



2022 SAFRIPOL SUSTAINABILITY REPORT



About this report

This report communicates Safripol's 2030 sustainability strategy, current goals, and progress made during our 2022 financial year (July 2021-June 2022).

Our strategy is underpinned by The United Nations Sustainable Development Goals and focusses on three strategic pillars i.e., the circular economy, reducing our environmental impact, and creating positive social impact. We highlight how our actions will address some of the most pressing issues facing the plastic industry, and society.

Photo on left: Aerial view of Safripol's PET facility in Durban, KwaZulu Natal. Photo on cover page: Safripol's HDPE plant in Sasolburg, Free State.

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Message from our CEO



Dear Stakeholders,

Our 2022 financial year was another unprecedented year for our business and the world. Just when we thought the global economy was recovering from the impacts of Covid-19, we have been confronted by a new black swan event of 2022, i.e., the Russia-Ukraine war, which is now having significant financial and economic ramifications for the world. While at the same time, we are living through record high temperatures not seen before, not forgetting the recent flooding in KwaZulu Natal, South Africa that devastated lives and livelihoods. These events highlight that business must adapt to the changing times we live in, and sustainability must be at the topmost mind of global leaders.

At Safripol, as a major polymer resin producer in sub-Saharan Africa, we are committed to embedding sustainability in all that we do, so that we can enable the plastics value-chain to transition towards a sustainable future.

Our 2022 financial year has seen us incorporate sustainability as one of our core strategic objectives for the business for 2030. We have also aligned our capital investment with our 2030 sustainability goals to ensure that sustainability is at the core of our decision making.

Let's plastic responsibly

We have stepped up our sustainability efforts by accelerating our Let's plastic responsibly initiative. This initiative positions Safripol as a leading voice of business for plastic sustainability by changing behavior through education and promoting the responsible production, consumption, and end of life management of plastics.

We have had some wins and overall great progress over this period in our three focus areas: enhancing the circular economy, reducing our environmental impact, and creating positive social impact.

The plastics circular economy

While the circular economy for plastics presents many opportunities for industry, we know that it is not without its challenges, and more so for a developing country like ours. We also know that while plastic waste is a global problem, we need local fit for purpose solutions. To support a local plastic circular economy, we have launched our recycled polymer portfolio, and are excited to bring to market our 1st rPET product with post-consumer resin in FY 2023.

Low carbon future

In FY 2022, we committed to strive towards net-zero for our Scope 1 and Scope 2 emissions by 2050. Our focus towards a low carbon future is based on our renewable energy pathway. We have implemented a 10MW Photovoltaic renewable electricity generation for our Sasolburg operations, with beneficial use expected in 2023.

We have also made improvements in our efficiencies across our operations. We are in process of setting our science-based targets to ensure that we measure progress towards our goals.

Creating positive social impact

We are focussed on developing a sustainable business that is good for both people and the environment. At Safripol our people are our greatest assets, and in this year, we implemented many initiatives to ensure that we retain, inspire, and grow our workforce. We also opened our doors to many young, aspiring, and vibrant youngsters to equip them with industry ready skills. Our teams also engaged communities to close the gap on plastic waste and we rolled out many community-based recycling projects. In FY 2022, we have scaled up our waste collection efforts through various initiatives such as investing in critical equipment to enable buy-back centres and waste reclaimers to increase their outputs, installation of more litter booms along some of our critical rivers to divert ocean bound waste and advancing our schools education and community recycling efforts.

Concluding remarks

The plastics industry has been criticised for far too long, for not doing enough to change the plastics narrative. We need a new consensus which embraces our shared responsibility to one another and acknowledges that we are all in this together. We know that no one entity can meet the ambitious sustainable development goals on their own. This is our time, as experts in this industry to come together as multi-stakeholder partners, to work together to rewrite our future. It's up to all of us to make the change happen.

I am optimistic that if we work together as a collective, we can overcome the challenges facing this industry and we can achieve a future that is bright, prosperous and one that we all can be proud of.

Sincerely,

A handwritten signature in dark ink, appearing to read 'N. Van Niekerk', written over a light blue horizontal line.

Nico Van Niekerk, CEO

Safripol at a glance

Safripol, a leading polymer manufacturer in South Africa and sub-Saharan Africa, produces polymer resins which play a pivotal role in improving quality of life of people.

Safripol's polymer resins supplied to the market make an indispensable contribution to society by enabling preservation and safe delivery of food, clean-water, personal care, and home-care products. Our products also play a vital role in the development of lighter and more efficient automotive components and infrastructure, improving agriculture; and enabling telecommunications, insulation, and industrial applications.

438 employees across three locations in South Africa (Sasolburg, Durban, and Johannesburg)

50 years of polymer expertise in polypropylene (PP), high-density polyethylene (HDPE) and polyethylene terephthalate (PET)

#1 Largest producer of PET and HDPE in South Africa and Sub-Saharan Africa, and a significant PP producer

Subsidiary of KAP, a **Johannesburg Stock Exchange listed company**, and signatory to the **United Nations Global Compact**

Green House Gas emissions: **294 Kilotons CO₂e (Scope 1 & 2)**, and striving for net-zero by 2050

Implementation of a **10MW PV power generation plant at our Sasolburg facility** to enable **decoupling from non-renewable energy**

167 ML of water recycled

Responsible Care® signatory and full member

Signatory to Operation Clean Sweep® and Safripol's logistics partner is also a signatory to OCS

ZERO incidents including reportable injuries (COID) and **no** Cumulative 12-month Disabling Injury Frequency Rate (DIFR) FY 2022

ISO certified: HDPE & PP facilities - ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certified; PET facility - ISO 9001:2015 certified

Level 4 Broad based Black economic empowerment (B-BBEE) status, **positively contributing to communities and society**

Let's plastic responsibly

Proud leaders of the Let's plastic responsibly campaign to educate and promote responsible production, consumption and disposal of plastics

R7.5m invested through membership fees and voluntary sponsorships to industry bodies showing our commitment to industry best practices and working in partnership towards developing a sustainable industry

>200 tons of materials collected for recycling through community projects, including post-consumer waste collected at our facilities through Safripol's separation at source program

152 volunteers spent 3.5hrs at our clean-up days collecting recyclables

Enabling recycling 14 762 bulk bags and 500 wheelie bins distributed to waste collection and recycling projects

Schools' education, recycling, and early childhood nutrition program reached **4545 children**

80 YES youth employed in small businesses

104 learners, interns and apprentices engaged at Safripol sites or hosted in small businesses

Safripol's commitment to sustainability

Our 2030 Vision is to lead the development of a sustainable plastics value-chain in South Africa - one that drives economic growth, inclusivity, and positively impacts society and the environment. Our revised sustainability strategy is based on three pillars 1) Enhancing the circular economy, 2) Reducing our environmental impact, and 3) Positive social impact.

We will focus our efforts on increasing the impact of our Let's plastic responsibly initiatives by bringing innovative circular solutions to the market, lowering our carbon footprint, closing the loop on plastic waste, and creating positive social impact.



CIRCULAR ECONOMY

The circular economy is the cornerstone of Safripol's 2030 vision as it will enable sustainable development that positively impacts industry, the environment and society. We are focussing on designing PET, PP, and HDPE polymer resins with circularity in mind, in order to reduce resource consumption, and enable re-use and recycle in the value-chain. Safripol is developing a recycled polymer resin portfolio with post-consumer recyclate content for rPET, rPP, and rHDPE. Through various partnerships, we are also working towards reducing plastic leakage into the environment and scaling up collections of post-consumer waste.

REDUCING OUR ENVIRONMENTAL IMPACT

Safripol is committed towards reducing its environmental impact across its value chain. Our focus is to strive to net zero greenhouse gas emissions by 2050 (Scope 1&2). Taking action to reduce our carbon footprint, is not only important for people, and the environment but it is also critical for our business. Key to this transition is our renewable energy pathway, which will enable us to decouple from non-renewable energy sources and reduce our CO₂ emissions. We will also focus on substantially increasing our energy, water and waste efficiencies across all sectors and ensure sustainable resource consumption by 2030.

POSITIVE SOCIAL IMPACT

We believe that business is a force for good. We are therefore committed to ensure that our operations bring about positive social change, leading to inclusive growth, transformation, and positively impacting our employees, the youth, society, and the environment. We are focusing on expanding our Let's plastic responsibly education campaign, community recycling projects, access to quality education, skills and training, enterprise development, and building our brand ambassadors.

