Boundless Impact



Managing Risks & Opportunities (GRI 201-2)



Management of Risks and Opportunities remains a vital item on the agenda of the Board of Directors to ensure business success and continuity. A robust decision making framework is maintained to capitalise emerging opportunities while being mindful of risks.

RISK GOVERNANCE

At Haycarb, responsibility for effective risk management lies with the Board of Directors and is a regular item on the agenda of the Board. The Audit Committee supports the Board in discharging its risk management duties by undertaking a more detailed review of business related, climate related and sustainability related risk and opportunities and reporting

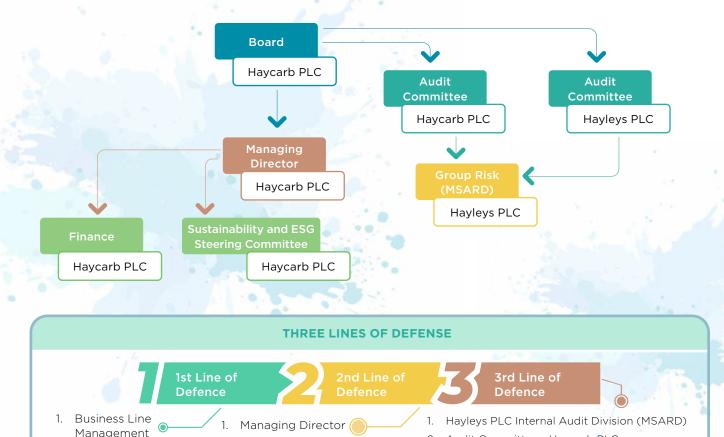
its assessments to the Board of Directors.

Haycarb's risk management approach is also reviewed by its parent entity, Hayleys PLC's Management Systems Audit and Review Department (MSARD) and feedback is provided to the Audit Committees of Hayleys PLC and Haycarb PLC on a quarterly basis. Hayleys PLC's Audit Committee undertakes sector risk reviews and provides feedback to the Group.

Haycarb Group's ESG Steering Committee is tasked with identifying and managing its sustainability and climate-related risks and opportunities as well as executing and monitoring its sustainability

strategy which is described on Page 201 SRROS and CRROs. The Committee is led by the Managing Director and comprises representatives from diverse functions across the Group. .

Monitoring and managing risk is a shared responsibility across the Group and is integrated into all key decision-making processes including strategy formulation, business planning, business development. capital allocation, investment decisions, internal controls and dayto-day operations. The Group also adopts the three-lines of defense model (as illustrated below) which ensures effective segregation and discharge of duties.



2. Corporate Management

2. Audit Committee - Haycarb PLC

3. Audit Committee - Hayleys PLC

4. External Audit

ROLES AND RESPONSIBILITIES

Haycarb PLC

The Board

- Oversight of risk management.
- Responsible for establishing an effective risk management framework.
- Approves policies.
- Reviews risk registers
- Provides guidance on the management of risk.
- Resource allocation for risk management.

Audit Committee

- Review the effectiveness of the risk management framework.
- Review and recommend policies for approval by the Board.
- Review risk registers and monitor risk evolution.
- Recommend allcoation of resources for risk.

Operational level

- Review the operating environment and competitor activity to identify potential risks.
- Identification, measurement, monitoring, management and reporting of risk.
- Effective implementation of risk management strategies.

Hayleys PLC

Management System Audit and Review Department

- Review and constructively challenge risk registers submitted.
- Collate and review key risks to assess adequacy of measures implemented.
- Make recommendations to the Management, the Audit Committee and the Board on further actions required.

IDENTIFICATION OF RISKS AND OPPORTUNITIES

Raw material procurement emerged as our primary risk in 2024/25, necessitating focused and coordinated strategic interventions to mitigate its significant impacts. We also closely monitored other keys risks and opportunities that could materially affect our business ensuring that threats were identified

early and pro-actively addressed, while new opportunities were effectively leveraged.

RISK MANAGEMENT PROCESS

We adopt a formal and structured approach to managing risk. The Senior Management of the Group is responsible for identifying risks relevant to their specific functions and updating the risk register

accordingly, while the risk register is reviewed at least quarterly. Identified risks are measured, managed, and monitored while the top risks are reported to the Board Audit Committee and the Board of Directors. The Group's risk management process is coordinated by the Finance Department.

Raw material procurement

Shortages across all our source markets presented significant challenges to sourcing adequate quantities of raw materials in 2024/25. Moreover, limited supply led to increased competition and upward pressure on raw material prices. While erratic weather patterns are expected to adversely affect coconut crop performance in 2025 as well, we expect coconut yields to gradually recover by

Climate change

price.

