Chemicals in everyday life.



Responsible Care®

Performance Report 2026



CAIA
Chemical & Allied Industries' Association

SOAS

Responsible Care®
OUR COMMITMENT TO SUSTAINABILITY

SAFETY SMART
Be Smart. Prevent Injuries. Save Lives.

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CHEMICALS IN EVERYDAY LIFE

As a leading trade association, the Chemical and Allied Industries' Association (CAIA) represents organisations across the entire chemical value chain. The chemical industry is a key pillar of the economy that provides essential inputs to almost every economic sector. In South Africa, the industry is a R951 billion producer that contributes 2.4% to Gross Domestic Product (GDP) and provides direct employment to over 182 000 people.

The sound management of chemicals is crucial for preventing and, where prevention is not feasible, minimising adverse impacts on human health and the environment. Responsible Care® ensures that any organisation mitigates health, safety and environmental risks to its workers, neighbouring communities and the wider society.

CAIA is cognisant and monitors the global trends impacting the chemical industry. One key development is the Global Framework on Chemicals – For a Planet Free of Harm from Chemicals and Waste (GFC) that was adopted in September 2023. This provides the building blocks for a future in which humanity benefits from chemicals in a safe manner, while avoiding negative impacts. CAIA has been actively engaging with the Department of Forestry, Fisheries and the Environment (DFFE) in the development of a national plan of action to implement the GFC in South Africa. A greater focus will be on chemical hazard elimination and scaling up green chemistry, strengthening hazard communication through the implementation of the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), and compliance with the stricter regulations with regard to health, safety and environmental protection.

Responsible Care® provides members with the tools to respond to these increasing pressures and to demonstrate the implementation of responsible chemicals management.



Summary of Key Performance Indicators

Safety and Health

Recordable injury incident rate (per 200 000 hours worked)

Non-material contractor
88% increase

Non-material in-house
44% increase

Occupational disease rate (per 200 000 hours worked)

In-house
53% decrease

Behaviour-based safety programme
26% increase

Emergency response plans available and tested
100%

External stakeholder meetings
22.8% increase

Number of environmental incidents
42% decrease

Sustainability

Energy consumption (GJ per tonne)
17% increase

Electricity consumption (GJ per tonne)
47% increase

Water consumption (kL per tonne)
33% increase

Greenhouse gas emissions ($kgCO_2e$ per tonne)
25% decrease

Hazardous solid waste generated (kg per tonne)
29% decrease

Non-hazardous solid waste generated (kg per tonne)
17% increase

Leadership and Strategic Context

Chairperson's Statement

Nico van Niekerk



The chemical industry continues to operate under significant pressure in an uncertain and volatile global environment, resulting in sharply lower earnings, plant closures, accelerated restructuring, product discontinuations, and job losses.

The instability experienced in South Africa's chemical sector over the period 1 July 2025 to 30 June 2026 largely reflects two underlying vulnerabilities: the sector's reliance on imports of both intermediate and finished products, and the decline of domestic petroleum-refining capacity. Together, these factors have left the sector – and the country – more exposed to disruptions in the supply of critical imports and to inflationary pressures arising from higher energy prices, further constraining an already weak economic growth.

The most significant effect of international developments has been the sharp rise in fuel and gas prices. In addition to higher crude oil prices, the structural decline in domestic refining capacity has substantially increased South Africa's reliance on imported finished petroleum products, heightening its exposure to elevated prices and refining-cost premiums. The resulting 44% increase in fuel prices has been the primary driver of accelerating inflation. Over the period, imports of finished petroleum products were 25% higher than a year earlier and, in June 2026, were 97% above their June 2025 level.

A second strategic concern for both the sector and the country is the disruption to supplies and logistics that is affecting one-third – approximately R600 billion – of South Africa's R1.88 trillion critical chemical imports sourced from the Gulf region. This dependence peaked in August 2025. For at least half of these products, imports from the Gulf account for more than 30% of South Africa's total imports from global markets.

This disruption has prompted a significant geographical shift in South Africa's chemical imports away from the Gulf. Between August 2025 and mid-2026, total chemical imports from the Gulf region, including petroleum products, fell by 54%. Petroleum-product imports declined by 52%, while imports of other chemicals decreased by 71%. Over the same period, imports from the rest of the world increased by 46%, driven by an 85% rise in petroleum-product imports, although imports of other chemical products declined by 10%.

South Africa's chemical export outlook has also weakened. In inflation-adjusted terms, exports have declined steadily by approximately 25% since the end of 2020, and current export sales account for less than 17% of domestic production.

Business confidence in the chemical sector followed a distinct "tale of two halves". From July to December 2025, the confidence index rose nearly threefold, from 18 to 62, largely in response to positive domestic economic developments. This improvement was fully reversed between January and June 2026 as the cumulative effects of adverse international developments weighed increasingly on sentiment.

> **Safety remains a key focus area with CAIA continuing to engage with members on the implementation of the "SAFETY SMART" programme, which is in its second year.**

Huge uncertainty remains about the direction of **chemical sector production**. Since 2024, there has been increasing volatility in the confidence of future business conditions. Although there was a surge in non-petroleum production of about 25% after COVID-19, this was not sustained and by the end of 2025, the levels had decreased by 4% compared to 2019 levels. Total sector production (petroleum and non-petroleum) remains at nearly 20% below pre-COVID-19 levels, mainly due to the 35% decline in petroleum production since 2019. The impact of the forced shift away from intermediary product suppliers in the Gulf, was a slight increase in petroleum production between May and June 2026. Sector production over the period grew by 2.8% although non-petroleum production increased by only 1.8%. Sector production rose by 3.6% in June 2026 compared to June 2025.

The impact of price increases must be considered when **sector sales** are evaluated. Price increases and the weakness in the South African economy have resulted in sector sales declining by 0.3%, while non-petroleum sales increased slightly by 1%. The sector inflation-adjusted sales decreased by 18%, and non-petroleum sales by 14%.

Producer-price increases are no longer driven solely by administered fuel prices, and price volatility has intensified considerably. Prices for crude oil, refined petroleum products, gas, rubber, and fertiliser have fluctuated sharply over short periods.

Chairperson's Statement continued

Employment figures for the first quarter of 2026 confirm a structural decline in job opportunities over the past three years. By the end of the second quarter of 2026, employment had fallen to levels last recorded in the corresponding quarter of 2022 and in the first quarter of 2020. More than 3 000 jobs have been lost over the period, and indications are that this downward trend is continuing.

The past year underscored CAIA's critical role in policy leadership and collaboration across the value chain through engagement with government, labour and the industry. Throughout the year, CAIA used available platforms – including written submissions, bilateral engagements, member advocacy, and social dialogue – to represent the interests of members.

Thank you to all members who submitted Key Performance Indicator (KPI) data. As we conclude the third year of using the new online system, we also appreciate the constructive feedback members have provided to help optimise the platform and simplify the submission process. We look forward to further improving the accuracy of the information collected, enabling the development of meaningful industry benchmarks and helping to identify areas that require additional attention to strengthen Responsible Care® implementation.

It is of concern that once again four fatalities were reported by members, two in-house and two contractor incidents. All fatalities were a result of events not related to material handling. Similarly, an increase was observed for non-material related recordable injury incident rates for both contractors and in-house, although the incident rates for in-house material-related incidents decreased.

Safety remains a key focus area with CAIA continuing to engage with members on the implementation of the "SAFETY SMART" programme, which is in its second year.

As reported last year, CAIA and the Department of Trade, Industry and Competition **(the dtic)** continue to collaborate on developing a strategic roadmap for the sector. CAIA has appointed a consulting firm to conduct a South African chemical industry market study across four focused workstreams, creating a comprehensive evidence base of the industry's economic contribution, key risks, available opportunities, and the government interventions needed to unlock them.

There has been significant legislative activity across several key areas, which CAIA continues to monitor and engage on closely. Weekly communiqués keep CAIA members informed of developments, together with the various focus work groups comprised of experts.

The B20 Summit held in November 2025 gave South African businesses a global platform to demonstrate leadership and align international priorities with African realities. Reflecting on the recommendations, and in response to the G20 priorities, South Africa stands ready to accelerate action that drives investment, secures infrastructure and opens corridors that connect African talent and goods to global markets. The chemical sector continues to contribute to, and advance several of the agreed recommendations.

The third phase of the Business for South Africa (B4SA) partnership with Government, launched on 20 August 2026, prioritises economic growth and job creation, aiming to expand the economy by at least 3% and create one million jobs by 2030. It is structured around three tiers. First, reforms in growth-enabling sectors – energy, transport and logistics – must be completed. Second, attention will focus on sectors in which South Africa has a global competitive advantage and strong job-creation potential, namely mining, agriculture, tourism and infrastructure. Third, the partnership will target confidence multipliers that can attract investment by addressing crime and corruption, developing a more evidence-based "SA Inc" narrative, and stabilising the City of Johannesburg.

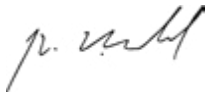
From an international perspective, the International Council of Chemical Associations (ICCA) and the World Plastics Council (WPC) formalised the integration of the WPC within the ICCA structures. This was an important step in strengthening global industry collaboration and advancing a coherent voice on chemicals and plastics.

The GFC provides essential building blocks for a future in which people benefit from chemicals safely and sustainably while adverse impacts are minimised. Strengthening chemicals management is critical for South Africa and the wider region. CAIA is engaging with stakeholders – including the ICCA, multinational chemical companies, the European Union and the World Economic Forum – to strengthen chemicals management through capacity building, technical expertise, skills transfer and technology support.

CAIA remains steadfast in its commitment to collaboration, innovative thinking, strategic partnerships and knowledge sharing, as we work together to build a strong, resilient and sustainable chemical sector.

In closing, I would like to thank the CAIA Board for its support over the past year and the CAIA team for its unwavering commitment to members.

The 2026 Responsible Care® Performance Report presents the outcomes reflected in the KPI data submitted by members and provides an overview of CAIA's work during the year. I trust that you will find the report both informative and insightful.



Nico van Niekerk
Chairperson of the CAIA Board

CHEMICALS IN EVERYDAY LIFE

Transport and mobility

From farm to factory to your front door. Chemical products fuel the journey. Fuels, lubricants and materials keep our vehicles, trucks and planes moving.

Executive Director's Statement

Deidré Penfold



South Africa's resilience was tested over the past year as the global landscape continued to shift. Geopolitical tensions disrupted trade and accelerated the pursuit of energy independence, while deepening climate-related losses reinforced the need for urgent adaptation and greater equity.

While notable progress has been made in repairing the foundations of the South African economy, this has not yet translated into sustained growth, as reflected in the 0.2% contraction recorded in the second quarter of 2026. Improved infrastructure and policy reform can create the conditions for growth, but they do not guarantee it. Growth and job creation are ultimately driven by investment, which is underpinned by confidence.

South Africa's energy landscape showed notable improvement, marking important progress towards a more competitive and secure energy system. Progress was also made in transport and logistics, with several operational and structural improvements supporting a more efficient trade environment. Although rail performance remains below the level required to support economic growth, the direction of reform has shifted positively. South Africa's removal from the Financial Action Task Force grey list in October 2025 was a landmark achievement and provides a stronger platform for rebuilding institutional credibility. However, organised crime, corruption and weak enforcement remain serious threats to investment and public trust, requiring sharper and sustained focus.

The B20 Summit held in November 2025 was a great success with its call for inclusive growth and shared prosperity through global cooperation. The priorities reflected in the B20 recommendations mirrored those of South Africa's G20 Presidency which sought to reindustrialise economies, unlock sustainable finance, and ensure that digital and green transitions drive opportunity that leads to inclusion.

As chemicals are fundamental to virtually every sector of the economy and modern life, the Association must remain informed of, and responsive to all developments impacting the industry and its related value chain, both globally, within the region and nationally.

The chemical industry will continue to operate in a dynamic risk environment shaped by technological advancement, environmental pressures, societal expectations and evolving regulatory requirements.

Advocacy remains a central pillar of CAIA's work, particularly as members continue to navigate an increasingly complex compliance environment. During the year under review, several emerging policy and regulatory developments came to the fore, many of which have the potential to significantly impact the chemical sector and its related industries.

CAIA has continued to engage with key stakeholders, including Government representatives, to address issues of concern affecting the sector; facilitate constructive dialogue on emerging matters; and strengthen collaboration between industry and Government.

The following provides a brief overview of the key policy and regulatory developments that shaped the operating environment during the year under review. Many of these issues are expected to remain priorities in the year ahead and will continue to require active engagement and monitoring by members.

> **"Looking ahead to 2027, CAIA remains committed to constructive engagement that supports the growth South Africa urgently needs to create much-needed jobs.**

Despite ongoing engagement and input on the definition of ***waste***, publication of the Waste Act Amendment Bill remains outstanding. In the meantime, the DFFE has continued to advance several related policy and regulatory initiatives. These include the updated National Waste Management Strategy; a National Circular Economy Action Plan; amendments to the National Waste Exemption Regulations; and amendments to the regulations that exclude a waste stream, or part of a waste stream, from the definition of waste.

CAIA and its members remain fully committed to sustainable waste management, the waste hierarchy and the transition to a circular economy. To support this transition, the regulatory framework must enable re-use, recycling and beneficiation, while reducing the volume of waste disposed to landfill.

An appropriate ***definition of waste*** is fundamental to the sustainable implementation of a circular economy and to supporting job creation. CAIA will therefore continue to engage with the DFFE on this strategic issue.

Executive Director's Statement continued

CAIA continued to raise concerns with the Department of Health regarding the published Declarations of Group I and Group II ***Hazardous Substances*** and their planned implementation. On 13 March 2026, the Department published a notice extending the implementation date to 13 September 2027. A webinar was held with the Department to clarify the regulations and provide an opportunity for CAIA to raise implementation challenges. Further engagement sessions will be held to support constructive dialogue and facilitate agreement on the way forward.

Following the submission of the second Nationally Determined Contribution (NDC) for the Republic of South Africa to the United Nations Framework Convention on Climate Change, the DFFE is progressing with the roadmap to transition to a ***low carbon economy***, guided by the Climate Change Act 22 of 2024 that came into operation on 17 March 2025. Draft National Greenhouse Gas Carbon Budget and Mitigation Plan Regulations establish the legislative framework for mandatory carbon budgets and submission of mitigation plans that set out actions to be implemented to reduce greenhouse gas (GHG) emissions and remain within the allocated carbon budgets. The first commitment period runs from 1 January 2026 to 31 December 2030. All emissions under the carbon budget remain taxable under the Carbon Tax Act. Any emissions that exceed the allocated carbon budget will attract a significantly higher carbon tax rate, which has been proposed by National Treasury to be R640 per tonne. This will place additional burden on industry to develop credible mitigation plans aligned to the carbon budget cycle to mitigate the second tax payment.

The DFFE is engaging widely on the South Africa's Long-term Low Emission Development Strategy that sets the goal to reach net-zero carbon emissions by 2050. The Strategy guides the country's transition to a climate-resilient, low-carbon economy while balancing critical socio-economic needs, poverty reduction, and job creation through a just transition, providing industry with the proposed roadmap for emissions reduction.

Water security continues to be a significant risk to industry. With poor municipal service delivery and ongoing pollution of water resources, the risk to economic activity has increased. This situation is expected to be exacerbated with the strengthening 2026 El Niño that is projected to bring hotter temperatures, severe heatwaves, and below-normal rainfall to the summer rainfall region. It was noted from the KPI data that water consumption increased by 33% over the previous year. With the introduction of the revised Pricing Strategy for Raw Water Use Charges that became effective on 1 April 2026 and the infrastructure challenges, it is essential that members ensure that water efficiency is optimised.

The National Biodiversity Strategy and Action Plan (NBSAP) 2026 to 2035 sets out South Africa's national roadmap for conserving, restoring, and sustainably using the country's ***biodiversity***. It translates the Kunming-Montreal Global Biodiversity Framework (GBF) into measurable national actions. Target 15 of the GBF applies to business regarding mainstreaming of biodiversity with the action in the NBSAP – Government to "Partner with large and transnational companies to regularly monitor, assess and disclose risks, dependencies and impacts on biodiversity in accordance with existing legal, administrative and/or policy frameworks". Members responded positively to the questionnaire circulated by DFFE, the South African National Biodiversity Institute (SANBI) and Business Unity South Africa (BUSA) last year to gather baseline information on biodiversity mainstreaming. The questionnaire will be circulated annually to monitor progress towards compliance with Target 15. CAIA will align the questionnaire with the biodiversity KPI to facilitate gathering of information for the chemical industry.

Industry is facing significant challenges with the increasingly stringent requirements for improving ***air quality***. In addition to the revised Minimum Emissions Standards issued under the National Environmental Management: Air Quality Act 39 of 2004, three priority areas have now been declared, namely the Highveld Priority Area, the Vaal Triangle Airshed Priority Area and more recently the Waterberg-Bojanala Priority Area. Industries operating in these areas are obligated to develop and submit Emission Reduction and Management Plans that are aligned with the Priority Area Air Quality Management Plan targets that are designed to reduce cumulative pollution.

On the ***international*** front, the global management of chemicals is guided by the GFC. Preparations are underway for the first international conference scheduled to take place from 16 to 20 November 2026. CAIA is engaging with the DFFE and providing input to the national implementation plan that is being developed as the roadmap for South Africa to meet the five objectives and 28 targets of the GFC by 2030 and 2035.

Executive Director's Statement continued

CAIA, in collaboration with the DFFE, is a recipient of funding from the ICCA under their 30x30 programme to implement training on the GHS in the 16 Southern African Development Community (SADC) Member States. The project was launched in South Africa in October 2026.

In relation to the development of a ***Global Plastics Treaty***, an International Legally Binding Instrument on Plastic Pollution, including the Marine Environment, the negotiation process was revived with the appointment of a new Chair of the Intergovernmental Negotiating Committee (INC). Several informal meetings have been held with Heads of Delegations (HODs) and Observers and an updated roadmap developed that tentatively schedules the next formal INC meeting for March 2027. An Aid to Negotiations was issued following an informal HOD meeting held from 30 June to 3 July 2026 that will be updated following further informal HOD discussions in Bangkok from 27 to 30 September 2026. A key stumbling block includes disagreement on the restriction of manufacturing of plastics and inclusion of chemicals of concern. CAIA and the ICCA have stated that the GFC should be the instrument to drive national sustainable chemicals management.

CAIA remains actively involved in the **B4SA** partnership with Government, which serves as a platform for collaboration in support of inclusive growth, employment creation, enhanced confidence, and increased investment. Looking ahead to 2027, CAIA remains committed to constructive engagement that supports the growth South Africa urgently needs to create much-needed jobs.

Responsible Care® remains a cornerstone of the Association's work. To ensure the global initiative continues to grow and remains relevant, practical and effective in an ever-changing operating environment, continuous improvement is essential.

The programme provides members with a structured framework to engage on a broad range of issues relevant to the chemical sector, supporting shared learning, responsible performance and ongoing improvement across the industry.

