



**alspec**<sup>®</sup>  
EVERYTHING ALUMINIUM  
& HARDWARE

Sustainability Report 2024



Mornington Peninsula, VIC  
Photography: Michael Kai Photography

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# Acknowledgement of Country

*Alspeg would like to acknowledge the traditional custodians of the lands on which our commercial activities occur, the Aboriginal and Torres Strait Island peoples, and we pay our respects to their elders past and present.*





# Executive Summary

The inaugural Alspec Sustainability Report marks an important step in formally articulating Alspec's commitment to sustainable practices across its operations and throughout the aluminium value chain. As a leading extruder and distributor in the downstream Australian aluminium value chain, Alspec is committed to making a meaningful impact on sustainability efforts and contributing to a more sustainable built environment in Australia. This principle aligns to Alspec's vision of creating a future where we are in every space.

A cornerstone of our commitment to sustainability is the introduction of GreenCore®, our new range of low-carbon aluminium. This innovation sets a new industry standard and offers our customers a quantifiably greener choice, aligning with our broader sustainability objectives without compromising on Alspec quality or performance.

Alspec is pleased to report that we have initiated the process to create an Environmental Product Declaration (EPD) for our GreenCore range of products. It is anticipated this EPD will be issued by the end of this calendar year.

Our inaugural sustainability report offers a comprehensive, future-focused vision for Alspec's sustainability initiatives, recognizing the sustainability potential of aluminium across various industries and its significance in Australia's transition to a greener economy.

This report provides an overview of our supply chain, focusing on the group's plans for ethical sourcing and sustainable production and distribution.

As a high intensity energy user, energy efficiency is another key aspect of our business that we intend to drive positive change. This report details initiatives throughout Alspec's operations to conserve energy and reduce our overall environmental impact. A dedicated section will introduce our newest product offering - Alspec Solar - outlining its inception and the benefits it aims to bring to both Alspec and the broader manufacturing and extrusion sector across the country.

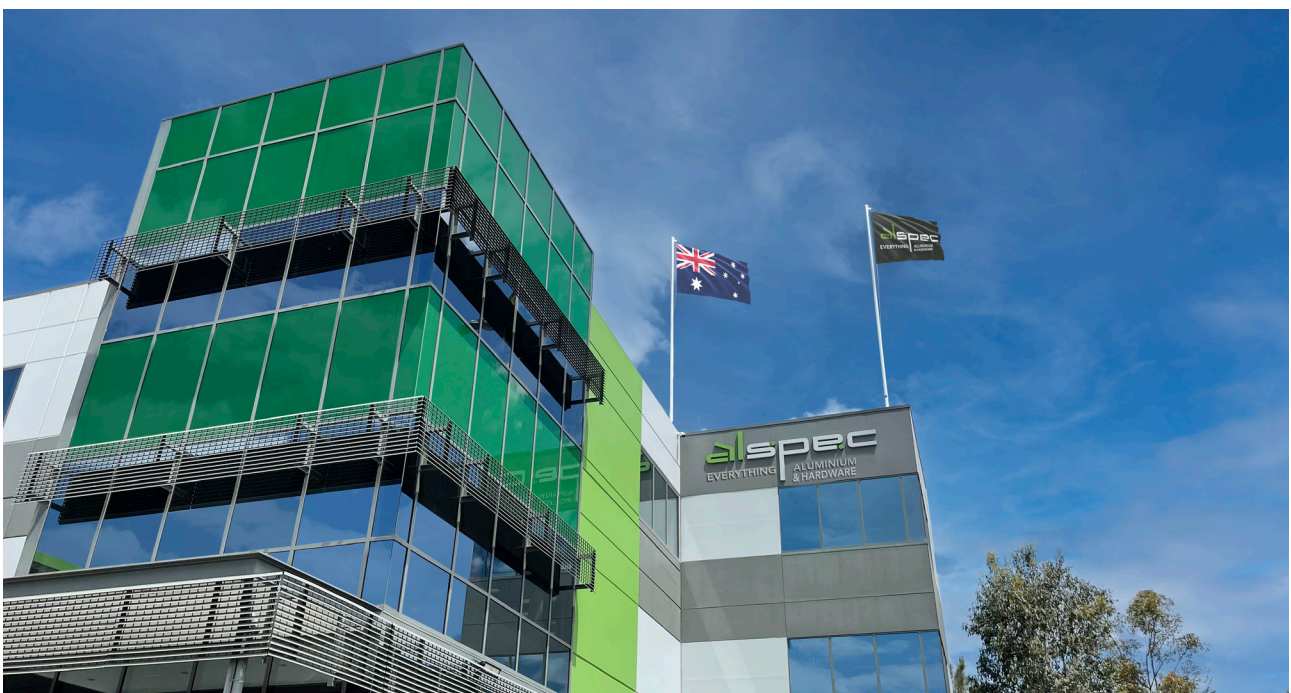
This report is designed to equip stakeholders with the information needed to understand Alspec's commitment to sustainability and planned sustainability initiatives throughout our business.

# About Alspec

Alspec is a leading national provider of aluminium systems and occupies a significant position in the aluminium value chain—a sector that is instrumental in the effort to reduce global emissions. Alspec equips architects, fabricators, builders, and renovators with a comprehensive range of aluminium systems and products for commercial, residential, home improvement, and industrial applications. By virtue of this extensive reach throughout the building and construction industry, we recognize that Alspec is well-positioned to drive broad positive change in Australia’s built environment.

In 2024, Alspec proudly celebrates its 50th year anniversary as a pioneering manufacturer and distributor of specialized aluminium systems in Australia. Since our inception, we have been at the forefront of innovation and excellence in the industry, continuously expanding our product offerings and enhancing our services to meet the evolving needs of our clients. Our dedication to quality, sustainability, and customer service has established Alspec as a trusted partner in the construction sector, contributing significantly to the shaping of Australia’s architectural landscape.

