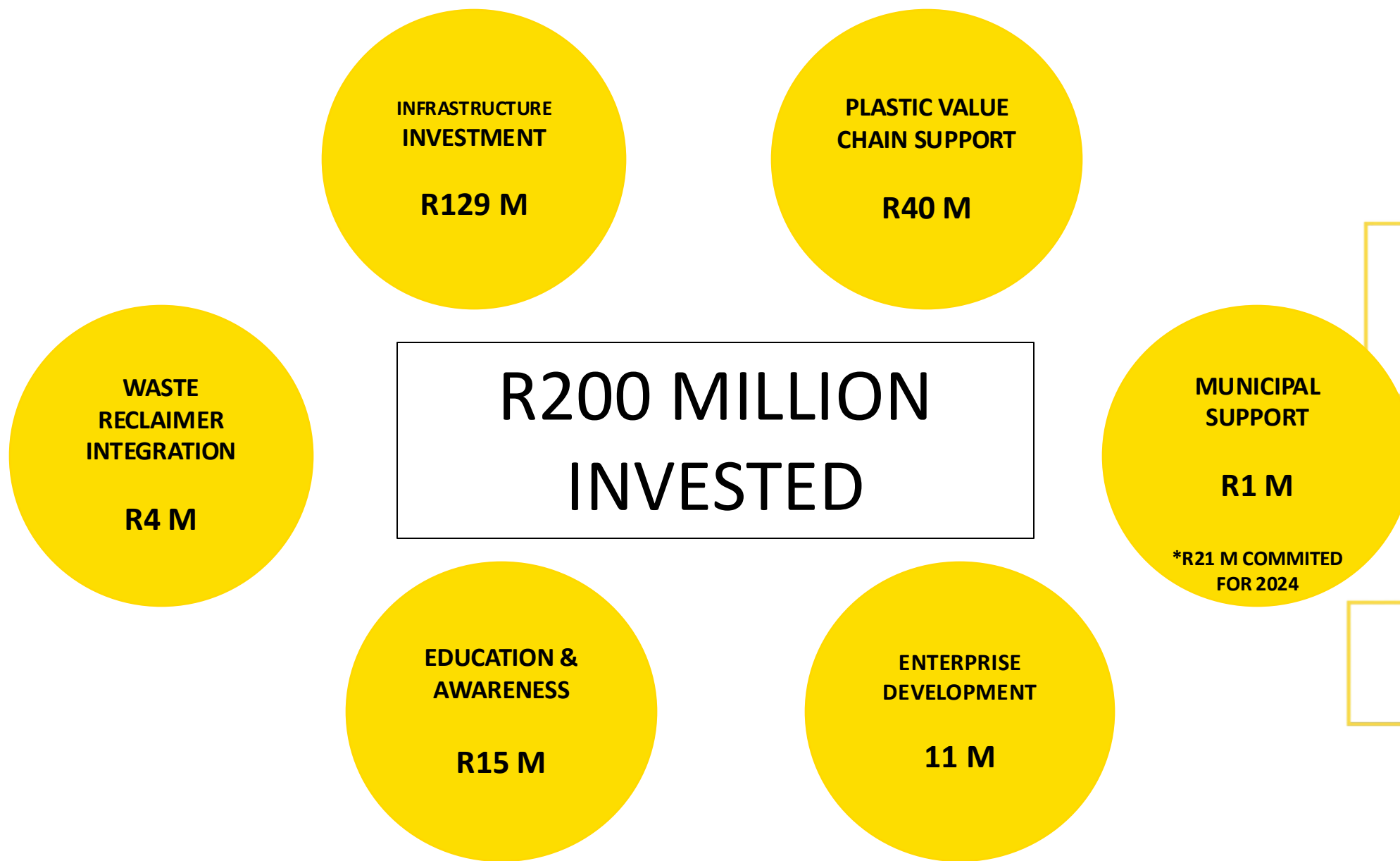
-  Over R200 Million Invested.
-  Over 300 000 tonnes of growth.
-  Over 145 project partners.
-  Over 15 000 jobs supported annually

JANUARY 2022 – JUNE 2024

EPR WORKS

With 650+ committed members supporting EPR





EPR legislation allowed for 20% of EPR fees for administrative cost in 2022 reducing to 12% in 2024 (Polyco is operating below the legislative allowed administrative cost with an accumulative net saving of R5 M. This is not included in the R200 M invested spend.

1

INFRASTRUCTURE INVESTMENT

Mobile Trailer (3m & 4m)



Mobile Truck & Trailer (6m)



Pop-Up Units



Static Units



Energy Solutions



Baler



Extruder



2

PLASTIC VALUE CHAIN SUPPORT



Plastics | SA

paper & packaging
PRO ALLIANCE

3

WASTE RECLAIMER INTEGRATION

Ablution Toilets



Dignity Packs



Collection Trolleys



4

MUNICIPAL SUPPORT



Educating South African Youth on Recycling

Polyco PRO is a non-profit company progressing the collection and recycling of plastic packaging.