During the past year, CAIA reviewed the management system frameworks to improve alignment between management-system requirements and assessment criteria, while strengthening the quality and consistency of independent assurance outcomes.

The industry's ability to anticipate and respond to emerging risks will be critical to maintaining safe operations, protecting the environment, strengthening stakeholder confidence and supporting sustainable growth in the years ahead.

Innovation remains central to Responsible Care® performance, with the industry investing in improved technologies, digital systems, process improvements and stronger management practices to support safer operations, better resource efficiency and stronger environmental performance.

In conclusion, the chemical sector remains constrained by a challenging operating environment.

CAIA will continue to work closely with members to navigate a year that is expected to bring both challenges and opportunities.

On behalf of the CAIA Board, I extend sincere appreciation to members for their continued support and for the confidence placed in CAIA to represent their interests and address their concerns.

The CAIA team remains committed to serving members and looks forward to ongoing collaboration, constructive engagement and meaningful dialogue on matters of shared importance.



Deidré Penfold
Executive Director

CHEMICALS IN EVERYDAY LIFE

Manufacturing and packaging

Behind every product is a process shaped by chemical products. Paper, tissue and packaging rely on soda ash, acids, starch and calcium carbonate. Cleaner, safer, more efficient manufacturing – made possible by chemicals.



About CAIA

The Chemical and Allied Industries' Association (CAIA) is a well-respected trade association in South Africa. Through advocacy, collaboration and expert support, CAIA drives economic growth, sustainability, safety, and security for its membership and the related sectors. As custodian of Responsible Care® for over thirty years, it champions innovation that benefits the economy, the environment and society.

CAIA envisions a thriving and profitable chemical sector – one that drives innovation, supports the economy, and improves the quality of life for all. This vision is grounded in a commitment to achieving zero harm: zero injuries, zero process safety incidents, zero environmental impacts, and zero fatalities.

The chemical and allied industries operate in a changing regulatory, environmental, social and technological landscape. Responsible Care® gives organisations a structured framework to anticipate emerging issues, assess their relevance, strengthen preparedness and direct improvement towards areas of greatest consequence or opportunity.



CAIA will continue strengthening assurance of proper chemicals management focusing on consistency, transparency and the sharing of industry-wide information.

Responsible Care® Overview

Responsible Care® is the global chemical industry's voluntary commitment to continuous improvement in safety, health, environmental and security performance, combining ethical leadership with practical management-system discipline across the product life cycle. Internationally, the programme is coordinated by the ICCA and implemented through national associations and their members.

In South Africa, CAIA is the national custodian of Responsible Care®, which is anchored in the Global Charter and the CAIA Responsible Care® Declaration. Through the Declaration, each signatory publicly commits to the Guiding Principles at senior-executive level and periodically reaffirms that commitment (every three years), reinforcing visible leadership and accountability. CAIA gives practical effect to this commitment through management-system requirements, guidance, performance reporting, assurance and shared learning.



Framework and Tools

Responsible Care® translates the chemical industry's public commitment into a structured system of governance, implementation, measurement and improvement. Available tools that translate commitment into measurable action include:

- The Responsible Care® Declaration, through which signatories publicly commit to the Guiding Principles.
- The Codes of Management Practice, which establish management-system expectations, ideal for manufacturers and other chemical processing plants.
- SQAS-AFRICA (Safety and Quality Assessment for Sustainability – AFRICA), an independent assessment framework for applicable supply-chain organisations (logistics service providers).
- The ICCA Responsible Care® Self-Assessment Tool, supporting benchmarking and maturity assessment.
- KPI reporting, enabling performance measurement and industry benchmarking.
- Training, technical forums, auditor forums and knowledge-sharing platforms that build capability.

Strategic Alignment

Responsible Care® operates within a wider system of international and national frameworks for chemicals management and sustainable development, supporting leadership, risk management, performance measurement, stakeholder engagement and continuous improvement. It complements – and never replaces – each organisation's legal and regulatory obligations.

Key Risks and Emerging Issues

The chemical and allied industries continue to face a range of evolving risks and emerging issues with implications for regulatory compliance, operational resilience, environmental performance and long-term sustainability. During the reporting period, several key themes emerged from CAIA forums, auditor engagements, member interactions and Responsible Care® initiatives, and will continue to shape industry priorities.

Regulatory and Compliance Developments

The regulatory environment continues to evolve alongside changing societal expectations, environmental priorities and international developments. Members highlighted the growing complexity of compliance obligations across the chemical value chain – with a particular focus on GHS implementation, hazardous chemical management, dangerous goods transport legislation, environmental reporting and Major Hazard Installation (MHI) Regulations.

Climate Change, Resource Efficiency and Sustainability

Climate change and sustainability remain significant strategic considerations, with growing expectations from regulators, customers, investors and communities around carbon reduction, resource efficiency and environmental stewardship. Projects submitted during the reporting period showed increasing investment in renewable energy, energy efficiency, waste minimisation, circular-economy initiatives and greenhouse-gas emission reduction.

Chemical Transport Safety and Security

Transporting hazardous materials remains a significant, ongoing risk area. Industry discussions identified driver behaviour, fatigue management, security threats, road safety and dangerous goods compliance as key concerns, while advances in telematics, driver-monitoring systems and risk-control technologies are creating new opportunities to improve transport safety and oversight.

Workforce Competence and Skills Development

The sector's sustainability depends on access to competent technical, operational and leadership skills. Skills shortages, workforce turnover and changing competency requirements remain challenges, and members continue to invest in education, technical training, graduate development and community skills initiatives to strengthen future workforce capability.

Digital Transformation and Artificial Intelligence

Digital technologies increasingly influence how organisations manage safety, environmental performance, operations and compliance. The growth of artificial intelligence (AI) and automation brings both opportunity and governance challenges. Realising the benefits of technology will require appropriate oversight, cybersecurity and responsible implementation.

Stakeholder Expectations and Industry Reputation

Stakeholders increasingly expect transparency, accountability and measurable sustainability performance. Maintaining public trust requires continuous engagement with communities, regulators, customers and employees. Responsible Care® continues to provide an important platform for demonstrating commitment to responsible chemicals management and continuous improvement.

Looking Ahead

Through Responsible Care®, CAIA members remain committed to proactively identifying emerging risks, sharing best practice and strengthening management systems. Continuous improvement is fundamental to Responsible Care®: converting performance information, audit findings, incident learning, stakeholder input and emerging knowledge into better decisions, stronger controls and measurable outcomes.

Innovation supports this process by enabling safer operations, more efficient resource use, improved environmental performance and more resilient management systems. Organisations have continued to invest in improved technologies, digital systems, process improvements and enhanced management practices – ranging from the digitalisation of management systems and reporting processes to improvements in process safety controls, emissions-reduction initiatives and resource-recovery programmes.

Continuous improvement is not a destination but an ongoing commitment. Through learning, innovation, assurance and collaboration, Responsible Care® signatories continue to strengthen their ability to protect people, the environment and communities while supporting sustainable industry growth.

2027 Priorities and Commitments

The priorities for 2027 reflect CAIA's commitment to strengthening responsible management of chemicals throughout their life cycle. CAIA will continue supporting the implementation of the revised Responsible Care® Management System (RCMS) and SQAS-AFRICA frameworks through guidance, training and stakeholder engagement, with particular emphasis on consistent application, understanding of the revised protocols and effective management-system implementation across signatories.

Other priorities include:

- **Advance Process Safety Excellence**
  Building on focus areas identified through audits, forums and stakeholder engagement, and process safety leadership, the sharing of lessons learned, and the adoption of recognised process safety management practices will be promoted – supporting better understanding of process hazards, critical controls and risk management across the value chain.

- **Enhance Product Stewardship Across the Value Chain**
  Promotion of the continued integration of product stewardship principles across the chemical life cycle – hazard communication, customer awareness, safe handling, supply-chain engagement and end-of-life considerations. Particular attention will be given to the Product Stewardship Code and sharing examples of good practice.

- **Build Industry Capability and Competence**
  Provide training, webinars, forums and technical guidance across Responsible Care®, GHS, process safety, chemical management and leadership.

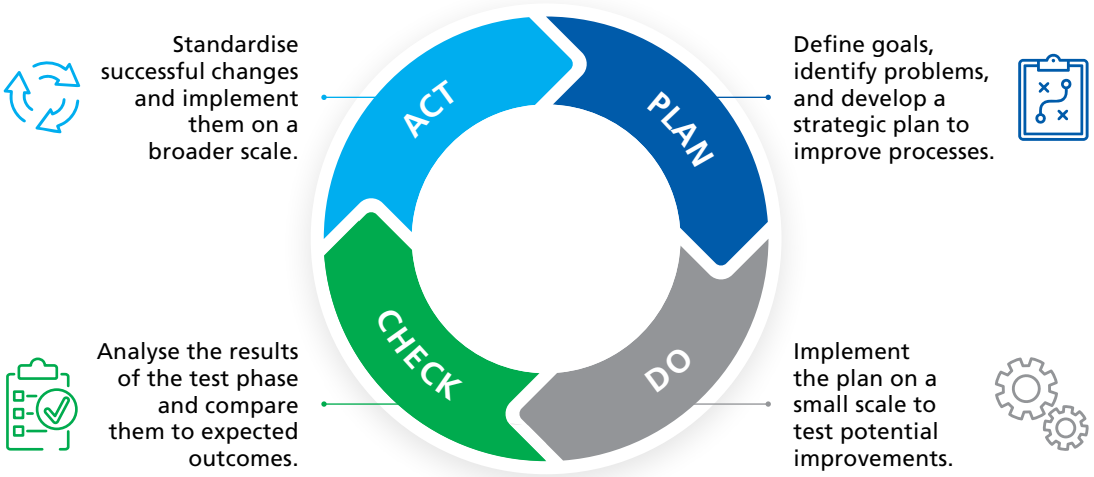
- **Strengthen Stakeholder Engagement and Public Confidence**
  Facilitate engagement with industry, regulators, communities and other stakeholders to build awareness, dialogue and trust in the responsible management of chemicals, supporting knowledge sharing and a clearer understanding of the role chemicals play in everyday life.

- **Support Data-Driven Continuous Improvement**
  Continue refining performance measurement, reporting and benchmarking tools to support evidence-based decision-making, using the industry's collective performance data and assurance activity to identify trends, highlight improvement opportunities and share practical solutions.

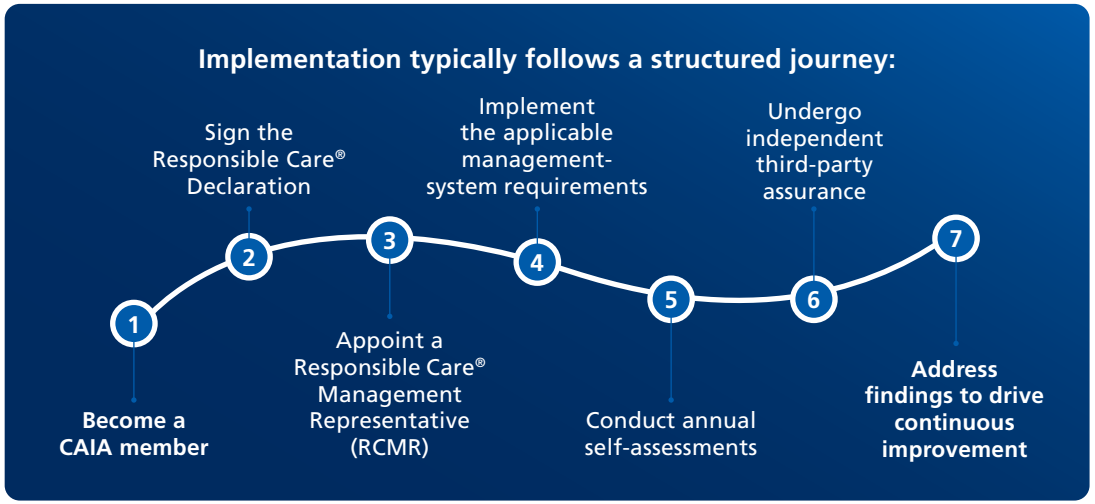
- **Promote Innovation and Sustainable Development**
  Continue to encourage the sharing of initiatives that enhance safety, resource efficiency, emissions reduction, circularity and operational resilience. Support members in improving performance while contributing to broader sustainable development objectives.

Governance and Management Systems

Responsible Care® follows a management-system approach – leadership, planning, implementation, performance evaluation and continuous improvement – built on the Plan-Do-Check-Act cycle.



For many signatories it operates alongside ISO 9001, ISO 14001 and ISO 45001, adding industry-specific expectations for the responsible management of chemicals across their life cycle.



Governance and Management Systems continued

Governance operates at both national and international level: CAIA as the custodian, provides leadership, assurance frameworks and stakeholder engagement, while the ICCA provides the Global Charter and facilitates global collaboration and benchmarking among Responsible Care® associations.



1 ICCA
Global Stewardship
Sets the Global Charter and coordinates Responsible Care® worldwide.

2 CAIA
National Custodian
Leads the programme in South Africa – tools, guidance, assurance and engagement.

3 Signatories
Organisational Implementation
Apply management-system requirements and manage risk across operations and the value chain.

4 Self-Assessment
Internal Review
Evaluate performance, identify gaps and act on findings.

5 Independent Assurance
Third-party Verification
Independent audits verify implementation and provide objective assurance.

6 Continuous Improvement
Drive Better Performance
Use audit and performance insights to strengthen systems and results.

Programme outcomes and value created

- **Leadership Commitment**
- **Risk Management**
- **Performance Measurement**
- **Transparency**
- **Accountability**
- **Continuous Improvement**

Responsible Care® Governance Model. Global principles, translated into national programme governance, organisational implementation, independent verification and continuous improvement.

Product Stewardship

Product stewardship gives practical expression to the industry's responsibility for the safe management of chemical products across their life cycle.

Aggregated RCMS audit results for the reporting period show product stewardship as a comparatively strong area of performance. This includes established arrangements for identifying and managing product-related risks and communicating relevant information to employees, customers and suppliers that are often integrated into wider management systems and operational controls. Good practices include structured product-risk assessment, operational controls supporting product quality and safety, and competence arrangements for personnel with product-stewardship responsibilities.

The findings also underline the value of engagement beyond organisational boundaries. Dialogue with customers, suppliers and service providers helps ensure hazards, controls and responsibilities are understood as products move through the value chain. This gives effect to the shared-responsibility model central to Responsible Care® and to confidence in the safe use and management of chemicals.

Improvement opportunities remain, including formalising product-stewardship programmes where activities are not yet consolidated, extending awareness beyond specialist functions, strengthening performance review and preserving critical product knowledge.

Product Stewardship Across the Chemical Life Cycle

Shared Responsibility — Managing Risk — Protecting People and the Environment



RCMS Audit Insights

Strengths Observed

- Strong product-risk management practices.
- Effective hazard communication across the value chain.
- Product stewardship integrated into management systems.
- Competence arrangements for responsible personnel.

Opportunities for Improvement

- Formalise programmes where not yet consolidated.
- Broaden awareness beyond specialist functions.
- Strengthen performance review and measurable objectives.
- Preserve critical product knowledge.

Dialogue and collaboration with customers, suppliers, logistics partners and other stakeholders ensures hazards, controls and responsibilities are understood across the value chain.

Together, we protect people and the environment.

Product stewardship is a core element of Responsible Care® | Good practices today. Safer solutions tomorrow. | Stronger value chain. Greater trust.

Compliance and Assurance

Compliance and assurance remain central to the credibility of Responsible Care®. Independent assessment, self-evaluation, performance monitoring and corrective-action processes help organisations verify implementation, identify improvement opportunities and strengthen governance. This provides confidence that Responsible Care® commitments are embedded in day-to-day operations.

Audit results for the reporting period demonstrate strong legal-compliance management, established governance systems and continued integration of Responsible Care® principles into organisational management systems, with clear accountability structures and management-review mechanisms evident across many organisations. Opportunities for improvement include strengthening Responsible Care® awareness, enhancing performance measurement and reporting, and further embedding Responsible Care® into management-review processes.

Assurance Highlights (2025/26)

7
RCMS audits completed across Responsible Care® signatories.

20
Logistics Service Provider signatories were audited and maintained SQAS-AFRICA certification.

Strong, consistent evidence of **legal-compliance and governance** systems across audited organisations.

Ongoing focus on strengthening awareness, **performance measurement and management-review effectiveness.**

Updates to the Responsible Care® Management System Framework

The Responsible Care® programme has continuously evolved to remain relevant, practical and effective in a changing operating environment. Opportunities to strengthen consistency, improve traceability, reduce duplication and support a more risk-based approach to implementation and assurance were identified.

CAIA has continued modernising both the RCMS and SQAS-AFRICA frameworks, introducing a clearer separation between what organisations are required to implement and how implementation is assessed. Key enhancements and benefits include:

- Defined management-system requirements.
- Requirement-aligned audit protocols.
- Enhanced guidance documents.
- Greater emphasis on risk-based implementation and operational risks.
- Improved traceability between requirements, evidence and findings, enhancing transparency.
- More consistent interpretation and auditing between the organisations and auditors.
- Stronger alignment with recognised management-system principles and international best practice.

This is work in progress with the updated frameworks to be finalised by December 2026.

CHEMICALS IN EVERYDAY LIFE

Water and environment

Clean water starts with chemistry. Treatment and purification processes ensure safe water for all. Protecting people and the planet.

Performance

Safety and Health Performance

2025 Performance Metrics and Results

Companies collect and report Responsible Care® KPIs on an annual basis. Responsible Care® KPIs are a set of essential metrics in the fields of health and safety, environment, use of resources, and transport. They are used to measure and assess companies' performance, to highlight improvements, and to be able to respond to any potentially negative aspects. Regular KPI submissions promote transparency, accountability, and allow benchmarking across the industry.

Safety and Health Indicators

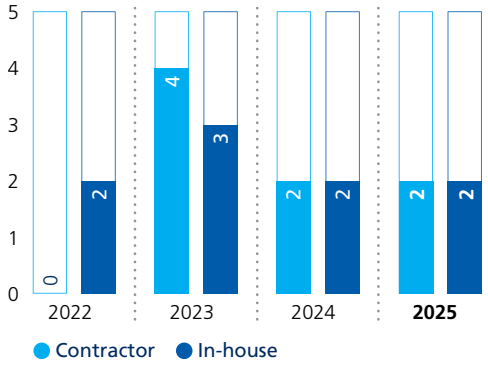
Responsible Care® promotes continuous improvement, transparency, and collaboration across the chemical value chain, aiming for zero incidents and a sustainable, responsible industry. Tools to promote positive health and safety activities include behaviour-based safety programmes for drivers and contractors, community awareness and emergency response plans, and external complaints monitoring. Other measures implemented by CAIA to promote health and safety and minimise incidents include process safety webinars and training, and Responsible Care® training.

By championing SAFETY SMART, CAIA is reinforcing its commitment to a safer, more responsible chemical industry.

Fatalities

Responsible Care® aims for zero fatalities.