Throughout our history, Alspec has not only been committed to delivering superior aluminium solutions but also to fostering sustainable practices within our operations and the wider industry. Our approach to sustainability is embedded in every aspect of our business, from the development of energy-efficient products to our efforts in minimizing the environmental impact of our manufacturing processes. As we mark this milestone anniversary, Alspec reaffirms its commitment to innovation, excellence, and sustainability, aiming to set new standards in the aluminium industry for years to come.



# Message from our CEO and Managing Director, Paul Nakhle

As we release Alspec's inaugural Sustainability Report, I am filled with a sense of anticipation and excitement for the journey that lies ahead. This is a pivotal moment for Alspec, as we formalize our commitment to contributing to a more sustainable and diverse Australian economy.

Aluminium stands at the forefront of sustainable materials, offering unparalleled versatility and recyclability. Its role in shaping a greener future cannot be overstated, and at Alspec, we are proud to be part of this transformative journey. Our national footprint puts us in a unique position to make a significant impact across the industry. With an extensive customer base in the building and construction sectors, we are well-placed to drive change where it matters most.

I am particularly excited to introduce GreenCore®, our range of low-carbon aluminium. This groundbreaking innovation is a testament to Alspec's unwavering commitment to environmental excellence. GreenCore® sets a new industry benchmark with its low carbon intensity, offering our customers a quantifiably greener choice without compromising on quality or performance.

This report outlines our future-focused sustainability initiatives, designed to align with the needs and expectations of our diverse stakeholder base. As we move forward, we are committed to ethical sourcing, energy efficiency, and waste reduction, among other key areas. We are also excited to introduce Alspec Solar, a testament to our commitment to renewable energy and a sustainable future.

I invite you to join us on this exciting journey as we strive to make a meaningful contribution to Australia's sustainability goals. Together, we can build a future that is not just profitable, but also responsible and enduring.

Sincerely,



Paul Nakhle



















CEO and Managing Director, Alspec





Tallgum House, Doonan, QLD  
Photography: Aimee Dodge Photography

# Our Business

SUPPLY CHAIN	OPERATIONS	LOGISTICS
 <p>Aluminium from <b>LOW CARBON</b> suppliers, well below Global averages</p>  <p>More than 50% of local Alspec extrusion is <b>8kg CO2/1kg Al</b></p> <p><b>10%</b> of aluminium comes from overseas</p> <p><b>50%</b> of this is recycled</p>	 <p><b>ALSPEC SOLAR</b> integration on all branches</p>  <p>Built to comply with <b>SUSTAINABLE OPERATIONS</b> footprint</p>  <p>Phasing out <b>FOAM PACKAGING</b></p>  <p>Developing a national <b>RECYCLING PROGRAM</b></p>	 <p><b>50+</b> Euro V trucks</p>  <p><b>HYBRID</b> company cars</p>  <p>Route <b>OPTIMISATION</b></p>
PRODUCTS		PEOPLE
 <p><b>HIGH PERFORMING SYSTEMS</b> to reduce building emissions</p>  <p><b>WE RECYCLE</b> all scrap and offcuts</p>  <p>Closed loop systems on our paintlines with <b>NO TRADE WASTE</b></p>	 <p><b>1000+</b> customers</p>  <p><b>\$500k</b> FY23/24 community investment</p>	 <p><b>744</b> employees</p>  <p><b>17%</b> women</p> <p><b>WOMEN REPRESENT</b></p>  <p><b>6%</b> warehouse, distribution, paintline</p>  <p><b>28%</b> office</p>

# Our Commitment to the UN's Sustainability Development Goals

Alspec has committed to six of the United Nations' Sustainable Development Goals which will keep our practices, policies, and plans ahead of global sustainability standards.

In making these commitments, Alspec enshrines its dedication to supporting a healthy and safe work environment, becoming a leading innovator in the aluminium and solar spaces, and transcending building industry standards through manufacturing low-emissions products.



**SUSTAINABLE DEVELOPMENT GOALS**

# VISION

Create a future where  
we are in every space.

# MISSION

World class in  
aluminium design,  
distribution and service.

# VALUES

## R.E.S.P.E.C.T

### Resilience

- Instead of finding reasons to fail, we seek reasons to succeed.
- We seek support from others as we cannot always succeed alone.
- We take criticism constructively and not personally.

### Excellence

- Excellence is not just a value but a discipline and way of life in Alspec.
- We relentlessly seek ways to improve and perfect all that we do.
- Accepting challenge without fear.

### Safety

- Keeping our people and others safe is the Alspec way of life.
- Safety will always be our first filter to stop doing anything that compromises it.
- Execution of everything safely comes first, comes second and comes third.

### People

- We communicate effectively, openly and honestly.
- We listen to each other and share the right of opinion.
- We share in responsibility, success, support and a strong sense of family and community.
- We provide careers opportunities not employment through continuous training and development programs.

### Environment

- Ensure open and transparent dialogue on what we do and why environmentally.
- Lead industry competence in the reduction of our carbon footprint by embracing continuous environmental business improvement initiatives.
- Eliminate non-biodegradable waste through recycling initiatives.
- Measure our impact positive and where relevant negative impact.

### Customer

- We aim to exceed our customer's expectations.
- Customer loyalty must always be earned and never expected.
- We commit to and deliver to promise.
- We all exist to service the needs of our customer both internal and external.

