



# Polyco

**Celebrating a Decade of Collaboration**

## 2020-21

## ANNUAL REVIEW

Making waste work  
[www.polyco.co.za](http://www.polyco.co.za)



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## 1. INTRODUCTION

**Polyco, the Polyolefin Responsibility Organisation non-profit company (NPC), is focused on making waste a valuable resource that works for the economy.**

Polyco aims to grow the collection and recycling of plastic packaging in South Africa and to promote the responsible use and reuse of this plastic packaging. Our mission is to reduce the amount of plastic packaging going to landfill and to end plastic waste in the environment. We do this by collaborating with multiple

stakeholders, by investing in recycling innovation and infrastructure in South Africa, and by educating both the industry and the consumer about recycling. Historically, Polyco has represented polyolefin plastic packaging only, but a recent Board decision, which has been ratified by the members, has been taken to broaden our scope of activities to manage all plastics under extended producer responsibility (EPR).

Polyco was established as a non-profit organisation in 2011 by a group of South Africa's responsible polyolefin plastic-packaging converters to deal with polymer identification codes 2, 4, 5 and 7, and represents the largest polymer group in South Africa.

Over the past 10 years, Polyco has been funded by our members, who have paid a voluntary levy for every tonne of virgin polymer purchased from either local or overseas raw material suppliers, and in turn Polyco has ensured that their extended producer responsibilities are performed.

The year 2021 is Polyco's 10th anniversary and we celebrate how we have directly and successfully supported the growth of plastic recycling in South Africa over the last 10 years. Alongside this, we welcome the new EPR regulations and all of our newest members.

WHAT POLYCO DOES



2. POLYCO'S ACHIEVEMENTS

More than  
**R65 million**  
available for project  
funding in South Africa

More than  
**7 500**  
jobs created

More than  
**64 000**  
tonnes of polyolefin  
**plastic collected**  
by the collection projects  
in which we have invested

More than  
**26 000**  
tonnes of polyolefin  
**plastic recycled**  
by the recycling projects in  
which we have invested

**Expanded** the  
national footprint  
of the innovative  
collection business  
**Packa-Ching®**  
to seven units and  
developed the  
**Packa-Ching®**  
Pop-Up model

Grew awareness of the  
**Million+ Plastic  
Recycling  
Revolution**  
campaign with  
consumers **across  
South Africa**

**33%**  
of funding went to  
**BEE**  
projects over the  
last year



**2**  
**HDPE**

**4**  
**LDPE**

**5**  
**PP**

**7**  
**OTHER**





### 3. MESSAGE FROM THE OUTGOING CEO

MANDY NAUDÉ



“A journey of hearts and minds”

Ten years! What a milestone for the team at Polyco and for its responsible industry members, a group of like-minded polyolefin packaging producers who are passionate about our environment, who made this happen.

It seems like a lifetime ago that I joined Polyco as the first permanent employee in January 2014 and shared office space in the attic of the PlasticsISA Maitland offices. Putting the fundamental building blocks in place, recruiting the incredible people who form part of the team and then implementing the agreed strategy have been the journey of a lifetime.

Being able to implement Polyco’s funding support business model, as part of our voluntary EPR programme, has provided us with the opportunity to get to know our collection and recycling value chain partners really well over the last decade. What a great group of people and companies.



It is an incredible experience to be able to support a deserving company – one that is already working hard and doing a great job – to grow further and to do even more to help make polyolefin packaging waste a valuable resource for our economy. I would like to acknowledge the Polyco Board and our Polyco members when it comes to how they have embraced the support of the value chain across all polyolefin substrates – rigid, flexible and multilayer packaging – to build the knowledge base and relationships in preparation for mandatory EPR. Without this robust level of support, the Operations team would not be in the strong position we are in today, ready to transition to mandatory EPR in South Africa.

**Polyco’s philosophy of collaboration has meant relationships have been built over the shared vision of a litter-free South Africa, a vision where used packaging waste is seen as having immense value for recycling.**

Over the last five years it’s been tough to see the explosion of media coverage of “the plastic problem”, which resulted in a global tipping point among global industry players and citizens in terms of their plastic packaging and its impact. In a way it’s been difficult to be a leader of a producer responsibility organisation (PRO) and wear two hats, one that sees the incredible benefits of plastic packaging in society and the other one that sees the devastating environmental impact if people do not act responsibly with their plastic packaging once they’re done with the product. This difficulty we experienced

**inspired Polyco to launch the Million+ Plastic Recycling Revolution campaign, to bring about a change in consumers’ attitudes and behaviours**

and to highlight the fact that companies as well as citizens all have a role to play; we all need to recruit “plus one more” person to understand the value of used plastic packaging, to get them to start recycling and to end litter in the environment.

At the heart of what we do at Polyco is to positively impact on people and the environment in an effective and efficient manner. Packa-Ching is Polyco’s innovative business model that has without a doubt touched the hearts of most people we have interacted with over the past four years. While developing the concept and business model, we envisioned what a difference this could make to South Africa! Seven Packa-Ching units are now operating, three million kilograms of used packaging have been collected (which is almost 2 000 6m<sup>2</sup> sea containers’ worth of packaging removed from the environment that would have gone to landfill) and more than R2,5 million has been paid to community members who need it the most, just for doing the right thing and seeing the value in this used packaging material. Our sponsors, Shoprite and Sasol, saw this vision and believed in it. Thank you to the amazing people in these organisations who work with Polyco as partners to help clean up our beautiful country.

**There are so many initiatives and projects that I’m proud to have been involved in, some of which will only be launching after I’ve left Polyco at the end of July, namely the Buffalo City Municipal Project and the first Packa-Ching Pop-up unit.**

Having the support of a Board who welcomed innovation and a forward-thinking approach has been a major benefit to the Polyco Operations team, allowing us to maximise our impact as a business and providing us with a role that is so much more than a job – it’s a purpose.

Polyco is destined to grow and develop extensively under mandatory EPR, and under the leadership of Patricia Pillay as the new CEO of Polyco, combined with the passion of the Polyco Operations team, I know that the heart of Polyco will continue to beat strongly.

There is so much I could say, but my final message is to every person I have ever interacted with over the past seven and a half years: thank you for enriching my journey at Polyco. Take care.

**Until I see you again...**

*Mandy*





### 3. MESSAGE FROM THE CHAIRMAN

#### JEREMY MACKINTOSH

Just over 11 years ago, a group of 30 packaging manufacturers got together at Montecasino to discuss the need to form a company to prepare for the Industry Waste Management Plan.



**We needed to do something for our industry and to make a difference to the state of our country.**

Back then we agreed to focus on polyolefins – high-density polyethylene (HDPE), low-density polyethylene (LDPE) and polypropylene (PP) (2, 4 and 5). And so Polyco NPC was conceived. Our first Board meeting was held a year later at the PlasticsISA offices on 15 July 2011 and was attended by:

- J Mackintosh (Polyoak)
- C Muller (Astrapak)
- B Mahl (Safripol)
- R Rodger (Nampak)
- A Hanekom (PlasticsISA) by invitation
- S Ozinsky – by invitation
- R Thomas – by invitation



In 2010, the industry recycled 179 000 tonnes of polyolefins. In 2019, 247 000 tonnes of polyolefins were recycled for the year. This is a compound growth rate of 3.6% over the nine years, whereas virgin output grew by just 1.24% per annum. (South Africa's population growth was 1.6% compounded per annum.)

- Fact 1: Plastics attract a lot of negative attention because they pollute the environment.**
- Fact 2: The root cause is that our waste collection services are poor.**
- Fact 3: Humans litter.**

These three facts are our main curse. We aim to become a powerful force for change to make a real difference. We are proud of what has been achieved in our first 10 years. A special thank you goes to outgoing CEO Mandy Naudé, who, together with her team, built Polyco into a leading PRO. There is lots to be proud of. Thank you, Mandy!

Plastics are a valuable resource. We are fortunate that there are many uses for recycled polyolefins in almost every sector of our economy and that this, coupled with the lower costs that recycled materials offer, has created the R2.4 billion per annum market for recycled polyolefin plastics. This in turn drives growth of recycled output and employment.

What keeps us awake at night is that there is obvious failure to collect domestic waste all over the country (urban and rural) and that our poorer communities are immersed in litter (of all types).

The arrival of the new EPR legislation and the need for retailers, brand owners and packaging manufacturers to collaborate together and with elements of government and the recycling industry led our Board to expand Polyco's focus to cover all plastics as an essential first step towards making a much-needed difference.

We now cover all plastics and will constitute a powerful "one-stop" coalition to tackle all the polymer types where the pollution begins:

1. Polyethylene terephthalate (PET)
2. HDPE
3. Polyvinyl Chloride (PVC)
4. LDPE
5. PP
6. Polystyrene
7. Other

All these materials are now under our management.

We are not going to recycle our way out of this, but yes, we will recycle. A fundamental change in behaviour, educating and holding people and organisations accountable, is the key to tackling the issues we face.

I therefore predict that in future, all of us working together will make a real difference. We need to be proud of the positive contribution that plastics make to enable our standard of living. We need to move from defensive to offensive on the war on litter.

Thank you to all of the thousands of people who get up every morning to work to extract value from packaging waste.

Thank you to all municipalities and individuals who do the right thing. If you don't, then it is time to change. Thanks to our Board for their dedication, enthusiasm and support.

A special welcome to our incoming CEO, Patricia Pillay. We wish you a long and productive stay.

To all corporates, please join Polyco and become part of the difference. To all individuals, please join our Million+ initiative.

**Polyco**

**Million**

**Together we will make a difference. I urge you to join us.**

Thank you. *Jeremy Mackintosh*



4. EXTENDED PRODUCER RESPONSIBILITY IN SOUTH AFRICA

On 5 May 2021, the Department of Forestry, Fisheries and Environment (DFFE) published the final section 18 EPR regulations for the paper and packaging industry, electrical and electronic industry and lighting industry in *Government Gazette 44539*.