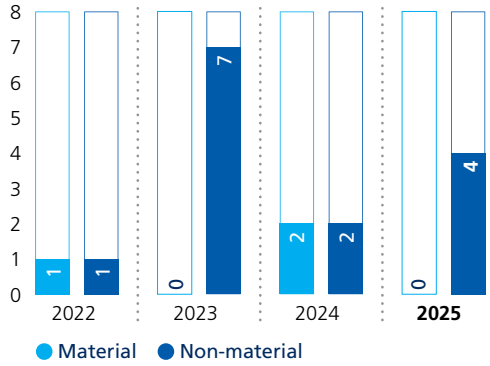
Number of fatalities



Once again, **four fatalities** were reported.

Two contractor and two in-house fatalities occurred that were not related to material handling.

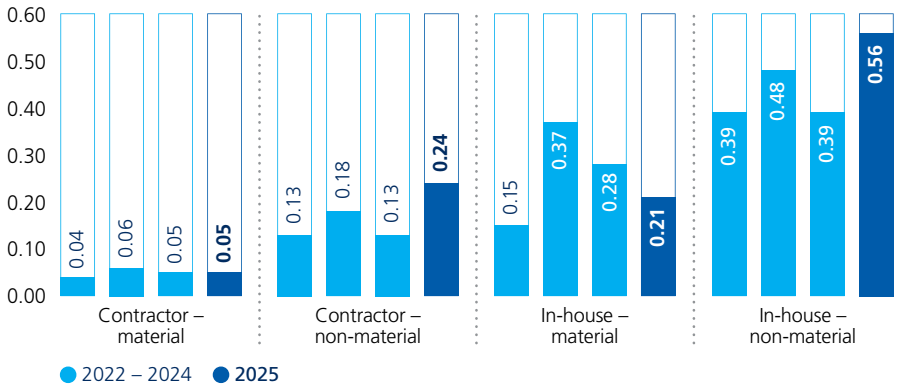
Number of fatalities



Recordable Injuries

Responsible Care® tracks recordable injuries that are documented by a company in compliance with occupational health and safety legislation.

Recordable injury incident rates
(per 200 000 hours worked)



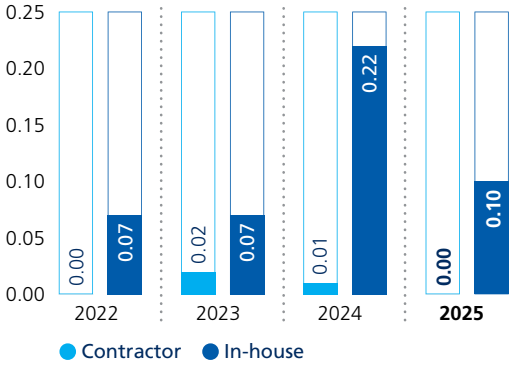
Non-material related incident rates increased by 87% for contractors and **44%** in-house.

In-house material related incident rates continued a downward trend and decreased by 25%

Safety and Health Performance continued

Occupational Diseases

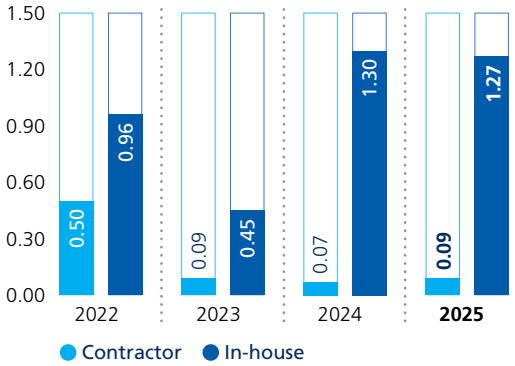
Occupational disease rate
(per 200 000 hours worked)



In-house occupational disease rate decreased by 53%

Handling and Storage

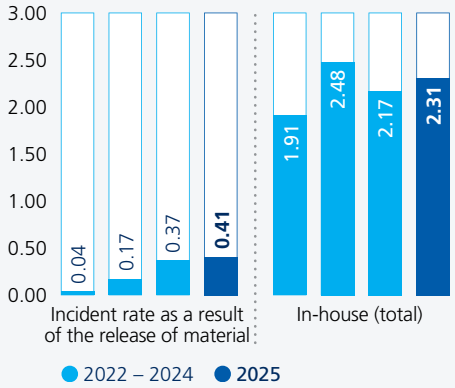
Handling and storage incident rate
(per 200 000 hours worked)



Incident rates show **no significant difference**.

In-house Road Transportation

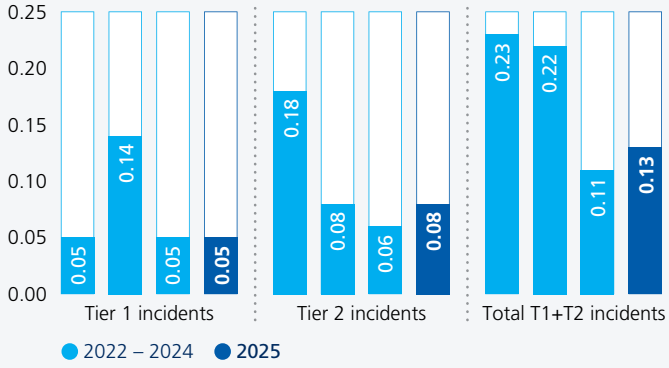
In-house road transportation incident rates
(per 1 000 000 kilometres travelled)





Process Safety

Process safety incident rate
(per 200 000 hours worked)



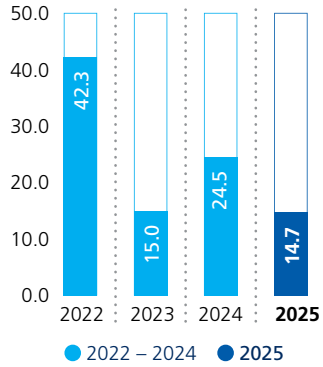
Tier 2 incident rate increased from **0.06** to **0.08**

Despite this increase, the total **Tier 1 and Tier 2 incident rate remains lower** than values reported in 2023.

Safety and Health Performance continued

Process Safety Near Misses

% of signatories reporting at least one near miss (%)



Although the number of signatories that reported at least one near miss has reduced, the average number of near misses has increased to

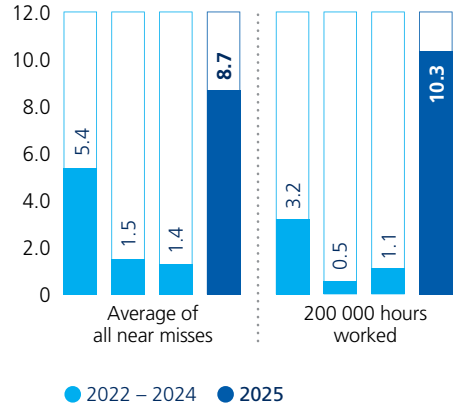
8.7

CAIA has increased awareness around process safety near misses and provided greater clarity and understanding of the definition.



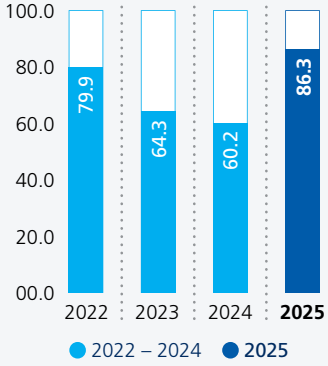
Process safety near misses (in-house)

(per 200 000 hours worked)



Behaviour-based Safety

Behaviour-based safety programme (%)



Following the preceding two years of decreasing trend of implementation of behaviour-based safety programmes for drivers and contractors, a

26%

increase was reported in 2025.

CHEMICALS IN EVERYDAY LIFE

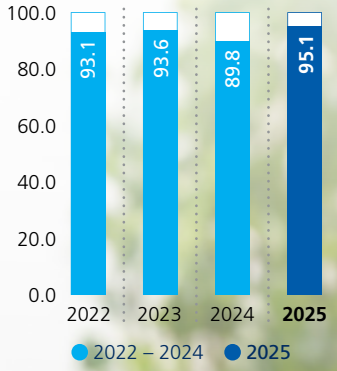
Health and medicine

Chemical products heal. Pharmaceuticals, vaccines and medical devices protect lives every day. Even hospital gloves and masks begin in a lab.

Safety and Health Performance continued

Responsible Care® Training

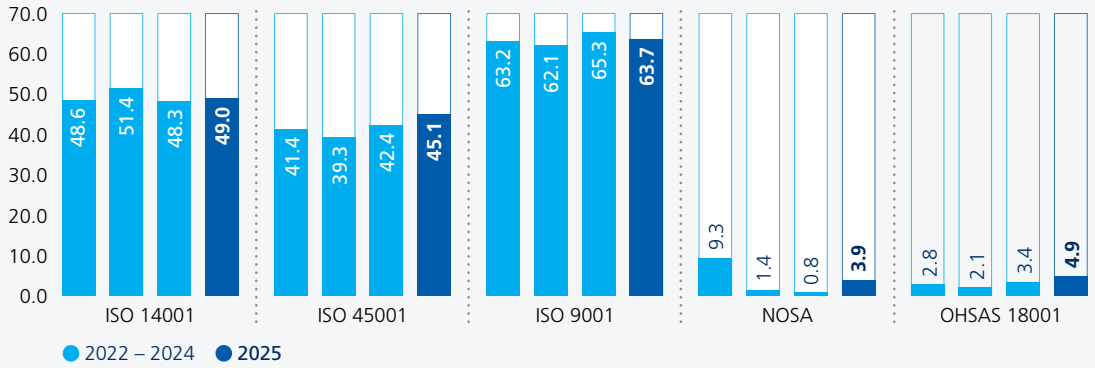
Responsible Care® training (%)





Management Systems

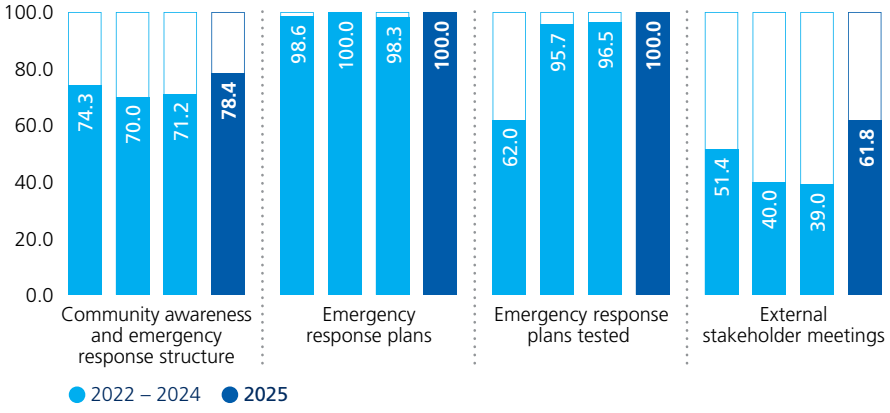
Management systems (%)



ISO 14001, ISO 45001 and ISO 9001 continue to be the predominant management systems implemented by signatories.

Community Awareness and Emergency Response

Community awareness and emergency response indicators (%)

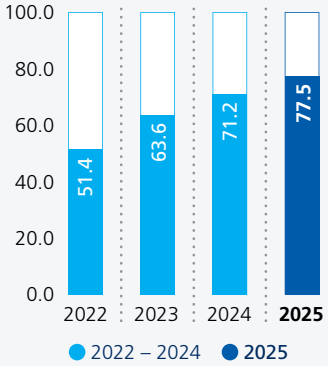


An increasing trend was reported for all indicators.

Of note, is the **100%** compliance of **signatories for development and testing of emergency response plans.**

Desktop Simulation Exercises

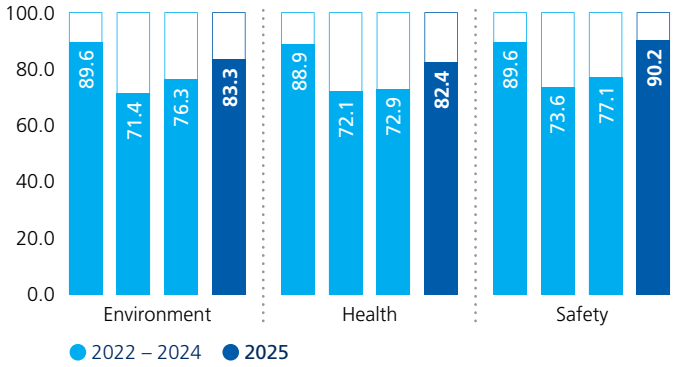
Percentage of signatories undertaking desktop simulation exercises (%)



An upward trend is observed in the percentage of signatories implementing desktop simulation exercises to test and evaluate their response protocols.

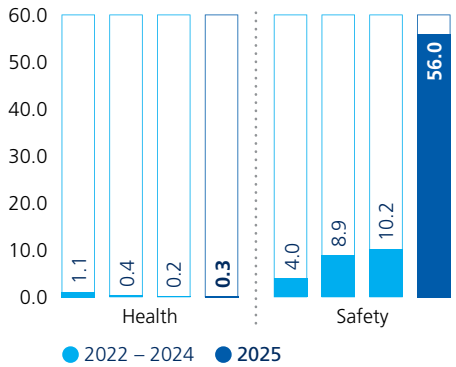
External Stakeholder Complaints

External complaints procedure (%)

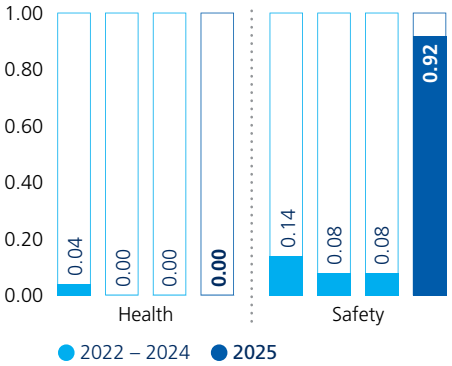


The number of signatories with external complaints procedures in place continues to increase.

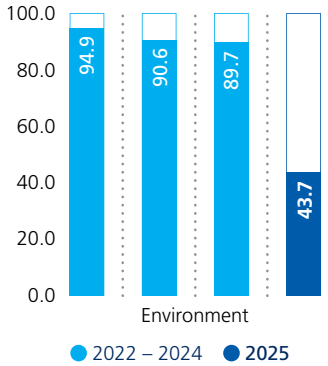
External stakeholder complaints (%)



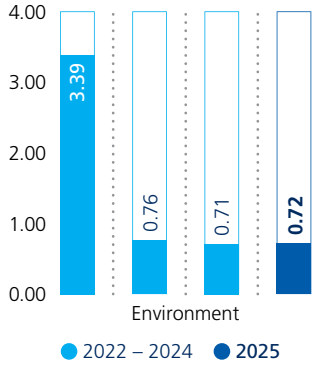
External complaints (per 200 000 hours worked)



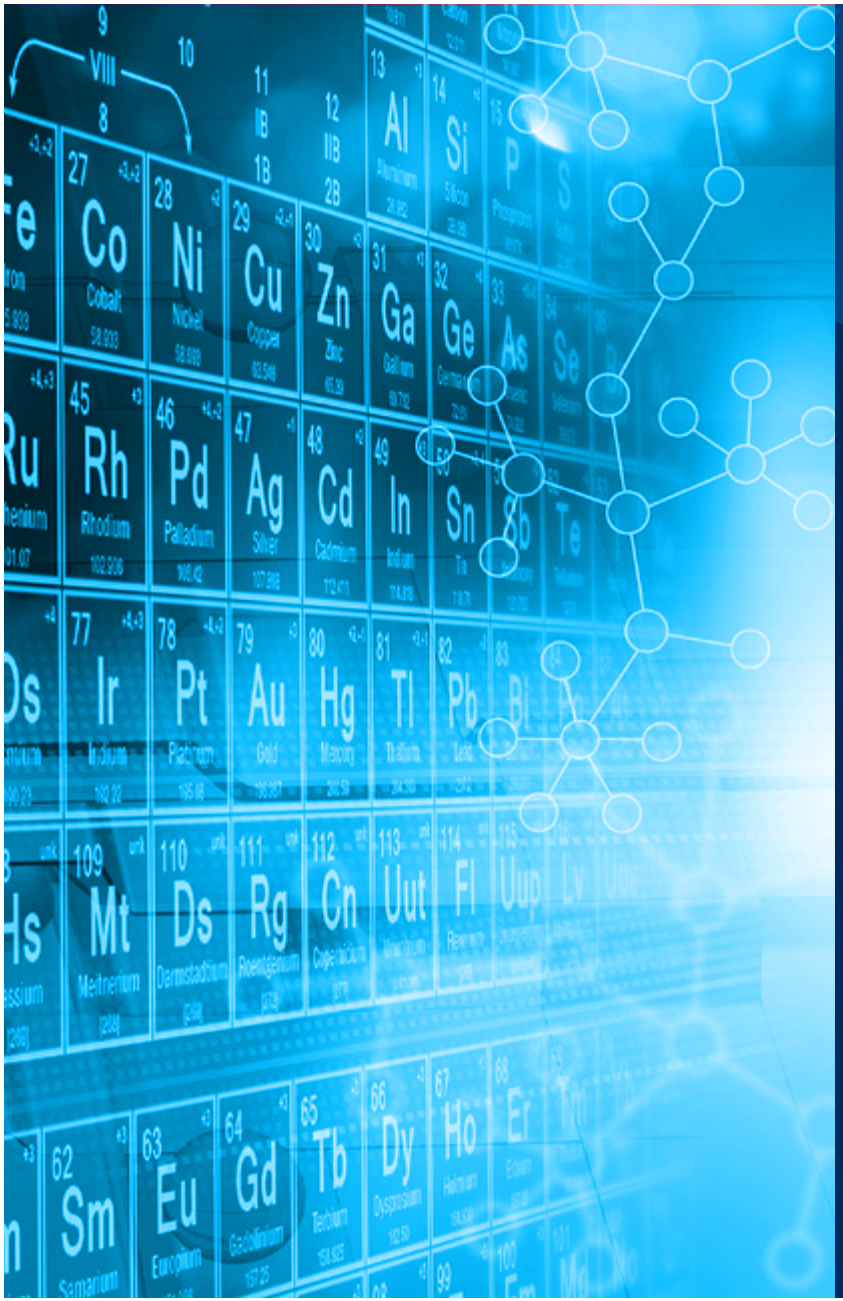
External stakeholder complaints (%)



External complaints (per 200 000 hours worked)



External complaints related to safety increased by **46%** with the number of complaints increasing to **0.92.**



SAFETY SMART
Be Smart. Prevent Injuries. Save Lives.