SDG's and material aspects

The United Nation's Sustainable Development Goals (SDGs) are a set of ambitious targets aimed at tackling the world's greatest challenges. They set out a vision for a transformed world and a more sustainable future for all nations to be achieved by 2030 through addressing 17 goals that span human, social, economic, and environmental dimensions. The SDGs are fast becoming a generally accepted framework for transforming business away from traditional business practices towards sustainable business models creating societal impacts beyond profits. For Safripol, understanding how our actions impact on the sustainable development goals, and addressing the challenges most material to our industry is a key component of our sustainability efforts and will pave the way for Safripol 2030.

Safripol's priority SDG's



SDG Alignment

In FY 2022, Safripol revised the alignment of its sustainability efforts with the SDGs, and we have identified issues that are most material for the plastics industry and structured our sustainability efforts in response to these issues.

Pillar #1 Enhancing the circular economy - has direct impacts on SDG 12 (Responsible consumption and production), SDG 9 (Industry, innovation, and infrastructure), SDG 13 (Climate change), SDG 14 (Life below water), and SDG 15 (land on land). SDGs 12 and SDG 9 have received significant focus when looking at our spend allocation. We have made great progress in implementing solutions to address these issues, and we will continue to focus on scaling up our impact.

Pillar #2 Reducing our environmental impacts - aims to address our impacts on SDG 13 (Climate change), SDG 7 (Clean and affordable energy), SDG 14 (Life below water), and SDG 15 (life on land). We have already started implementing various programmes in response to these SDGs and whilst the spend allocated towards these goals has been relatively low, we expect that this will improve as the investments in our renewable energy plant ramps up from FY2023 and more of our environmental initiatives are rolled out.

A major focus for the year ahead is setting science-based targets for our environmental indicators and developing the key performance indicators that will help us monitor our progress.

Pillar #3 Positive social impact - focuses on SDG 8 (Decent work and economic growth), advancing SDG 4 (Quality education), SDG 10 (Reduced inequalities), and SDG 11 (Sustainable cities and communities). This is where we believe we can have the biggest social impact. The evidence of our efforts can be seen, not only in the 438 internal jobs we sustained during Covid, but also from more than the 80 jobs we created through our partnerships in the circular economy projects.

SDG 17 (Partnerships for the goals) is a critical enabler for all three of our sustainability pillars.

Materiality Assessments

We recognise that we are on a journey of continuous improvement, and we plan to enhance our analysis with ongoing dynamic materiality assessments in the years to come.

To achieve this, we will use a structured process, led by an independent third party and including a quantitative and a qualitative analysis to make our assessment as accurate as possible. The focus of the materiality assessment will include all aspects of our business from core operations; finance; supply chain; commercialisation; research and development; human capital; health safety and the environment; social investment; public advocacy; policy dialogue and partnerships. We will focus on identifying how our business impacts on the economy, environment, and social issues and how they influence decision-making within Safripol.

Enhancing the circular economy

The circular economy enables plastic recovery for re-use and recycling, allowing economic growth aligned with lower resource consumption and environmental impact, while maximising resource efficiency. The circular economy makes business sense for Safripol, and it will be a major focus for the business going forward.

Priority SDG Goals



Advancing Recycling

A major ambition on our path to 2030 is to establish Safripol as a leading producer of recycled PET, PP, and HDPE polymers for upcycling into high value applications (like bottle to bottle). Recycling enables conserving raw materials, recovery of resources, reducing input energy in polymer production, and reduces greenhouse gas emissions.

Our TARGETS:

- 80 kTons of recycled polymer is expected to be produced by FY 2026 through mechanical recycling
- 15-25% PCR rPET blends will be produced and marketed from FY 2023

Focus Area	Purpose	Progress
Mechanical recycling 	As a leading polymer producer in SA, Safripol is differentiating its product portfolio into recycled polymers to meet current and future recycled content targets as set by packaging producers, in line with South Africa's Extended Producer Responsibility (EPR) legislation. Safripol will provide its customers with a one bag solution containing a finished polymer resin with a specified post-consumer resin (PCR) content with food contact compliance to meet specific market requirements.	Safripol has registered the trademarks for its rPET, rHDPE and rPP polymer resins. Safripol's rPET with 15% PCR content has been approved for Food Contact Compliance. Basic engineering is in progress at Safripol's Durban facility for rPET production. Mechanical recycling of HDPE and PP is also under investigation for the Sasolburg Facility.
Chemical recycling technologies for PET	For Safripol, chemical recycling of PET presents an opportunity to decouple from fossil feedstock so that we can meet our own sustainability goals of a low carbon future. The benefit will be improved sustainability within the PET value chain by converting post-consumer PET back to purified terephthalate acid (PTA) and monoethylene glycol (MEG) monomers, which can be used in our PET polymerization facility to produce virgin-like quality PET.	Safripol has identified technology partners for depolymerisation of PET into its monomers and have signed non-disclosure agreements. The project is in prefeasibility phase, undergoing review of feasibility of technologies through laboratory scale trials.
Market research for large part blow moulding	Safripol is the only producer of plastic drum grade resin in SA. Plastic drums have widespread industrial applications including storage of chemicals, lubricants, pesticides, etc., however little is known about the end-of-life fate of plastic drums in South Africa, and if they are brought back into the circular economy.	In FY 2022, Safripol partnered with Polyco and the Moss group to undertake a market study for the SA plastic drum market to understand the material flow and end of life management. The study provided insights regarding the industrial drum value-chain in SA and confirmed that due to the value of plastic industrial drums, they almost always have a "next life" after their first application, and are either reconditioned, recycled, or repurposed, with very few drums ending up permanently on landfills. This study highlighted that plastic drums are in practice circular in SA, supporting Safripol's drive towards sustainable solutions.
Extended Producer Responsibility	SA's EPR legislation came into effect on 05 November 2021, making it mandatory for all producers to pay EPR fees to ensure the effective collection and recycling of the packaging materials which they place on the South African market.	Safripol has registered as a producer for its packaging material with the Department of Fisheries, Forestry and the Environment (EPR Registration Number: 19/7/5/P/M/20210706/012). As a responsible polymer producer, Safripol has joined Polyco's EPR scheme. We have also transitioned ~90% of our 25 KG bags from coloured film to clear film to improve recyclability. We are also communicating with our suppliers regarding their compliance with EPR.

Safripol's product portfolio aligned to circularity

Safripol has embarked on developing polymer resins that i) are used in rigid applications, ii) align with long-term durable use, iii) can be re-used, and/or iv) are easily recyclable.

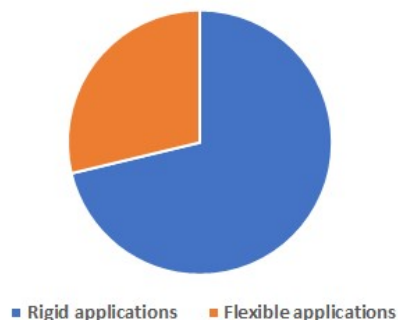
Our products are focussed on improving quality of life through products such as durable food packaging and containers, beverage bottles, small and large part blow moulded products, agricultural nets, telecommunication, pressure pipes, and automotive components.

Safripol's polymers which includes PET, HDPE, and PP are widely recycled in SA. According to Plastics SA, after low density and linear low-density polyethylene, HDPE, PET, and PP are the three topmost recycled polymers in the country. Together they represented 55% of all recycled polymers in SA in 2020 (Plastics SA Annual Review 2020-2021).

For our PET portfolio, we are focussing on increasing our production of Aspire® 84J in rigid bottle applications, which is a more sustainable grade compared to its counterparts. In addition to being highly recyclable, it also gives an advantage in terms of energy savings during the blow moulding process. From 2019 to FY 2022, production of Aspire® 84J resins saw significant growth, with more than 1200%.

Across our HDPE and PP portfolio, our flexible applications dropped by 43% in FY 2022 compared to the baseline year of FY 2019. Conversely our polyolefin rigid applications grew by 30% for the same period. In FY 2022, rigids accounted for 71% of our polyolefin portfolio, with only 29% of our polyolefin resins going to flexible applications. This transition supports our sustainability drive for participating in long-term durable applications.