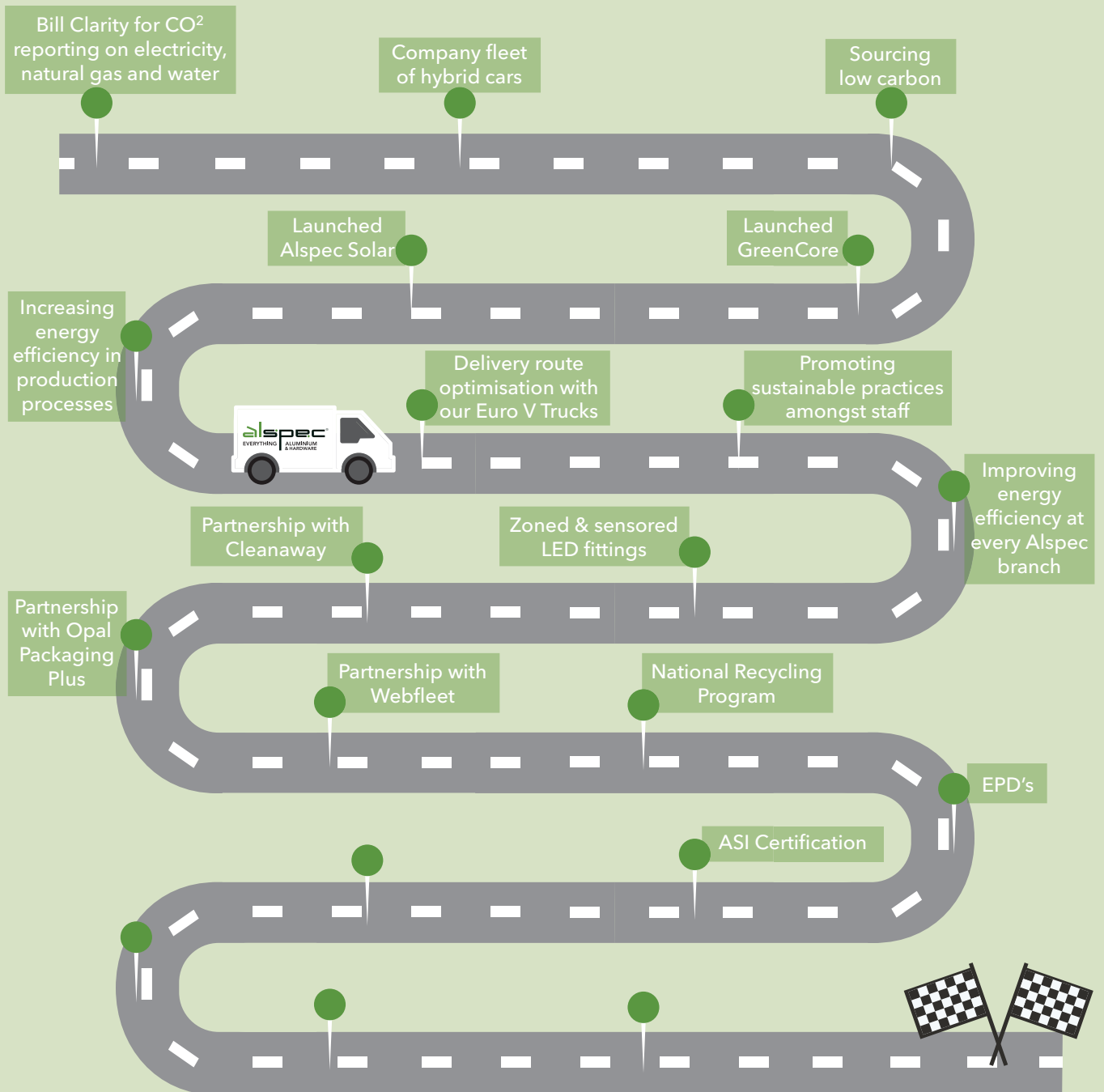
### Trust

- We act with absolute uncompromised honesty and integrity.
- We abide by or exceed relevant all industry legislation and product standards.
- We will always adhere to the rule of law.
- We accept responsibility for our actions.

OUR COMMITMENT IS TO BE

# NET-ZERO

BY 2030



# The Role of Aluminium in a Sustainable Economy

## A focus on Alspec

*It is crucial to acknowledge the broader context of aluminium's role in fostering a sustainable economy. As a leading player in the downstream Australian aluminium value chain, Alspec's commitment to sustainability is not just an organizational goal but a reflection of the inherent advantages of aluminium as a material.*

### Versatility Across Industries

Aluminium stands out in various sectors, from automotive to aerospace, but shines particularly in building and construction for its lightweight, strength, and recyclability. Alspec capitalizes on these attributes, offering bespoke aluminium solutions that advance sustainability across construction projects.

Our commitment is to harness aluminium's versatility to foster eco-efficient structures that blend functionality with environmental stewardship. Alspec's vision extends beyond mere product supply; it's about embedding sustainability into the fabric of modern construction, showcasing aluminium as essential for eco-friendly design and innovation.

### Energy Efficiency and Emission Reduction

Aluminium's lightweight nature and high strength-to-weight ratio contribute to energy savings, especially in transport applications. Alspec's ongoing initiatives in energy conservation align with aluminium's intrinsic energy-efficient properties, further reducing the overall environmental impact.

### Recyclability: A Circular Economy

Aluminium can be recycled infinitely without any degradation in quality. This is a unique attribute that sets it apart from many other materials, which often suffer from a loss of structural integrity or quality upon recycling. This means that aluminium products can be melted down and reformed into new products repeatedly, reducing the need for virgin aluminium and thereby conserving natural resources.

Recycling aluminium consumes only 5% of the energy required to produce the same amount of new (virgin) aluminium. This significant energy saving translates into reduced greenhouse gas emissions, aligning with Alspec's broader sustainability objectives and Australia's national goals for emission reduction.



Jolley Farm, Tonimbuk, VIC  
Photography: Estate Imagery

# Our Projects

Alspec takes great pride in its capacity to deliver high-quality products for a diverse range of construction projects across Australia.