Chemical Safety and Security

CAIA continues to promote the **"SAFETY SMART"** initiative that also promotes safety and security of chemicals. In response to questions related to chemical safety and security, of the 96 signatories that responded to the questions:

Number of respondents that have formal procedures in place should an incident or theft occur

95

Number of respondents that have implemented mechanisms to prevent theft of chemicals, products or key infrastructure within the company

96

Number of respondents that regularly communicate the procedures:

In-house
30

In-house and contractors
66

Number of respondents that extend the mechanisms implemented along the product value chain

79

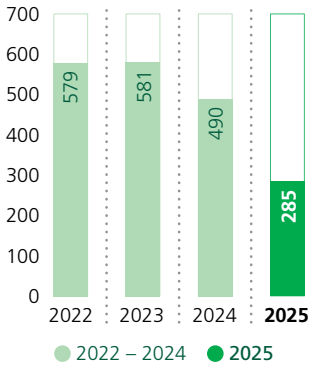
Sustainability Indicators

Environmental Indicators

Tracking environmental performance is essential because it ensures legal compliance, reduces operational costs, and manages business risks. Legislation mandates the monitoring of waste, wastewater, greenhouse gas emissions and air quality emissions to ensure compliance with licensing requirements. Through benchmarking of indicators based on one tonne of product, signatories are able to identify where potential improvements can be implemented to enhance the environmental sustainability of the organisation. This is becoming more important with increasing stringency of legislation.

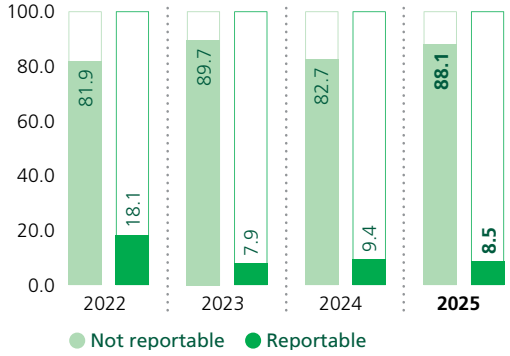
Environmental Incidents

Total number of environmental incidents



A continuing downward trend in the number of **environmental incidents** was observed, with a **42%** decrease.

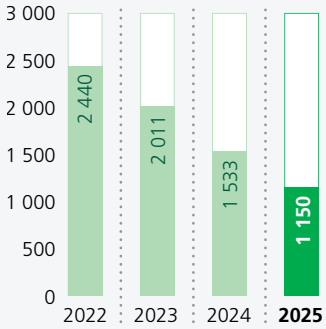
Environmental incidents (%)



Legally reportable incidents were **8.5%** of the total number recorded.

Greenhouse Gas Emissions

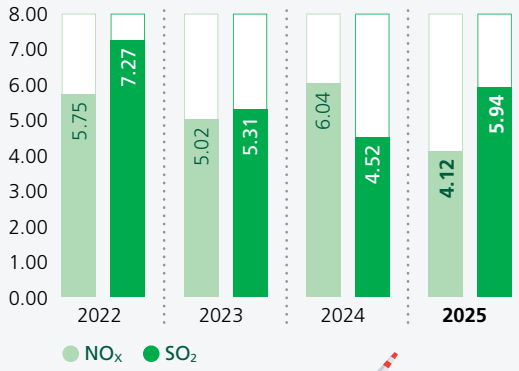
Greenhouse gas emissions
($kgCO_2e$ per tonne)



Emissions of greenhouse gases **continue a downward trend with a 25%** decrease reported.

Licensed Emissions

Licensed emissions
(kg per tonne)



A reversal of the trend of **decreasing sulphur dioxide emissions** was reported, with emissions increasing by **31%**

Nitrogen oxides emissions show a reduction of **32%**



CHEMICALS IN EVERYDAY LIFE

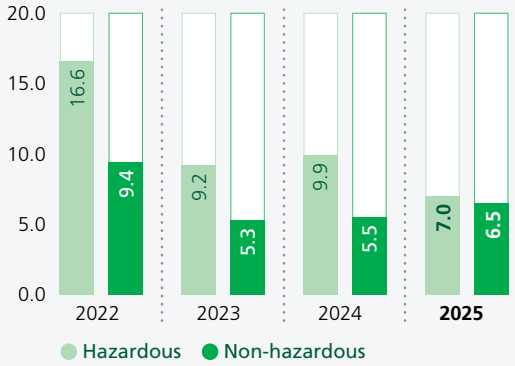
Energy and electricity

Powering homes and cities. Chemicals are essential for powerlines, batteries and solar panels. Driving the energy transition to a cleaner future.

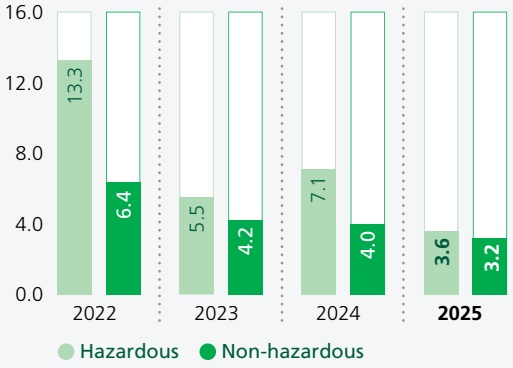
Sustainability Indicators continued

Solid Waste

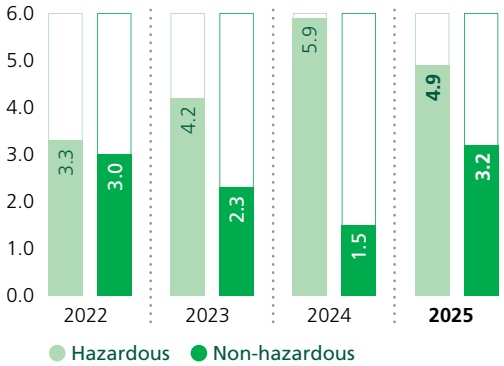
Solid waste generated (kg per tonne)



Solid waste disposed (kg per tonne)



Solid waste recycled/recovered/reused/ transferred – hierarchy (kg per tonne)

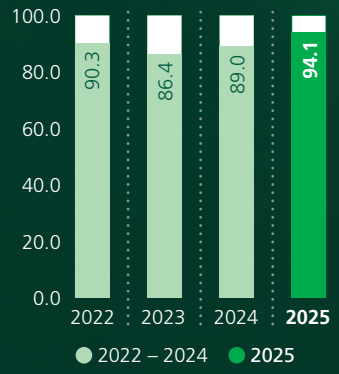


For each tonne of product, the amount of **hazardous waste** generated decreased by **29%** and the amount **disposed** decreased by **49%**

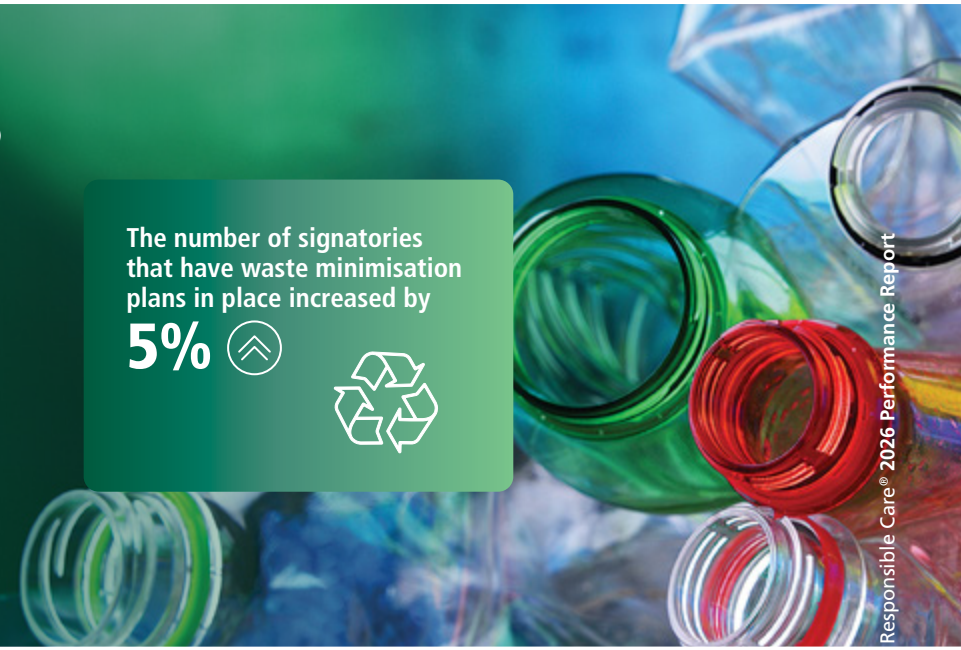
The amount of hazardous waste **that moved up the waste hierarchy** decreased by **17%**

Although the amount of non-hazardous waste generated per tonne of product increased by 17%, the amount disposed of decreased by 21% and 116% more waste moved up the waste hierarchy.

Waste minimisation plans (%)



The number of signatories that have waste minimisation plans in place increased by **5%**



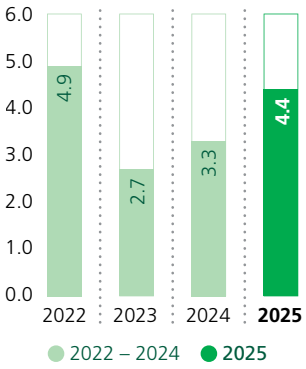
Sustainability Indicators continued

Resource Efficiency

Resource efficiency is a key factor in sustainable development and business sustainability. Tracking resource efficiency is important because it directly cuts operational costs, minimises environmental impact, and maximises productivity by ensuring valuable inputs are not wasted. Common resource-efficient practices include recycling, reusing materials, reducing waste and reducing energy consumption to produce a more resilient economy.

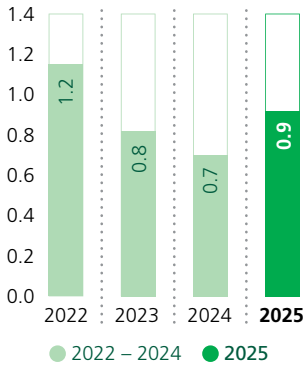
Water Consumption

Water consumption efficiency
(kL per tonne)



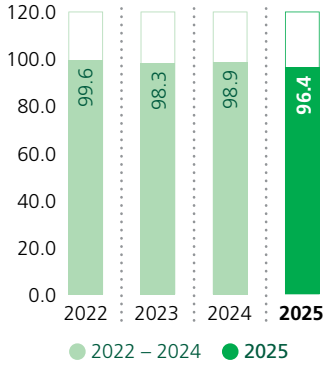
Effluent Discharge

Effluent discharge efficiency
(kL per tonne)



Effluent Recycling

Effluent recycled efficiency
(kL per tonne)



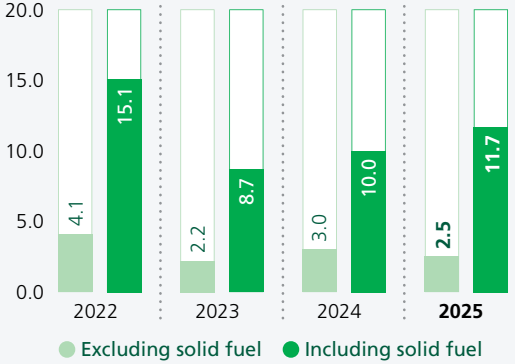
Effluent recycled has decreased.

Water consumption and effluent generation per tonne of product has increased by about 30%



Energy Consumption

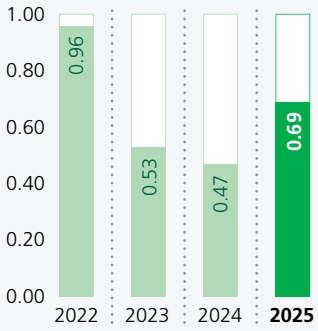
Energy consumption efficiency (GJ per tonne)



For the third year, **energy consumption** (including solid fuel) **per tonne of product has increased.**

Energy consumption increased by **17%** and **electricity** by **45%**

Electricity consumption efficiency
(GJ per tonne)

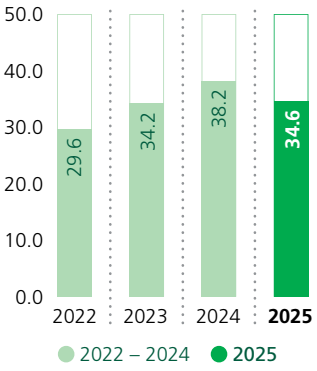




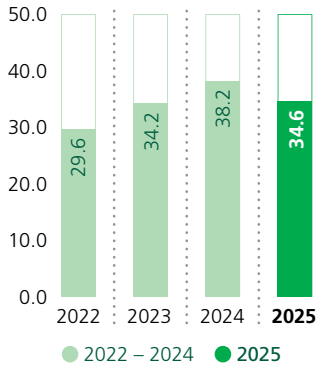
Sustainability Indicators continued

Gas Consumption

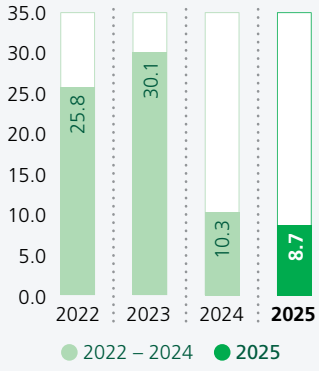
Total gas consumption
(GJ x 10^6)



Natural gas consumption
(GJ x 10^6)



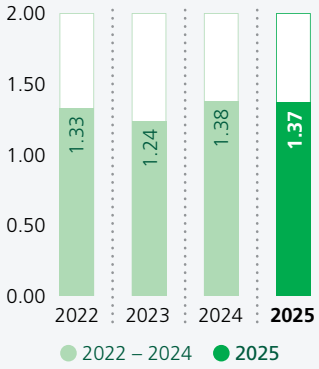
Liquid petroleum gas consumption
(GJ x 10^3)



Gas consumption remains at about
1.4 GJ
per tonne of product.



Gas (liquid petroleum gas and natural gas) consumption
(GJ per tonne)



CHEMICALS IN EVERYDAY LIFE

Agriculture

Chemistry feeds the world. Fertilisers enrich soil and help crops grow. Supporting farmers. Strengthening food security.

Biodiversity

Global and national pressure continues to be applied to business to ensure that biodiversity is mainstreamed into operations. Biodiversity is important for business by providing essential resources and ecosystem services with significant risks including disrupted supply chains, increased regulatory costs, and potential loss of access to capital and societal support as a consequence should this be neglected.

The DFFE has published the updated NBSAP 2026–2035 that sets out the country's vision, priorities, targets and actions for conserving and sustainably using biodiversity. One action specifically applicable to business is Target 15 that is addressed in the NBSAP under the DFFE action to "partner with large and transnational companies to regularly monitor, assess and disclose risks dependencies and impacts on biodiversity in accordance with existing legal, administrative and/or policy frameworks". A large company is defined by the South African Revenue Service (SARS) as: Groups or companies with turnover exceeding R1 billion; Groups or companies listed on a stock exchange; Multinational enterprises (including ecommerce or foreign electronic service providers); Mining groups or companies with turnover exceeding R500 million.

Signatories that have assessed biodiversity:

Impacts
44

Dependencies
40

Risks
43

Signatories that monitor impacts
71

Signatories that have implemented mitigation measures implemented to reduce impacts
70

Signatories that consolidate and report sustainability related information
62

Signatories that publish an annual report that includes information around sustainability
59

Impact and Engagement

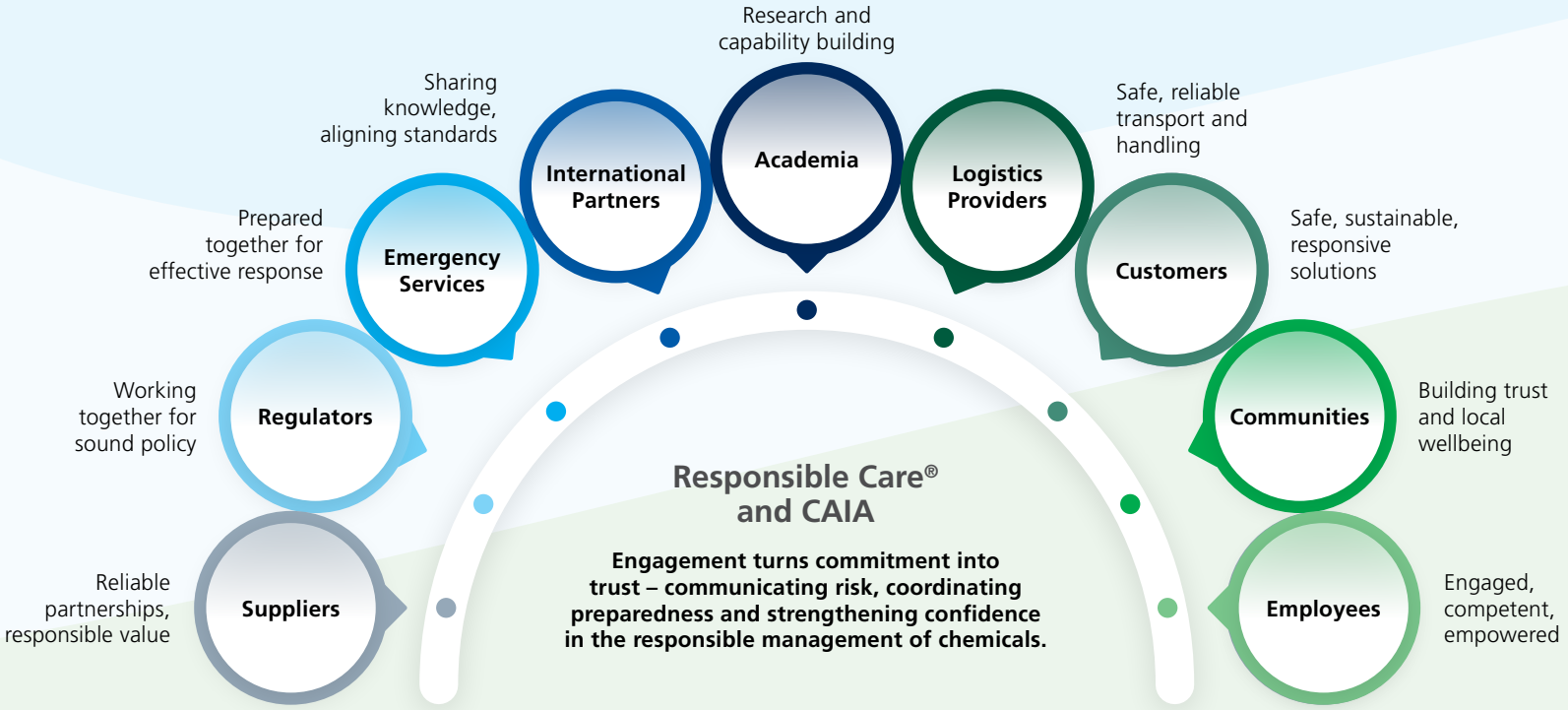
Engagement as a Responsible Care® Enabler

Responsible Care® creates value beyond the boundaries of individual operations. Transparent, constructive and sustained engagement – with employees, customers, suppliers, communities, regulators, emergency responders, logistics service providers and other value-chain partners – enables organisations to understand stakeholder concerns, communicate chemical risks, coordinate emergency preparedness and strengthen trust in the responsible management of chemicals.