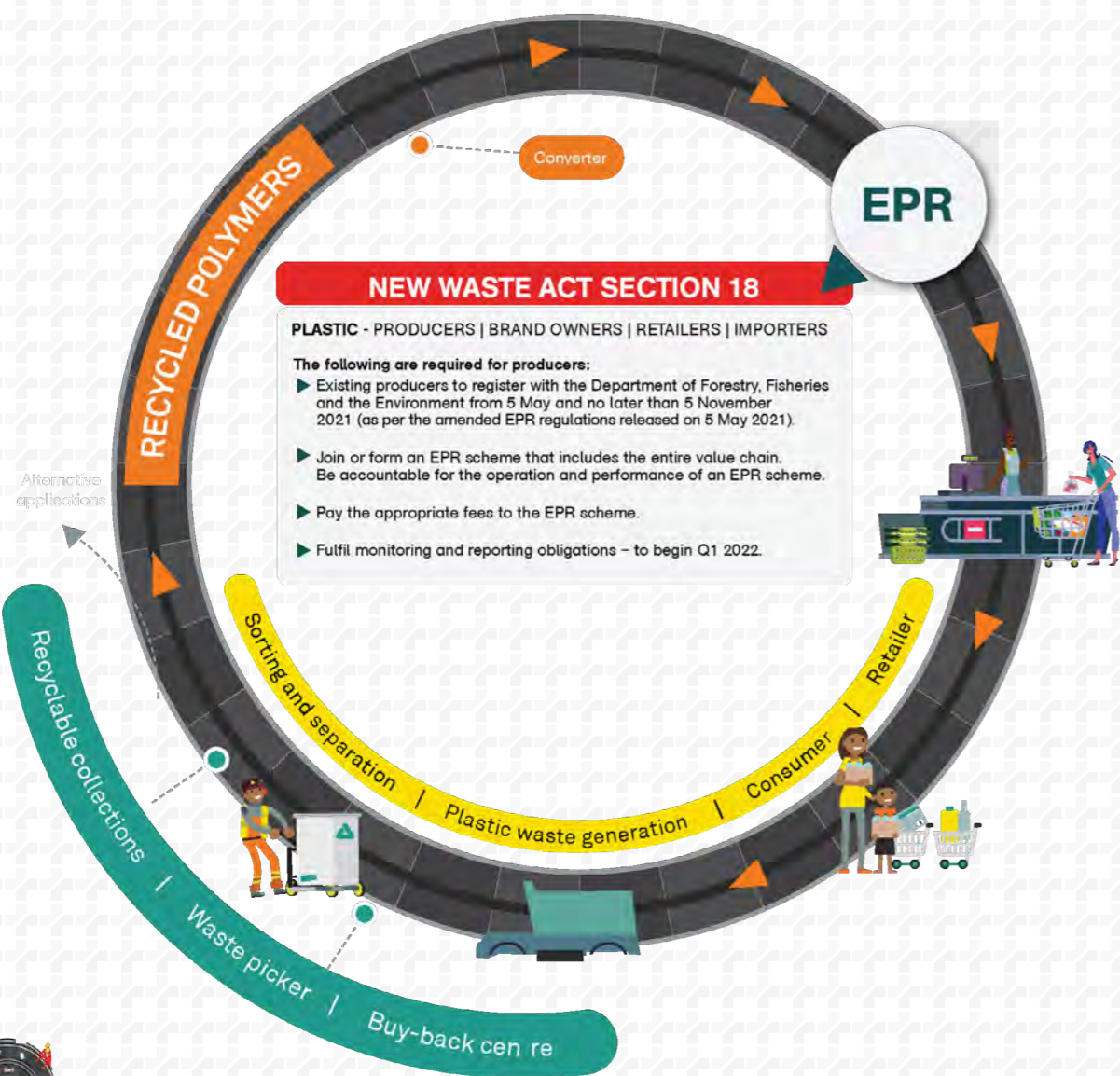
Obligated producers have until 5 November 2021 to register with the DFFE on their site and ensure that all identified products are covered by an EPR scheme. Obligated producers can either join an existing PRO, form a new PRO or develop and submit an independent EPR scheme.

Under these EPR regulations, legislated for implementation from 5 November 2021, producers, through their PROs or

independent schemes, are legally mandated to manage their products at end of life in order to grow the downstream reuse and recycling of their materials to achieve the published legislated targets.

Polyco committed to represent its members in all three areas of polyolefin packaging under three separate EPR schemes, namely **rigid polyolefin packaging, flexible polyolefin packaging and multilayer packaging**.

In addition, a recent Board decision, which has been ratified by the members, has been taken to broaden Polyco's scope of activities to manage all plastics under EPR.



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## 5. POLYOLEFIN RECYCLING STATS

The Covid-19 pandemic and South Africa's lockdowns had a profound negative effect on the polyolefin recycling sector last year, seeing an overall activity drop in the sector of 15% from 2019.

The nationwide decrease in economic activity impacted on recyclers, causing an **overall decrease in recycled volumes**. Some recyclers closed for the initial Covid-19 lockdowns and only commenced activities three or four months later. The industry also experienced **less recyclable waste available for recycling** owing to alcohol restrictions and reduced trade in general. This caused a reduction in tertiary/logistics packaging materials such as pallet wrap and shrink wrap, which are very popular for recycling. **Waste pickers were also less active during lockdown** and fewer materials were picked from landfills.

Overall, polyolefin demand for recyclate for packaging applications continued, but recyclers could not supply sufficient tonnages, especially for carrier bags and general packaging. **More recycled PP went into packaging than in 2019, and recycled PP was used for general-purpose crates and bins. Personal and domestic-care packaging saw a small increase in demand for recycled PP and HDPE. The demand for recyclate for flexible packaging, specifically refuse bags, decreased substantially from 2019 to 2020; 43% fewer recycled tonnages went into black refuse bags.**

### Polyolefin (LDPE, HDPE and PP)

tonnages collected for recycling dropped by 38 962 tonnes year on year for 2020.

38 962 tonnes

### Polyolefin recyclate produced

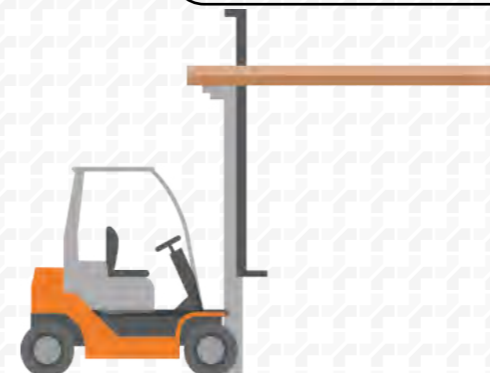
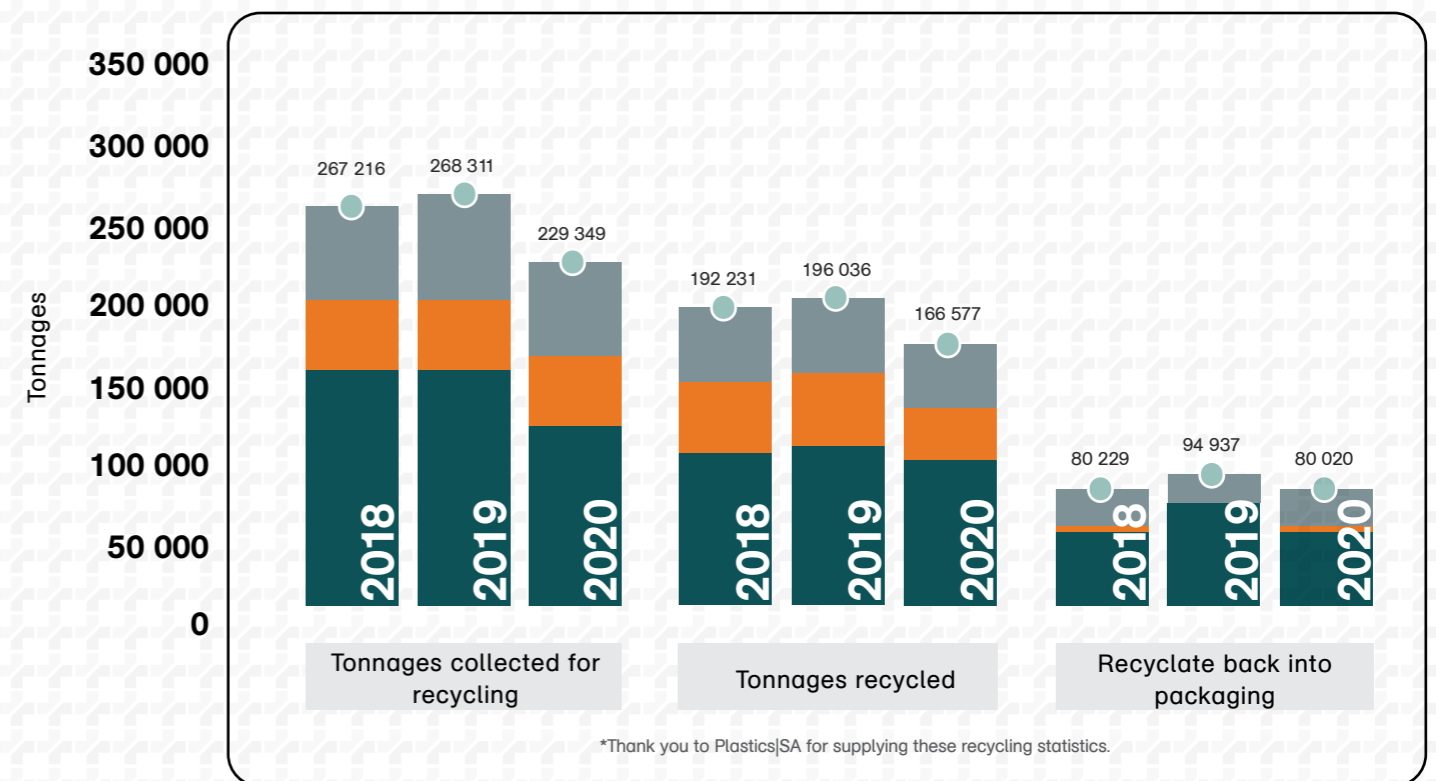
dropped by 29 459 tonnes year on year for 2020.