Our extensive portfolio of products that address pressing environmental challenges has placed us in a strong position to capture emerging opportunities in energy storage, and air and water purification. Concurrently, the physical risks of climate change continue to pose considerable risks to our business as extreme weather events can disrupt operations while rising temperatures and water scarcity could adversely affect raw material availability and

Growth in the activated carbon industry

The growth forecast for the global activated carbon industry remains strong. The industry is expected to expand by a CAGR of 5.7% to 2032 driven by increasing stringency in environmental regulations, and applications in air and water treatment.

Technology and cyber security

The advancing digital technology enabled mid-2026. with AI offer opportunities for improving data driven decision making, providing rich insights and access to markets, personalised customer engagement, and improving operational efficiencies. Concurrently, digital integration has also increased our exposure to cyber security risks and threats.

Geopolitics

The prevailing geopolitical landscape continues to present both risks as well as opportunities for the Group. Escalating g conflicts could disrupt supply chains while contributing to volatility in commodity markets. Conversely, India's strong economic momentum and the strategic decoupling of US-China relations offer opportunities for business growth.

Sri Lanka economic outlook

The Sri Lankan economy continued to progress in 2024 supported by broad based recovery across multiple sectors. However, given global headwinds, unprecedented global trade uncertainties and the lingering effects of the crisis, the World Bank projects Sri Lanka's economic growth to moderate to 3.5% in 2025.



Shifts in global trade policy

Recent shifts in US trade policy and retaliatory trade actions by affected economies have led to an escalation in trade tensions and uncertainty which could lead to disruptions in global value chains.

Policy and regulations

Growina environmental consciousness across the world has given rise to increasingly stringent environmental regulations for emissions, water quality and air quality among others. This presents opportunities for the Group given our strategic focus on developing products for energy storage, and air and water purification.

Global economic outlook

Given the implications of shifting US trade policy dynamics, the IMF expects a near-term slowdown in global economic growth. Accordingly, global economic growth forecasts have been revised downward to 2.8% for 2025 compared to an initial forecast of 3.2% in January 2025.

The Group measures the impact of all business, climate related and sustainability related risks by carrying out a qualitative impact assessment of each business risk on its access to finance, cost of capital, financial position, performance and cashflows over the short, medium and long term. This assessment is undertaken on an annual basis and enables the Group to ascertain the residual impact of each risk. This data driven approach to risk management has enabled the development of long-term focused risk management strategies while facilitating operational stability.

Given the integration of sustainability and climate related risk and opportunities into its enterprise risk management framework, the Group applies a uniform approach to identifying and managing its business risks as well as its sustainability and climate related risks and opportunities. This enabled a more holistic approach to risk management during the year under

review while highlighting potential interdependencies among these risks. However, the climate related and sustainability related risks are separately presented on page 69 in the report.

Resource allocation for risk management is typically undertaken by the management and is approved by the Board through the strategic plan and other processes. During the year under review, the Group also enhanced its risk monitoring and management processes through the integration of numerous digital tools.



Derived the net Impact of risks Risk identification, impact of risks after on access to impact assessment, mitigation on access finance, cost of Identification mitigation strategy to finance, cost of capital, financial of mitigation and implications in capital, financial position, cashflows strategies the short, medium position and financial and financial and long term performance performance

BUSINESS RELATED RISKS

D. 1		
Risk	Raw material procurement - R1	Foreign currency risk - R2
Overview	 Adverse impacts on the supply chain of our primary raw material, coconut shell based charcoal remains a key risk driven by fluctuations in coconut crop yields due to adverse weather conditions or other factors and increase in competition. 	 Volatility in exchange rates exposes the Group to transaction risk as its revenue is primarily denominated in US dollars while operational costs are incurred in the currency of each country of operations.
	 The shortage in supplies of our primary raw material, across all source markets led to challenges in sourcing adequate quantities for production while rising prices impacted financial performance. 	
Mitigation strategies	 Coordinated efforts across our global manufacturing footprint and other major coconut producing countries in Asia to obtain adequate supplies. 	 Entered into foreign currency forward contracts based on our foreign currency projections. Forecasted foreign exchange rate
	 Enhanced our raw material procurement teams across all source countries to strengthen collaboration with existing suppliers and expand our supplier network. 	movements and adjusted prices accordingly
	 Leveraged our operational scale to access new raw material sources and commenced backward integration initiatives in Indonesia 	
	 Invested resources to build a local supplier network in proximity to our new manufacturing facility in the Philippines. 	
	 Development of activated carbon from alternative raw materials for specific markets and applications 	
Post-mitigation impact of risk	Disruptions to raw material procurement	Foreign currency risk
on our financial	Access to finance	Financial performance
performance, position and	Cost of capital	Cost of capital
cashflows in the	Financial position	Financial position
short, medium and long term	Cashflows	Cashflows
	Financial performance	Access to finance
	-5 -4 -3 -2 -1 0 1 2 3 4 5	-5 -4 -3 -2 -1 0 1 2 3 4 5
	● LT ● MT ● ST	● LT ● MT ● ST
Link to strategy	Global supply chain	Global supply chain, Market growth
Link to strategy Capitals Impacted	Global supply chain Financial, Natural, Social and Relationship	Global supply chain, Market growth Financial