A Connected Responsible Care® Ecosystem

How CAIA Engages with Industry and Society

Collaborate — Communicate — Co-operate



Safety
Protecting people

Environment
Protecting natural resources

Security
Safeguarding operations

Sustainability
Creating long-term value

A connected ecosystem, working together for safe chemicals use and management.

Building Capability Through Training and Knowledge Sharing

From September 2025 to September 2026, CAIA hosted 20 recorded training sessions, webinars and workshops with 971 combined attendances. Focus areas of these events included Responsible Care® awareness, strengthening auditor competence, audit-management systems, GHS, dangerous goods transport, road traffic regulations, sustainability, waste legislation, KPI reporting, performance-based standards and MHI compliance. Participation was strongest for sessions with immediate operational and regulatory relevance – notably the Handling, Storage and Transport of Dangerous Goods webinar (174 attendees), the MHI Compliance webinar (122 attendees) and the Hazardous Substances Declaration Notices (213 attendees) – reflecting demand for practical, implementation-focused learning that connects regulatory obligations to day-to-day decisions.

CAIA capability-building events recorded from 1 September 2025 to 30 September 2026

20 Sessions delivered

971 Attendances

Date	Training webinar workshop	Attendance
9 Sep 2025	Responsible Care® Awareness Training Course	14
17 Sep 2025	SQAS-AFRICA Lead Auditor Training, Day 1	5
18 Sep 2025	SQAS-AFRICA Lead Auditor Training, Day 2	5
19 Sep 2025	ISO 19011 Awareness Training Course	119
9 Oct 2025	Sustainability and Circular Economy Webinar	36
29 Oct 2025	Handling, Storage and Transport of Dangerous Goods Webinar	174
10 Nov 2025	Basic GHS Training, Day 1	14
11 Nov 2025	Basic GHS Training, Day 2	14
17 Nov 2025	Understanding AARTO Webinar	87
5 Feb 2026	ViaSyst Audit Management System Training	15
19 Feb 2026	Performance-Based Standards Webinar	16
10 Mar 2026	Advanced GHS Training, Day 1	4
11 Mar 2026	KPI Reporting Season 2026 Workshop	45
17 Mar 2026	Advanced GHS Training, Day 2	4
24 Mar 2026	Advanced GHS Training, Day 3	4
31 Mar 2026	Advanced GHS Training, Day 4	4
14 Apr 2026	Advanced GHS Training, Day 5	4
14 May 2026	Overview of the National Environmental Management: Waste Act Webinar	72
29 Jul 2026	Addressing MHI Compliance Gaps	122
1 Sep 2026	Hazardous Substances Declaration Notices Webinar	213

From Compliance Gaps to Practical Implementation

The MHI Compliance webinar, hosted on 29 July 2026, was a particular highlight, providing practical guidance on MHI regulatory expectations, South African National Standard (SANS) 1461-aligned Quantitative Risk Assessments and recurring process-safety compliance gaps identified through recent regulatory workshops and inspections. It strengthened shared understanding among MHI duty holders, regulators and Approved Inspection Authorities, and demonstrated the value of convening technical and regulatory expertise around common implementation challenges.

Members have highlighted the need for continued vigilance in managing major hazards, strengthening process safety information, maintaining asset integrity and ensuring effective Management of Change to prevent low-frequency, high-consequence incidents.

Shared Learning Through CAIA Forums

CAIA's Responsible Care® platforms provide the primary mechanism through which members, auditors and industry specialists collaborate to share knowledge, address emerging risks, strengthen management systems and promote continuous improvement across the chemical value chain. During the reporting period, these platforms supported industry alignment on regulatory developments, assurance practices, process safety, chemical logistics and environmental stewardship, while providing a forum for the exchange of practical experiences and lessons learned.

Collaborating for Safer Operations. Stronger Systems. Responsible Chemistry.

CAIA's Responsible Care® platforms bring members, auditors and technical experts together to share knowledge, address emerging risks, strengthen management systems and drive continuous improvement across the chemical value chain.

CAIA'S RESPONSIBLE CARE® PLATFORMS

Responsible Care® Standing Committee
Strategic oversight and direction for Responsible Care® implementation and continuous improvement.

Process Safety Forum
Focus on major hazard and process safety management, sharing learnings to prevent incidents and improve critical controls.

Safety, Health and Environment (SHE) Forum
Exchange of good practices and emerging regulatory developments to enhance SHE performance.

Chemical Logistics Management Forum
Industry collaboration on transport safety, security, compliance and logistics risk management.

RCMS Auditor Forum
Strengthening RCMS assurance consistency and contributing to the development of requirements and audit protocols.

SQAS-AFRICA Auditor Forum
Strengthening SQAS-AFRICA assurance consistency, risk-based assessments and auditor alignment across the continent.

PLATFORM COLLABORATION DRIVES INDUSTRY OUTCOMES

Shared Learnings
Incident learnings, best practices and practical experiences strengthen industry capability.

Regulatory Awareness
Timely engagement on emerging regulations, standards and policy developments.

Framework Improvement
Member and auditor input drives ongoing enhancement of the RCMS and SQAS-AFRICA frameworks.

Assurance Consistency
Aligned audit approaches and tools promote credible, risk-based assurance.

Industry Collaboration
Work groups and technical initiatives address shared challenges and deliver practical solutions.

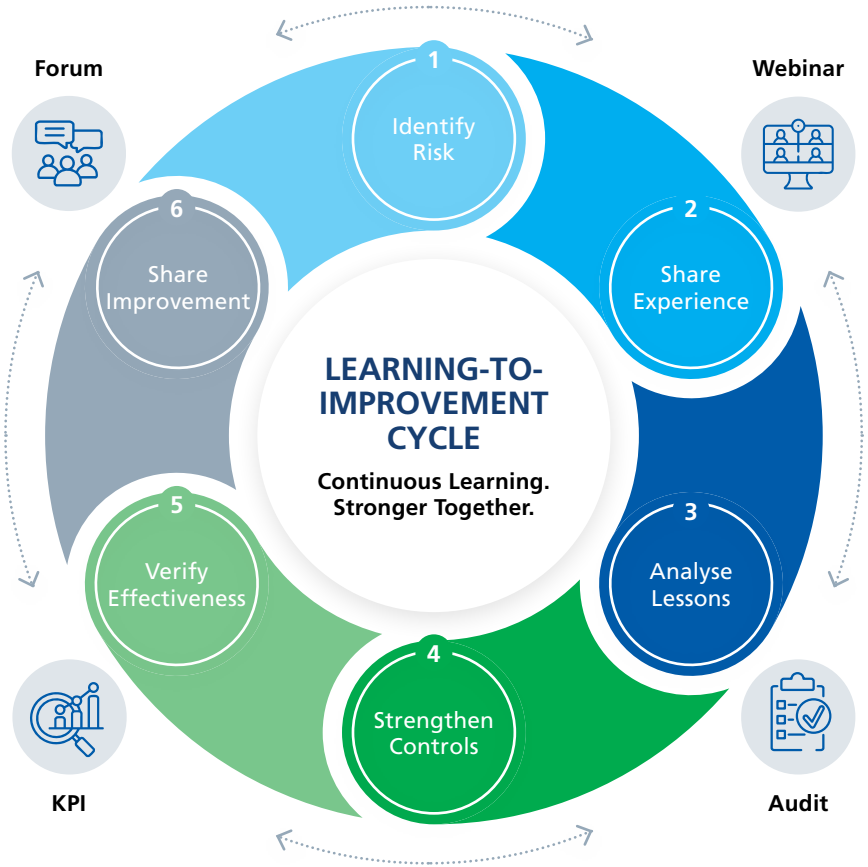
TOGETHER, WE ADVANCE RESPONSIBLE CARE®
Through collaboration, knowledge sharing and collective problem solving, CAIA members strengthen industry performance and advance the responsible management of chemicals across South Africa.

Protect People | Protect the Environment | Strengthen Performance | Build Trust | Drive Continuous Improvement

Shared Learning Through CAIA Forums continued

Discussions across the Responsible Care® Standing Committee and Process Safety Forum addressed behaviour-based safety, personal protective equipment (PPE) compliance, contractor management, Management of Change, incident learning, weak operational signals, static-electricity hazards, machinery risk assessment, emergency preparedness and process-safety competence. A standardised incident-learning approach was endorsed to support consistent sharing while protecting sensitive information, and members were encouraged to contribute systems, lessons and improvement practices for benchmarking.

Increasing participation at these forums remains a priority: strong technical capability exists across the membership, but this experience is not always fully shared. Proposed improvements include more structured best-practice sharing, greater use of in-person engagement, recognition through professional-development mechanisms and stronger organisational accountability for participation.



Member Engagement Outlook

The reporting period shows that engagement is most valuable when it links information to implementation. CAIA will continue using training, technical forums, regulatory dialogue, assurance findings and international collaboration to strengthen capability and support responsible chemical management. Future reporting should increasingly combine participation data with evidence of application – such as changes to procedures, improved preparedness, corrective actions completed or practices adopted following an engagement.

International Collaboration and Global Alignment

CAIA continues to participate in the ICCA Responsible Care® Leadership Group, contributing the South African perspectives to discussions on KPI reporting, the Responsible Care® Self-Assessment Tool, sustainability and transparency, capacity building, precursor-chemical controls and the future evolution of Responsible Care®. International engagements also provide access to global lessons, communications resources and opportunities for collaboration across national associations.

The global Responsible Care® Impact Report, international KPI analysis and the ongoing review of Responsible Care® provide important opportunities to present credible South African experience while maintaining alignment with the wider programme. CAIA also continues to support regional capacity-building discussions, including GHS-related initiatives in the SADC region and global programmes intended to strengthen chemical-safety capability.

ICCA Association Round Table (ART) Meeting

CAIA hosted the ICCA Association Round Table (ART) meeting in Cape Town from 25 to 27 February 2026. The meeting brought together chief executives of chemical associations from around the world. Discussions included the integration of the WPC into the ICCA structure and the future membership of plastics associations. The 30x30 initiative which aims to support 30 developing countries by 2030 to implement effective chemicals management was high on the agenda. ICCA leadership groups covering Chemicals Policy and Health, Responsible Care®, Plastics, Energy and Climate, Global Regulatory Cooperation, and Trade also presented updates on their activities. Delegates attended a social evening at The Alexander Wine Estate, where a traditional fish and meat braai paired with South African wines was enjoyed.

Advocacy

Members have access to the weekly Advocacy Alert and associated documents to keep updated on key regulatory developments that may impact on their operation. Weekly Advocacy Committee meetings are also held where the new developments are discussed and input provided by members. Technical Working Group meetings have been held where more in depth discussion takes place to develop a CAIA position for formal submissions to Government.

The following regulatory roadmap highlights important legislative developments that have taken place from 1 September 2025 to 30 September 2026.

10 December 2025

National Environmental Management: Waste Act 59 of 2008.

Notice calls upon specific persons and facilities conducting certain waste activities to apply for a **waste management licence.**

Government Notice 6938 published in Government Gazette 53831.

16 February 2026

Notice of exemptions available for application on three industrial chemicals, namely: Long-Chain perfluorocarboxylic acids, medium-chain chlorinated paraffins and UV-328 under Annex A of the Stockholm Convention12th Stockholm Convention's Conference of the Parties.

Government Notice 7136 in Government Gazette 54153.

20 March 2026

National Environmental Management: Air Quality Act 39 of 2004.

The amendment and expansion of the **Vaal Triangle Air-Shed** Priority Area.

Government Notice 7251 in Government Gazette 54335.

25 March 2026

National Environmental Management Act 107 of 1998.

Declaration of powers and duties under section 42 of the Act.

Government Notice 7293 in Government Gazette 54407.

31 March 2026

National Environmental Management: Air Quality Act, Act 39 of 2004.

National Dust Control Regulations, 2026.

Government Notice 7335 in Government Gazette 54440.

1 April 2026

Taxation Laws Amendment Act, Act 5 of 2026.

Government Notice 7344 in Government Gazette 54448.

14 May 2026

South African National **Water Resources Infrastructure Agency** SOC Limited Amendment Act, Act 6 of 2026.

Government Notice 7482 in Government Gazette 54681.

CHEMICALS IN EVERYDAY LIFE

Plastics

Lightweight, Versatile, Recyclable. Plastics play a part in packaging, electronics and sustainable design. Smarter chemicals mean smarter materials.

Member Recognition

Signing Ceremonies

Leadership commitment remains the foundation of Responsible Care®. During the reporting period, 12 organisations operating across the chemical, logistics, storage and waste-management sectors formalised or renewed their commitment to Responsible Care® through Declaration signings and the appointment of RCMRs. These milestones demonstrate continued industry commitment to responsible chemical management, independent assurance, continuous improvement and sustainable business practices. The following companies signed the Declaration.

Wardens Cartage CC

Signed: 13 October 2025



Interwaste (Pty) Ltd

Signed: 27 October 2025



Stallion Transport (Pty) Ltd

Signed: 3 November 2025



Signing Ceremonies continued

Island View Storage (Pty) Ltd t/a Bidvest Tank Terminals

Signed: 18 November 2025



Darchem (Pty) Ltd

Signed: 23 February 2026



Impala Platinum Ltd – Refineries

Signed: 20 March 2026



CHEMICALS IN EVERYDAY LIFE

Printing and advertising

Colour, clarity, creativity. Inks and pigments give life to print, packaging and outdoor media.

Signing Ceremonies continued

Anmesh Investments CC

Signed: 20 May 2026



Dawns Trucking (Pty) Ltd

Signed: 9 June 2026



Terraluna Logistics (Pty) Ltd

Signed: 1 July 2026



Signing Ceremonies continued

Unitrans Supply Chain Solutions (Pty) Ltd

Signed: 6 July 2026



Westmead Local and Cross Border (Pty) Ltd

Signed: 16 July 2026



Responsible Care® Declaration

Westmead Local & Crossborder (Pty) Ltd

Through the Responsible Care® Initiative we declare our commitment to sustainability through continual improvement of our performance. Accordingly, we believe and subscribe to the following Guiding Principles:

- To lead our company in ethical ways that minimise adverse safety, health, security and environmental impacts on our employees, contractors and other stakeholders.
- To strive towards zero accidents, injuries or harm to human health and the environment from our products, services and operations.
- To promote pollution prevention, minimisation of waste and conservation of energy and other critical resources at every stage of the life cycle of our products, services and operations.
- To collaborate in the development and implementation of effective legislation and standards.
- To support education and research on the safety, health and environmental effects of our products, services and operations.
- To communicate product, service and operational risks to our stakeholders and take their concerns into consideration.
- To transparently report our performance by completing the annual Key Performance Indicators submission timeously.
- To verify the implementation of Responsible Care® by undertaking the Responsible Care® Management System Audit, using CAIA-approved independent auditors.

Signed at Durban on this 16TH day of July 2026

Signature

Vishal Harpersad - CEO

Zimbulk Tankers (Pty) Ltd

Signed: 5 August 2026



Responsible Care® Declaration

Zimbulk Tankers (Pty) Ltd

Through the Responsible Care® Initiative we declare our commitment to sustainability through continual improvement of our performance. Accordingly, we believe and subscribe to the following Guiding Principles:

- To lead our company in ethical ways that minimise adverse safety, health, security and environmental impacts on our employees, contractors and other stakeholders.
- To strive towards zero accidents, injuries or harm to human health and the environment from our products, services and operations.
- To promote pollution prevention, minimisation of waste and conservation of energy and other critical resources at every stage of the life cycle of our products, services and operations.
- To collaborate in the development and implementation of effective legislation and standards.
- To support education and research on the safety, health and environmental effects of our products, services and operations.
- To communicate product, service and operational risks to our stakeholders and take their concerns into consideration.
- To transparently report our performance by completing the annual Key Performance Indicators submission timeously.
- To verify the implementation of Responsible Care® by undertaking the Responsible Care® Management System Audit, using CAIA-approved independent auditors.

Signed at Boksburg on this 5TH day of August 2026

Signature

Mark Thomas - Managing Director

CHEMICALS IN EVERYDAY LIFE

Mining and processing

Mining begins with chemistry. Explosives, extraction and refining – transforming minerals into materials. From jewellery to cell phones and car parts – chemicals connect it all.

Member Projects

Member projects show how Responsible Care® commitments are translated into practical action and contribute to the Sustainable Development Goals (SDGs). The initiatives address defined safety, environmental, resource-efficiency, workforce and community needs and illustrate the contribution of innovation, investment and partnership.

Archwood – t/a Arxada

SAF 2205 Arsenic Acid Reactor

Investment
R3 000 000

Benefits
Improved productivity and competitive pricing

Sector/Group Benefited
Employees



A new arsenic acid reactor was commissioned in place of the old 316 L stainless steel reactor. The design was significantly improved for efficient technology processing and operation. The new reactor utilises a more robust material selection, duplex stainless steel in place of austenitic stainless steel. The benefits realised from this project include:

- Improved productivity;
- More cost-effective raw materials;
- Improved mechanical reliability; and
- Increased tank life-span (20 years).

BASF Agricultural Specialities (Pty) Ltd

2025 Mandela Day Project – Horizon Farm Trust

Investment
R20 353

Benefits
Food security and supply of blankets

Sector/Group Benefited
Intellectually impaired adults

The initiative was undertaken as part of honouring and observing Mandela Day in 2025. Collectively, all members of the facility cleared, cultivated and replanted a community garden at the Horizon Farm Trust, a home for intellectually impaired adults. The highlight of the initiative in the long-term was transforming the garden into a sustainable food source for the local community which ultimately promoted access to nutritious food, and contributes to healthier lifestyles and improved well-being for the residents of the home.

Supporting food security through garden revamping was one of the ways to honour Madiba's legacy while empowering local communities to thrive by aiding ongoing food production while helping reduce food costs and improve food security. Residents also received protection from the cold winter temperatures through blanket donations. This improved comfort for the intellectually impaired adults living in the home.



Member Projects continued

Bayer (Pty) Limited

Asset Integrity and Process Safety Improvement

Investment
R12 374 578

Benefits
Process Safety Improvements

Sector/Group Benefited
Employees, contractors and site operations

A Process Safety and Asset Integrity Enhancement Programme was implemented to strengthen process safety, improve equipment reliability and reduce operational risks through targeted engineering improvements. The programme included the installation of critical process monitoring sensors, replacement of ageing storage and process vessels, upgrade of combustion equipment, and installation of new mixing vessels and agitators. These improvements enhanced process control, equipment integrity and operational safety while reducing the risks associated with ageing infrastructure.

In the short-term, the programme improved real-time monitoring of critical operating conditions, enhanced combustion safety, increased equipment reliability and reduced maintenance requirements. The replacement of ageing vessels and installation of modern mixing systems improved product consistency, process efficiency and operational performance while reducing the potential for equipment failures and unplanned downtime.

In the long-term, the initiative will strengthen process safety barriers, improve asset integrity, extend equipment life and support sustainable manufacturing operations.