Safripol HDPE and PP Product Portfolio



We are actively increasing our participation in rigid applications for various markets. Safripol's future product range is intended to reduce our participation in flexible packaging applications such as film, fibre and raffia.

Food packaging, personal care and household



Small and large part blow moulding containers, water tanks and Intermediate bulk containers (IBCs)



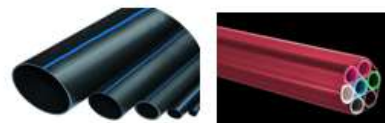
Buckets, pails, & crates



Monofilament agricultural shade netting



Impact 100 pressure pipe & tele-communication pipe



Automotive components



Spotlight on PE100 pressure pipe – Plastic sustainability at its best

Plastics positively impact our daily lives, while providing essential services to communities all around the world. For example, bringing fresh water to our cities and removing waste sewage and effluent on a continuous basis is one of the most sustainable uses for plastic and one that is integral to Safripol's sustainability strategy. Safripol produces iMPACT100® high density polyethylene resin, which is used to produce pressure pipes, that enable safe delivery of clean potable water to our homes.

In FY 2026, Safripol's plans to double its production capacity of iMPACT100® resin, compared to our FY 2022 baseline, which is aligned with our goal of bringing sustainable polymer resins to the market for long-term durable applications.

SA loses a significant portion of potable water to leaks due to aging infrastructure, wastage, and illegal connections. In a semi-arid and water scarce country like ours, it is important to use pipe materials that offer long term resistance to leakage to reduce the high levels of unaccounted water in the country. iMPACT100® HDPE is an excellent choice for high pressure pipe systems.

In support of the SDGs of clean water and sanitation (#6), sustainable cities and communities (#10) and climate action (#13), Safripol produces iMPACT100® HDPE resin for plastic pipelines to ensure clean potable drinking water for communities.

With its proven track record of the lowest leakage rates, reduced energy requirements, resistance to soil movement (such as that found in dolomitic areas in Gauteng), coupled with lifetimes of up to 100 years, iMPACT100® HDPE is an excellent choice for water and sewerage pipelines.

Safripol is an active member of the South African Plastic Pipes Manufacturers Association (SAPPMA). SAPPMA is a South African industry body that promotes and enables responsible use of plastic in drinking water and effluent pipelines in accordance with local and international standards. Through active participation in the working groups, we assist in drafting technical documentation and training material which assists end users and members in producing durable and safe plastic pipelines to address the water and effluent crisis which SA currently faces.

We will continue to focus on the long-term sustainable use of plastics by channeling our research and development initiatives into new and innovative durable uses for our materials.



Polyethylene water pipe being installed outside Hammanskraal (*Material and images courtesy of Trenchless Technologies*)

Transitioning towards a low carbon future

Safripol has to act on climate change, and implement bold interventions to reduce its own carbon emissions. Our focus is to strive to net zero greenhouse gas emissions by 2050 (Scope 1&2). Safripol's approach towards transitioning to a low carbon future is based on three approaches:

- 1) Embark on our renewable energy pathway that includes a 10MW PV plant for our Sasolburg operations by FY 2023 (currently in construction phase), and a 9.2MW micro-grid solution with heat integration opportunities and 1MW PV plant for our Durban facility by FY 2026;
- 2) energy efficiency improvements across our production facilities; and
- 3) a longer-term focus is to transition towards renewable feedstock by adopting viable technologies aligned with chemical recycling, carbon capture and conversion to chemicals, and/or biomass utilisation.

Priority SDG Goals



Focus Area	Progress
Renewable electricity	Safripol's photovoltaic renewable energy generation plant will align with the global shift of decarbonisation towards clean energy. Renewable energy will allow the business to partially decouple from South Africa's carbon intensive coal-based electricity grid, and improve reliability of our future electricity supply. It will also reduce our Scope 2 carbon emissions. In FY2022, we commenced with the implementation of a 10 MW PV power generation plant, ground mounted in the northern part of the Safripol's Sasolburg Site. The Environmental Impact Assessment Study (EIA) for the project has been completed and approved and construction activities has commenced on site, with completion expected by January 2023. Beneficial operation is pending compliance and approval of NERSA and Eskom requirements. It is estimated that 21 kt carbon dioxide (CO₂) equivalent will be offset by this project. Safripol's PET facility in Durban has advanced in the study of both PV and microgrid (gas turbine) as a solution aimed at providing off-grid electricity and trading excess energy with neighbouring facilities. The Phase 1 feasibility study to install ~1-2 MW roof mounted PV, has been concluded and has progressed into the next phase of detailed engineering cost estimation. In addition, 5 x 2300 kW gas generators would be used to generate electricity which is less CO₂ intensive as compared to the coal generated electricity from the current supplier.
Mitigating Climate Risk	Climate change is a potential risk for Safripol's business. Safripol is an industry representative in the Climate Change Adaptation Technical Working Group (DFFE). This allows us to keep abreast with the latest developments in terms of SA's climate change response plans and strategies, which we also align with our own business. Some of the measures we have undertaken is to include climate change adaptation measures in the Site Risk Heatmaps for both Sasolburg and Durban, and we are actively working to identify site specific climate-risk projects for implementation. For Safripol's Durban site, prior to the floods, we have strengthened the berms on the site, which proved effective and held very well during the floods in April 2022.
Life cycle assessments of our polymer resins	Safripol embarked on a Cradle-to-gate life cycle assessment (LCA) for 13 of its polymer resins grades. LCA offers a scientific assessment of the environmental impact of a product across its life cycle and provides opportunities for identifying environmental hot-spots in the value-chain for improvement. Safripol has finalised in detail the gate-to-gate LCA for all of its products (Scope 1&2) and is currently engaging with our supply chain to accurately determine our Scope 3 emissions.
Renewable Feedstocks	In FY 2022, Safripol produced BioPET resin, with a 30% plant-based renewable content. To do this, we replaced fossil based MEG with BioMEG sourced from sugar-cane feedstock. Safripol's BioPET resin is approved for food contact applications and is currently used in SA to produce the PlantBottle™ packaging. Aligned with our long-term strategy to transition to a lower-carbon future, we are investigating the viability of renewable carbon technologies, such as bioethanol production from biomass or carbon capture and utilization; and chemical recycling. The major drivers for the implementation of these technologies would be scale of operation, cost-competitiveness for the market, superior environmental impact than the status quo, and market pull.

Reducing our environmental impact

Safripol is committed towards reducing its environmental impact across its value chain. We will focus on substantially increasing our energy, water and waste efficiencies for our operations and ensure sustainable resource consumption by 2030. A major focus for the year ahead is setting science-based targets for our environmental indicators and developing the key performance indicators that will help us monitor our progress.