Risk	Liquidity risk - R3	Interest rate risk - R4
Overview	Financial stress and increased pressure to meet future debt obligations fully and in a timely manner.	A rise in interest rates will lead to increased finance costs adversely impacting financial performance.
Mitigation strategies	 A diversified mix of short- and long-term borrowings in multiple currencies. Monitoring of the Group's liquidity position by its Treasury function. Review and approval of all liquidity policies and procedures by the Board of Directors. Balancing risk-return dynamics when investing short-term excess cashflows. 	 Forecasting interest rate movements to optimise interest costs by balancing the fixed and variable interest components. Negotiate with financial institutions for competitive rates. Diversification of funding across multiple financial institutions. Actively pursue concessionary funding especially for sustainable/green initiatives.
Post-mitigation impact of risk on our financial performance, position and cashflows in the short, medium and long term	Liquidity risk Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Interest rate risk Financial performance Cost of capital Financial position Cashflows Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5
Link to strategy	Global supply chain	Global supply chain, Market growth Innovation led growth
Capitals Impacted	Financial	Financial
impacted		

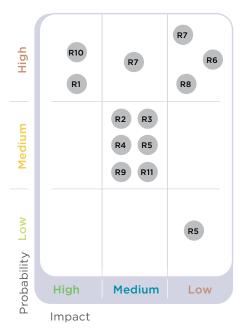
Risk	Credit risk - R5	Compliance risk - R6
Overview	 Implications of bad debts on financial performance and cashflows. 	Increase and changes in regulatory framework posing higher risk of non-compliance resulting in fines, penalties, reputational damage and legal fees.
Mitigation strategies	 Obtained adequate credit insurance wherever possible after assessing the credit risk. Advance payments from customers who cannot be covered by credit insurance. Evaluation of new customers' credit worthiness against the Group's credit policy prior to extending standard payment and delivery terms and conditions. Ongoing monitoring of customer receivables by the Senior Management of Haycarb and the Hayleys Group Management Committee. 	 Ensured alignment with all regulatory requirements across all countries. Ongoing monitoring of the regulatory environment to stay abreast of new developments. Training and awareness on regulatory requirements provided to relevant employees of the Group. Risk assessments were undertaken by the Board and audit Committee on a quarterly basis. Performed internal audits across our operations to assess and ensure compliance with all regulatory requirements.
Post-mitigation impact of risk on our financial performance, position and cashflows in the short, medium and long term	Credit risk Financial performance Cost of capital Financial position Cashflows Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5	Increase in overall regulations and compliance Financial performance Cost of capital Financial position Cashflows Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5
Link to strategy	Global supply chain, Market growth	All
Capitals Impacted	Financial	Financial
Material Topic	M5	M2, M5

Mitigation • Formal records support learning of similar incid. • Regular quality environmental areas for impro	stomer dissatisfaction on on and business retention. s of customer complaints to ng and prevent the recurrence ents. y, contamination, and safety audits to identify	Lapses in quality can lead to customer dissatisfaction, reputational damage, production delays and re-work Robust quality management systems and compliance with numerous certifications including ISO 9001:2015 Quality Management Systems.
strategies support learning of similar incide Regular quality environmental areas for impro	ng and prevent the recurrence lents. y, contamination,	compliance with numerous certifications including ISO 9001:2015 Quality
 Proactively plat to support time delays. Research and of processes to in precision of Podifferent application. Expanded processing customers. 	development to innovate ncrease the efficiency and processions. duction capabilities to fulfill	 Defined clear quality expectations for suppliers. Focused quality-related training for factory employees to ensure procedures are followed to meet quality standards. Undertook root cause analysis of quality related issues to identify underlying causes and proactively implement corrective measures. Periodic quality, contamination, environmental and safety audits to identify areas for improvement and proactively address the same.
on our financial performance, position and cash flows in the short, medium and long term Financial performance Cost of capital Financial performance Cash flows Access to finance -5 -4 -3 -2	2 -1 0 1 2 3 4 5 MT • ST	Issues relating to product quality Financial performance Cost of capital Financial position Cashflows Access to finance LT MT ST
Link to strategy Market growth		Market growth
Capitals Social and relation Impacted	nship, Financial	Manufactured, Social and Relationship, Financial