Bayer Nigel ComSoc Community Outreach Programme

Investment
R21 053

Benefits
Improved wellbeing, food and social support

Sector/Group Benefited
Vulnerable community members, children in temporary care facilities, and elderly persons





The Bayer Nigel ComSoc Community Care and Support Programme is an employee-led community outreach initiative that supports vulnerable communities surrounding the Bayer Nigel site through targeted social investment and stakeholder partnerships. The programme focuses on alleviating food insecurity, supporting basic welfare needs and improving the wellbeing of disadvantaged community members.

During 2025, Bayer Nigel ComSoc partnered with Pholosong Hospital in Tsakane to donate two pallets of maize meal that were distributed by hospital social workers to vulnerable families, including households experiencing hardship and individuals living with chronic illness. The programme also supported the Chance Children's Home in Dunnotar through the donation of garden tools, a bush cutter and food supplies to assist volunteers in maintaining the facility and preparing it for future child placements. In addition, fleece blankets were donated to elderly beneficiaries at the Tshwaranang Elderly Day Care Centre in Duduza to provide warmth and comfort during the winter season.

The initiative delivered immediate benefits through improved access to food, welfare support and essential resources, while its long-term impact includes strengthened community partnerships, increased employee volunteerism, and enhanced community resilience.

Member Projects continued

Bayer (Pty) Limited

Renewable Energy

Investment
R13 906 067

Benefits
Reduced energy consumption, lower greenhouse gas emissions and improved sustainability

Sector/Group Benefited
Employees and site operations





The Renewable Energy and Energy Efficiency Programme was implemented to reduce the site's carbon footprint, improve energy efficiency and support Bayer's sustainability objectives. The programme combined the installation of an onsite solar photovoltaic (PV) system with the replacement of conventional lighting across the facility with energy-efficient light-emitting diode (LED) lighting and motion sensor controls. The solar PV system supplies approximately 30% of the site's electricity demand through renewable energy generation, reducing dependence on conventional grid electricity. The LED lighting upgrade significantly improved energy efficiency, reducing lighting-related energy consumption by approximately 77%.

In the short-term, the initiative reduced electricity consumption, lowered operating costs and improved energy performance across the facility. The LED lighting upgrade also reduced maintenance requirements due to the extended lifespan of LED technology compared to traditional lighting systems. In the long-term, the programme contributes to reduced greenhouse gas emissions, lower carbon intensity, enhanced energy security and progress towards Bayer's sustainability goals.

Environmental Protection Initiative

Investment
R675 147

Benefits
Enhanced spill containment and environmental protection

Sector/Group Benefited
Employees, contractors, and the environment





The project was implemented to strengthen environmental protection and improve the safe storage and handling of hazardous chemicals. The project included the refurbishing of chemical bunding, and provision of intermediate bulk container spill decks, and enhanced spill containment measures to prevent accidental releases from reaching soil, stormwater systems, and water resources.

The initiative delivered benefits by reducing environmental risks, minimising employee exposure to hazardous substances, and strengthening spill response preparedness. In the long-term, the project will help prevent pollution incidents, reduce potential cleanup and remediation costs, and support sustainable site operations. The project demonstrates Bayer's commitment through proactive risk reduction, environmental stewardship, and continuous improvement.

Member Projects continued

BME, A Member of the Omnia Group (Pty) Ltd
STEM Education Supporting Rising Leaders Programme

Investment
R1 342 173

Benefits
Improving STEM education outcomes to contribute to scarce skills

Sector/Group Benefited
Secondary School Learners (Gr8-10)



This successful project contributed to holistically developing learners by improving academic performance, enhancing life skills, and building emotional resilience - empowering them to excel academically and thrive in life. This was achieved by equipping both learners and teachers with the tools they needed for sustainable success.

The maths adaptive learning programme focused on individual development areas of each learner by addressing problematic curriculum areas, thus addressing gaps and accelerating progress.

The life coaching sessions supplemented the Life Orientation curriculum with targeted sessions to develop emotional intelligence, resilience, and self-confidence. The sessions focused on practical goal setting, growth mindsets, and overcoming challenges. This included helping students plan study routines, balancing sports and academics, and developing constructive hobbies to keep them off the streets.

Educator development was also conducted. Teachers underwent training in adaptive learning technology to improve subject delivery and learner engagement.

As part of the programme the school was equipped with the EduTech eLearning Kit, providing learners with consistent access to digital learning tools. The solution enables learners to progress through self-paced learning pathways, structured across nine masteries.

Dolphin Coast Landfill Management (Pty) Ltd
Solar Plant

Investment
R1 995 723

Benefits
Reduces operational costs and emissions, modernises infrastructure

Sector/Group Benefited
Dolphin Coast Landfill Management

The 650 kWp Solar PV project at Dolphin Coast Landfill Management (DCLM) marks a significant milestone in the facility's transition into a modern resource-recovery hub. The plant is actively generating clean energy to power the Leachate Treatment Plant.

The core benefits and ongoing impacts of the plant include:

Sustainable Cost Reduction: The facility now supplements the power requirements of the Leachate Treatment Plant with renewable energy, directly lowering operational expenditures and reducing reliance on the municipal grid.

Environmental Stewardship: By outputting consistent green energy, the project reinforces DCLM's commitment to ISO 14001 standards and significantly reduces the site's total carbon footprint.

Innovative Reputational Value: The successful integration of solar technology proves that the site is far more than a traditional landfill, operating instead as a foundational step in a broader green energy pipeline.

This operational success serves as a reliable baseline for future expansions into organic waste processing and biogas partnerships, ensuring long-term sustainability for the region.



Member Projects continued

EnviroServ Waste Management (Pty) Ltd

EnviroServ's Annual Dress-a-Learner Programme

Investment
R336 391

Benefits
Promotes equality, attendance, and better educational outcomes for learners

Sector/Group Benefited
Children



The Dress-a-Learner programme is part of EnviroServ's Socio-Economic Development (SED) Programme. The initiative provides new full school uniforms, shoes, and essential clothing to learners from disadvantaged backgrounds.

Many families struggle to afford a full school uniform, which often leads to learners missing school or feeling excluded. Through this programme, EnviroServ aims to remove that barrier so every learner can attend school with dignity. The programme targets primary and secondary schools in communities surrounding EnviroServ operations, with priority given to schools identified through SED needs assessments. Short-term impacts include:

- Improved attendance: learners with uniforms are more likely to attend school consistently;
- Restored dignity and confidence: uniforms help learners feel equal, proud, and included;
- Reduced financial strain: families save money that can be used for food, transport, and learning materials; and
- Better classroom participation: learners focus more on learning instead of worrying about appearance;

Long-term impacts include:

- Improved educational outcomes;
- Regular attendance and confidence contribute to better academic performance;
- Higher retention rates: Learners are less likely to drop out due to lack of resources; and
- Community upliftment: Investing in education supports long-term socio-economic development.

Climate Adaptation for Landfills

Investment
R10 000 000

Benefits
Climate resilient solution for lasting environmental and social benefits

Sector/Group Benefited
Communities, Employees, Suppliers



This climate adaptation investment in landfill assets demonstrates how waste management infrastructure can be adapted to the growing challenges of climate change while delivering tangible environmental, social and financial benefits. By strengthening the resilience of the landfills to extreme rainfall, reducing environmental risks, and improving living conditions for local communities surrounding the sites, the project illustrates the value of practical and locally adapted solutions. It highlights how operational solutions can support more resilient territories while contributing positively to sustainable waste management practices.

EnviroServ's Climate Resilient Landfill Capping Programme adapts active waste-management facilities to increasingly intense rainfall. Engineered temporary, progressive and permanent covers prevent rainwater from contacting the waste body, separate clean and contaminated flows, reduce leachate and stormwater volumes, stabilise slopes and improve gas control. Implemented at Holfontein, Shongweni and Vissershok, the programme combines site-specific design, operational monitoring and continuous learning. It protects water resources, maintains treatment and storage capacity, reduces cost and nuisance impacts, and strengthens the long-term resilience of essential waste infrastructure.

Member Projects continued

Interwaste (Pty) Ltd
A division of Interwaste Holdings Limited
Biodiversity Hotspot

Investment
R579 855

Benefits
Improved biodiversity through restoring natural habitats as green spaces

Sector/Group Benefited
Employees, neighbouring communities



The initiative was put in place to rejuvenate and increase natural habitats and improve biodiversity at the site. The initiative involved the conversion of exotic grass patches into a semi-self-sustaining natural highveld grassland environment, including various indigenous and local grass and plant species. The short-term impacts were the generation of a new green space in an industrial area and the provisioning of a suitable habitat to bat, bird, insect, and small mammal and reptile species. The long-term impacts were; the management of the environment in a manner that contributes to responsible utilisation of resources, specifically water through a weather station integrated irrigation system; management of alien and invasive plant species, without the use of herbicides; continual biodiversity monitoring, specifically of birds and insects utilising the site; and the associated benefits to employee health, well-being, and knowledge and awareness sharing through exposure to natural environments and biodiversity. Additional benefits were the learnings and protocols developed at a small-scale habitat restoration, providing insight and guidance for future larger scale rejuvenation projects for the company.

Island View Storage (Pty) Ltd
t/a Bidvest Tank Terminals
Conversion of Bay 2 Boiler from HFO to LO10

Investment
R677 301

Benefits
Reduced air emissions

Sector/Group Benefited
Surrounding Community

The conversion of Bay 2 Boiler from heavy fuel oil (HFO) to light oil10 (LO10) was initiated following a Green Scorpions environmental inspection in April 2024, which identified environmental non-conformances associated with the boiler. The project provided a permanent solution to improve environmental performance at source.

The existing boiler was converted from HFO containing 3.5 mass% sulphur to LO10 with a typical sulphur content of 0.8 mass%, representing an approximately 77% reduction in fuel sulphur content. This significantly reduces sulphur entering the combustion process and the potential for SO_2/SOx emissions.

The conversion was completed in July 2025, with boiler capacity unchanged, maintaining operational capability.

Current monitoring shows SO_2 at 1 627 mg/Nm³, compared with the GN 831 limit of 3 500 mg/Nm³, while particulate matter (PM) measured 98 mg/Nm³ against a limit of 150 mg/Nm³.

The project delivered improved environmental and regulatory performance while maintaining operations. It was completed for R677 301 investment, against a budget of R849 154, achieving a 20.3% underspend.



Member Projects continued

Island View Storage (Pty) Ltd t/a Bidvest Tank Terminals

Water Recycling for Berth Line Pressure Testing

Investment
R0

Benefits
Water conservation through water reuse and recycling

Sector/Group Benefited
Environment/ Local community and Municipality

The Water Recycling for Berth Line Pressure Testing initiative was developed in response to a period of water shortage and the need to reduce reliance on municipal water. Pressure testing typically requires 40 000 to 90 000 litres per test, with water historically discharged after use.

The team identified an opportunity to repurpose decommissioned Tank 239 to recover, store and reuse pressure-testing water. Following testing, water is transferred to Tank 239 and subsequently pumped into another berth line for reuse. The same water has been reused up to seven times.

Monitoring commenced in May 2026. Between May and July 2026, seven berth lines were pressure tested using 187 735 litres of water, with approximately 130 000 litres of municipal water verified as saved during May and June through water reuse.

The initiative required zero capital expenditure, utilising existing tank and pumping infrastructure. The tank pump also improved the efficiency and speed of filling berth lines.

The project reduces freshwater consumption and wastewater generation while promoting resource efficiency and circular water use. It demonstrates practical employee-driven innovation and provides a sustainable, potentially replicable Responsible Care® solution.



Labchem (Pty) Ltd

Fume Hoods for the Stores

Investment
R205 000

Benefits
Prevent volatile chemical exposure to staff

Sector/Group Benefited
Employees



As part of Labchem's commitment to workplace health and safety, two fume hoods were installed in the chemical packing rooms to protect staff during the packing and decanting of chemicals. Previously, these tasks exposed employees to airborne vapours, dust and fumes, with reliance on outdated extraction and personal protective equipment alone. The fume hoods now capture and extract hazardous emissions at the source, providing engineering-level control in line with the hierarchy of controls.

In the short term, the initiative has significantly reduced staff exposure to chemical vapours, improved air quality in the store, and increased employee confidence and comfort when handling hazardous substances. In the long term, it reduces the risk of chronic occupational illness, supports compliance with occupational health and safety legislation and exposure limits, and lowers potential liability.

The initiative demonstrates proactive investment in employee wellbeing rather than reactive correction and sets a benchmark for engineering controls across Labchem's operations. Above all, it strengthens the safety culture by showing staff, in a tangible way, that their health comes first.

Member Projects continued

Labchem (Pty) Ltd

MINI Safety Data Sheets in the Workplace

Investment
R25 000

Benefits
Point-of-use MINI safety data sheets

Sector/Group Benefited
Employees



This initiative involves the creation and placement of condensed, visual Work Practice Data Sheets at the physical location of each hazardous chemical in the workplace. Each mini sheet distils the full Safety Data Sheet (SDS) into an at-a-glance format covering GHS hazard pictograms, health hazard statements, required PPE, safe handling precautions, spill response, and first aid measures.

In the short term, the initiative gives workers immediate access to critical safety information at the point of use, eliminating the need to locate and interpret lengthy SDS documents during routine handling or emergencies. This reduces response time during spills or exposure incidents and reinforces correct PPE selection before each task.

In the long term, the initiative supports a stronger safety culture through constant visual reinforcement of chemical hazards, reduces the likelihood of occupational illness from chronic exposure, aids regulatory compliance with hazard communication requirements, and simplifies induction and refresher training for new and existing staff. The standardised format also streamlines future updates as chemical inventories or classifications change.

NCP Chlorchem (Pty) Ltd

Improved Gas Usage

Investment
R1 200 000

Benefits
Reduced gas consumption, Improved steam efficiency, Lower plant operating costs

Sector/Group Benefited
Employees, Communities

This initiative focused on the re-routing of condensate from NCP's rapid flash-type boiler system, replacement of failed and inefficient steam traps, insulation of steam distribution lines, and refurbishment of sections of the older caustic plant where steam and energy losses were identified.

The project achieved an improved condensate return percentage from 5% to approximately 40%, with the long-term objective of increasing recovery to 70%. As a result of these improvements, steam consumption decreased from approximately 20 tonnes per hour to an average of 17 tonnes per hour, significantly reducing natural gas demand and improving overall boiler efficiency.

Short term Benefits: The project has reduced natural gas consumption, improved boiler efficiency, lowered water treatment requirements, decreased steam losses and increased condensate recovery.

Long-term Benefits: Sustained energy savings, reduced carbon emissions, improved equipment reliability, lower maintenance costs, enhanced operational sustainability and reduced boiler make-up water requirements through higher condensate recovery.

The total saving realised in 2025 was R9 378 842.

This project resulted in significant energy efficiency and cost reduction whilst supporting broader sustainability and resource conservation objectives.



Member Projects continued

NCP Chlorchem (Pty) Ltd

Sodium Hypochlorite Rework Project

Investment
R134 179

Benefits
Pollution prevention, effluent reduction, improved asset integrity

Sector/Group Benefited
Employees, Communities, Customers



NCP's Emergency Sodium Hypochlorite (Hypo) Plant was designed as a safety system to absorb chlorine gas releases using caustic soda, thus preventing the release of chlorine gas from upstream plants to the atmosphere. In 2024, the plant experienced sporadic pinhole leaks on hypo equipment due to high moisture levels in the chlorine gas from the upstream plants, leading to corrosion and increased risk of emissions, safety issues and reduced reliability.

Previously, off-specification, brownish hypo was treated as effluent, generating approximately 400 tonnes of waste monthly, thus increasing costs and environmental impact.

The project aimed to eliminate pinhole formation that resulted in chlorine emissions by redirecting the vent line to the absorption columns, and reduce effluent by improving product quality. A total of 4 088 tonnes of waste was converted to an in-specification saleable product achieving a total savings of R26.2 million.

Short term benefits include extended equipment lifespan, improved reliability (targeting 100% availability) and reduced safety and environmental risks by preventing chlorine gas emissions and reducing effluent through halting off-specification product production.

Long term benefits include enhanced asset integrity, lower operating and maintenance costs, sustained waste reduction and improved product recovery.

Omnia Agriculture

Market Place Academy: Cultivating Skills, Food Security

Investment
R2 900 000

Benefits
Strengthening food security and institutional capability

Sector/Group Benefited
Women, local people

This programme embeds specialised crop production training into Gauteng Schools of Specialisation, advancing Responsible Care® principles of community stewardship and sustainable development.

The project supported 30 students and 6 educators at Katlehong, John Orr and Oosrand sites. The 2025 pilot delivered the National Qualifications Framework (NQF) Level 1–2 Skills Programme in Specialised Crop Production. Educators completed the Occupational Certificate: Occupational Trainer plus Agri-aligned Workplace Experience Modules, building lasting local training capacity. Fresh produce production feeds a school feeding scheme, directly addressing learner nutrition.

This scalable, accredited model converts Omnia's agronomic expertise into measurable community upliftment, exemplifying Responsible Care® in action.



Member Projects continued

Omnia Fertilizer – a Division of Omnia Group (Pty) Ltd

Safe Harbour for Drivers – Turning High-Risk Queue into Protected Waiting Zones

Investment
R40 000

Benefits
Safe harbour for drivers

Sector/Group Benefited
Truck drivers



Omnia's Nigel site handles an average of 88 trucks every day. In the past, drivers waiting in queues frequently wandered across the site, exposing themselves to the constant risk of being struck by moving vehicles or suffering other injuries in a busy operational environment.

The site responded with a simple yet highly effective innovation: a clearly demarcated, yellow-railed safe waiting zone with a dedicated bench, green anti-slip surface, and footprint markers that guide drivers where to stand or sit. Supported by prominent site rules and safety signage, this area keeps drivers in one controlled, protected location while trucks are loaded or unloaded.

This solution directly reduces pedestrian-vehicle interaction risk, improves discipline around the site, and demonstrates practical, low-cost safety leadership. It embodies the Responsible Care® commitment to continuous improvement in protecting people.

Omnia Sasolburg-Phase 4A Solar Project

Investment
R70 800 000

Benefits
Contribution to decarbonisation of operations

Sector/Group Benefited
Employees

Phase 4A of the solar programme was completed last year and Omnia is currently constructing Phase 4B. Phase 4A delivered a 6.76 MWp single-axis tracking solar PV plant.

The project's scale, efficient single-axis tracking design, substantial capital commitment, and seamless progression into Phase 4B demonstrate a serious, long-term commitment to decarbonising operations. It delivers measurable environmental benefits while strengthening energy security and operational resilience for the business.



Member Projects continued

Omnia Fertilizer – a Division of Omnia Group (Pty) Ltd

Sasolburg Amenity Facility

Investment
R35 000 000

Benefits
Improved employee dignity, health, and wellbeing

Sector/Group Benefited
Employees



The project includes the establishment of new ablutions, mess rooms, lockers, and access control at points of entry. This is not just infrastructure, but demonstrates Responsible Care® in action by investing in employee dignity, health, and wellbeing.