29 459 tonnes

### Polyolefin recyclate used in packaging applications

reduced by 14 917 tonnes year on year for 2020.

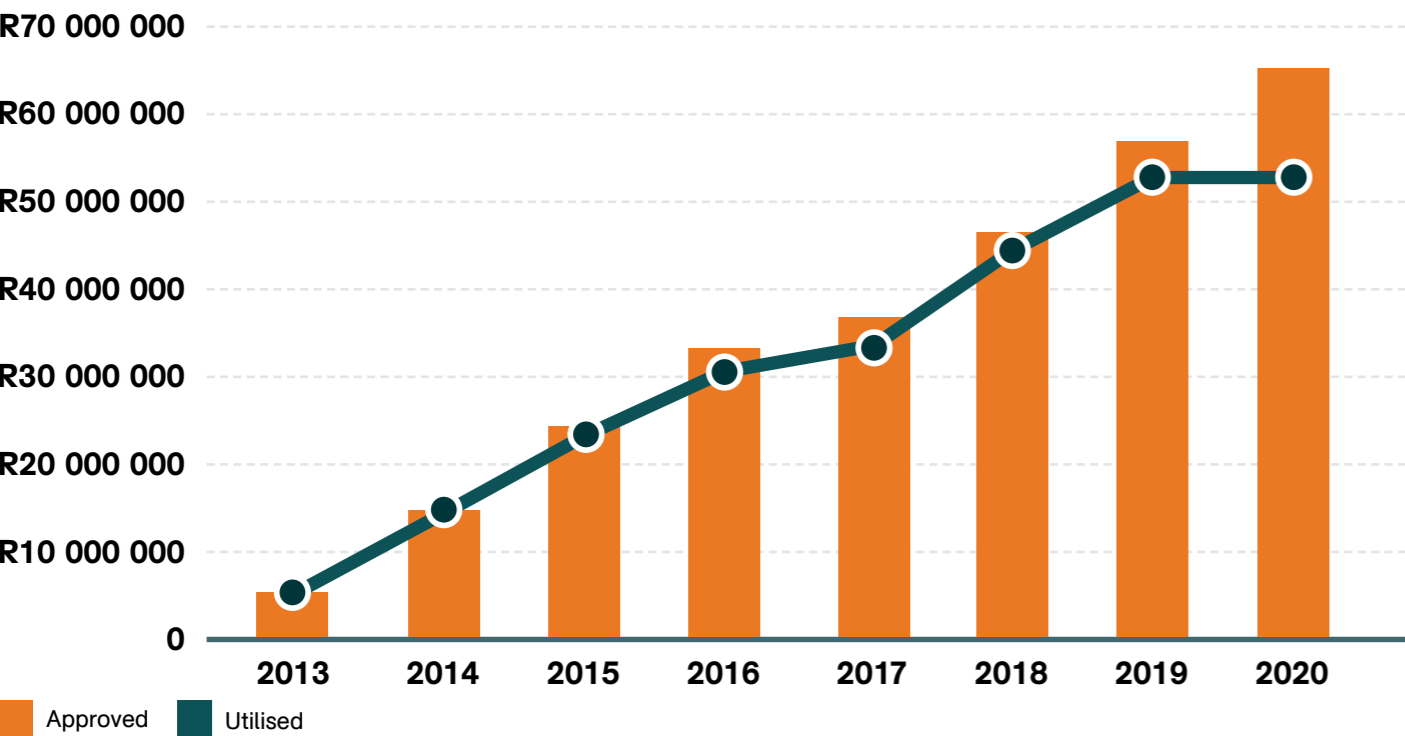
14 917 tonnes



PE-HD PP PE-LD Polyolefins



6. PROJECT FUNDING AND SUPPORT



Cumulative Project Funding Support to Date

From 2013 to 2020 more than **R65 million** has been made available for project support funding for collection, recycling and end-use development projects across South Africa. Covid-19 had an impact on our funding, approving only one

project in 2020, with six other projects being delayed until 2021. We provided more than **R840 000 in Covid relief** and loan payment holidays to assist businesses to remain operational during the national lockdown.



Polyco-funded collection projects



COLLECTED  
**64 000**  
tonnes of  
polyolefin packaging



Polyco-funded recycling projects



RECYCLED  
**26 000**  
tonnes of  
polyolefin packaging



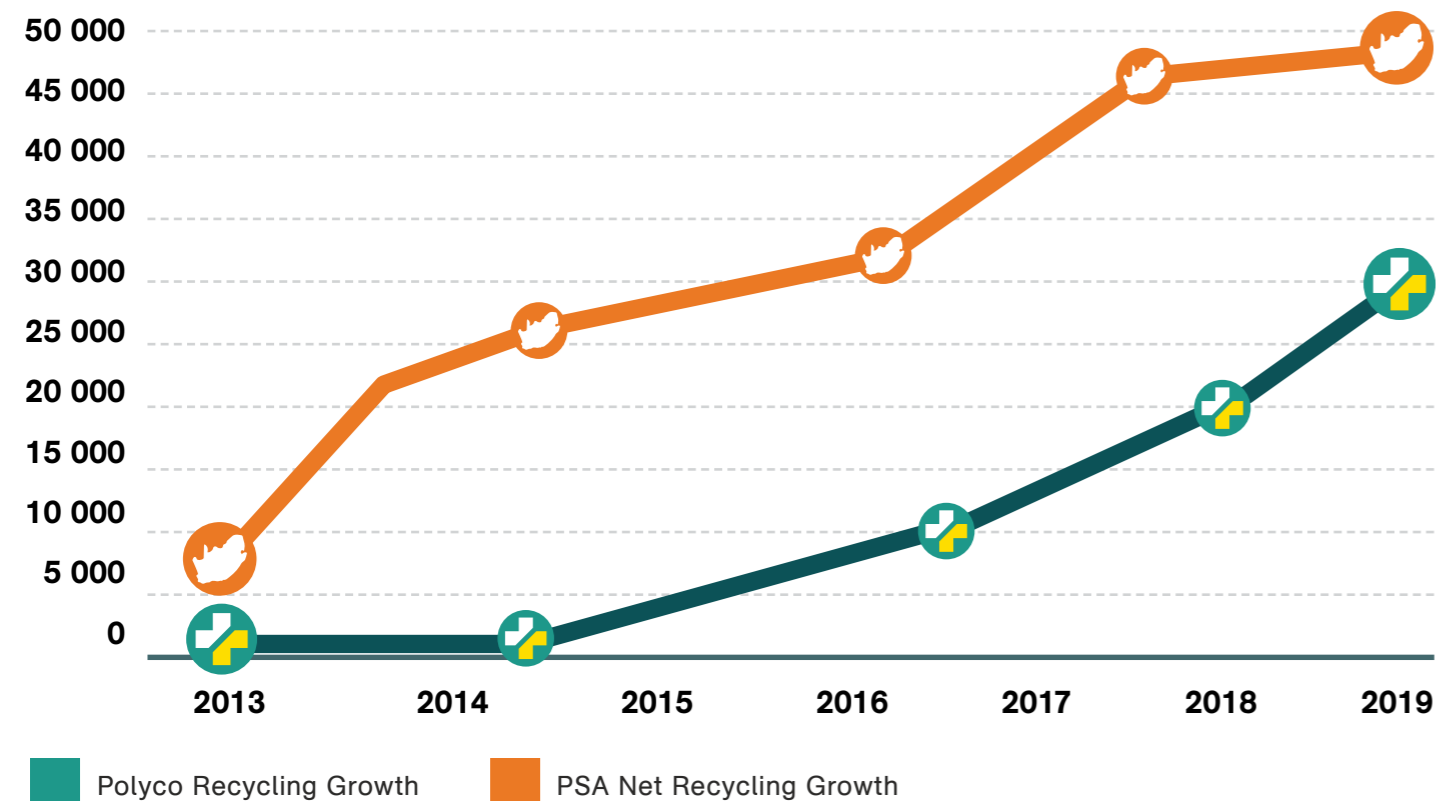
Cumulative Project Funding Growth

Since Polyco started providing project partner support funding in 2013, more than 64 000 tonnes of polyolefin packaging have been collected by the collection projects that we have invested in, and more than 26 000 tonnes of polyolefin packaging have been recycled by the recycling projects we have invested in. A total of 7 500 income-earning opportunities have been created as a result of Polyco's investments.