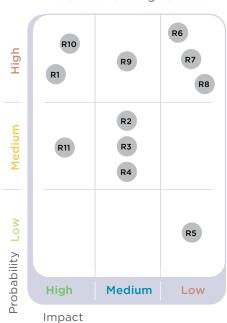
Risk	Geopolitical dynamics - R9	Cyber Security risk – R10
Overview	 Implications on financial performance given escalating trade uncertainties, possible trade sanctions, supply chain disruptions, and exchange rate volatility. 	Adverse implications of cyber threats.
Mitigation strategies	 Geographic diversification across manufacturing, supply chains and markets. Proactive resilience planning and crisis management. Proactively monitored developments and assessed their implications on our business. Increased insurance coverage where necessary. 	 Periodic reviews and authorised revisions to the IT policy, and Information Security Policy. Periodic risk assessments to identify potential vulnerabilities, threats and risks to digital assets with internal resources and bi-annual external audits by a reputed firm. Consistent communication and awareness session of policies to all employees to ensure compliance across the Group. Proactively ensured all operating systems, software and firmware are updated for the most recent security updates. Regular cyber security training and awareness session with latest updates on cyber-attacks including compromising of information systems. Conducted regular data backups and ensured backups were securely stored off-site as per the procedures in place in accordance with the information security policy Continuous monitoring facilitated detection and real-time response to cybersecurity threats. Conducted annual vulnerability testing for all corporate websites hosted on dedicated virtual private servers.
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Geo-political dynamics Financial performance Cost of capital Financial position Cashflows Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5	Risk on Cyber Security Financial performance Cost of capital Financial position Cashflows Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5
Link to strategy	Global supply chain, Market growth	All
Capitals Impacted	Financial, Social and Relationship	Digital
Material Topic	M2, M4, M5, M18	M14, M20

Risk	Increased competition - R11
overview	 Intensifying competition in global markets and its implications on revenue.
	 Rising competition for raw materials has led to an escalation in raw material prices, adversely impacting margins.
Mitigation strategies	 Research and development to evolve our product portfolio to fulfill emerging needs of customers.
	 Utilised digital marketing tools to enhance market reach and support new customer acquisitions.
	 Deeper penetration of existing markets through superior product and service quality.
	 Strengthened the value-added product range with emphasis on emerging applications such as energy storage and water purification.
	 Collaborative partnerships with customers to align innovation with their specific needs.
Post-mitigation	
impact of risk	Increase in competition Financial
on our financial performance,	performance
position and	Cost of capital
cash flows in the	Financial position
short, medium and long term	Cashflows
and long term	Access to finance
	-5 -4 -3 -2 -1 0 1 2 3 4 5
	• LT • MT • ST
Link to strategy	Global supply chain, Market growth
Capitals	Financial

Risk Assessment Short Term



Risk Assessment Medium to Long Term



Impacted

Material Topic

M3,M5, M6, M17, M19 M20

MANAGING OUR SUSTAINABILITY AND CLIMATE RELATED RISKS AND OPPORTUNITIES

UNDERSTANDING OF THE INTERCONNECTIONS THAT EXIST BETWEEN SUSTAINABILITY AND CLIMATE RELATED RISKS, ENABLE A MORE INTEGRATED APPROACH TO RISK MANAGEMENT AND STRATEGY FORMULATION.

As part of our continued commitment to transparency and responsible business practices, we integrated the requirements of IFRS Sustainability Disclosure Standards S1 and S2 into our risk management and corporate reporting processes soon after they were issued in June 2023. This alignment

has strengthened oversight of sustainability and climate related risks and opportunities that may reasonably affect the Group's financial performance, position and cashflows over different time horizons. It has also enhanced our understanding of the interconnections that exist between

sustainability and climate related risks and broader business risks, enabling a more integrated approach to risk management and strategy formulation. This report aims to provide existing and prospective investors, along with other stakeholders, a concise account of how these risks were identified and managed within the Group during the year under review while providing a quantitative assessment of their financial impacts across our planning horizons.

The report is structured around the key themes of governance, strategy, risk management and metrics as defined in the standard.

Governance



Explains the governance processes, controls, and procedures we use to monitor, manage and oversee sustainability and climate related risks and opportunities.