## Education



Trinity Lutheran College, Molendinar, QLD  
Photography: Burling Brown and Rix Ryan Photography

## Hospitals



East Tamworth Medical Centre, NSW  
Photography: Formline Group



Aged Care

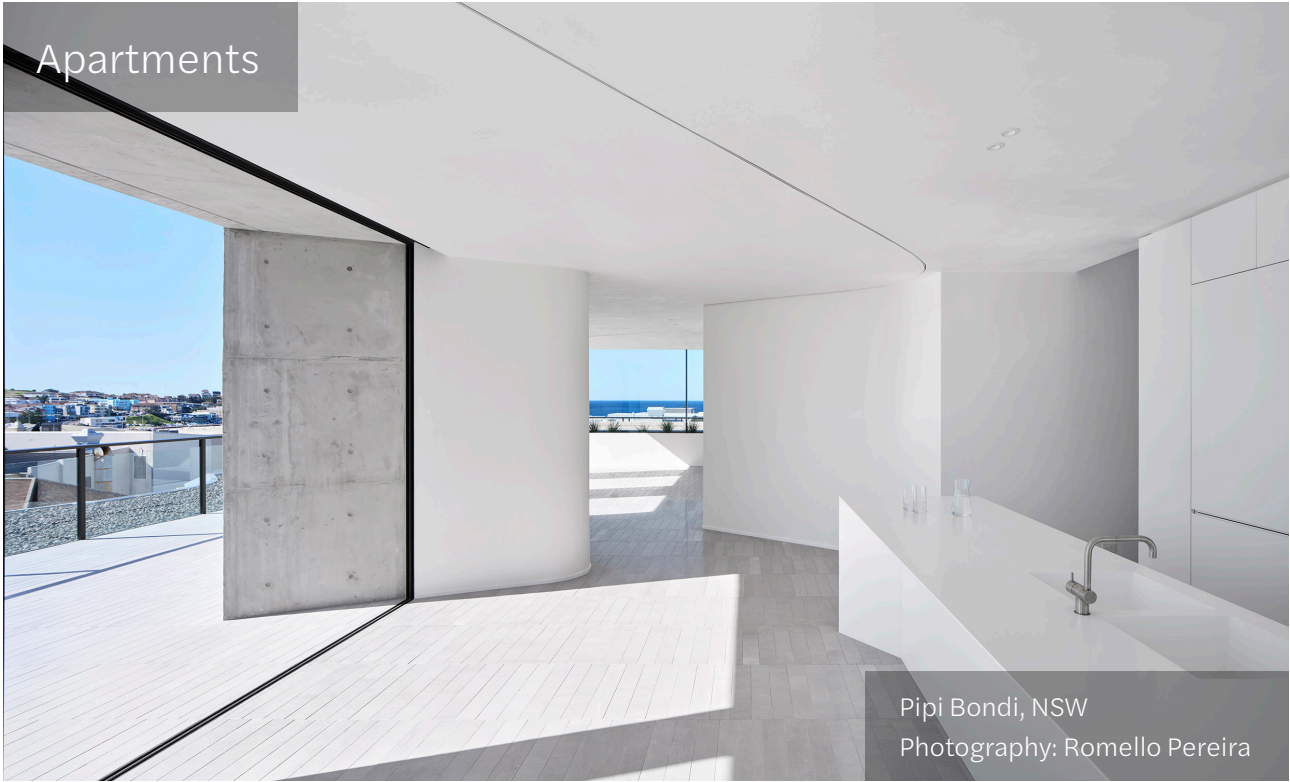


Anglicare Woollooware Shores, Taren Point, NSW  
Photography: Tom Ferguson Photography