**+7 500**  
income-earning opportunities  
created as a result of  
Polyco projects

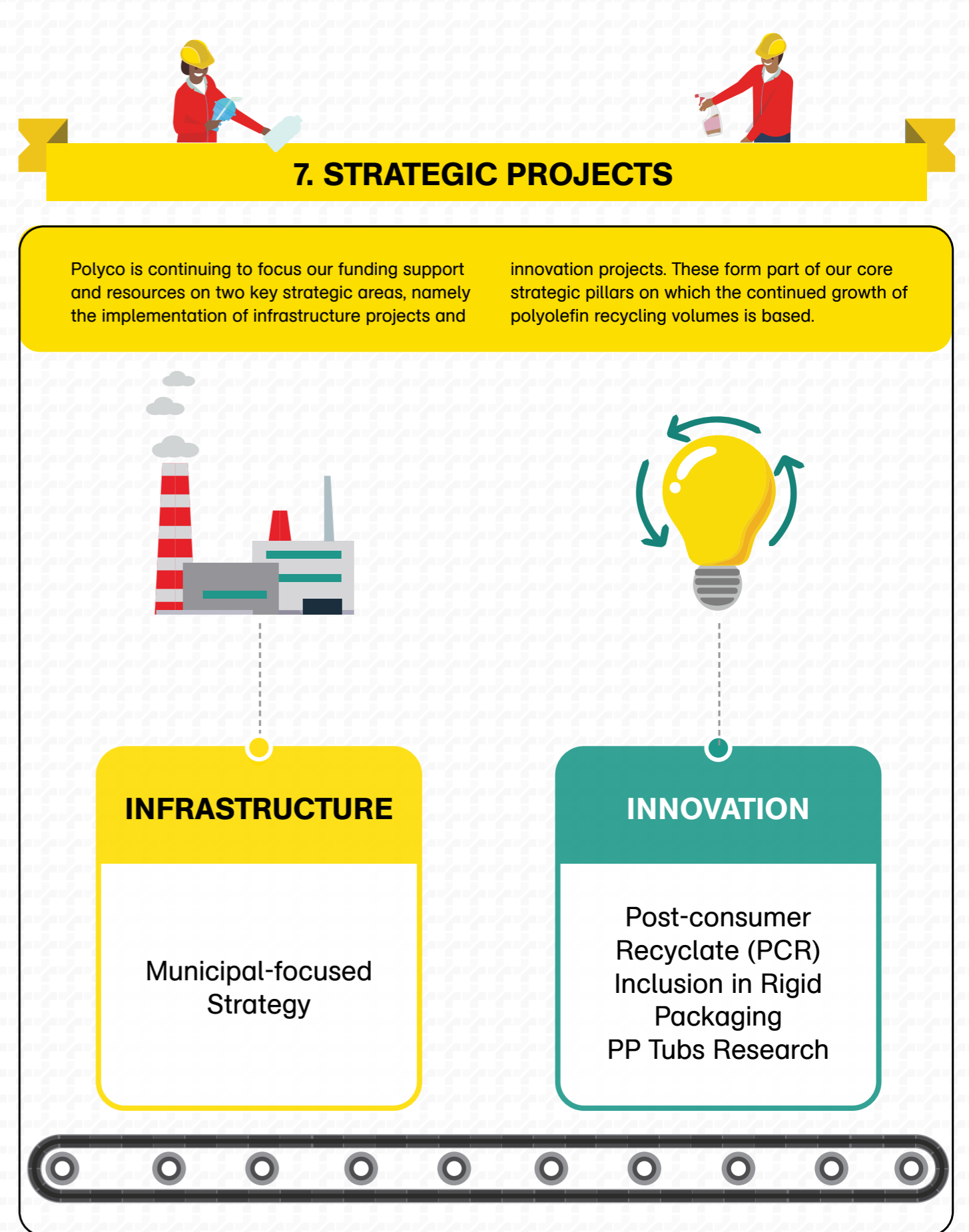




### Cumulative PSA Recycled Volumes vs Polyco Recycling Growth

Polyco's investments are responsible for more than half of the total polyolefin recycling growth in South Africa when tracked against PlasticsISA's recycling survey data.

The funding from our members that we have utilised to invest in projects has directly and positively impacted on cleaning up the environment by collecting and recycling more tonnes of polyolefin packaging material.



STRATEGIC PROJECTS: POLYCO'S MUNICIPAL-FOCUSED STRATEGY

In 2018, Polycos embarked on a Municipal-focused Strategy that focuses funding efforts on a specific municipal area and encompasses infrastructure, innovation and end-use

development that is supported by consumer education and awareness.

Impact of Infrastructure Funding in Buffalo City Metropolitan Municipality (BCMM)



In 2019, Polycos funded more than R5 million to private businesses in East London in the Buffalo City Metropolitan Municipality to facilitate the collection and recycling of polyolefin packaging materials to meet local market demand for recyclate.

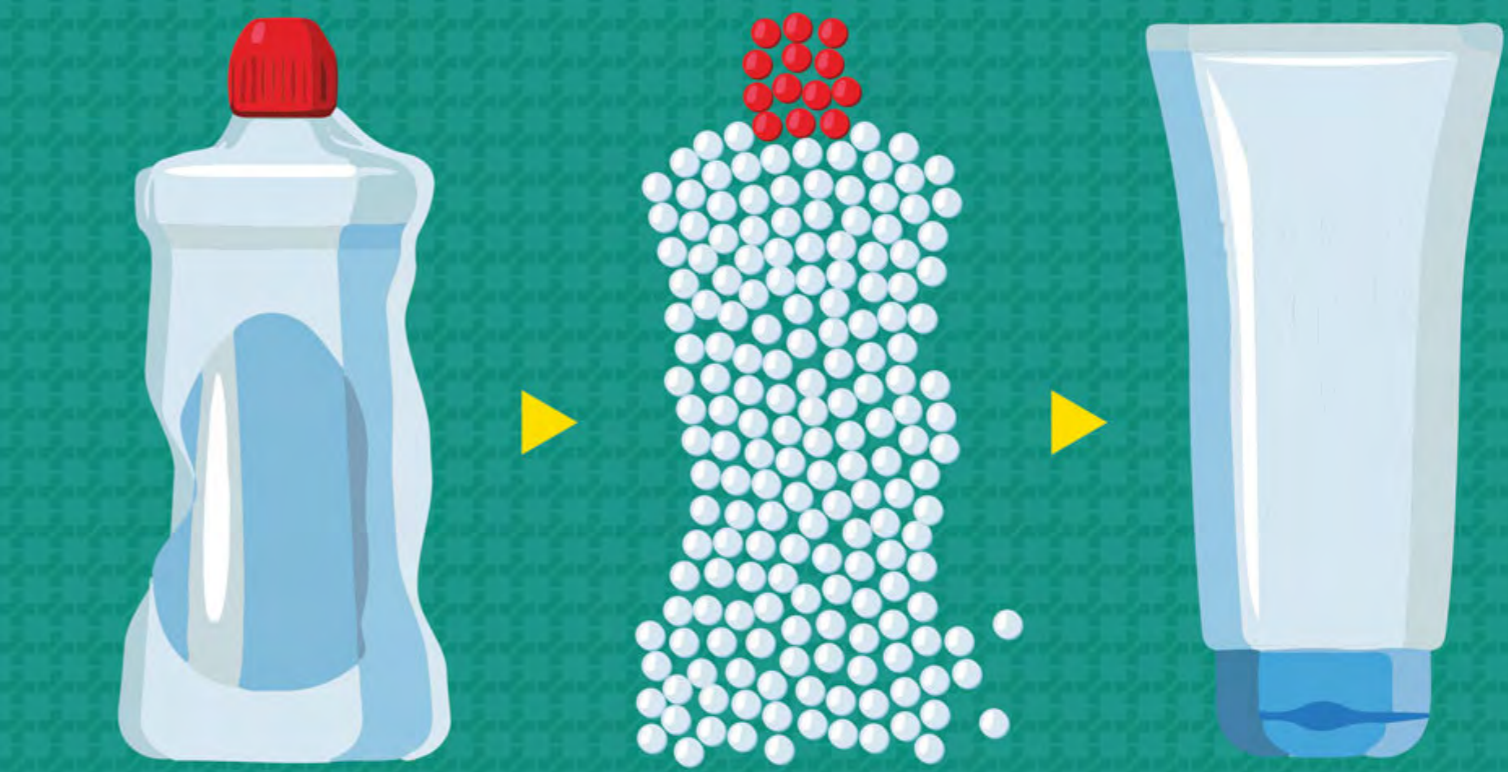
Concurrently, the construction of four community-based static Packa-Ching buy-back centres was planned to service the recycling needs of the public and to create a cleaner city, in collaboration with the Border-Kei Chamber of Business, the Buffalo City Metropolitan Municipality and the Buffalo City Metropolitan Development Agency.

Owing to the Covid-19 pandemic, the launch of the four community-based static Packa-Ching buy-back centres

was put on hold in 2020 in compliance with the pandemic emergency regulations. Following the easing of the lockdown levels, however, the project has once again gained momentum.

The initiative is supported by a marketing campaign that educates the public about recycling and encourages them to use the buy-back centres to earn money for their recyclables and create a cleaner Buffalo City. The buy-back centres and associated infrastructure have been brightly branded in Packa-Ching's colours and the public are engaged through marketing campaigns. These include student education and competitions to drive recycling behaviour, a dedicated website with a free Wi-Fi zone near Oxford Street to educate people about recycling and encourage them to use the buy-back centres, homeowners' education, PR and targeted social media.





STRATEGIC PROJECTS: PCR INCLUSION IN RIGID PACKAGING

PCR Inclusion in Rigid Packaging

The SA Plastics Pact and its members, retailers and brand owners have committed to increase the inclusion of post-consumer recycled content by 30%. Commitment is the first step. To improve the inclusion of recyclate, Polyco invested in project partner Myplas to improve its quality of recyclate and assisted in the identification of sectors that would be able to absorb this PCR. The personal and home-care packaging ranges were identified.

Although Covid-19 delayed the receiving and installation of the equipment, this project is now almost ready to start producing. Once in operation, this investment will be able to produce 100

tonnes of recyclate that will be able to be utilised in personal and home-care packaging. We are seeking to make further investments in higher-quality recyclate, with options of food grade being explored.

Strategic Mapping

Polyco undertook a strategic market-mapping exercise across the polyolefin sector to identify packaging markets that can increase the inclusion of PCR. Although it is still in the interim phase, this strategic mapping has already identified 74 key markets and a potential 47 000 tonnes that can be further benefited.

# STRATEGIC PROJECTS: PP TUBS RESEARCH



In addition to the 2019 HDPE beverage bottle research project conducted in 2020, Polyco conducted research to understand the current repurpose and recycling rates of used PP packaging in South Africa, specifically large yoghurt, ice-cream and butter/margarine tubs. Our aim was to understand whether this packaging is being reused (repurposed), recycled or discarded post-consumption and how we can work with industry to design more reusable packaging.

More than 1 550 respondents were engaged telephonically and via online surveys, face-to-face interviews, emailers and

social media polls to get feedback on what they do with large yoghurt, butter/margarine and ice-cream tubs. The research findings were shared in an online webinar at the end of 2020.