Strategy



Describes our sustainability and climate related risks and opportunities and the strategies we have implemented for its effective management.

Risk Management



Provides information on our processes in identifying, assessing, prioritising and monitoring sustainability and climate related risks and opportunities.

Metrics



Defines the metrics and the targets we have established to determine our performance in relation to our sustainability and climate related risks and opportunities.

GOVERNANCE

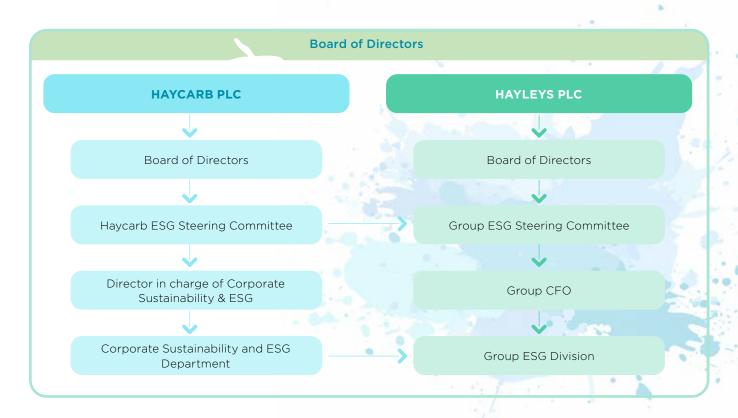
The Group has established a strong governance framework led by the Board of Directors to identify and manage its sustainability and climate-related risks and opportunities.

BOARD OF DIRECTORS

As the apex decision making authority of the Group, Haycarb's Board of Directors holds ultimate responsibility for the management of its sustainability and climate related risks and opportunities. These responsibilities include,

- Developing and implementing a strong governance framework.
- Determining the Group's sustainability strategy.
- Integrating sustainability into the Group's culture.
- Formulating and driving the Group's sustainability strategy.

An Executive Director of the Board formally oversees the identification and management of the Group's sustainability and climate related risk and opportunities, implementing "Activate" - its ESG strategy, and ensuring the Group's sustainability aspirations as articulated in "Activate" is integrated into its strategy and investment decisions.



The Board monitored and reviewed the Group's sustainability and climate related risk and opportunities and its management on a regular basis. Sustainability and climate related risks and opportunities and its effective management was taken up for discussion three times during the year under review.

ESG STEERING COMMITTEE

The Board has delegated the responsibility of identifying, managing and monitoring the Group's material sustainability and climate-related risks and opportunities to the ESG Steering Committee. The Committee's Terms of Reference guides its activities in relation to managing the Group's sustainability and climate related risks and opportunities, The roles and responsibilities of the ESG Steering Committee in 2024/25 included.

- Identifying the Group's sustainability and climate related risks and opportunities.
- Recommending the implementation of appropriate measures to effectively address identified risks and opportunities.
- Reviewing and providing guidance on the Group's sustainability and climate related policies.
- Receiving updates at least quarterly on sustainability and climate related matters including, progress against targets, key performance indicators, and strategy implementation.
- Reviewing its sustainability context and assessing its potential impact on the Group.
- Ensuring alignment of strategy with the Group's sustainability and climate aspirations.

The Managing Director leads the ESG Steering Committee and includes senior management representatives from all key functions of the Group. The Committee is responsible for ensuring that members are equipped with the skills and competencies required to identify and effectively respond to the Group's sustainability and climaterelated risks and opportunities. The Committee received training during the year under review to enhance its competencies in this regard.

The Committee met three times during 2024/25 to evaluate the Group's sustainability and climate related risks and opportunities and its findings were reported to the Board on a quarterly basis.

Through the activities of the ESG Steering Committee, sustainability and climate-related risks and opportunities have been integrated into the Group's strategic planning and risk management process, informing its decisions on significant investments and directing research and development efforts to capture emerging sustainability and climate-related opportunities. Sustainability and climate-related risks and opportunities also play a significant role in shaping the Group's long-term energy strategy even when this involves balancing strategic objectives against short-term financial returns.

CORPORATE SUSTAINABILITY AND ESG DEPARTMENT

The Group's Corporate Sustainability and ESG Department is mandated with actioning its sustainability strategy, "Activate", in collaboration with internal and external stakeholders. The responsibilities of the Department in 2024/25 included,

- Supporting ESG policy formulation in consultation with the Board, ESG Steering Committee, and the Hayleys Group ESG Division.
- Tracking, monitoring, and reporting relevant ESG metrics, and ensuring reliability and comparability of data reported.
- Driving strategic sustainability initiatives.
- Providing feedback to the Board on ESG performance, areas for potential improvement and escalation of immediate concerns.