Hotels



Dorsett Gold Coast Hotel, QLD  
Photography: Troy Sanders

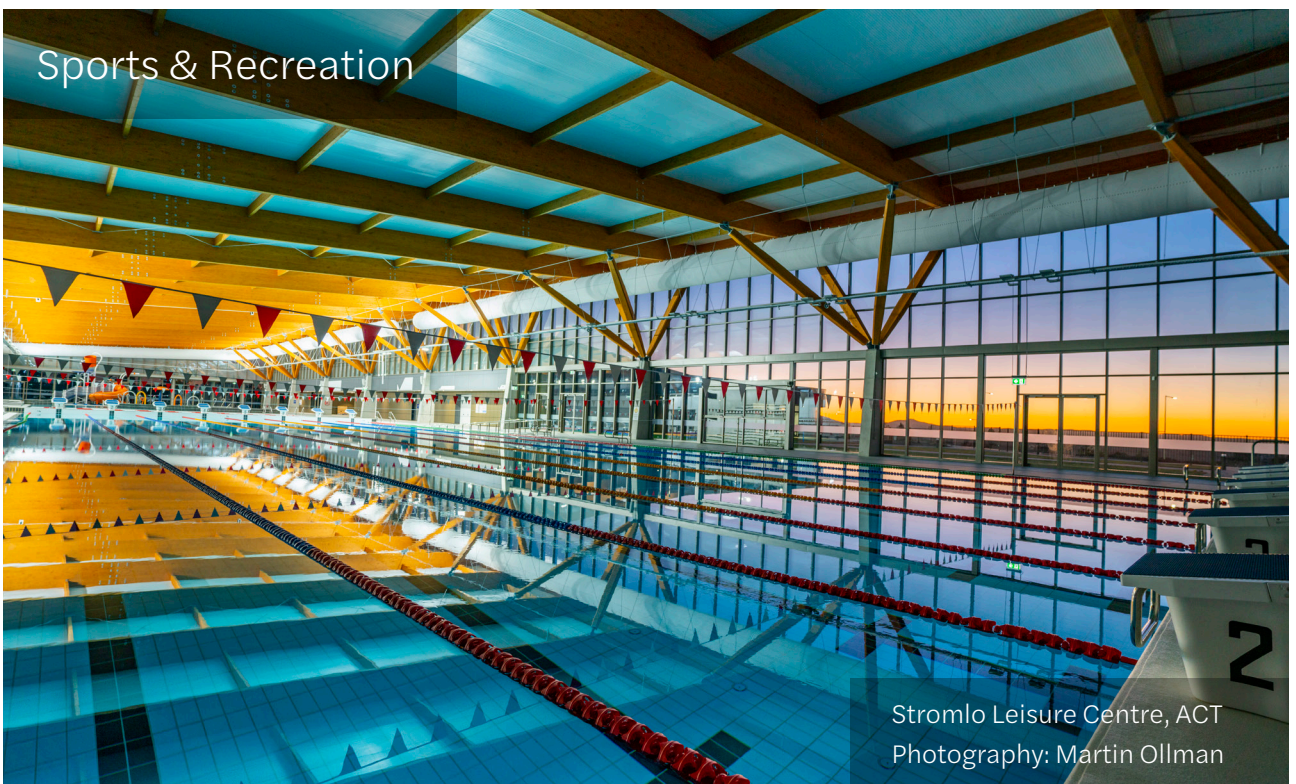


Arts & Culture



Stanhope Anglican Church, NSW  
Photography: Vashner Muhi

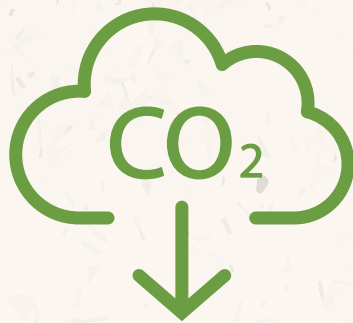
Sports & Recreation



Stromlo Leisure Centre, ACT  
Photography: Martin Ollman

# GREENCORE®

## Low Emissions Aluminium



### Overview

GreenCore Aluminium is a pivotal development in Alspec's product portfolio, designed to meet the increasing demand for sustainable building materials. This section provides a comprehensive overview of GreenCore's attributes, its low-carbon metrics, and its role in contributing to a more sustainable built environment across Australia.

### Carbon Metrics: A Benchmark in Sustainability

GreenCore sets an industry standard with a carbon intensity of 8kg CO<sub>2</sub>e per kg of aluminium. This metric is a testament to Alspec's dedication to improving the sustainability of aluminium.

Alspec seeks to go further, by delivering to market our Ultra GreenCore product line, with a carbon intensity of just 4kg CO<sub>2</sub>e per kg of aluminium – one quarter of the average carbon intensity for aluminium of 16kg CO<sub>2</sub>e per kg of aluminium.

### The Essence of GreenCore

GreenCore is not merely a product; it is a strategic initiative that aligns with Alspec's commitment to environmental sustainability. The product's reduced carbon footprint is inherent, extending throughout its entire composition, offering a sustainable choice without compromising on technical excellence.

### Environmental Impact

GreenCore Aluminium offers a material choice that actively reduces greenhouse gas emissions. Its alignment with stringent environmental regulations makes it a future-proof choice for projects seeking to specify for a sustainable build.

**ULTRA GREENCORE®**

## Product Availability

GreenCore specifications are available across Alspec's extensive range of commercial window and door systems, thus providing architects, builders, and developers with viable, sustainable alternatives.

Our GreenCore® range extends across all commercial window and door systems, ensuring a sustainable yet high-performance solution for your architectural needs, including:

Hawkesbury Top Hung Sliding Door	EvoPlus Double Hung
Hawkesbury Multi-Fold Door	Derwent Framing
ProGlide Sliding Door	McArthur Evo Framing
ProGlide UltraFlat	ecoFRAMEplus
Altitude Sliding Door	Hunter Evo
Altitude Sliding Window	ecoWALL 225
Swan Evo	Hastings
Torrens Door	Sub-Heads and Sub-sills
Air-Flo Plus Louvres and Framing	45mm Display Suite
ProVista Sashless Double Hung Window	Opal Suites
View-Max Sliding Window	Diamond Suites
ProTilt Awning/Casement Window	ThermAFrame (all suites)
Awnings	

## Conclusion

GreenCore Aluminium is an integral part of Alspec's commitment to sustainability and environmental stewardship. It offers our customers a quantifiably greener choice, contributing to the development of more sustainable buildings across Australia.

# Recycling, Waste and Energy

## Packaging & Consumables



### Materials in our value chain

Alspec is committed to advancing its packaging standards to drive sustainable outcomes throughout the aluminium value chain.

While most of the materials used by Alspec in our packaging are fully recyclable, we are acutely aware of the environmental challenges associated with Polyethylene and Polypropylene and in response have commenced active steps to source more sustainable alternatives to these plastics. Further to this, Alspec has commenced transitioning from timber to cardboard bases for our case making and replacing recyclable plastics with brown kraft paper.

Alspec's partnership with Opal Packaging Plus is a key element of our sustainability strategy. Opal's commitment to using 100% recycled materials in their paper and cardboard manufacturing aligns with our vision for a circular economy. These initiatives align with our commitment to driving sustainable outcomes throughout the aluminium value chain.



## Comprehensive Waste Strategy



### Alspec & Cleanaway Partnership

We manage a variety of waste streams, including general, organic, and specialized waste like aluminium and hazardous water. Recognizing the complexity of these waste categories, we have sought to deliver a comprehensive, national waste strategy to consolidate the waste management practices of our national operations. Alspec recently entered into a strategic partnership with Cleanaway to deliver our national waste management strategy.

Alspec's collaboration with Cleanaway allows us to implement a comprehensive waste management plan that goes beyond waste disposal. It includes on-site education for all staff, waste audits to identify areas for improvement, and an online dashboard to provide real-time waste stream reporting.

We are committed to ensuring our teams have access to the resources they need for ongoing education in waste management and sustainability practices. As such, we are pleased to deliver Cleanaway's online learning portal – Greenius, to all our staff as part of our commitment to continuous learning and best practice across the industry.