SUSTAINABILITY GOAL																
Reduce our Green house gas emissions Green house gas emissions (Tons CO₂e) <table border="1"><thead><tr><th>Year</th><th>Scope 1</th><th>Scope 2</th></tr></thead><tbody><tr><td>2019</td><td>~30,000</td><td>~270,000</td></tr><tr><td>2020</td><td>~30,000</td><td>~270,000</td></tr><tr><td>2021</td><td>~30,000</td><td>~270,000</td></tr><tr><td>2022</td><td>~30,000</td><td>~270,000</td></tr></tbody></table>	Year	Scope 1	Scope 2	2019	~30,000	~270,000	2020	~30,000	~270,000	2021	~30,000	~270,000	2022	~30,000	~270,000	PROGRESS Safripol’s green house gas reporting is compliant with the following requirements: Technical guidelines for monitoring, reporting and verification of greenhouse gas emissions by industry: A companion to the South African national GHG emissions reporting regulations, 2017, and the 2006 Intergovernmental Panel on Climate Change (IPCC) Guidelines, the South African GHG standard. Scope 1 GHG emissions refers to emissions directly from our process, or due to stationary combustion or mobile combustion. Scope 2 GHG emissions are indirect emissions from purchased electricity, and/or steam. Year-on-year Safripol is working towards reducing its absolute carbon emissions from Scope 1 and 2, as well as improving its GHG intensity. Since 2019, we have achieved annual reductions in our Scope 1 and 2 emissions. In FY 2022, a slight increase in the stationary GHG emissions was seen for our PET facility due to the operational disruptions from the flooding in April in Durban. Scope 2 emissions from electricity and steam were slightly lower and was also affected by the flooding disruptions as well as the shutdown at our Sasolburg facility in FY 2022.
Year	Scope 1	Scope 2														
2019	~30,000	~270,000														
2020	~30,000	~270,000														
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Energy efficiency improvements	On our path to net-zero by 2050, Safripol is identifying energy efficiency improvements to reduce energy consumption on our sites, and the associated Scope 1 and 2 emissions. In FY 2022, Safripol’s total electricity consumption across its sites was 178 GWh, with an energy intensity of 0.39 MWh/Ton, showing an improvement to the FY 2021 year (0.42 MWh/Ton). Energy efficiency improvements were implemented which saved 4 528 MWh electricity in FY 2022 compared to the previous year. Some of the energy improvement interventions include: Extruder screw design efficiency Design optimisation was made to one of Safripol’s HDPE extruders, enabling a more energy efficient operation. For the most energy intensive grade in FY2022 vs the initial baseline prior to the project, there was a reduction in energy consumption of 25 kVA/Ton production (grade specific) which is equivalent to a 6.8% saving in electricity. This gave a total saving of 260 MWh in FY2022 for this grade, equating to savings in CO₂ emission of 280 Ton CO₂e. Sasolburg warehouse lighting LED upgrade During FY2022, lighting systems have been upgraded in Safripol’s Sasolburg warehouses and were replaced with energy efficient LED lights. In total 210 lights were replaced at the facility, giving an energy savings of 388 MWh or 61% per annum for the electricity consumption for lighting for the site. This initiative has resulted in saving 400 Tons CO₂e for the year as compared to previously. Increased PP copolymer production Safripol’s strategy for PP is to maximise on the production for high impact and random copolymers. This has a direct impact on the plant energy consumption as copolymers require a lower amount of energy to be produced. With a production volume of 120 Ktons per annum, this represents an energy savings of 224 MWh per annum, with resultant savings in emissions of 240 Tons CO₂e.															

SUSTAINABILITY GOAL

Improving water efficiency

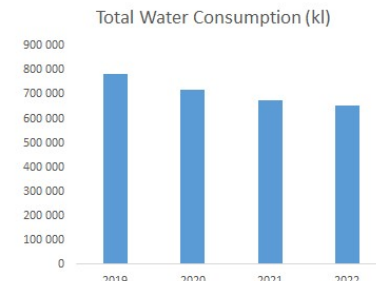


PROGRESS

Since FY 2019, Safripol's water consumption has been steadily decreasing. In FY 2022, 656 ML of water was consumed, with a water intensity rate of 1.42kL/Ton, which is an improvement compared to the previous year (1.55kL/Ton).

In FY 2022, our operations reused 167 ML of process water, showing a 15% improvement to the water recycled as compared to the previous year.

As part of our continuous improvement in water efficiency, at the Safripol Durban site, one of the initiatives identified is to collect the steam which is produced on site for treatment and for recycle back into the process for reuse. A feasibility study was conducted in FY 2022 which confirmed that for the Safripol Durban site, yearly water consumption can be reduced by 30% upon completion of this project. Further engineering design is currently being undertaken. Other projects such as stormwater collection have been identified and are currently being investigated to further reduce the site water consumption.



Improving waste efficiency



Safripol's ambition is to significantly reduce its post-industrial waste generated at its sites. Although the waste generated at Safripol sites shows an upward trend since FY2020, our waste intensity rate has remained relatively low at 0.01 Ton/Ton over this period. The three main contributing factors for the increase in waste volumes were increased scrap rates from the PET facility due to the KZN floods in FY 2022, electricity interruptions at both facilities, and unplanned and planned shutdowns at the Sasolburg site.

In FY 2022, 5 895 Tons of waste was generated across our facilities, comprising 71% non-hazardous waste and 29% hazardous waste. The highest portion of hazardous waste generated was low molecular weight PE wax which was produced during product development, and was re-purposed into other manufacturing industries.

In FY 2022, of the total waste generated, 96% was recycled (either re-used internally or recycled externally), with only 4% land filled.

Safripol has set an ambitious target of zero-waste to landfill by 2030, and our teams are working to identify waste efficiency interventions to reduce our total waste generated and waste to landfill.



Safripol has also launched its separation at source (SAS) program for post-consumer waste across its sites in Sasolburg, Durban and Johannesburg. Safripol's SAS initiative encourages all its employees, contractors, and visitors to our sites to do the right thing and separate their post-consumer waste at source at work and at their homes. For FY 2022, 45 Tons of post-consumer waste was collected and recovered for recycling and diverted away from landfill. The recyclable materials were donated to Tufflex, Indaloyami Recyclers and Green Corridors. To encourage and support Safripol employees to start recycling at home, 47 000 clear recycling bags were donated to our employees in FY 2022.

Responsible polymer producer



Safripol is a signatory to Operation Clean-Sweep®

Safripol is a signatory to the Operation Clean Sweep® (OCS) pledge, committing to zero plastic pellet, flake, or powder loss to the environment. We are actively working to address potential pellet or powder loss across our operations.

In FY 2022, Unitrans Supply Chain Solutions (Pty) Ltd, Safripol's logistic partner, also become a signatory to OCS, committing 100% of Safripol's road transporters to OCS.

Safety is a Value at Safripol

We intentionally operate safely and demonstrate care for the health of our employees, each other, our environment, and the quality of our service and products

ZERO

Incidents including Occupational diseases and Compensation for occupational injuries and diseases (COID)

ZERO

Cumulative 12-month Disabling Injury Frequency Rate (DIFR)

Best in class facilities

- Bi-annual PTAI benchmarking conducted
- ISO certified operations: HDPE & PP facilities - ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018 certified; PET facility - ISO 9001:2015 certified
- All our products are in compliance with EU regulations (EU No 10/2011 (14.1.2011) and FDA for food contact compliance
- iMPACT 100® is certified by SABS under ISO4427 for pressure pipe



Safripol is a Responsible Care® signatory

Safripol's CEO Nico Van Niekerk signed Safripol's declaration to Responsible Care®, committing the company to the guiding principles of Responsible Care®. In FY 2022, Safripol Sasolburg undertook a third-party audit, and received a score of 97.5% confirming that our operations are aligned with best in class, with continuous improvement in all aspects of health, safety, and environmental performance. Our Durban facility audit for Responsible Care® is planned for FY 2023.

Safripol adheres to international product stewardship regulations and good manufacturing practices

All our raw materials are compliant with REACH regulations

Government and industry participation

The purpose of the table is to give an overview of the specific entities that Safripol engages and aligns with. We work together with our stakeholders to ensure that we stay abreast with industry best practices and can collectively solve some of our common challenges while ensuring that we build a sustainable industry. The information as provided was obtained from the organisation's website or other publicly available reports.