Scan here:



Clean
Sort
Recycle

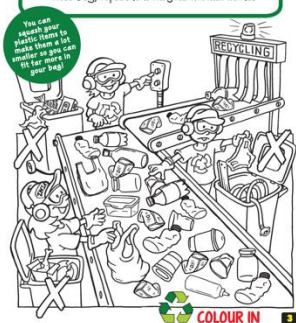
Engaging with **2.6 Million** learners in over **2600** schools and **120 000** educators across South Africa.



Why should we collect and recycle?

- It reduces litter
- It reduces pollution in the air
- It saves energy
- It looks after nature
- It leaves the planet a better place
- Used packaging has value

Colour in the word.



CLOUR IN



Million Plus IT'S A NUMBERS GAME

The Polyco Recycling Revolution

What do the numbers on plastic containers mean? When you look underneath most plastic containers, you will see a small number inside a three-angle triangle. The triangle is a symbol for recycling and the number tells you what kind of plastic the container is made of.

1	Clear, tough plastics such as cold drink, juice and water bottles.
2	White or coloured plastic containers that hold milk and shampoo or cleaning products.
3	Hard, rigid, clear plastic containers.
4	Soft, flexible plastic bottles (that you can squeeze) and plastic bags.
5	Hard, flexible plastic containers like ice-cream tubs and lunch boxes.
6	Rigid, brittle plastic like small yoghurt tubs and foam/polystyrene containers.
7	Multi-layered packages such as sauce sachets, soup packets and crisp packets.

SAVE OUR PLANET BY RECYCLING!
Why should we collect and recycle?
It helps our planet not to run out of energy and resources, and makes it a better place to live. It keeps the environment clean by reducing litter and air pollution. Used packaging has value when it is recycled.

BE ONE IN A MILLION!
The Million Plus Recycling Revolution...
It helps our planet not to run out of energy and resources, and makes it a better place to live. It keeps the environment clean by reducing litter and air pollution. Used packaging has value when it is recycled.

Sign-up here for more details... www.millionplusrcyclers.co.za

5 STEPS TO RECYCLE AT SCHOOL

- 1 SPOT THE RECYCLABLE ITEMS.**
Examples: Cold drink bottles, beer bottles, water bottles, small yoghurt tubs, foam containers and crisp packets.
- 2 CLEAN AND DRIP DRY THE ITEMS.**
Do not use clean drinking water. Use used water.
- 3 PLACE THE CLEAN RECYCLABLE PLASTIC INTO THE RECYCLING BIN.**
- 4 ONCE YOUR ITEM HAS BEEN PLACED IN THE RECYCLING BIN, A LOCAL COLLECTOR WILL COLLECT IT.**
- 5 YOU HAVE SUCCESSFULLY HELPED KEEP YOUR ENVIRONMENT CLEAN. WELL DONE!**

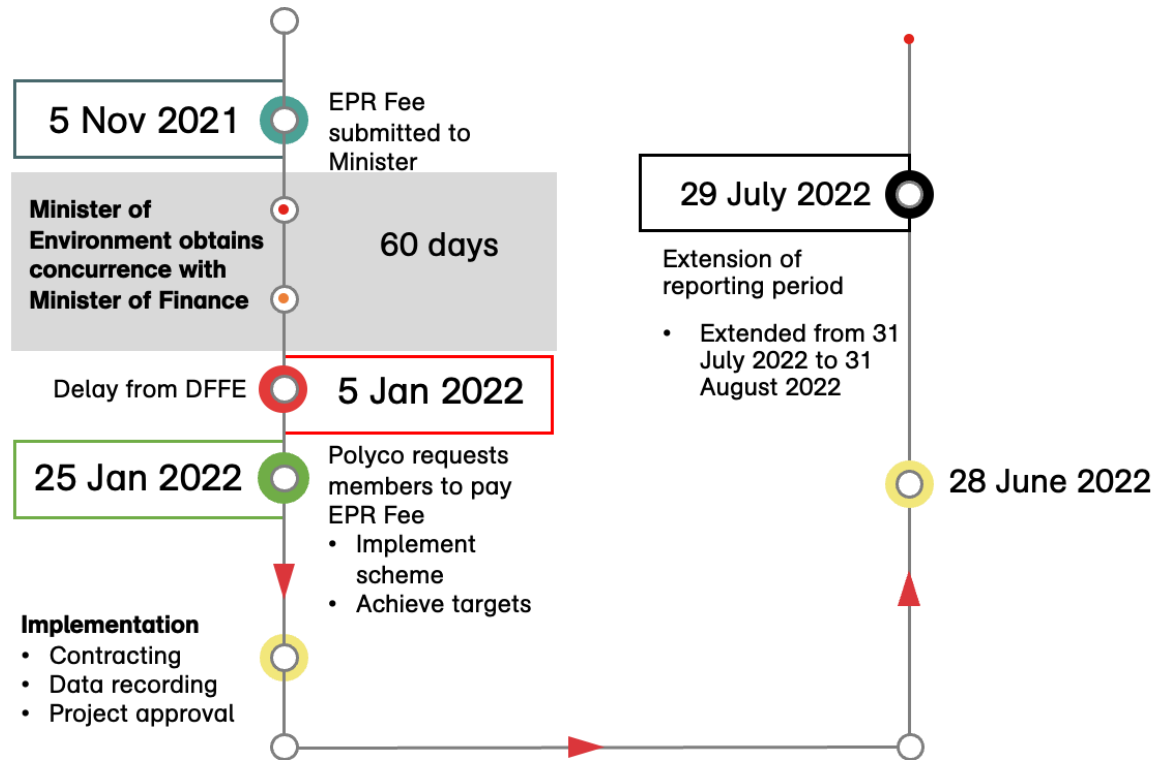
Million Plus www.millionplusrcyclers.co.za