Our research illustrated that only a small percentage of these items are found in landfill or as litter in the environment and that across these three streams between 6 200 and 8 200 tonnes are repurposed. This information will assist us, as well as the broader sector, in understanding how to better design packaging and what will impact recycling throughput, from consumer to recycler.

Our analysis clearly shows that ice-cream, margarine and yoghurt tubs are predominantly repurposed by consumers once emptied

10 000 – 11 000 tonnes > 220 000 000 units



Estimate 6 200 – 8 200 tonnes repurposed\*



Very limited volumes are leaking into the environment



5% – 10% of PP recycled = these tubs ±1 000 – 2 000 tonnes pa



< 0/1% of landfill = these tubs



3% of all tub and bottle litter = these tubs

\* Based on estimated reuse levels by consumer group across the three product types (as per survey responses), applying a 60% – 80% level of reuse.

### WHAT DO YOU RE-USE THESE TUBS BELOW FOR?

- A Food storage
- B Household storage/DIY storage
- C Business/school storage
- D To give food away

### What do you do with your tubs after consuming these products?

- PUT INTO A CENTRAL WASTE BIN
- PUT WITH OTHER RECYCLING (SEPARATE FROM GENERAL WASTE)
- RE-USE THEM

Available beach litter data, collected around the country in 2019 and 2020 and provided by a team led by Professor Peter Ryan (UCT) and Dr. Muelis Cramer (NML), supports this and indicates that these tubs make up around 3% of the 12 378 bottles and tubs catalogued.

Supporting the efforts of our PP tub research, we will use these results to guide PP packaging producers and their customers to improve the design of tubs for repurposing," says Naidoo. Design adjustments such as increasing the strength, improving the lid fit, and having removable labels will lead consumers to use these tubs as storage containers for longer."

While the reuse rate of these PP tubs is high, the recycling rate of PP plastic products is approximately 30%. Re-using PP tubs for storage is a temporary solution and eventually these products will need to be disposed of. PP waste tubs should be designed for circularity, not to be landfilled. Designing products for post-consumer recyclability has now been made a requirement by government.

This consumer insight research has allowed us to understand what drives the reuse behaviour, which will be very important for brand owners, who under EPR regulations will be required to manage their products at end-of-life in preventing them going to landfill.

Driving the market for PP recycle, designing products for recyclability, creating accessible recycling facilities and increased consumer awareness will increase the recycling rates of these products and lower the volumes of plastic going to landfill.

# 8. COLLABORATION IN THE INDUSTRY

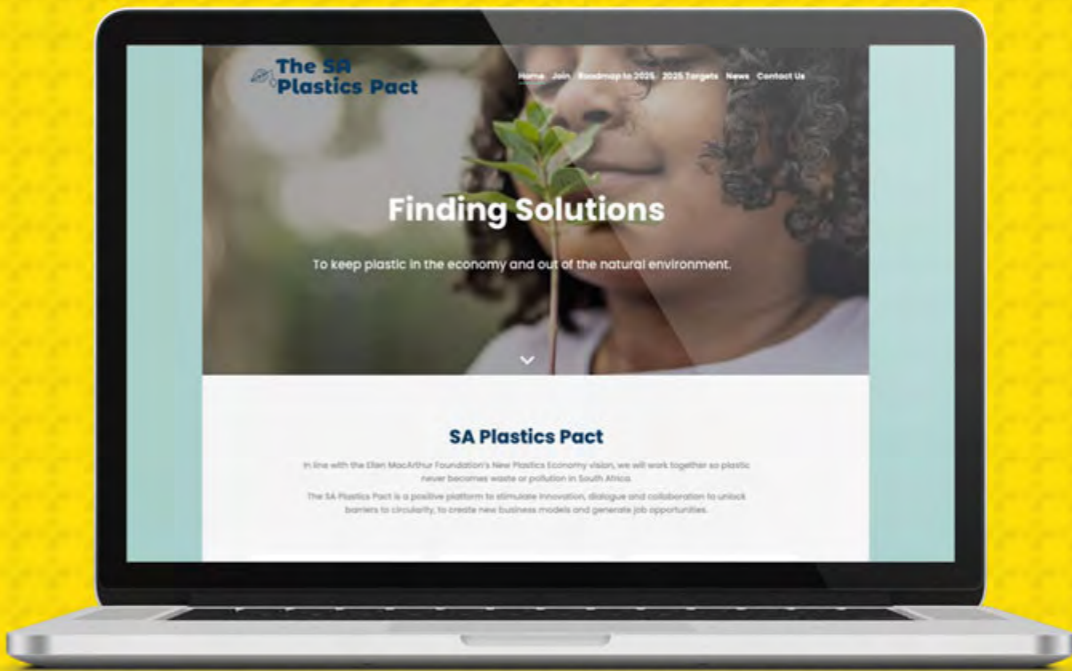
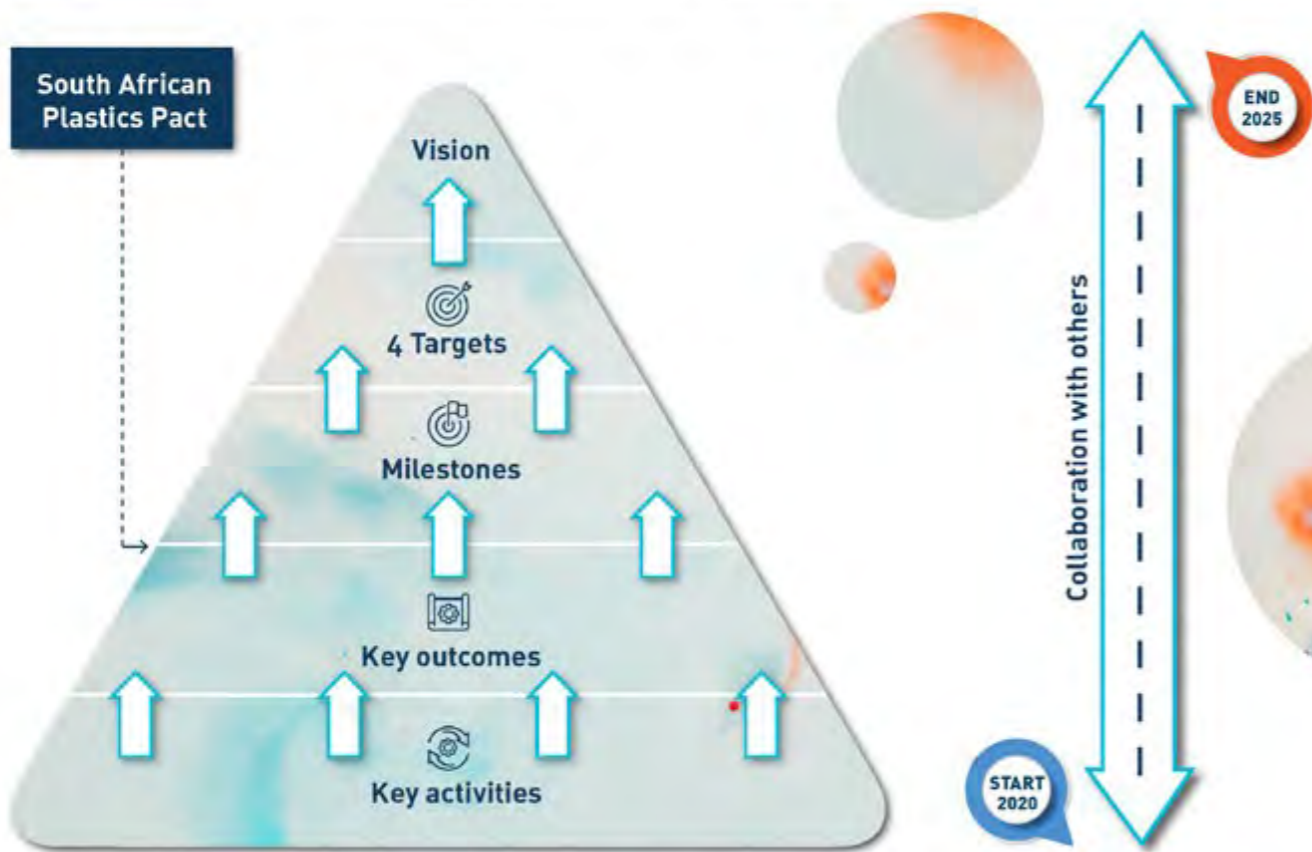
The year 2020 saw the launch of the SA Plastics Pact. This global initiative, spearheaded by the Ellen MacArthur Foundation, focuses on signing up members who influence the management of plastic packaging and commits them to achieving ambitious targets.



The SA Plastics Pact and its members have committed to:

- 1 taking action against problematic and single-use plastic packaging;
- 2 ensuring that **100%** of plastic packaging is either reusable, recyclable or compostable;
- 3 ensuring that **70%** of plastic packaging is effectively recycled; and
- 4 ensuring that, on average, there is **30%** recycled content across all plastic packaging.

Polyco is a proud member of the SA Plastics Pact and has been working with the SA Plastics Pact and its members in working groups to assist in achieving these targets.



9. PACKA-CHING



Polyco’s community-based collection project, Packa-Ching, has collected a total of more than 3 000 tonnes of recyclable packaging material and paid out more than R2 500 000 to community members since its launch in August 2017. This has been the collective achievement of seven Packa-Ching units operating across Cape Town, East London, Thabazimbi, Katlehong, Newcastle and Gqeberha.