With the full implementation of our waste management plan, we expect to see a substantial increase in our recycling rates and a reduction in waste going to landfill. Furthermore, Alspec has implemented a paintline acid reduction program, which not only reduces water waste but also enhances the overall effectiveness of treating this waste.

# Energy Management

Alspec takes a multi-faceted approach to energy management, utilizing a mix of electricity, gas and rooftop solar PV across our facilities. Currently, we have 500 kW of installed Alspec Solar PV-generated electricity, with significant future installations planned across our network. In addition to solar energy, our energy mix includes purchased electricity, natural gas, bottled LPG, and water.

In the last financial year, our energy consumption totalled 3,311,552 kW-hours and 29,335,426 Megajoules. Total solar output was at 549,923 kW-hours, representing 16% of Alspec's energy consumption derived from renewable energy sources. To better manage and monitor our consumption, we have conducted energy audits across all Tier 1 Alspec sites. These energy audits are complemented by real-time energy analysis through Bill Clarity, an online platform that provides national energy consumption data and helps us determine our usage more effectively.

Our commitment to energy efficiency extends to specific initiatives aimed at reducing our energy footprint. Alspec Solar, our dedicated division for the solar market, offers full renewable energy solutions to other industrial partners. We are also exploring the feasibility for electrification of machinery across our facilities including electric forklifts and a paintline oven powered entirely by electricity.

# Comprehensive Carbon Accountability

## CO2 Reporting & Data Collection

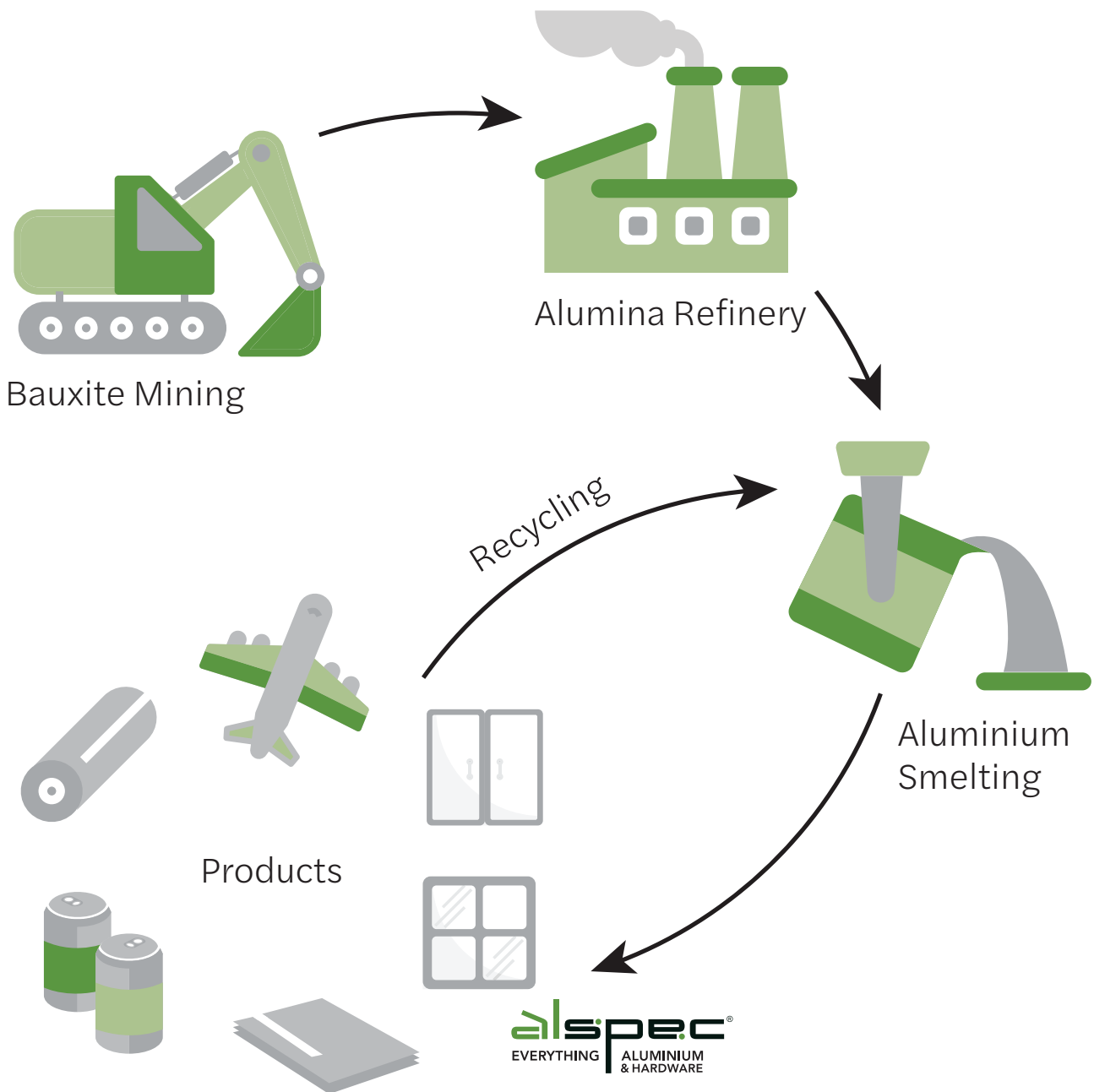
Alspec adopts a comprehensive and methodical approach in monitoring and controlling its carbon footprint, emphasizing the importance of transparency and the utilization of actionable data. Our CO2 emissions are classified into various scopes, each representing a different aspect of our environmental footprint. This categorization enables us to have a detailed and multi-dimensional understanding of our impact, facilitating targeted strategies for reduction and management.