OVERSIGHT FROM HAYLEYS PLC

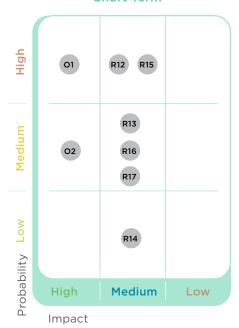
The Group's parent entity, Hayley's PLC also provides oversight of its sustainability and climate related risks and opportunities management processes.

STRATEGY

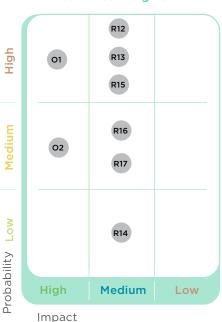
The SASB Standard for Chemicals formed the basis for identifying our sustainability related risks and opportunities while the Industrybased Guidance on Implementing SLFRS S2 and Task Force on Climate Related Financial Disclosures informed the identification of climate related risks and opportunities. We adopted a quantitative double materiality assessment to identify material sustainability and climate related risks and opportunities for 2024/25. The assessment confirmed that the risks and opportunities for the year under review remained consistent with those identified last year. The time horizons considered in ascertaining the financial impacts of these risks and opportunities also remained consistent with last year and are as follows,

- Short term <1 year
- Medium term 1-3 years
- Long term >3 years

Risk Assessment Short Term



Risk Assessment Medium to Long Term



SUSTAINABILITY RELATED RISKS Sustainability Workforce health and safety - R12 Waste Management - R13 related risks Time horizon Risk of accidents and injuries within our Risk of non-compliance with waste premises Work disruption Impact on management regulations in the countries we employee well-being operate in and associated penalties. **Current impact** Financial implications that include higher Penalties arising from non-compliance with on our business health costs, litigation and work disruption. waste management regulations and disposal model and value Implications on employee motivation and chain productivity Reputational Impacts Reputational damage Reputational damage **Future impact** on our business Implications on our relationships with local Challenges in talent recruitment. model and value communities. chain Negative implications on trade union relations. **Post-mitigation Waste Management** Workforce health and safety impact of risk on our financial Access to finance Access to finance performance. Cost of capital position and cashflows in the Financial Financial position short, medium and long term Cashflows Cashflows Financial Financial performance IT MT ST IT MT Our strategic A comprehensive occupational health and Responsible disposal of solid waste. safety policy that applies to all employees response Prioritised minimising, recycling and re-using and outsourced personnel operating within solid waste generated from production our premises. processes. Aligned our processes with international best practice through health and safety certifications including ISO 45001:2018 Occupational Health and Safety Management Systems. A strong safety culture within the organisation (Refer page 160 for more information). **Capitals** Social and Relationship, Financial Natural, Social and Relationship, Financial **Impacted Material Topic** M4, M5, M8, M9, M15, M16, M20 M2, M5, M13, M16, M17

Sustainability related risks	Safety and environmental stewardship of chemicals –	Management of the legal and regulatory environment -
Overview	 Risk of accidents and chemical spills at production facilities. 	 Risk of non-compliance with environmental and social legal and regulatory requirements and associated penalties and reputational damage.
Current impact on our business model and value chain	 Operational disruptions due to accidents and chemical spills at production facilities. 	 Non-compliance with legal and regulatory requirements could lead to fines, penalties and reputational damage, Operational shut down and manufacturing delays.
Future impact on our business model and value chain	Reputational harmChallenges to talent recruitment	 The increasing stringency of regulations governing occupational health and safety, effluent management, chemical and process safety require additional capital investments and process innovations to maintain compliance.
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Safety and environmental stewardship of chemicals Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Management of legal and regulatory environment relating to environment and social factors Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Rigorous safety protocols and procedures for handling, storage and disposal of chemicals. Comprehensive training to employees handling chemicals. Compliance with all regulatory requirements related to chemical safety and environmental protection. Emergency response plans and contingency measures to promptly and effectively handle accidents and chemical spills. 	 Monitored the regulatory landscape to stay up to date on new regulatory developments. Process innovation and capital investments to ensure compliance with all current and anticipated regulatory requirements across business locations. Alignment with voluntary certifications to ensure best practice.
Capitals Impacted	Natural, Human	Natural, Financial
Material Topic	M2, M5, M9, M20	M2, M5, M15