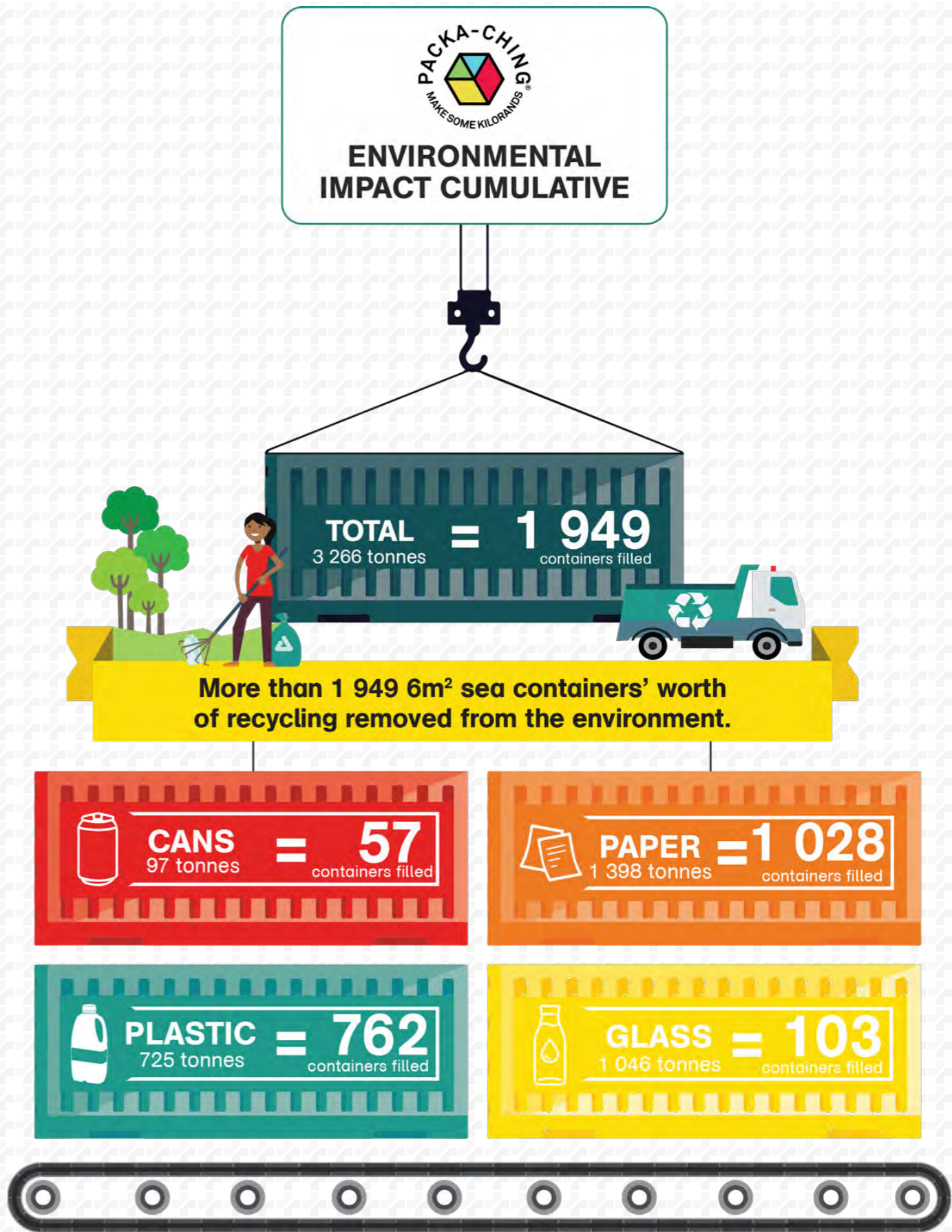
Packa-Ching is an innovative approach to reducing the amount of recyclable waste entering landfills and increasing recycling rates in South Africa by showing that used recyclable packaging has a monetary value. Each enterprise-operated mobile unit collects used recyclable packaging material from the public in low-income and informal areas – areas that are often overlooked with regard to recycling education, recycling infrastructure and recycling services – and pays them for it. It offers a much-needed solution to South Africa’s growing waste challenge, while at the same time stimulating the country’s entrepreneurial landscape and contributing to poverty alleviation.

Each kilogram of recyclable material brought to a Packa-Ching unit is weighed and paid for via a cashless payment system. Only a standard cellphone is needed to use the service and receive these funds, making it accessible to everyone. Packa-Ching teaches communities that used packaging has value and selling recyclables becomes recognised as an income-generating opportunity.

Packa-Ching is a project that Polyco is proud to have founded and been able to grow through collaborations with Shoprite and Sasol. Packa-Ching continues to enjoy the

partnership with Shoprite that commenced in October 2018 as part of its commitment to the Youth Employment Service (YES) campaign. Through the YES campaign, Packa-Ching enterprises were able to employ 29 young people from within their area of operation. A further partnership with Sasol South Africa commenced in April 2020. Sasol South Africa is funding the operating cost of Packa-Ching, which includes a set monthly fuel support to existing Packa-Ching units.

Packa-Ching is enabled by a technology-based weigh-and-pay system that allows the initiative to be mobile and cashless. Polyco has developed a version two of the weigh-and-pay system that allows for less hardware and technical issues, and the introduction of a more sustainable mobile, cloud-based weigh-and-instant-pay solution. This solution has instant record-keeping of both donated and paid transactions.



PACKA-CHING: NATIONAL ROLL-OUT

Existing Packa-Ching units are operational in the following towns and service the following communities:

**WasteWant**  
**Communities Served**  
Langa  
Gugulethu  
Philippi

**K1 Recycling**  
**Communities Served**  
Basothong  
Crossroads  
Mandela Park  
Mpilisweni  
Rockville  
Siphamandla  
Zama Zama  
Zonkizizwe

**DNF Waste & Environmental Services Unit 2**  
**Communities Served**  
Orange Grove Township  
West Bank  
Sunset Bay  
Willow Park  
Qonce  
Cintsa  
Morgan Bay  
Ducats  
Nompumelelo  
Cambridge Location  
Mzamomhle

**DNF Waste & Environmental Services Unit 1**  
**Communities Served**  
Duncan Village  
Gompo  
Ziphunzane  
Nxarhuni  
Braelyn Extension  
Scenery Park  
Mdantsane  
5 x schools

**The Waste Trade Company**  
**Communities Served**  
Greenbushes  
Joe Slovo  
New Brighton  
North End  
Zwide  
Motherwell  
Newton Park  
Missionvale  
Despatch  
Gelvandale  
Central  
Seyisi

**Mpilenhle Recycling**  
**Communities Served**  
Osizweni  
Madadeni  
Newcastle  
CBD

**Neo Recycling**  
**Communities Served**  
Northam  
Rooiberg  
Mogwase

In September 2020, the Newcastle, KwaZulu-Natal-based Packa-Ching was launched. This was followed by the Nelson Mandela Bay Packa-Ching enterprise, which was launched in Gqeberha in March 2021. In April 2021, we celebrated the

first Packa-Ching enterprise to receive two units by launching a second mobile unit in Buffalo City. By the end of 2021 there will be 10 units operating across South Africa.

CAPE TOWN



KATLEHONG



BUFFALO CITY



NELSON MANDELA BAY



NEWCASTLE



THABAZIMBI



## PACKA-CHING: PACKA-CHING POP-UPS



The vision of Polyco is to end plastic waste in the environment, and to do this we want to make the Packa-Ching initiative accessible to all members of society. Polyco is introducing the Packa-Ching Pop-up model at strategic shopping centres and

malls across the country, allowing communities to exchange their recycled waste in exchange for payment via the cashless weigh-and-pay system.

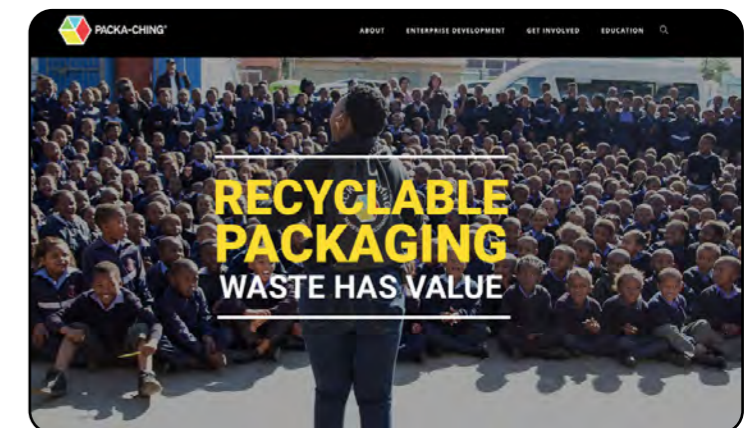


## PACKA-CHING: SCHOOLS



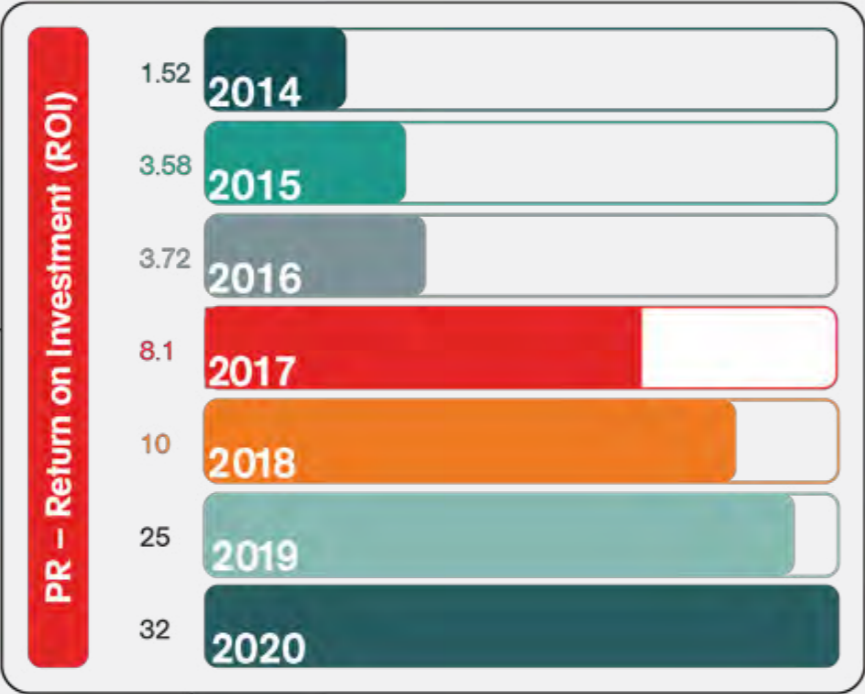
The Packa-Ching schools programme is focused on educating learners about the importance of recycling in keeping our environment clean and teaching them that used packaging has value. Schools are the hearts of communities and by influencing positive behaviour towards recycling at schools, learners will take this lesson home and influence their family and community members to recycle their waste. The Packa-Ching schools programme will educate learners about the importance of recycling, install recycling infrastructure in schools and pay the schools for the recyclable material that the local Packa-Ching enterprise collects. Learners will celebrate each year's achievements at an annual prize-giving that recognises champion learners and teachers for their recycling efforts.