6

ENTERPRISE DEVELOPMENT



PROS IN SOUTH AFRICA



PRO Alliance

7 PROs in the alliance:

- **Polyco:** Focuses on all plastic packaging.
- **PETCO:** Manages PET plastic and LBP
- **MetPac-SA:** Handles metal packaging.
- **The Glass Recycling Company:** Deals with glass packaging.
- **Fibre Circle:** Manages paper and paperboard recycling
- **EWASA:** All materials.
- **Circular Energy:** All material



Over 30 registered PROs dealing with electronic waste, lighting, paper and packaging registered in SA.

The alliance focuses on Municipal Collaboration and Waste Pickers

CHALLENGES IN THE MARKET:



Difficult to collect & recycle materials



Number of PRO's



Lack of Separation @ Source Initiatives



Waste Picker Integration



Free Riders



Incorrect Plastic Stream Reporting



Delayed concurrence by the Minister



Global Treaty



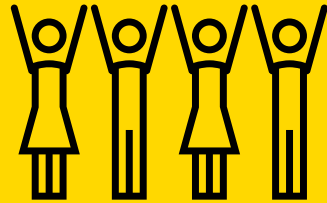
ENTERPRISE DEVELOPMENT

The Enterprise Business Development funding supports the growth of Small, Medium, and Micro Enterprises (SMMEs) within South Africa's recycling sector. Polyco aids companies by facilitating infrastructure development, providing equipment, initiating educational programs, and offering training opportunities.

PROJECTS AIM TO HAVE A PARTICULAR FOCUS ON:



WOMEN



YOUNG PEOPLE



PERSONS WITH
DISABILITY



ACCESSING AREAS WHERE
RECYCLING IS NOT DONE
OR HARD TO ACCESS

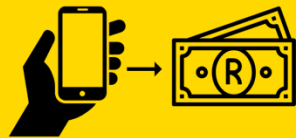


PREVIOUSLY
DISADVANTAGED

FUNDING CATEGORIES:



EQUIPMENT &
INFRASTRUCTURE



ACCESS TO WEIGH-PAY
CASHLESS PAYMENT SYSTEM



TRAINING &
WORKSHOPS



MARKETING SUPPORT
(SCHOOL & COMMUNITY)
EDUCATIONAL MATERIAL



BINS



BUY BACK CENTRE CONTAINER



BUILDING MATERIALS
AND LABOUR COSTS



FINANCIAL SUPPORT FOR
BURSARIES

FUTURE PLANS:



Build collection network

- Ensure that recyclable collectors are supported (logistics)
- Work with them to be able to record total material being collected
- Mini MRF's to be placed nationally



Packa-Ching as a vehicle to unlock separation @ source

- Locate in areas that citizens can access (retail and municipal)
- Further increase mobile solutions to access citizens that do not have services
- Increase awareness (public) education



Transformation

- Enterprise Development – Growing Entrepreneurs for Women, Youth & Disabled



EPR Regulations

- Post 5-Year period



Work with members on product substitution and D4R

- Members are changing their products, e.g. Multilayer material to multilayer mono-polymer
- Ensure that during the selection process, that the material can be processed in South Africa
- Work with recyclers and collectors on identifying these products and develop solutions for recycling opportunities



DFFE Focus

- More DFFE Municipal Collaborations
- More Waste Picker Integration
- Transformation



Expansion

- Polyco's vision is to expand into Southern Africa (i.e. Zambia, Mozambique, Botswana & Mauritius)





Polyco

FRANCOIS MARAIS

Executive: Stakeholders & Projects

francois@polyco.co.za

www.polyco.co.za