Association	Description	Alignment with Safripol's sustainability strategy	Membership position
Government	Government has developed a number of Master Plans for the following key sectors i.e Chemicals, Plastics, automotive, and sugar.	Safripol has continuous engagements with government and are aligned with governments strategic goals which are transformation, masterplan support, African continental free trade agreement, and localisation.	Quarterly interaction
CAIA	In South Africa, the Chemical and Allied Industries Association (CAIA) represents the interests of the chemical industry and is the custodian of the Responsible Care initiative, which is the global chemical industry's initiative to continuously improve health, safety, and environmental performance in the chemical industry. (https://www.caia.co.za/)	CAIA has representation on NEDLAC and facilitates numerous engagements and advocacy initiatives with regulators and government departments where Safripol is involved. This allows us to keep abreast and provide inputs with respect to upcoming regulations and/or legislation as it pertains to the chemicals sector, and our own operations.	Board Member
Responsible Care Signatory	Responsible Care® envisages a profitable, sustainable chemical sector in South Africa that contributes to the quality of life and the economy through innovation and production, without harm to people, property, or the environment. Under Responsible Care®, the worldwide chemical industry is committed to continuously improve all aspects of health, safety, and environmental performance and to support open communication about its activities and achievements. Through Responsible Care®, CAIA member-companies innovate for safer and greener products and processes, and work to continuously improve their environmental, health and safety performance. (https://www.caia.co.za/responsible-care/)	Safripol is a signatory to Responsible Care® which aligns with one of our key values, i.e., to intentionally operate safely and demonstrate care for the health of our employees, each other, our environment, and the quality of our service and products.	Chair of Responsible Care® Standing Committee
Climate Change Adaptation Technical Working Group (DFFE)	The objective of this Climate Change Adaptation Technical Working Group is to provide a platform to facilitate wider stakeholder engagement on outputs of the implementation of the national climate change response policy (Re: Climate Change Adaptation) and other associated policies and strategies. The Technical Working Group is facilitated by the Department of Forestry, Fisheries and the Environment.	Climate change is a risk identified for Safripol's business. Safripol's representation in the technical working group, allows us to keep abreast with the latest developments in terms of South Africa's climate change response plans and strategies, which we also align with, within our own business.	Industry Representative seconded by CAIA
NBI Just Transitions Pathways Project	The desired outcome of the Just Transition Pathways project is to include the business view with supporting technical information in the South African input into COP26, in order to propose various projects in alignment with the Just Transition, for accelerated Green Finance (in line with COP26). Links back to Presidential Climate Commission. Working groups focus on evaluating more accurate options for decarbonising the chemical sector.	Safripol's participation aligns with our long-term objective of transitioning to a low carbon future in line with the Paris agreement and the latest science.	Active Working Group Member
Durban Chemicals Cluster	The Durban Chemicals Cluster (DCC) is a public-private partnership between the eThekweni Municipality and the chemicals industry in Durban and surrounding areas. The aim of the cluster is to support the competitiveness of the local chemical manufacturing industry in the area and help the sector overcome common challenges (https://durbanchemicalscluster.org.za/).	Safripol's operational site for its PET facility is in the Jacobs area in Durban South. The industry sector in the area faces similar challenges. Safripol's participation in the DCC aligns with our strategy of increasing the sustainability of our operations and localisation.	Member

Association	Description	Alignment with Safripol's sustainability strategy	Membership position
SA Plastics Pact	The SA Plastics Pact is a voluntary and collaborative initiative that brings together key stakeholders from the local plastics value chain to develop a circular plastics economy in South Africa. The SA Plastics Pact has identified 4 targets to be achieved by 2025 i.e., i) elimination of unnecessary or problematic packaging, ii) 100% of plastic packaging to be reusable, recyclable, or compostable plastics, iii) 70% of plastic packaging to be effectively recycled, and iv) 30% average recycled content across all plastic packaging. (https://www.saplasticspact.org.za/)	The SA Plastics Pact aligns with Safripol's vision of developing a circular plastics economy. Safripol has joined the Pact as a business member in FY 2020. Safripol is also participating in the target groups aligned with recycled content and informal sector integration (a focus on industry, Producer Responsibility Organisations (PROs), and informal sector collaboration).	Working group
Plastics SA	Plastics SA is a federation of associations and represent all sectors of the South African plastics industry including polymer producers and importers, convertors, producer responsibility organizations, machine suppliers, fabricators, recyclers, and associations. The key deliverables include: to influence decisions within political, economic, social, and industrial networks; to be the lead provider of technical skills for the industry; to enable a sustainable South African Plastics Industry; to manage the reputation of the plastics industry; and to create and enable access to information about the local and international trade environment. (https://www.plasticsinfo.co.za/)	Safripol contributes both financially and at board level to Plastics SA who is the umbrella organization for the South African plastics industry. There is alignment with Safripol's sustainability strategy and Plastics SA focus areas for 2022/23.	Board Member
Polyco	Polyco (Plastics Responsibility Organisation NPC) is a non-profit company focused on making waste a valuable resource that works for the economy. The key deliverables include growing the collection and recycling of plastic packaging in South Africa; promoting the responsible use and reuse of plastic packaging; and ending plastic waste in the environment. (https://www.polyco.co.za/)	Safripol has registered with Polyco as their PRO for ERP administration. As such, through Polyco, we are aligning with the governmental directive to strive for a circular economy and reduce plastic leakage.	Board Member
PET Plastic Recycling South Africa (Petco)	PETCO is the trading name of the PET Recycling Company NPC, a company incorporated in 2004 to represent the South African PET plastic industry's joint effort to self-regulate post-consumer polyethylene terephthalate (PET) recycling. PETCO's key objectives are to keep its members' packaging out of the environment where it does not belong; and increase its use in recycling to make new packaging again, thereby promoting a circular economy for PET plastic. (https://petco.co.za/)	Safripol contributes both financially and at board level to PETCO. Both organisation's key focus is to enable recycling and to reduce waste in SA.	Board Member
Packaging SA	Packaging SA provides effective leadership and representation on major external and internal issues which impact the packaging industry, to all interested parties including government, the media, and its own membership. The issues which the organisation focusses on require strong industry representation and it affects a larger industry group. Packaging SA actively promotes the benefits of packaging, and its primary focus is on environmental issues. (https://www.packagingsa.co.za/)	Safripol's products are used in a variety of packaging types, and Safripol aligns with packaging SA' focus on addressing environmental issues linked to packaging.	Board Member
SAPPMA (South African Plastics Pipe Manufacturers Association (SAPPMA))	SAPPMA is an association of leading companies in the plastics piping business, with the purpose of facilitating high standards of ethics, product quality and technical information. SAPPMA's mission is to create absolute customer confidence in the plastics pipe Industry, thereby ensuring long term sustainability and dynamic growth. (https://www.sappma.co.za/)	Plastic is clearly no longer an alternative pipe material but has grown to a dominant position in piping systems worldwide, with an estimated share of more than 50%. Safripol is a founding member of SAPPMA and plays an active role in the management and technical working group activities. In doing so, we promote quality and ethical manufacturing practices in the pipe industry, ensuring that plastic pipes are the material of choice for low environmental impact and long service lifetimes.	Working group

Safripol's approach to positive social impact

As a major polymer producer in South Africa, Safripol has an important role to play in terms of turning around the negative plastics rhetoric and reframing the plastics conversation to regain our social licence to operate, especially amongst our fence-line communities. To positively influence social change, Safripol has revised its focus areas as follows: i) Lets Plastic Responsibly campaign, ii) community projects, iii) access to quality education, iv) skills training and enterprise development and v) Safripol ambassadors.

Priority SDG Goals



Let's plastic responsibly campaign

Education and awareness

- Advocating and promoting for the responsible production, consumption, and disposal of plastics
- Promoting reduce, reuse, repurpose and recycle of plastics
- Education and awareness campaigns (TV, billboards, social media)

Safripol Sustainability Conference

- Hosting Safripol's annual sustainability conference focusing on latest science, technology and trends

Community projects

Community waste collection projects

- Schools' education and recycling project
- Support for buy-back centres and waste reclaimers
- Separation at source projects
- Litter-boom interventions at community level

Community support

- Fence-line community support

Access to quality education

Education

- Early child-hood development support
- Schooling education support
- Tertiary education support

Skills Training and Enterprises

Skills training

- Apprentices and experiential learners
- YES Youth
- Vocational training
- Workplace experience

Enterprise development

- Supporting small enterprises in circular economy
- Funding support

Safripol Ambassadors

- Safripol employee role models
- Safripol employees participate in community projects and sustainability initiatives

Focus on our people

At Safripol we recognise that our people are one of our greatest assets. We therefore invest in our people and provide opportunities to enrich and improve their lives.

Safripol strives to create and foster an inclusive and supportive environment in which all employees realize their maximum potential within the company, regardless of their differences.