The upgrade addresses Occupational Health and Safety Act (OHSA)/SANS 10400 non-compliance, outdated facilities, insufficient female-employee provision, poorly placed access points, inadequate mess rooms, and weak security causing theft and vandalism. It was delivered in three phases starting from November 2022.

The expected benefits include improved safety (PPE worn from point of entry), better security and time-and-attendance control, a more inclusive site for a growing female workforce, and a morale boost that signals Omnia's genuine investment in its people, not just compliance.

Reef Tankers (Pty) Ltd

AI-Enabled Fatigue Risk Management System (FRMS)

Investment
R1 286 664

Benefits
Driver safety

Sector/Group Benefited
Drivers, road users, communities



The AI-Enabled FRMS is a proactive safety initiative developed to identify, verify and mitigate driver fatigue before it results in incidents during the transportation of hazardous materials.

AI and machine learning continuously analyse driver alertness and identify fatigue indicators, such as microsleeps and yawning. When a potential fatigue event is detected, the system immediately issues an in-cab audible warning identifying the detected behaviour while simultaneously activating a seat vibration to regain the driver's attention and encourage immediate corrective action.

The event is automatically transmitted to the Powerfleet Technology Assisted Review (TAR) Control Tower, where trained analysts independently verify the event to confirm fatigue and eliminate false positives. Fleet Controllers implement appropriate fatigue risk mitigation measures, including remotely activating the vehicle's warning light to instruct the driver to stop at the nearest safe location.

Every verified fatigue event forms part of a structured fatigue event review, identifying contributing factors, reinforcing driver coaching, implementing corrective and preventative actions where necessary, and supporting trend analysis and continual improvement. Together, these multiple layers of protection proactively reduce fatigue-related transport risks, strengthen Reef Tankers' safety culture, and protect drivers, communities and the environment in support of Responsible Care®.

Member Projects continued

Safcor Freight (Pty) Ltd
Trading as Bidvest International Logistics

Installation of Solar Lights

Investment
R9 200

Benefits
Reduction in electricity consumption, improved security

Sector/Group Benefited
Employees



Installing solar lights behind an administration building provides an immediate financial return by eliminating a 12-hour daily grid load. Commercial external lighting often runs continuously from dusk until dawn, creating a predictable drain on utility budgets. Moving this specific zone off grid has driven immediate savings while addressing security blind spots.

Keeping Girls in School

Investment
R1 197

Benefits
Reduction in girls' absenteeism at school

Sector/Group Benefited
Woman



This initiative provided sanitary towels to girls at school to stop absenteeism and ensure continuation of their education. This empowers young women to enter the formal workforce, provide leadership and be equal contributors to society thus breaking generational cycles of poverty.

Member Projects continued

Safcor Freight (Pty) Ltd
Trading as Bidvest International Logistics
Vegetation Maintenance on South Coast Road

Investment
R214 320

Benefits
Improved safety and ecological health

Sector/Group Benefited
Employees, Community

The comprehensive Vegetation Management Initiative is a structured, proactive programme designed to monitor, trim, and control plant growth near critical infrastructure and public spaces. Instead of reacting when trees fall or block paths, this initiative uses planned maintenance schedules and selective clearing to balance human safety with ecological health. This initiative directly strengthens community health, equity, and daily life. It transforms shared environments into safer, more reliable, and highly usable spaces for all.



Bluetooth Hands-Free Headset – Coastal Division

Investment
R17 480

Benefits
Safer driving practices

Sector/Group Benefited
Coastal Division truck drivers



The Coastal Division implemented a Bluetooth hands-free headset programme for 40 professional truck drivers to reduce distracted driving and improve safe communication while vehicles are in operation.

The initiative enabled drivers to remain focused on the road while maintaining continuous communication with the Transport Control Centre and Risk Control Room for operational instructions, route updates and emergency response.

The project strengthens driver safety by reducing manual mobile phone handling, supporting compliance with company safe driving standards and reinforcing a proactive safety culture.

Hands-free communication also improves incident reporting, reduces violation events, emergency coordination and response times, ensuring critical information can be communicated without compromising driver attention.

The initiative demonstrates Bidvest International Logistics' commitment to Responsible Care® by protecting employees, the public and transported goods while enhancing transport safety and operational efficiency.

Implemented across the Coastal Division fleet during 2025, the programme delivered a practical and sustainable risk reduction measure that supports continuous improvement, safe transport operations and responsible fleet management.

Member Projects continued

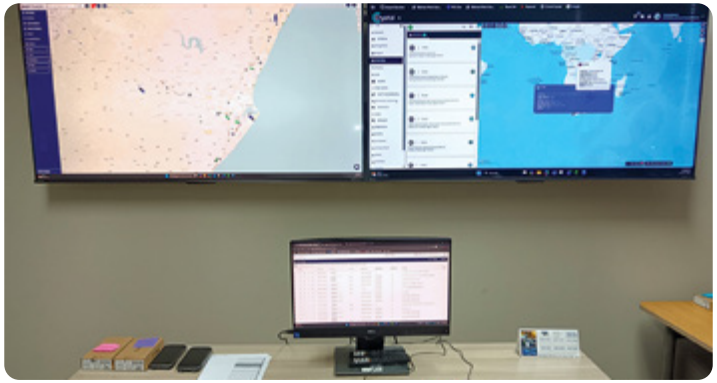
Safcor Freight (Pty) Ltd
Trading as Bidvest International Logistics

Centralised National Risk Control Room S&H Improvement Programme

Investment
R57 028

Benefits
Enhanced safety, security, compliance, resilience

Sector/Group Benefited
Drivers, Customers, Emergency Responders



In December 2025, Bidvest International Logistics Distribution established a centralised National Risk Control Room operating 24 hours a day, 365 days a year, to strengthen transport safety, security and operational risk management across its national fleet.

Dedicated Risk Control Room personnel proactively monitor driver hours, driver fatigue, driver behaviour, speeding, harsh braking, harsh acceleration, excessive idling, route deviations, journey progress, vehicle status, panic alerts, hijacking risks and driver medical restrictions, including compliance with prescribed spectacle requirements.

The Risk Control Room maintains communication with toll concessionaires and relevant stakeholders to obtain real-time information on road closures, accidents, traffic congestion, adverse weather, protests and other route disruptions, enabling Transport Controllers to make informed operational decisions.

When incidents are reported by drivers or Transport Controllers, the Risk Control Room retrieves and preserves Bidtrack telematics, AI camera footage and supporting evidence, verifies event timelines and vehicle movements, and supports investigations, insurance claims and corrective actions.

The initiative has enhanced the existing behaviour-based safety and behavioural observation safety programme while creating six employment opportunities through the employment of three male and three female Youth Employment Service (YES) Programme participants.

EV x 3 Truck Trials – Inland Division

Investment
R60 000

Benefits
Evaluating electric vehicles for safer, cleaner, sustainable freight transport operations

Sector/Group Benefited
Employees, drivers, fleet management, customers and the environment

Bidvest International Logistics conducted a structured trial of electric commercial vehicles, including the JAC 4-tonne, FUSO 4-tonne and Mercedes-Benz Sprinter 1.5-tonne models, to evaluate their suitability for future fleet integration.

The assessment measured charging time, travel distance, payload capacity, operational performance, emissions reduction, noise levels and overall sustainability within transport operations.

The trial demonstrated that electric vehicles have the potential to significantly reduce greenhouse gas emissions, improve air quality and lower noise pollution while maintaining operational efficiency.

The JAC 4-tonne vehicle emerged as the preferred option due to its zero tailpipe emissions, improved payload capacity, low noise levels and operational travel radius of approximately 200 km.

The initiative supports Bidvest International Logistics' sustainability strategy by identifying cleaner transport alternatives, reducing environmental impact and preparing the business for future low-carbon logistics solutions. It also responds to increasing customer interest in environmentally responsible transport options and provided valuable operational data to support informed investment decisions, continuous improvement and alignment with Responsible Care® and environmental, social and governance (ESG) objectives and sustainable development goals.



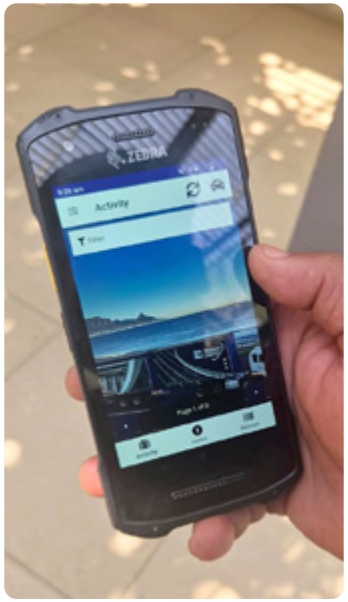
Member Projects continued

Safcor Freight (Pty) Ltd
Trading as Bidvest International Logistics
Zebra Handheld Devices

Investment
R578 750

Benefits
Digital proof of delivery transforming compliance, traceability and sustainability

Sector/Group Benefited
Drivers, transport controllers, Safety, Health, Environment, Risk and Quality (SHERQ) Department, fleet maintenance, customers



The Coastal Transport Division implemented 45 Zebra handheld devices to digitise transport operations through electronic Proof of Delivery (eDoc POD) with sign-on-glass functionality, replacing traditional paper-based delivery documentation with a secure, real-time digital solution.

The Zebra devices also provide driver tracking, enabling real-time visibility of driver activities, improved operational control and enhanced fleet management.

Together, these functions have improved customer service, document traceability, operational efficiency and governance while significantly reducing paper consumption and administrative processing.

To maximise the value of the platform, the Zebra devices were further utilised to introduce electronic pre-departure vehicle inspection checklists, enabling drivers to complete mandatory vehicle inspections digitally and report defects immediately for corrective action. This has strengthened fleet safety, compliance monitoring and audit readiness through secure electronic records and real-time reporting.

By integrating eDoc POD, sign-on-glass technology, driver tracking and digital pre-departure vehicle inspections into a single mobile platform, the initiative has improved operational efficiency, reduced environmental impact through paperless processes, strengthened compliance and enhanced service delivery, creating a safer, more sustainable and technology-driven transport operation aligned with Responsible Care® principles.

Safripol (Pty) Ltd
(Sasolburg)
Safripol Forklift Conversion

Investment
R100 000

Benefits
Nett reduction of GHG emissions, improved conditions in warehouses

Sector/Group Benefited
Employees and Contractors





As part of its broader energy and efficiency strategy, Safripol has accelerated the transition from internal combustion, fuel powered forklifts to electric forklifts across its operations. This shift forms part of Safripol's ongoing efforts to improve operational efficiency, reduce reliance on non-renewable energy sources, and lower its GHG emissions footprint.

During the reporting period, Safripol made significant progress in electrifying its materials handling equipment, with electric forklifts now comprising more than 80% of the total forklift fleet. The transition reflects a deliberate move to modernise equipment and adopt technologies that deliver both commercial and environmental benefits.

The adoption of electric forklifts has resulted in several operational advantages:

- For the Durban operations, diesel consumption has declined by about 6 000 litres per month;
- For the Sasolburg operations, natural gas consumption has declined by about 3 300 kg per month;
- Improved cost efficiency, as electric forklifts have lower fuel and maintenance requirements compared to conventional fuel powered units;
- Reduced noise levels, contributing to a safer and more comfortable working environment; and
- Nett reduction of 30 tonnes CO_2e greenhouse gas emissions.

Member Projects continued

Sasol South Africa Limited

Early Childhood Development

Investment
R4 900 000

Benefits
Enhanced nutrition, literacy, skills and learning opportunities for across South Africa

Sector/Group Benefited
Children, ECD practitioners and ECD centre managers



Recognising that quality early childhood education is fundamental to lifelong learning and future STEM participation, the Sasol Foundation invests in holistic early learning programmes that improve school readiness, literacy, nutrition and educator capability. Aligned to South Africa's National Development Plan, the initiative strengthens the foundations required for children to thrive academically and socially.

During the past year, the programme reached 14 858 children and strengthened the capabilities of 729 practitioners and 276 centre managers through accredited training, mentoring, coaching and on-site support. A further 172 practitioners completed NQF-aligned qualifications, while 38 practitioners achieved NQF Level 5 certification.

Key highlights include a Mother Tongue Literacy Programme reaching 330 Early Childhood Development (ECD) centres, with 236 practitioners trained and 29 700 African language storybooks distributed. Nutrition support benefited 1 920 children, while 94 ECD centres continue to sustain food gardens. Digital literacy training empowered practitioners to enhance learning outcomes for 1 237 children, and Toy Libraries expanded access to educational resources for 2 079 children.

By strengthening educator capability, literacy, nutrition and learning resources, the programme delivers lasting educational, developmental and societal benefits.

Sasol Bridge-to-Work (BtW) Programme

Investment
R73 300 000

Benefits
Equipping youth and women with skills, employment pathways and entrepreneurship opportunities

Sector/Group Benefited
Unemployed youth and women from Sasol's host communities

South Africa continues to experience exceptionally high youth unemployment, with baseline research conducted by Sasol indicating unemployment levels exceeding 60% in many of its host communities. The Sasol Bridge-to-Work (BtW) Programme was established to address this challenge by developing industry-relevant skills that create sustainable employment and entrepreneurship opportunities.

The programme comprises integrated interventions in Motor Mechanics, Welding, Business Digital Services and Handyman Services, combining accredited technical training, workplace-based learning, entrepreneurship development and business incubation. Delivered through partnerships with accredited training providers, Technical and Vocational Education and Training (TVET) colleges, industry employers and Sector Education and Training Authorities (SETAs) the programme ensures beneficiaries receive recognised qualifications, practical experience and exposure to real employment opportunities.

In 2025, approximately 225 beneficiaries participated across the programme portfolio, with measurable outcomes including employment placements, artisan development, new business creation and access to enterprise funding. By aligning skills development with industry demand and emerging sectors such as renewable energy and digital technologies, the programme strengthens local economies, supports inclusive growth and creates lasting socio-economic value for Sasol's host communities.



Member Projects continued

Sasol South Africa Limited

Sasol for Good Programme

Investment
R3 600 000

Benefits
Transforming communities and lives

Sector/Group Benefited
300 NPOs and 20 000 community members

Sasol for Good addresses pressing social challenges by combining employee volunteerism, philanthropy and community partnerships. The programme empowers employees to volunteer 40 hours annually to support education, poverty alleviation, healthcare and community development initiatives.

In 2025, over 300 employees participated in the Payroll Giving and Matching Programme, contributing R833 622, with Sasol matching a further R643 635. This enabled more than 300 Non-Profit Organisations (NPOs) to expand critical services and positively impact over 20 000 beneficiaries.

The initiative also advances educational outcomes through extensive back-to-school support. More than 1 010 learners benefited across Govan Mbeki, Lekwa and Dipaleseng municipalities, including 490 learners receiving dignity packs and sanitary products, 202 learners receiving school uniforms, and 490 learners receiving school bags and backpacks, helping remove barriers to education and preserve learner dignity. A flagship highlight was the 2025 Mandela Day campaign, where over 1 000 employees packed and distributed 4 373 food boxes and supported 120 beneficiary organisations through food-relief initiatives.

By mobilising employees, resources and partnerships, Sasol for Good delivers immediate support while fostering long-term social resilience, educational opportunity and sustainable community development.



Sasol Foundation: Future Skills Development

Investment
R28 900 000

Benefits
Developing South African talent, innovation and careers

Sector/Group Benefited
Undergraduate and postgraduate students, unemployed graduates and young professionals



The Sasol Foundation invests in tertiary education to develop highly skilled graduates, strengthen research capability and improve employability, contributing to South Africa's economic growth, innovation and social development. Through undergraduate bursaries, postgraduate scholarships and comprehensive student support, the programme helps remove financial barriers while preparing future-fit talent in strategic skills areas.

In 2025, the Foundation invested R28.9 million and supported 160 students, including 56 undergraduate bursary recipients and 104 postgraduate students (24 honours, 51 masters and 29 doctoral candidates). Research excellence was demonstrated through 24 peer-reviewed publications and 38 local and international conference presentations.

Beyond financial support, students benefited from mentorship, academic supervision, psychosocial support, career guidance, workplace coaching and research training, improving academic success and readiness for the world of work. Strategic partnerships, including an agreement with the Council for Scientific and Industrial Research (CSIR), further expanded access to educational opportunities.

The programme also strengthened graduate employability, with 13 unemployed graduates supported through internship opportunities and two interns securing permanent positions within Sasol. By building critical skills, research capacity and employment pathways, the initiative creates lasting value for individuals, industry and South Africa.

Member Projects continued

Sasol South Africa Limited
Sasol Benfield Steam Optimisation Project

Investment
R2 100 000

Benefits
248kt CO_2 avoided, 822kt water conserved

Sector/Group Benefited
Sasol Synfuels Operations



The Benfield steam optimisation project at Sasol's Secunda Synfuels Operations was aimed at reducing energy intensity and emissions within a carbon-intensive process while maintaining reliable CO_2 removal. The project uncovered steam measurement inaccuracies, revealing efficiency opportunities without major capital investment. Through a multi-year effort, the initiative integrated improved measurement, enhanced laboratory practices, and a dynamic steam-to-CO_2 load control philosophy. This enabled steam use to be aligned with real plant conditions rather than fixed assumptions, unlocking sustained efficiency gains. Operator confidence and new practices were embedded into daily operations.

Key highlights and impacts include:

- Sustained steam savings of approximately 822 kt;
- CO_2 emissions reductions of approximately 248 kt and reduced reliance on external electricity;
- Improved water stewardship through increased condensate recovery, reducing freshwater consumption from the Vaal River system by 822 kt;
- Transition to automated, real-time control for sustained impact; and
- Total annual savings of R273 million through electricity cost savings and condensate recovery.

The project also fostered environmental awareness, with teams embracing energy-efficient behaviours and making sustainability embedded in Sasol's ways of working.

Sasol South Africa Limited in collaboration with Waste-X and Ocon Brick
Waste to Walls Initiative

Investment
R0

Benefits
Diversion of waste from landfill, reduced GHG emissions, scalable shared-value-model, circularity

Sector/Group Benefited
Sasolburg Operations, Waste-X and Ocon Brick, communities surrounding landfill sites

The Waste-to-Walls Initiative was developed to address the challenge of sustainable waste management, while supporting Sasol's commitment to Responsible Care® principles. Through a structured partnership with Waste-X and Ocon Brick, three Sasol industrial waste streams are safely and beneficially reused in brick manufacturing, replacing coal and virgin materials.

The project demonstrates strong environmental stewardship by diverting over 25 000 tonnes of waste from landfill annually and reducing reliance on fossil fuels. It is underpinned by approved waste exclusions, comprehensive risk assessments, and strict operational controls, ensuring protection of employees and the environment throughout the value chain.

Key highlights include proven product compliance with SANS 227 standards, strength specification significant cost savings, and reduced transport-related risks and emissions.

In the short term, the project delivers substantial environmental, and safety benefits to Sasol, Ocon Brick and communities surrounding landfill sites. Long term, it establishes a scalable model for responsible waste beneficiation, advancing circular economy outcomes and reinforcing industry leadership in sustainable and ethical operations.