Sustainability related risks	Air quality - R16	Operational safety, emergency preparedness and response
Overview	Risk of non-compliance with regulatory air quality indicators and associated penalties.	 Potential failure to prevent, detect, or effectively respond to operational hazards or emergency situations, which could result in injury, environmental damage, or significant disruption to operations
Current impact on our business model and value chain	 Penalties due to non-compliance with regulatory air quality indicators. 	 Operational disruptions, damage to facilities, reputational harm and increased remediation costs associated with potential explosions, hazardous spills or other emergency situations.
Future impact	Reputational damage	Reputational damage
on our business model and value chain	 Adverse implications on community relations. 	
Post-mitigation impact of risk	Air Quality	Operational safety emergency preparedness and response
on our financial performance,	Access to finance	Access to finance
position and	Cost of capital	Cost of capital
cash flows in the short, medium	Financial position	Financial position
and long term	Cashflows	Cashflows
	Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Financial performance
	• LT • MT • ST	• LT • MT • ST
Our strategic response	Robust mechanisms to minimise the release of harmful gases and particulates into the	Implemented a comprehensive disaster recovery plan across our operations,
	atmosphere.	Emergency response teams at all sites.
	 Frequent air quality monitoring and emission testing. 	Regular training on emergency management including fire safety, medical emergencies
	 Invested in R&D to develop new pollution control technologies. 	and chemical incident handling.
Capitals	Natural, Social and Relationship	Social and Relationship, Human, Financial
Impacted		

Sustainability related Opportunity	Product design for use phase efficiency - 01	Community relations – O2
Overview	 Opportunities for products that enhance material efficiency and lower energy consumption. 	 Opportunity to positively impact the communities we operate in
Current impact on our business model and value chain	 Increasing environmental consciousness has given rise to new opportunities in energy storage carbons and water purification applications. 	 Positive, long-standing relations with the communities we operate in has resulted in a strong social license to operate
	 Opportunities to innovate products that improve energy efficiency, eliminate or lower greenhouse gas emissions, reduce raw material consumption, increase product longevity and reduce water consumption. 	
Future impact on our business model and value chain	Enhance our competitive position in global markets.Improved financial performance.	 Developing positive community relations provides value to Company Image and Brand and a social license for operations in the long term
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Community relations Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Investments in research and development to evolve the product range to capture new opportunities in emerging applications. Develop the product range to enhance use phase efficiency in existing applications. Conducting Product life cycle assessments 	 Emphasis on recruiting from local communities creating employment opportunities. Local procurement creating economic opportunities for local communities. Complied with all social and environmental regulations to minimise negative implications on local communities. Long-term focused CSR initiatives that address community needs (Refer page 160 for more information)
Capitals Impacted	Social and Relationship, Financial	Social and Relationship
Material Topic	M3, M4, M5, M6, M19	M5, M7, M11, M16, M19

Climate related risks	Greenhouse gas emissions - R18	Energy management - R19
Overview	Rising focus on GHG management may lead to tighter emission rules	 Implications of stricter emission regulations on our energy mix, Energy security and resilience.
Transitional/ Physical	Transition risk	Transition risk
Current impact on our business model and value chain	 Investments to decarbonise our operations. Investments to promote green charcoaling practices within the supply chain. Investment for renewable electricity generation 	 Trade-offs in the use of energy sources taking into consideration cost, reliability of supply, related water use and air emissions. and regulatory compliance.
Future impact on our business model and value chain	 Increasing stringency in emission regulations may lead to additional costs and investments to reduce GHG emissions generated from our operations. Supply chain pressure 	 Implications on operating efficiency and risk profile. Expand renewable energy generation and consumption
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Financial performance Cashflows Financial position Cost of capital Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5	Energy Management Financial position Cost of capital Access to finance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Investments in renewable energy. Focused efforts to improve the energy 	An energy strategy that emphasises renewable energy sources.
	efficiency of our operations.	 Installation of roof solar and floating solar panel projects in Factories at Sri Lanka and Thailand respectively Consistent emphasis on increasing the energy efficiency of our operations. Waste Heat Recovery Captured and repurposed waste heat generated during manufacturing to support and power various stages of the production process.
Capitals Impacted		panel projects in Factories at Sri Lanka and Thailand respectively Consistent emphasis on increasing the energy efficiency of our operations. Waste Heat Recovery Captured and repurposed waste heat generated during manufacturing to support and power various