Focus Area	Progress
Creating an inclusive and supportive environment	We strive to continuously improve our people practices and our working environment. We do Employee Opinion Surveys every two years, which is conducted by an independent third party, to gauge our employees on how we are doing, and where there is room for improvement, and identify interventions for implementation. In FY 2022, 80% of staff engaged in the survey. This year, we also revisited our Conditions of Service, and updated Safripol's Maternity Leave Policy to afford expectant mothers improved remuneration flexibility during the months following the birth of the baby. To ensure all our employees uphold Safripol's values and build and maintain productive working relationships with their colleagues, all employees are required to be familiar with Safripol's Respect and Responsibility policy and do an annual declaration.
Skills development	Safripol, in collaboration with the Careways Group, have developed 3 life skills orientation programmes i) building self-confidence, ii) building relationships and iii) motivational levels. This year, we held Powerfully You workshops as well as training on Conflict Resolution.
Employee assistance program	Safripol subscribes to an Employee Assistance Programme (EAP) administered by Life EHS. All employees have access to the assistance programme to help them through difficult periods. The EAP assist employees to deal with a variety of personal crises e.g., debt, legal matters, stress, anxiety, marital issues, trauma, etc. In FY 2022, Safripol hosted Mental Health Awareness webinars coordinated by external service providers for staff to deal with the stresses from Covid and daily life issues.
Rewards & recognition	The Safripol Excellence Awards was introduced in 2010 with the objective of publicly praising and recognizing employees who have made exceptional contributions. The winners of these awards are role models for Safripol employees. Categories awarded are Safripol Ambassadors, Individual Excellence, and Teamwork Award. The winners and their spouses/partners are treated to a special weekend away in recognition of their special contributions. This year a special awards ceremony was again hosted to recognise the winners.
Employee dependents tertiary bursary scheme	Safripol offers bursaries for our employee's dependents. In FY 2022, 24 children of our employees were supported at tertiary institutions.
Integrated teams	Every year Safripol hosts its annual 3-day Sales and Technical Services and Development Conference bringing together teams in sales, research and development, and operational functions to align on Safripol's 2030 strategy and the goals for the year. This and other forums like Value Centre Teams, Business Management teams and Improvement teams ensure that all functions are fully aligned and integrated.

Let's plastic responsibly – the catalyst for sustainable change

Safripol launched the Let's plastic responsibly (LPR) campaign in 2021, positioning itself as the thought-leader in responsible use of plastics, to address the challenges of plastic waste, and irresponsible plastic consumption, production, and disposal.

The campaign focusses on changing behavior around plastics through education and creating awareness about the value and positive impact that plastics makes in our everyday lives. It also highlights the importance of re-use, re-purpose, and recycling.



FOCUS AREA	PURPOSE	PROGRESS
Let's plastic responsibly platform	The purpose of the LPR platform is to start a sustainability movement, which is not just a Safripol initiative, but is also adopted by all stakeholders in the value chain.	In FY2022 we launched the Lets plastic responsibly (LPR) virtual platform, which forms part of the next leg of our "Let's plastic responsibly" campaign. The LPR platform focusses on sharing knowledge around sustainability and how to plastic responsibly covering a broad stakeholder base including communities, parents, youth, schools and corporates. Some of the educational resources included on the platform are printable polymer resin identification charts, do's and don't's on recycling, as well as a separation at source training video. The Safripol Sustainability conference 2022 was hosted on the LPR platform.
Safripol sustainability conference 2022	Safripol host's its annual sustainability conference focussing on the latest trends and technologies to transition the industry towards a circular economy. The conference attracts delegates from across the plastics value-chain.	Safripol's 2022 Sustainability conference focused on solutions required to unlock opportunities for the plastics industry through <i>The Power of "R"</i> – reducing, re-using, recycling, re-thinking, and re-purposing plastics. This, one-of-a-kind hybrid, was live streamed with over 200 delegates in attendance. It showcased a dynamic line-up of speakers including government, leading chemical producers, industry bodies, scientists, waste reclaimers, machine manufacturers, plastic convertors, and environmentalists.
Let's plastic responsibly nowhere needs a straw activation	Safripol recently launched their "Nowhere needs one of these" advertising campaign aimed at eradicating single use plastic straws.	For the campaign, Safripol installed an oversized plastic straw at Emmarentia Dam in Johannesburg, to bring attention to the fact that plastics like straws don't belong in the environment. The straw attracted much attention at the dam and in social media. It started conversations about whether straws are necessary. In support of this campaign, Safripol's Durban site has permanently removed the use of single use plastic straws at its canteen. This has led to the exploration of totally eradicating the use of non-recyclable materials in the canteen.
Let's plastic responsibly toy campaign	The Let's Plastic Responsibly Toy Campaign promotes responsible use of plastics by focussing on the reuse and the repurposing of pre-loved plastic toys.	In FY 2022, Safripol launched the second year of the Let's Plastic Responsibly Toy Campaign, in partnership with The Angel Network and Toy Kingdom. Shopping centers, schools and a few of Safripol's key customers were asked to participate in order to create awareness about how to plastic responsibly. Pre-loved toys donated to the campaign across Guateng, Kwazulu Natal and Cape Town were collected by Safripol, refurbished and then donated to children's orphanages across the country. The Toy Campaign has seen over 26 000 pre-loved toys being collected to date and donated to various early development centres.

Community recycling projects



Plastic waste is a material of economic value that has the potential to enable significant economic growth, transformation, and job creation in the informal sector, while improving the lives and livelihoods of vulnerable communities.

To secure large volumes of recyclables for re-use back in the industry, it is critical that all stakeholders work together to ensure an efficient, integrated, inclusive and equitable waste collection system can be developed that serves the interest of all value-chain stakeholders.

Safripol is focussing on mobilising waste collections within communities, by working with partners on the ground such as African Reclaimers Organisation, buy-back centres, community leaders, Producer Responsibility Organisations (PRO's) and NGO's.



Mobilising waste collections to ensure a consistent supply of high quality and quantity recycled materials is available for the recycling industry is a major focus for industry.

Separation of plastic materials at the source of disposal is an effective solution in ensuring that at end of use, plastics are kept free of contamination, and remain at its highest value, to enable quality plastic recyclates for reuse back into the economy.

Through our various joint partnerships, >200 Tons of materials were collected for recycling.



FOCUS AREA	PURPOSE	PROGRESS
Schools' education and recycling program	At Safripol we believe that if we are to effect change, it starts with the youth. Schools present an ideal platform to educate children about the value and impact that plastics make in our everyday lives, and the importance of responsible waste management practices like recycling. When children are educated about how to use and dispose plastics responsibly, they transfer that knowledge to their families and communities which then starts a system level change.	We partnered with Isphpho to establish a schools recycling and education program which has been rolled out in primary and secondary schools in Umlazi. Isphpho school's Separation at Source programme was initiated to encourage schools to be more responsible in taking better care of their living spaces, to raise awareness on the impacts of irresponsible dumping and pollution and to introduce learners to the concept of 4R's [reduce, reuse, recycle and repurpose]. Teaching material on pollution, recycling and waste management has been developed for foundation, intermediate and senior phases that is aligned to the national CAP curriculum. The program has reached 3 690 children, in 20 schools. 100 Tons of recyclables has been collected from the 20 schools for the period Jan-Jun 2022.
Supporting buy-back centres and waste reclaimers	Buy-back centres play a pivotal role in waste collection in South Africa, providing critical raw materials to industry and serving as the intermediate with the waste reclaimers. Most of the buy-back centres however are small family-owned businesses which are in need of balers, trailers and other equipment to allow them to increase their outputs. Furthermore, where some of the buy-back centres are situated in remote areas, logistics becomes a major issue that impedes collections.	Bophelo Recycling in Mpumalanga: In FY 2022 Safripol and PETCO jointly sponsored Bophelo with a baler and a generator to allow them to increase their collection volumes. From Jan-May 2022, 126 Tons of recyclables were collected (incl 24 Tons PET) which was a 57X improvement in collection volumes as compared to FY 2021. Vaal Triangle collection Projects: Four collection projects have been supported in the Vaal Triangle in FY 2022 which includes: Sidingulwazi Environmental Centre Holdings (Pty) Ltd, Qoqa Community Project, Indaloyami Trading (Pty) Ltd, and Green Ambassadors. Equipment including trailers, industrial platform scales, trolleys and signage boards have been procured and delivered. The projects will be launched in FY 2023.
Recycling bins for community SAS projects	Separation at source (SAS) at the household level represents an effective way to ensure recyclables are kept at their highest quality and value. To support SAS projects, consumables such as recycling bins and bags are very useful to enable waste collection.	For FY 2022, 500 colour coded recycling bins were donated to PETCO for distribution to SAS projects country wide. In addition, in FY 2022, 14 762 bulk bags (used and new) were donated to buy-back centres, collectors, and waste reclaimers country-wide through our partners PETCO and Green Corridors NPC
Litter boom expansion	Litter booms strategically located along river systems can serve as a low cost and effective means of intercepting floating ocean bound waste and recovering it for recycling back into the industry. Due to the lack of waste management services especially in informal communities which are often located alongside rivers, there is a need for localized fit for purpose waste management solutions.	Safripol partnered with Green Corridors and TriEco Tours to scale up the implementation of the litter boom intervention along 2 river catchments in Durban (In Ohlanga and uMngeni). The project focusses on diverting ocean bound waste away from water-ways so that it can be recovered for reuse in the circular economy. 15 new litterbooms were installed in FY 2022 along the Ohlanga and uMngeni river catchments. In total 18 litterbooms are currently being actively managed through the project. The litter booms recovered and diverted 6.6 tons of ocean bound waste. Of the collected waste, 3.9 tons were recycled. The project further created jobs for 9 local community members.