In pursuit of this goal, we employ advanced tracking systems and tools that provide real-time data on emissions, energy usage, and resource consumption. This data is analyzed to identify key areas where improvements can be made, whether in manufacturing processes, supply chain logistics, or office operations. Our commitment extends to engaging with suppliers and partners who share our vision of sustainability, ensuring that our entire value chain contributes positively to our environmental goals.

Moreover, Alspec is actively investing in sustainable technologies and practices. This includes adopting renewable energy sources, improving energy efficiency in our facilities, and exploring innovative materials that have a lower carbon footprint. By integrating sustainability into every facet of our operations, we aim not only to minimize our environmental impact but also to set new industry standards for ecological responsibility.



# Lifecycle of Aluminium



## Fast Facts

- Australia is the world's largest producer of bauxite
- Australia is the world's second largest producer of aluminium
- Under the 1.5 degree scenario, the aluminium sector must reduce its GHG emissions from over a billion tonnes of CO<sup>2</sup> to around fifty million tonnes by 2050. This is <1/20 of current emissions.

# Emission Sources

## Scope 1 Emissions: Direct Contributions

Alspec's direct emissions primarily originate from our fleet of company-owned trucks and vehicles, alongside the operations within our facilities. To ensure precise tracking and management, we employ the advanced 'Fleet-plus CO2' reporting system for our vehicular emissions. This system enables us to monitor and analyze the carbon footprint of each vehicle, facilitating targeted strategies for emission reduction.

For our facilities, we utilize the 'Bill Clarity & Waste Stream Dashboard' reporting tools. These tools provide comprehensive, real-time data on energy consumption and waste generation, allowing us to identify and implement efficiency improvements effectively.

## Scope 2 Emissions: Indirect Energy Sources

Our indirect emissions, emanating from all purchased energy, are tracked using the Bill Clarity system. This approach guarantees accurate data collection and analysis, enabling us to assess the carbon impact of our energy usage. This assessment is crucial in formulating strategies to shift towards cleaner, renewable energy sources and improve overall energy efficiency.

## Scope 3 Emissions: Other Indirect Contributions

For other indirect emissions, which encompass a range of activities including but not limited to supply chain operations, product lifecycle, and employee commuting, we are committed to providing detailed information following consultations with relevant departments. These consultations are aimed at gaining a comprehensive understanding of these emissions and developing effective measures to address them.

# Total Emissions

In the last fiscal year, our total CO2 emissions were as follows:



# Emission Reduction Goals

Alspec is committed to a long-term goal of becoming carbon neutral by 2030. This overarching objective serves as a guiding principle for all our sustainability initiatives, including those in energy management and waste reduction.

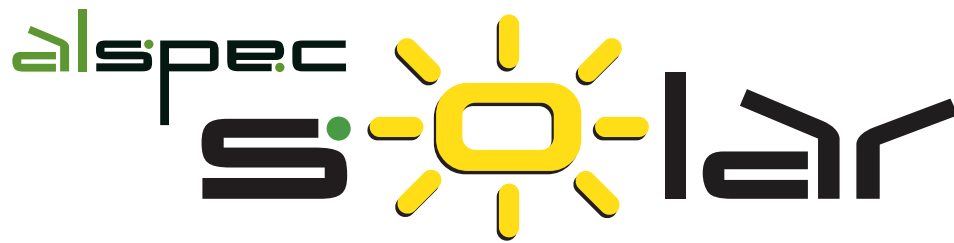
By categorizing and closely monitoring our emissions, we are laying the groundwork for targeted interventions that will help us achieve our carbon neutrality goal. This data-driven approach ensures that our sustainability efforts are not just aspirational but grounded in measurable outcomes.



Ewingsdale Residence, QLD  
Photography: Julie Lowe Photo & Film



Alspec Solar  
Alspec Place, Eastern Creek



## A Strategic Initiative in Renewable Energy

### Introduction

Alspec Solar represents a significant milestone in our journey towards sustainability. Leveraging Alspec's existing capacity for aluminium building systems, Alspec Solar aims to redefine renewable energy solutions across the industrial supply chain. This section delves into the specifics of this strategic partnership and its implications for Alspec's sustainability objectives.

### Implementation at Alspec Facilities

Alspec's Sydney Headquarters and Distribution Centre are the inaugural sites for the integration of advanced solar panel technology, initiating a significant nationwide project. The installation process at these key locations was carried out with utmost care, particularly focusing on preventing roof damage and maximizing energy generation efficiency. Following this successful model, Alspec is excited to extend this solar panel installation to all its facilities across the country.

This comprehensive implementation underscores our commitment to environmental sustainability and enhances our energy independence. Each Alspec facility, from urban sites to regional offices, will be fitted with state-of-the-art solar panels, customized to suit the specific energy needs and architectural designs of each site. This move marks a significant step in Alspec's journey towards reducing its environmental impact and sets a new standard for renewable energy adoption within the industry.

## Strategic Objectives

In response to the escalating electricity costs impacting operations such as aluminum processing, cutting, and powder-coating, Alspec Solar is strategically positioned to alleviate these economic pressures through the adoption of photovoltaic (PV) technology. This initiative is not only aimed at reducing costs for Alspec but also at extending these benefits to other industrial customers grappling with similar financial challenges.