Climate related risks	Water management - R20	Vagaries in weather patterns - R21
Overview	 Disruptions to operations due to water scarcity, Non-compliance with water quality regulations 	 Implications on supply chain and operational continuity.
Transitional / Physical	Physical	Physical
Current impact on our business	 Investments to align our operations with effluent discharge regulations. 	 Implications on supply chains given our reliance on agricultural inputs.
model and value chain	 Investments to promote sustainable water consumption within our operations. 	 Disruptions to operations and distribution of products.
Future impact on our business model and value chain	 Disruptions to operations due to water scarcity. 	 Strengthen reputation and retain our social license to operate.
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Vagaries in weather patterns Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Investments in rainwater harvesting and water recycling initiatives. Emphasis on improving the water intensity of our operations. Enhanced our understanding of our water footprint to drive focused water management initiatives. (Refer Natural Capital page 125 for more information). 	 Insurance coverage across the Group. Emergency preparedness at all manufacturing locations. Flood management plans for all locations. Monitor weather forecasts to increase the accuracy of projections related to raw material availability.
Capitals Impacted	Natural	Natural, Financial
Material Topic	M5, M7, M15, M16	M1, M4, M5, M16, M20

Climate related risks	Regulations - R22	Reputation - R23
Overview	 Increased regulations related to energy management and emissions. 	 Growing stakeholder concerns regarding climate implications of the business
Transitional / Physical	Transition risk	Transition risk
Current impact on our business model and value chain	 Investments to align our operations with national decarbonising plans. 	 Operational and supply chain implications arising from increasing stakeholder focus on the climate implications of businesses.
Future impact on our business model and value chain	 Investments arising from Increasing stringency in energy and emissions related regulations. 	Reputational damage.
Post-mitigation impact of risk on our financial performance, position and cashflows in the short, medium and long term	Management of legal and regulatory environment relating to environment and social factors Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Reputation Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Proactive Regulatory Engagement: Maintained ongoing dialogue with regulators and policymakers to stay informed of evolving environmental policies and legislative developments. Robust Compliance Framework: Upheld strong internal policies and controls, complemented by regular risk assessments to ensure full compliance with all applicable regulatory requirements. Transparent Environmental Reporting Strategic Investment in Expertise: Continued investment in legal and regulatory expertise to navigate the complexities of dynamic environmental regulations. Continuous Improvement and Innovation 	 A strategic approach to managing our environmental and social impacts through "Activate". Bi-annual disclosures on performance against goals through the Haycarb Sustainability Report. Voluntarily aligned corporate reporting with numerous global and local sustainability standards. Aligned our processes with international best practice through certifications.
Capitals Impacted	Natural	Social and Relationship, Financial
Material Topic	M2, M5	M3, M5, M6, M8, M10, M17, M19

Climate related Opportunities	Air purification - 03	Energy storage carbons - 04
Overview	 Opportunities arising from stricter air quality regulations on industrial emissions 	Opportunities driven by the growing demand for energy storage to support renewable energy adoption
Current impact on our business model and value chain	 Increasingly stringent regulations on the air quality emitted from industrial activity presents opportunities to expand revenue streams and strengthen our global competitive position 	 Increasingly stringent regulations on the air quality emitted from industrial activity presents opportunities to expand revenue streams and strengthen our global competitive position
Future impact on our business model and value chain	 Opportunities to strengthen our competitive position in global markets. Improved financial performance 	 Opportunities to strengthen our competitive position in global markets. Improved financial performance.
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Air purification Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	Energy storage carbons Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5
Our strategic response	 Engage in research and development to evolve our products and processes in line with emerging applications. Strategic focus on increasing penetration in emerging applications 	 Engage in research and development to evolve our products and processes in line with emerging applications. Strategic focus on increasing penetration in emerging applications
Capitals Impacted	Social and Relationship, Natural	Social and Relationship, Natural
Material Topic	M2, M5,M6, M8, M9, M11, M15	M3, M5, M6, M10

Climate related risks	Water purification - Os	
Overview	 Opportunities stemming from increasingly stringent regulations on the water quality released from industrial activity. 	
Current impact on our business model and value chain	 Rising regulatory requirements related to water quality presents opportunities for deeper market penetration and improved financial performance. 	
Future impact on our business model and value chain	 Opportunities to strengthen our competitive position in global markets. Improved financial performance 	
Post-mitigation impact of risk on our financial performance, position and cash flows in the short, medium and long term	Water purification Access to finance Cost of capital Financial position Cashflows Financial performance -5 -4 -3 -2 -1 0 1 2 3 4 5	
Our strategic response	 Engage in research and development to evolve our products and processes in line with emerging applications. Strategic focus on increasing penetration in emerging applications 	
Capitals Impacted	Natural	
Material Topic	M2, M5, M7	

Risk Assessment Short Term



Risk Assessment Medium to Long Term