Access to quality education



“Education is the most powerful weapon that you can use to change the world” – Nelson Mandela

FOCUS AREA	PROGRESS
Early Childhood Development (ECD) schools’ nutrition program	In FY 2022, we partnered with INANI Start Well Foundation (NPC) and donated buckets and cereals to feed 855 children in disadvantaged Early Childhood Development Centres with protein-rich cereals. The focus areas are the Durban South Basin and Zamdela in Sasolburg. Included in the initiative is a study by the University of Pretoria involving 300 children between the ages of 2 and 5.
Asibavikele Feeding Scheme	Safripol supports Asibavikele, a LUSA Community Chest Outreach Project at Tsatsi Primary School in Zamdela, Sasolburg. It is a daily feeding program and aftercare service managed by Child Welfare Sasolburg and provides nutritional meals and homework in support of more than 100 children in the township.
Wish-Upon-A-Star Project	This annual project is aimed at purchasing Christmas gifts for the disadvantaged children in the Vaal Triangle. Safripol contributes annually to the project and together with various business and private contributors, paints smiles on the hearts and faces of more than 1000 children in this area. Every child in the 25 registered youth care centres is given the opportunity to choose a quality age-appropriate gift from a wish list provided to the centre manager. This past December, Safripol’s donation made it possible for gifts to be bought for 200 of these vulnerable children.
Winter Warm Campaign	Safripol annually sponsors more than 200 personal blankets to children within LUSA’s registered organisations to protect them against the cold Free State winter.
Support for fence-line schools in Jacobs	Sponsorship to Collinwood Primary School: Wall to wall carpets were provided to Collinwood Primary School to keep the classrooms comfortable during winter times. Mathematics sets, including fraction packs, measuring apparatus, and counting apparatus were also provided to the school to contribute to their learning aid requirements. Support for East Durban Primary School: Safripol sponsored palisade fencing and gates at the East Durban Primary School. Wentworth Angels: Wentworth Angels is a home for children of ages 5 to 14 years. Safripol provided clothing, shoes, and toiletries for 22 children over Christmas.
ARO cheche and vegetable garden	Safripol sponsored the Bekezela informal settlement located in the inner city of Johannesburg in Newtown with a play gym to enhance the learning experience at the creche, which looks after around 30 children of waste reclaimers between the ages of 2 and 6 years old. The creche also receives daily protein-rich cereals through the Safripol’s ECD schools’ nutrition program. Additionally, together with Plusnet-Geotex, we sponsored shade netting for the creche as well as for the vegetable gardens.
uBambiswano sponsorship	This project includes donation for tertiary learning programs, bursaries, weekend study school and sponsorship of disadvantaged learners to attend a private school (St Andrews Girls).

Safripol received special recognition as the Corporate Investor of the Year Award 2021 for Socio Economic Investment in the Community.

"We want to bring special recognition to our stalwarts. These are companies who remained committed to their CSI Vision of making a difference to their stakeholders, including the greater community for the greater good" says Lusa Director, Veronica Cronje. "Purpose driven organisations who see the bigger picture and continue to make the impact in their communities are worthy of recognition and support. This is the true Spirit of Ubuntu and makes complete financial sense as well. Thank you from our hearts. We could not be who we are or do what we do without you", she says (Vaal Weekblad, April 26, 2022).



FOCUS AREA	PROGRESS
North-West University Ikateleng Project	Safripol contributed to the Ikateleng project started at the NWU Vanderbijlpark campus in 1988. This programme provides supplementary teaching for grades 10, 11 and 12 for learners from the disadvantaged communities from Sharpeville, Sebokeng, Boiphetong, Bophelong, Orange Fam and Zamdela. Dedicated teachers in mathematics, physical science, life science, accounting and economics run classes on Saturdays to equip these learners. The recent pass rate was 97% with an average matric exemption rate of 78%.
Komati Foundation	Safripol partnered with the KOMATI foundation to support school kids with extra tuition. Through this initiative, post graduate engineering students from WITS University provide coaching in maths and science for grade 10 to 12 students at a secondary school in Diepsloot.
Feenix Project	This project was launched in 2017 to try and create a sustainable education funding model in South Africa. Safripol contributes to this crowdfunding solution on an annual basis in order to create a network of givers by connecting individuals, businesses and students on one platform and provide access to alternative funding. Organisations are also able to use the Feenix database for a small fee, to find students they would like to fund and bring on as interns or graduate hires.
Partnerships with Universities	Safripol has strong on-going industry-academia collaborations with various local academic institutions, namely, Tshwane University of Technology (TUT), Stellenbosch University (SU), University of Pretoria (UP). Focus areas include financial support for various research projects, sponsorship of equipment, supporting undergraduate student activities, as well as offering learnership opportunities to graduate students. These collaborations are aimed at ensuring long term plastic industry sustainability and, where possible, aligning some academic research projects with industry requirements and applications. Safripol is co-sponsoring a post-doctorate student at SU to establish a baseline for material properties for difficult to recycle plastics.

Enabling work-place experience

At Safripol we believe that the youth are the future. In order to build a workforce that is relevant and adequately equipped with skills to solve the challenges facing society, Safripol enables work-place experience for youth.

We focus on hands on training for learnerships, experiential learners, and apprentices. Additionally, we support YES youth placements in industry, and we partner with organizations focusing on strategic training interventions.



FOCUS AREA	PROGRESS
Learnerships, and apprentices	In FY 2022, 50 learners, interns and apprentices undertook work-place experience at Safripol sites. The students were placed within specific departments across our facilities and received hands-on training and exposure to the business. A further 54 learners engaged in learnership programs hosted in small businesses, of which 14 are disabled students.
YES Program	The YES program is a joint initiative by the private sector and government to assist South Africa's youth to gain work experience through employment placement. In FY 2022, Safripol placed 80 YES youth in small businesses aligned with the circular economy.
NPO Incubator Training and Impact Fund for capacity building	Safripol supported LUSA Community Chest's NPO Incubator Training Programme, a toolkit developed for start-ups to educate them on what is required to effectively operate and manage an organisation. In FY 2022, 5 African males and 8 African females sponsored by Safripol benefitted from the program. Safripol also contributed to the LUSA Community Chest Impact Fund, which focuses on capacity building (financial support) and training programs with affiliated community-based organisations. The training programs equip organisations which support previously disadvantaged communities in and around the Vaal Triangle region and ensures that the highest calibre of training is offered at lowest cost possible.
Safripol partnered with Primestar to support youth entrepreneurship in the green economy	Safripol partnered with Primestars in their Step Up 2 A Green Start Up initiative which encourages youth entrepreneurship through edutainment. This resonated well with Safripol's sustainability strategy since it brought the conversation about the responsible use of plastic and other materials into the homes of more than 10 000 youth who participated in the programme. In FY 2022, Primestars produced a movie focussing on entrepreneurship in the green economy which was shown to youth from disadvantaged backgrounds in various cinemas throughout the country. Youth were then encouraged to submit Green Start Up ideas as part of a competition which culminated in an entrepreneurship bootcamp hosted in Johannesburg for the top entrants. The top ideas were refined after the bootcamp and presented to a panel including sponsors with prizes being awarded to all finalists which included bursaries and business support.

Safripol's approach to enterprise development

Financial support for small businesses

Over the past 2 years, Safripol has prioritised enterprise development as an enabler to support economic transformation and job creation in the country. Safripol's enterprise development program focusses on enabling access to finance for SMME's, targeting black owned businesses, women-owned businesses and/or supporting enterprise development in townships. Our enterprise development investment is mainly aligned with the circular economy, in particular focusses on the collection, and recycling of plastic waste as well education and awareness creating initiatives around the responsible use of plastics.