Engagements with potential sponsors have begun to fund this educational initiative. Polyco intends to roll out the Packa-Ching Schools Recycling Programme at a national level, linking it to each of the operational Packa-Ching enterprises.



# 10. EDUCATION AND AWARENESS

Polyco has continued to grow our presence in the media by sharing news of polyolefin recycling success in South Africa. In 2020 we achieved a return on investment of 32.



# EDUCATION AND AWARENESS: INDUSTRY

**Design for Recycling Guidelines**  
To help better inform the designers of polyolefin packaging products about designing products that can be easily recycled, Polyco worked with industry expert Annabé Pretorius to complete four "Design for Recycling Guidelines" for products made from HDPE, LDPE and PP, and/or multilayered products. These guidelines have been shared with our member organisations and Polyco is hosting workshops to educate designers about how to design for recyclability.

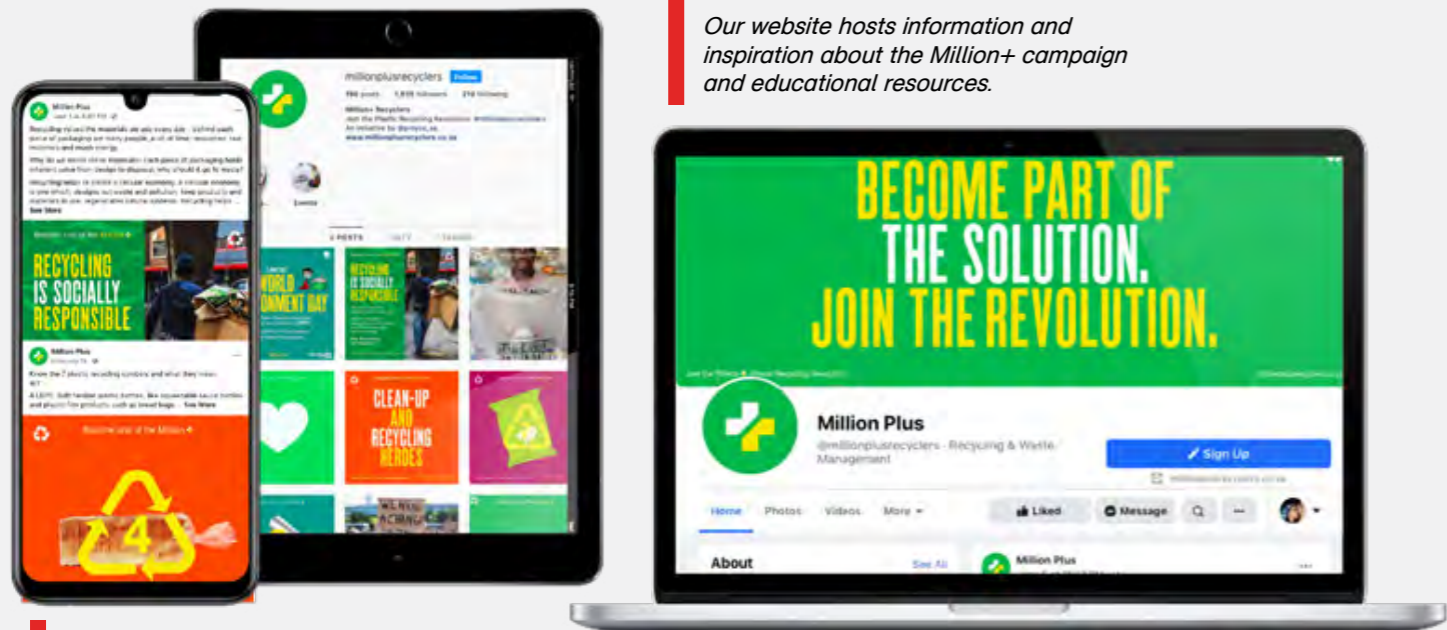


# EDUCATION AND AWARENESS: CONSUMER

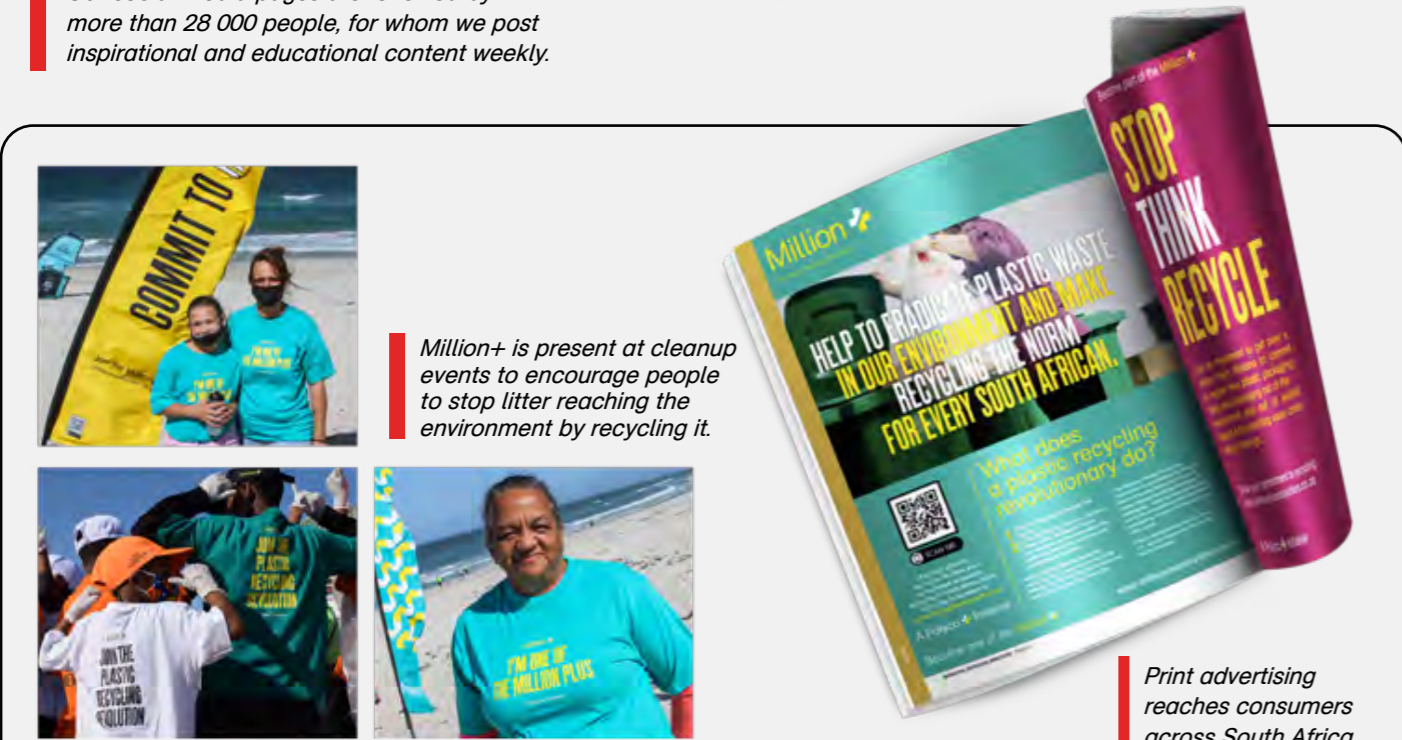
The Million+ Plastic Recycling Revolution is a campaign aimed at mobilising more than one million South Africans to commit to using plastic responsibly by keeping used packaging out of the environment and out of landfill, and putting it back into the recycling value chain. Aimed at taking Polyco's message of eradicating plastic waste in our environment and at making

recycling the norm for every South African, the Million+ Plastic Recycling Revolution is chasing big targets. In order to achieve this, the Million+ campaign is supported by PR, advertising, social media, a dedicated website, live events, marketing activations and schools education.

Our website hosts information and inspiration about the Million+ campaign and educational resources.



Our social media pages are followed by more than 28 000 people, for whom we post inspirational and educational content weekly.



Print advertising reaches consumers across South Africa.

# Million+



Zoo Lake in Johannesburg is our first large activation to educate park-goers about recycling and to encourage them to recycle their plastic packaging.



Million+ has collaborated with Pick n Pay School Club to educate more than 1.7 million primary school learners and more than 80 000 teachers about the importance of plastic recycling. Adverts in Free4All reach and engage with schoolchildren across South Africa.