Through innovation, resource efficiency, skills development, community investment and operational excellence, member companies continue to translate Responsible Care® commitments into meaningful and measurable outcomes.



Vopak Terminal Durban (Pty) Ltd

Vopak Safety Day

Investment
R1 000 000

Benefits
Safe working environment

Sector/Group Benefited
Employees and contractors

The annual Vopak Safety Day alongside the Global Safety Day, reinforces the commitment to a safe working environment. This year, the focus was on one of the eight Principles of Process Safety that Vopak champions, namely "Stay Out of the Line of Fire".

The Vopak South Africa team showcased remarkable collaboration by bringing together staff and contractors in a unified space. The event featured excellent presentations emphasising the importance of this year's theme, complemented by delicious South African cuisine that fostered camaraderie and connection.

At Vopak, safety isn't just a priority; it's fundamental to everything that is done. By continuously learning, sharing experiences, and embracing safety principles, the collective safety culture is strengthened. There is a commitment to staying safe, staying out of the line of fire, and ensuring a secure environment for everyone, every single day.



Hosting a 2025 Contractor Indaba

Investment
R10 000

Benefits
Strengthened safety performance

Sector/Group Benefited
Employees and contractors

Great energy and commitment was demonstrated at the Vopak ZA 2025 Annual Contractor Indaba held in Durban.

The Vopak team and all terminal contractors came together to conduct a deep dive into the 2025 safety performance, sharing insights and setting a clear path for a safe 2026. The Top three Safety Performing Contractors were recognised with a massive shout-out to the overall winner: Contractor of the Year 2025: Industrial Control and Automation.



"Finishing Strong" Campaign

Investment
R50 000

Benefits
Safety in the workplace

Sector/Group Benefited
Employees and Contractors

The "Finishing Strong" campaign with the Toolbox Talk was delivered to the Vopak team and contractors by the Vopak President, Oliver Naidu. The central message was an appeal to the team to finish the last quarter of the year successfully by focusing on three key elements, which is referred to as the P-T-C (People, Terminal, and Customer) framework.



Member Projects continued

Vopak Terminal Durban (Pty) Ltd

Concluding Arbor Month with Bluff Community

Investment
R50 000

Benefits
Nurturing a love of nature

Sector/Group Benefited
Youth

The Vopak South Africa team had the privilege of wrapping up Arbor Month with inspiring events at the Marlborough Junior Primary School located in the heart of the Bluff, South of Durban, in collaboration with the eThekwini Municipality Environmental Health Team.

In an effort to nurture the environment and instil a love for nature in the youth, Vopak partnered with the Wildlife and Environment Society of South Africa (WESSA) to provide 100 seedlings to students at the school. This initiative not only educated the children about the importance of trees but also empowered them to take an active role in caring for the environment.

Additionally, 10 trees were planted within the community, reinforcing the commitment to giving back to nature and supporting the Bluff community. Each tree serves as a lasting reminder of the collective responsibility to protect the planet for future generations.



Empowering Umngedwa Community – Arbor Day

Investment
R100 000

Benefits
Greener environment, food security

Sector/Group Benefited
Women



Vopak South Africa took a meaningful step forward during Arbor Month by participating in the annual "1 Garden, 1 Family" initiative, in partnership with Ntobeko Mafu (MadameClucksAlot). Vopak's dedicated employees came together to make a lasting impact in the rural area of Umngedwa, south of Durban.

The team rolled up their sleeves and got hands-on experience in planting trees and establishing gardens that will not only beautify the community but also promote sustainable practices for years to come. This initiative beautifully showcases the commitment to fostering a greener future and supporting the well-being of the communities that Vopak serves.

By collaborating with local stakeholders and families, Vopak is not only planting seeds in the ground but also in hearts, inspiring a love for nature and the importance of sustainability. It was a day filled with laughter, teamwork, and the joy of giving back, reminding everyone that together a brighter future can be cultivated.

Member Projects continued

Vopak Terminal Durban (Pty) Ltd

Driving Local Impact and SDG Alignment During World Water Week

Investment
R200 000

Benefits
Improved river water quality, cleaner environment

Sector/Group Benefited
Community of Umbilo Park

The Vopak South Africa team took a significant step to give back to the environment and the local community. In a collaborative effort, they partnered with various stakeholders, including the eThekwini Municipality, the WESSA, the KwaZulu-Natal Department of Economic Development, Tourism and Environmental Affairs, Mangosuthu University of Technology, and Brettonwood High School.

Together, they conducted a cleanup at Umbilo Park and performed water quality testing of the Umbilo River. This initiative was of great importance, as it saw community members turn out in large numbers to support the cause. The event's impact resonated deeply with several of the United Nations SDGs, highlighting its importance.



Merewent Cheshire Home – Renovation

Investment
R200 000

Benefits
Vopak SA honoured Mandela Day by renovating Merewent Cheshire Home

Sector/Group Benefited
Disabled people



Vopak SA colleagues honoured Mandela Day by volunteering at Merewent Cheshire Home, renovating and uplifting the space for its residents to embody Mandela's legacy of service and making a difference.

Member Projects continued

Vopak Terminal Durban (Pty) Ltd

Spacebuzz – Virtual Experience

Investment
R1 000 000

Benefits
Greater awareness of sustainability

Sector/Group Benefited
Hillview Primary School students



The Vopak South Africa team joined forces with SpaceBuzz to bring an unforgettable experience to 100 students at Hillview Primary School. The event, which was part of Vopak's WeConnect initiative, introduced the students to a thrilling "space experience" using virtual reality.

SpaceBuzz is an award-winning programme that uses virtual reality to educate young people about sustainability and the importance of protecting the planet. Through the virtual reality experience, the students were able to embark on a simulated journey through space, gaining a new perspective on Earth's beauty and fragility.

The event at Hillview Primary perfectly aligns with the mission of Vopak WeConnect, which encourages employee volunteering to support young people and promote a more sustainable environment.

Expanding Renewable Energy – International Renewable Energy Certificates

Investment
R50 000

Benefits
Greenhouse gas emission reduction

Sector/Group Benefited
Employees and communities


The International Tracking Standard Foundation

This Redemption Statement has been produced for

VOPAK TERMINAL DURBAN

by

MONSOON CARBON PTE LTD

confirming the Redemption of

4 006 450000

I-REC Certificates, representing 4 006 450000 MWh of electricity generated from renewable sources

This Statement relates to electricity consumption located at or in

105 Taiwan Road, Island View Bluff, Durban, 4052
South Africa

in respect of the reporting period

2025-01-01 to 2026-01-31

The stated Redemption Purpose is

Corporate Sustainability Targets (GHG reduction)

QR Code Verification

Verification Key

3 4 9 6 7 6 7 4

The primary focus of this project was to accelerate the transition to low-carbon operations and support clean energy generation through offsite renewable projects and green attribute purchasing.

The overall infrastructure cost of the primary energy partner – the Jeffreys Bay Wind Farm – is approximately $280 million USD (approximately R3 billion ZAR). Vopak's specific financial participation is managed through International Renewable Energy Certificates (IRECs) and Power Purchase Agreements (PPAs) to offset carbon emissions and drive renewable grid capacity.

Member Projects continued

Vopak Terminal Durban (Pty) Ltd

The Pulse of Safety

Investment
R500 000

Benefits
Achieve and maintain zero harm across all terminals

Sector/Group Benefited
Employees and Contractors

The scope of this project was to implement digital transformation and safety automation initiatives across the Durban and Lesedi terminals. This includes AI-driven data analytics, an upgraded Emergency Evacuation System, an e-Permit to Work (e-PTW) platform, and the "Vikela" contractor compliance platform. The aim is to maintain zero harm, shift safety ownership to the terminal floor, ensure 100% maintenance compliance, and accelerate evacuation times.

Clearance evacuation times have been reduced from 13 minutes to 2 minutes and 54 Safety Critical Procedures have been completed at the Durban Terminal and 44 at the Lesedi Terminal. In addition, a 100% compliance has been achieved on Tier 4 maintenance inspections, safety-critical equipment maintenance, and on the "Trust and Verify" programme.



Project UBUN2

Investment
R100 000 000

Benefits
Improved operational flexibility

Sector/Group Benefited
Employees and local community



Two 20 000 m³ liquid storage tanks were constructed within an existing operational brownfield facility to increase terminal storage capacity and improve operational flexibility. The objectives of the project were to target zero-harm operations and reduce local community protest/strike risks through proactive local employment, small business support, school upgrades, and bursary programmes for disadvantaged students.

Key outcomes include zero lost-time injuries and zero first-aid cases that were achieved across 400 000 man-hours; 230 local workers were employed and community upliftment initiatives implemented. The project was completed 5 months ahead of schedule and delivered over R100 million below the original budget.

Awards

The 2025 awards and recognitions celebrated member companies whose performance best exemplifies the Responsible Care® ethic – safety, health, environmental stewardship and community impact – across South Africa's chemical and allied industries. By publicly recognising excellence and innovation, the awards inspire continuous improvement and reinforce Responsible Care® as a shared standard for the industry.

2025 Responsible Care® Award

Winner



Buckman Laboratories (Pty) Ltd



Runner-up



Syngenta SA (Pty) Ltd



2025 Responsible Care® Logistics Service Provider Award

Winner



Bidvest International Logistics – Warehousing Durban Runway Park



Runner-up



Desert Rain Logistic Services (Pty) Ltd



Runner-up



Road Bulk Services (Pty) Ltd



Awards continued

2025 Responsible Care® Sustained High-Performance Award – Logistics Service Provider

Winner



Leopard Line Haul (Pty) Ltd
t/a Local Bulk Haulage



Runner-up



Anmesh Investments CC



CHEMICALS IN EVERYDAY LIFE

Beauty and personal care

Chemistry inspires confidence. Perfumes, lotions and cosmetics blend science with self-expression.

Awards continued

2025 Responsible Care® Sustained High-Performance Award – Manufacturer

Winner



Fine Chemicals Corporation (Pty) Ltd



Runner-up



Syngenta SA (Pty) Ltd



Awards continued

2025 Responsible Care® Initiative of the Year Award – Corporate Social Responsibility (CSR)

Category A

Winner



Safripol (Pty) Ltd
Schools Separation at Source Programme



Runner-up



BME, A Division of Omnia Group (Pty) Ltd
Gamsberg Kai Ma Community Skills Development Initiative



Runner-up



Vopak Terminal Durban (Pty) Ltd
Nelson Mandela Day – Wheelchairs



2025 Responsible Care® Initiative of the Year Award – CSR

Category B

Winner



Runga Trans cc
Bluff Hope
Centre Project



Runner-up



SAFIC (Pty) Ltd
The Steeldale,
Electron, and
Tulisa Park Forum



CHEMICALS IN EVERYDAY LIFE

Hygiene and home care

Chemical products keep us healthy and clean. Soap, toothpaste, sanitisers and detergents – everyday chemistry for everyday life.

Awards continued

2025 Responsible Care® Initiative of the Year Award – Company

Category A

Winner



Sasol South Africa Limited
Introduction of a Phthalate-free Homopolymer Grade of Polypropylene



Runner-up



EnviroServ Waste Management (Pty) Ltd
Carbon Emissions Reduction and Clean Energy Initiative



2025 Responsible Care® Initiative of the Year Award – Company

Category B

Winner



Impro Logistics (Pty) Ltd
Safety through AI Vision in Linehaul Transportation Project



2025 CAIA Water Award

Winner



Safripol (Pty) Ltd
HDPE Plant Upgrade: Expanding capacity for increased production of pipe-grade resin to support water security



Runner-up



Interwaste (Pty) Ltd
Effluent Treatment Plant Project



Runner-up



Vopak Terminal Durban (Pty) Ltd
Planting 200 Indigenous Trees at the Umgeni Beachwood Mangrove Nature Reserve and Estuary



Acknowledgement Certificates

Company Projects

Category A



A-Thermal Retort Technologies (Pty) Ltd

1.2 MWp Solar Plant to Power Waste Destruction



BME, A Division of Omnia Group (Pty) Ltd

Virtual Reality Driving Simulator Training Initiative



Darchem (Pty) Ltd

Emergency Preparedness Initiative



EnviroServ Waste Management (Pty) Ltd

Living SHEQ – Managerial Safety Visits and Rolled Out Life-Saving Rules



EnviroServ Waste Management (Pty) Ltd

"Greening" all Waste Management Facilities



NCP Chlorchem (Pty) Ltd

Targeted Water Conservation Project



Omnia Fertilizer, a division of the Omnia Group (Pty) Ltd

My Pledge Towards Sustainability



Reef Tankers (Pty) Ltd

Installation of a Borehole



Sasol South Africa Limited

Replacement of Ethyl Acrylate Rail Car O-rings in All Hatches

Category B



SAFIC (Pty) Ltd

Installation of a Solar Power System Project

Acknowledgement Certificates continued

CSR Projects Category A



BASF South Africa (Pty) Ltd

Nsizwakazi Primary School Initiative



BASF South Africa (Pty) Ltd

Zuzumqele High School Project



BASF South Africa (Pty) Ltd

Nelson Mandela Day 2025 Initiative



BASF South Africa (Pty) Ltd

Breaking Cycles of Poverty and Promoting Inclusive Education



Safripol (Pty) Ltd

Mandela Day School Projects Delivering Lasting Impact



Safripol (Pty) Ltd

Sustainability Conference 2024 – Collaboration for a Sustainable Future



Sasol South Africa Limited

Prohibition of Chemical Weapons Capacity Building Programme



Vopak Terminal Durban (Pty) Ltd

One Garden One Family Initiative



Vopak Terminal Durban (Pty) Ltd

Arbor Month in Schools – Planting Programme

Acknowledgement Certificates continued

CSR Projects

Category A continued



Vopak Terminal Durban (Pty) Ltd

Waste Management in Schools Programme



Vopak Terminal Durban (Pty) Ltd

uMhlathuzana River Clean-up Project



Vopak Terminal Durban (Pty) Ltd

Sustainability Workshop

Category B



Runga Trans cc

Cerebral Palsy Project



Governance and Systems

Governance Structure

CAIA's governance framework provides strategic direction, oversight and accountability for the national Responsible Care® programme and the Association's wider mandate. The Board provides oversight, while CAIA coordinates programme implementation, member support, stakeholder engagement and reporting. Specialist technical resources provide regulatory, IT and advisory expertise, where required.

This structure maintains programme integrity, supports consistent implementation and facilitates technical consultation and shared learning. Accountability for operational implementation remains with each Responsible Care® signatory.

CAIA Board

Nico Van Niekerk
KAP Industrial Holdings Ltd (Safripol (Pty) Ltd)

Wojciech Kulma
BASF South Africa (Pty) Ltd

Deidré Penfold
CAIA

Jerome Govender
EnviroServ Waste Management (Pty) Ltd

Seelan Gobalsamy
Omnia Group (Pty) Ltd

David Mokomela
Sasol South Africa Limited

Schalk Venter
NCP Chlorchem (Pty) Ltd

CAIA Team

Deidré Penfold
Executive Director

Amon Nyamhingura
Responsible Care® Manager

Nomthie Masuku
Administrative and Support Specialist

Kgauhelo Qwabe
Regulatory Policy Specialist

Technical Support

Catherine Grant Makokera
Independent

Aubrey Mawelele
Mabulane IT

Julie Borland
Julie Borland Consulting

Henk Langenhoven
Independent

Dhiraj Rama
Independent

CHEMICALS IN EVERYDAY LIFE

Construction and infrastructure

Building the world around us. Steel, cement, paints and coatings – all born from chemical innovation. Pipelines, plastics and materials that make modern infrastructure possible.

Acronyms

AARTO	Administrative Adjudication of Road Traffic Offences
AI	Artificial Intelligence
ART	Association Round Table
B4SA	Business for South Africa
BtW	Bridge-to-Work
BUSA	Business Unity South Africa
CAIA	Chemical and Allied Industries' Association
CO_2e	Carbon Dioxide Equivalent
COVID-19	Coronavirus Disease 2019
CSIR	Council for Scientific and Industrial Research
CSR	Corporate Social Responsibility
DCLM	Dolphin Coast Landfill Management
DFFE	Department of Forestry, Fisheries and the Environment
the dtic	Department of Trade, Industry and Competition
ECD	Early Childhood Development
e-PTW	Electronic Permit to Work
ESG	Environmental, Social and Governance
EV	Electric Vehicle
FRMS	Fatigue Risk Management System
GBF	Kunming-Montreal Global Biodiversity Framework
GDP	Gross Domestic Product
GFC	Global Framework on Chemicals – For a Planet Free of Harm from Chemicals and Waste
GHG	Greenhouse Gas
GHS	Globally Harmonised System of Classification and Labelling of Chemicals
GN	Government Notice
HDPE	High-Density Polyethylene
HFO	Heavy Fuel Oil
HOD	Heads of Delegation
I-REC	International Renewable Energy Certificate
ICCA	International Council of Chemical Associations
INC	Intergovernmental Negotiating Committee
ISO	International Organization for Standardization
IT	Information Technology
KPI	Key Performance Indicator
LED	Light-Emitting Diode
LO10	Light Oil 10
MHI	Major Hazard Installation
NBSAP	National Biodiversity Strategy and Action Plan
NDC	Nationally Determined Contribution
NO_x	Nitrogen Oxides
NOSA	NOSA (formerly National Occupational Safety Association)
NPO	Non-Profit Organisation
NQF	National Qualifications Framework
OHSA	Occupational Health and Safety Act
OHSAS	Occupational Health and Safety Assessment Series
PM	Particulate Matter
POD	Proof of Delivery
PPA	Power Purchase Agreement
PPE	Personal Protective Equipment
PV	Photovoltaic
RCMR	Responsible Care® Management Representative

Acronyms continued

RCMS	Responsible Care® Management System
SA	South Africa
SADC	Southern African Development Community
SANBI	South African National Biodiversity Institute
SANS	South African National Standard
SARS	South African Revenue Service
SDGs	Sustainable Development Goals
SDS	Safety Data Sheet
SED	Socio-Economic Development
SETA	Sector Education and Training Authority
SHE	Safety, Health and Environment
SHEQ	Safety, Health, Environment and Quality
SHERQ	Safety, Health, Environment, Risk and Quality
SO_2	Sulphur Dioxide
SOC	State-Owned Company
SO_x	Sulphur Oxides
SQAS-AFRICA	Safety and Quality Assessment for Sustainability – AFRICA
STEM	Science, Technology, Engineering and Mathematics
TAR	Technology Assisted Review
TVET	Technical and Vocational Education and Training
WESSA	Wildlife and Environment Society of South Africa
WPC	World Plastics Council
YES	Youth Employment Service

Units and Symbols

GJ	gigajoule
kg	kilogram
$kgCO_2e$	kilograms of carbon dioxide equivalent
kL	kilolitre
kt	kilotonne
kWp / MWp	kilowatt-peak / megawatt-peak
L	litre
m^3	cubic metre
mg/Nm^3	milligrams per normal cubic metre
R/ZAR	South African rand
USD	United States dollar

www.caia.co.za

CAIA
Chemical & Allied Industries' Association