In FY 2022, Safripol supported the followed small businesses:

- **TriEco Tours** – a black owned business engaged in installing and manning litter booms on rivers in KZN with the aim of reducing the amount of waste flowing into our oceans. TriEco Tours was awarded the 2022 Caroline Reid Awards from Plastics SA for the litter boom project and clean-up efforts.
- **Isphepho Ambassadors** – a black women owned business involved in the collection and sale of waste material as well as educating school-going children about the circularity starting with separation of waste at source. Due to the outstanding progress made through the project funding, Isphepho was awarded the PETCO 2022 Award winner for category: Environmental Education and Awareness Initiative. In addition, Isphepho received a certificate of recognition for being a stakeholder recycler of the year from eThekweni Municipality.
- **Mogapi Education Group** – a black owned company engaged in YES and learnership programs
- **Inani Startwell** – a black owned business which manufactures protein-rich cereal aimed at providing children aged 2 to 5 years old with sufficient protein daily.



Offering support to communities during the KZN floods

When Durban was hit with the recent floods, Safripol quickly reached out to its partners working on the ground to offer support.

Some of the initiatives which we supported include:

1000 recycling bags and >2000 bulk bags were sponsored to Isphepho, Green Corridors, and Plastics SA for beach-clean up's along Umgeni River after KZN floods. We also sponsored Plastics SA for procuring equipment and coordinating the plastics industry support for KZN beach clean-ups in partnership with DSW, Inkwazi Isu, Green Corridors & TriEco Tours.

More than 10 000L of water was donated to Safripol staff and Kwamashu and Umlazi communities. Food parcels and clothes were also donated to Safripol shift staff who were affected by the floods. To ensure water security, 40 water tanks produced by Africa tanks were donated to Isphepho for sponsorship to Umlazi schools.



Safripol employees walk-the-talk

Team Safripol took the call to action at the INTERNATIONAL COASTAL CLEANUP week in September 2021 where 152 volunteers diverted ~1 Ton of waste in just 3.5hrs



In the build-up to the international clean-up day, Safripol, together with the Vaal Action Group, the Rise 'n Shine Community Foundation, and the local community, participated in a clean-up along the Vaal River in Parys. The main goal of the joint clean-up was to remove all the valuable materials from the environment and divert it away from the Vaal River, while creating public awareness around pollution, the value of recyclables, and how to better manage waste.

In 1.5 hours, 77 participants collected 108 bags of materials of which 22 bags were non-recyclable materials. In total, 300kg of recyclable materials were recovered mainly consisting of glass and plastic bottles, plastic containers and lids, and paper and cardboard. The recyclable materials were taken to Seeco Recycling, a local recycler in Parys, so that the recyclable materials could be sold into the recycling industry, for processing back into new secondary products.



On International Coastal Cleanup Day 2021, and in true Safripol style, our employees, families and friends once again showed their support and participated in the clean up alongside the uMgeni Riverbanks at the Blue Lagoon in KwaZulu Natal. The event was organized in collaboration with the Green Corridor NPC and was supported by our partners from PETCO, Plastics SA, eThekweni Municipality Cleansing and Solid Waste, and Department of Health. In the 2-hour clean-up, 75 volunteers recovered 664kg of ocean bound waste and diverted it away from the ocean, to enable its recovery and recycling thereby contributing to the circular economy, while reducing the pollution in the area.

The top 5 items collected during the clean-up were i) plastic beverage bottles, ii) polystyrene foamed take-away containers, iii) beverage cans, iv) plastic bottle caps, and v) food wrappers.

Safripol ambassadors leading by example

At Safripol, we encourage every employee to walk the talk, and be a change agent and ambassador of Safripol's sustainability efforts. Therefore, in the 2021, we asked our employees to sign the pledge to be a World Changer. Employees are encouraged to give their time to community projects to participate in clean-up efforts and educate their neighbours, friends, and families about the responsible use of plastics.



The SAS Change Agent Award for 2021 went to Melisa Brooke, Safripol's Supply Chain Manager, who submitted an inspiring video of her children, Matthew (12) and Brileigh (7) on how you can start separation of waste at home, and that we "should not throw useful stuff away", aligned with Safripol's drive of reuse and recycle.



Caroline Mokoena, Safripol's Accounts Receivable Controller, and a role model mum, educated her daughter, 9-year-old Bontle about the value of waste and recycling. This in turn started a ripple effect. Bontle (in the photo above) gave a speech on recycling to her grade 3 classmates at Laerskool Suikerbos Primary.



Mari van der Merwe, an Improvement Engineer at our PP plant, and our very own change agent, took the initiative to create awareness around recycling at the Vaalpark Primary School in Sasolburg, where together with the school she initiated a recycling campaign. Each child was requested to come in their casual clothing to school for the day with payment being a recyclable item from home. On the day, 182kg of recyclables were collected and by sent to Indaloyami Recyclers.



Kribi Manthre, Safripol's SHER-coordinator for our PET facility, is super passionate about our separation at source project. Here she is seen with her family member delivering household recyclables for recollection at the Safripol Durban site.

Our efforts are being recognised

Safripol recognised as “Recycling Partnership Gamechanger” at the 2022 PETCO awards

Safripol walked away with top recognition at the 2022 PETCO Awards and scooped the Recycling Partnership Gamechanger award. This award recognises partnerships, including government (municipal, provincial, or national), regulatory agencies, community organisations and private industry, that have successfully implemented game-changing initiatives that has resulted in meaningful recycling outcomes or breakthroughs.

One of the major bottlenecks in the recycling industry in South Africa, is access to high quality and quantity feedstock. At the 2022 PETCO awards, Safripol was recognised for the impact of its sustainability projects in advancing waste collection and recycling in the country.

Motivated by the African proverb “if you want to go fast go alone, if you want to go far go together”, over the past year Safripol has partnered with various stakeholders in the value-chain including waste reclaimers, buy-back centres, PRO’s, NGO’s and local communities to unlock waste collection and advance recycling in the country.

Safripol recognised with the Caroline Reid Awards by Plastics SA

In appreciation for our commitment and dedication to restoring rivers and protecting the natural environment, Safripol has been recognised for its role in Clean up and Recycle initiatives, Operation Clean Sweep, and the Green Corridors litter boom project amongst others. All of these initiatives are making an impact in reducing leakage of waste into the environment and ensuring that valuable materials are recovered for recycling. While we are proud of what we together with our partners have achieved thus far, we don’t have to look too far to know that there is still much more work to be done.



Safripol wins runner-up at the CAIA Responsible Care Awards 2021

Safripol was chosen as the runner-up at the CAIA 2021 Responsible Care Awards for Corporate Social Responsibility. This award recognized Safripol and its partners for the positive impact brought about by the “Litter boom and materials recovery project” in the Johanna Road informal settlement. More specifically this project demonstrated the power of partnerships. In a world where change is difficult, Safripol and its partners Green Corridors, TriEco Tours and Travel, and Petco proved that grass-roots impact can be achieved when we all work together. This project demonstrated that with the low-cost litter boom intervention, a significant amount of ocean-bound waste can be intercepted and recovered for recycling. The project created much needed awareness around plastic pollution and the importance and benefit of recycling to society, the environment and industry.

Final thoughts

This year has been instrumental in driving forward Safripol's sustainability goals for 2030. This period has seen Safripol, and its board make bold decisions like the approval of a 10MW PV plant for renewal energy generation at our polyolefin facility in Sasolburg. Additionally, we have finalised our commercial rPET trials and registered the trademark for our recycled product portfolio. We hosted a successful Sustainability  Conference 2022 bringing together thought leaders in the value-chain and focussing on opportunities to move the industry forward towards a sustainable future. We also launched a schools recycling program, and great efforts have also been made towards developing localised waste collection and recycling initiatives, entrepreneurship development, strengthening our relationships with our communities, and inspiring change through our Lets plastic responsibly platform. We have also made significant progress with identifying value chain partners, as well as aligning with governments Masterplan objectives for the industries in which Safripol participates.

It's been an absolute pleasure to share our progress with you in our FY 2022 sustainability report. The progress made to date would not have been possible without the commitment of our stakeholders and partners, and we are grateful for your support. The year ahead however remains critical in cementing Safripol's leadership position in plastic sustainability, as we bring to market Safripol's 1st commercial rPET food contact bottle grade and scale up several of our other initiatives. We look forward to strengthening our existing partnerships and developing new ones as we work together on the journey towards a sustainable plastics industry.



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