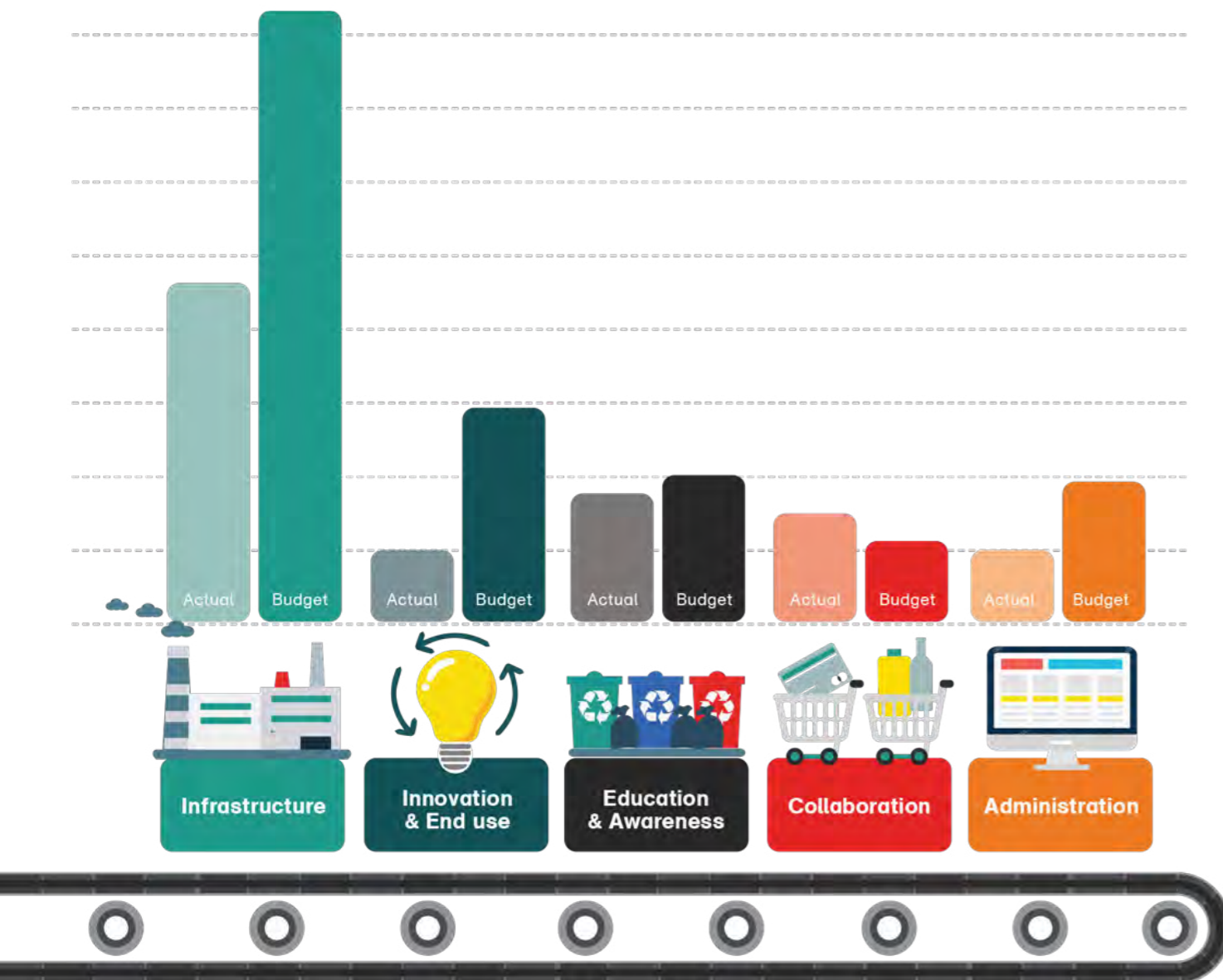
## 11. FINANCIAL OVERVIEW

The Covid-19 pandemic had a profound effect on economic activity during 2020 because of the national lockdown. The majority of Polyco's project partners were forced to shut down completely during April and May. Polyco was able to accommodate these projects with a two-month grace period on their loan repayments in an attempt to alleviate

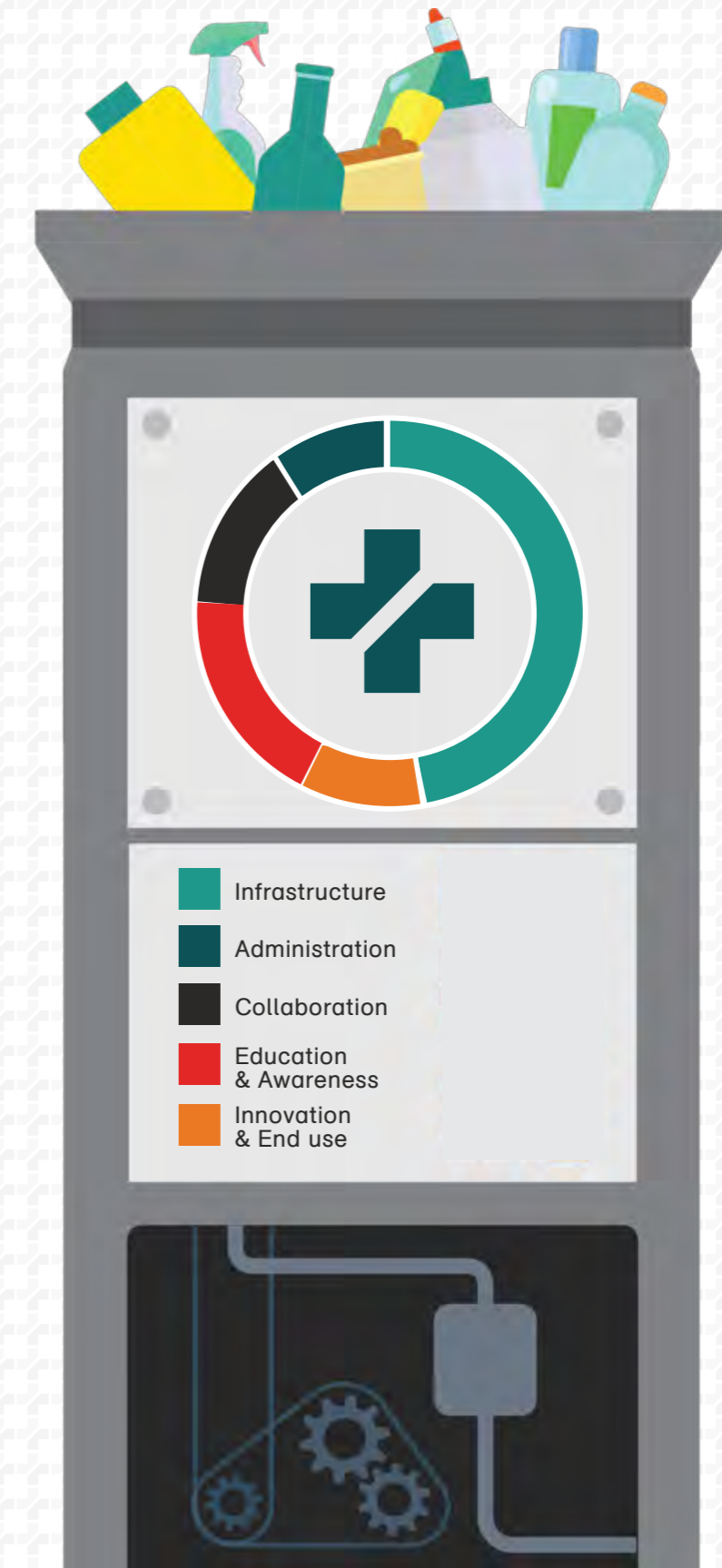
their financial burden. Despite this loss in cash flow, Polyco weathered the Covid-19 storm exceptionally well.

The 2020 budgeted project funding disbursements were put on hold because of the national lockdown. Disbursements that rolled over from prior years were nevertheless completed.

### Polyco 2020 – Actual vs Budget per Key Strategic Pillar



### Actual Spend 2020 per Key Strategic Pillar



## 12. CORPORATE GOVERNANCE AND CONTROLS



### Financial Audit Report

Our appointed auditors, Watson Incorporated, conducted our 2020 financial audit. Polyco once again achieved a clean audit opinion without any qualifications, in compliance with the IFRS9 accounting policy.



### BEE Verification

We are in the process of applying for verification for our 2021 figures and have employed a consultant to support us with a strategic plan to achieve this, aiming at a Level 4 compliance rating.

## 13. THE BACKBONE OF POLYCO



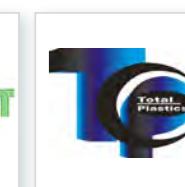
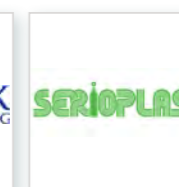
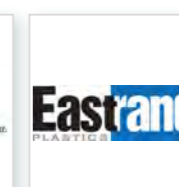
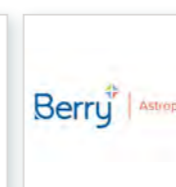
### Board representatives

<b>Robin Olbrich</b>	Berry Astrapak
<b>Sally-Anne Käsner</b>	Circular Vision
<b>Nicholas John</b>	Constantia Afripack (replaced Wolfgang Kitzler September 2020)
<b>Neo Momodu</b>	Consumer Goods Council of South Africa (replaced Matlou Setati July 2021)
<b>Neelin Naidoo</b>	Mpact (Polyco Vice-chairperson)
<b>Leroy Thangamuthu</b>	Nampak (replaced Clinton Farndell May 2021)
<b>Feroza Grosso Ciponte</b>	Nestlé
<b>Anton Hanekom</b>	Plastics SA
<b>Jeremy Mackintosh</b>	Polyoak Packaging (Polyco Chairperson)
<b>Mark Berry</b>	Safripol
<b>David Mokomela</b>	Sasol (replaced Anton van Dyk February 2021)

### THANK YOU TO OUR SUPPORTER ORGANISATIONS



### THANK YOU TO OUR MEMBER ORGANISATIONS\*



\* Members as at May 2021



## POLYCO TEAM



**Mandy Naudé:** Outgoing CEO  
**Quinton Williams:** Business Manager  
**Marinelle Quinot:** Financial Manager  
**Nicola Rowe:** Brand Manager  
**Adriaan van Wyk:** Polyco Operations Manager  
**Megan Swart:** Packa-Ching Operations Manager


**Jacqueline Jayiya:** Packa-Ching Coordinator  
**Muluvheni Ndou:** Marketing Coordinator  
**Lisl Liedemann:** Admin/Marketing Support  
**Selloane Moshane:** Compliance Officer  
**Elizabeth Betha:** Projects Support  
**Pumeza Kalolo:** Office Support


## Company Details

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 Bellville, 7530

## Contact Polyco

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