## Market Impact

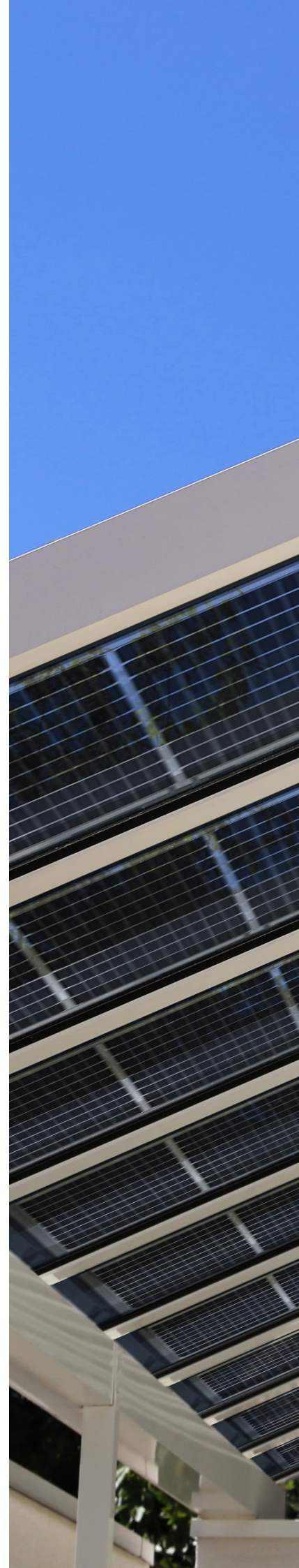
The introduction of the Galaxy Series solar panel, a cutting-edge product in the building-integrated photovoltaic (BIPV) market, has garnered considerable interest from commercial customers. This innovative product is a significant addition to Alspec's existing portfolio of commercial and industrial solutions, offering a synergistic blend of energy efficiency and industrial utility.

## Leveraging Alspec's Fabricator Network

Recognizing that our broad network of fabricators are also significant energy consumers, Alspec is seizing a unique opportunity to foster sustainability beyond our direct operations. The launch of Alspec Solar represents an initiative to leverage this expansive network, promoting broader adoption of solar PV technology. This strategy not only enhances the reach and impact of Alspec Solar but also confronts the energy-intensive challenges of our fabricator partners. It creates a synergistic relationship that supports both economic and environmental sustainability.

## Future Outlook

Alspec is committed to enhancing energy efficiency across various industrial sectors. This focus on sustainable practices aligns perfectly with our overarching sustainability goals and paves the way for a future where environmental stewardship and business growth go hand in hand. Such a direction not only reflects Alspec's dedication to eco-friendly practices but also signals a shift in the industry towards more sustainable operational models.





# Health, Safety and Wellbeing

## A Pillar of Alspec's Sustainability Commitment

### Beyond Zero: A Proactive Approach to Safety

At Alspec, our commitment to sustainability extends to the health, safety, and wellbeing of our workforce.



Our “Beyond Zero” initiative underscores the importance of going beyond mere compliance to actively seek continuous improvement in Health, Safety, and Environment (HSE). This initiative is backed by strong leadership and an engaged workforce, focusing on risk-based safe systems of work and fit-for-purpose equipment.

### Governance and Oversight

Our Board of Directors and Senior Leadership Team are committed to upholding the highest standards of safety, health, and environment. We have established robust oversight structures to ensure that our policy commitments are met and that safety remains our number one priority.

### Empowering Our Workforce

Management is responsible for minimizing health and safety risks and ensuring that all employees have the necessary education, processes, and tools to work safely. Our Safety, Health & Environment (HSE) Management System is aligned with recognized international standards and serves as a compliance framework under various Workplace Health & Safety, Environmental, and National Heavy Vehicle Legislation.

### Technology-Enabled Safety

Donesafe, our online HSE system, allows for efficient recording and greater visibility of various HSE processes. It includes a Risk Management Module that records risk assessments for tasks, equipment, facilities, and areas, thereby enabling us to be proactive in identifying and mitigating risks.





## Compliance and Accountability

All branches and business units are required to comply with applicable HSE regulations. Compliance assessments are conducted as per the Branch HSE Calendars and reviewed at management meetings. This ensures that we not only meet but exceed legal requirements, thereby safeguarding the health and safety of our employees, visitors, and contractors.

## Leadership at All Levels

From individual employees to executive leaders, everyone at Alspec plays a role in championing health, safety, and environment. This collective commitment is what enables us to aspire towards our vision of Beyond Zero, making Alspec a leader in HSE practices within the aluminium industry.

*By integrating these principles into our daily operations, we are not only protecting our most valuable asset—our people—but also contributing to a more sustainable and responsible business.*





# Community Engagement and Partnerships

At Alspec, we aim to foster a positive culture of community service and engagement. Aligning with our core values of mateship and service to others, we have promoted community service through our collaborations and financial contributions to various causes. By making these financial and in-kind contributions we are supporting the most in need, celebrating community successes, and having a meaningful impact on society. These serve as a testament to our genuine interest in promoting our core values.

Alspec's dedication to community engagement and partnerships is deeply embedded in its corporate ethos and through our enduring partnerships with community organisations including, The Chappell Foundation, the Kidney Kar Rally, and the Sydney Children's Hospital Foundation.

Alspec's involvement with these organizations is borne from a genuine commitment to societal well-being and support for causes that align with our values. Through the partnership with The Chappell Foundation, Alspec contributes to efforts aimed at addressing critical social issues such as homelessness.

Engagement with the Kidney Kar Rally and the Sydney Children's Hospital Foundation aligns with Alspec's commitment to health and well-being, reinforcing the company's dedication to supporting the community in meaningful ways, particularly our most vulnerable members.

Furthermore, Alspec's support of the Ethnic Business Awards highlights its commitment to promoting diversity and celebrating the successes of migrant Australian business people.

Collectively, these partnerships are a testament to Alspec's holistic approach to community involvement, underscoring our role as a socially responsible and proactive member of the community. Through these collaborations, Alspec reinforces its commitment to making a positive and lasting impact on society, in the built environment and beyond.





# Alspec Business Park



## Luddenham, the Aerotropolis and the future of Western Sydney

*Alspec is not merely conceptualising future possibilities; we are in the advanced stages of building a sustainable vision for tomorrow.*

Our steadfast commitment to environmental stewardship and technological innovation will soon manifest through the development of the Alspec Industrial Business Park in Luddenham, Western Sydney. This strategically located facility will become Alspec's new national headquarters.

Our long-standing presence in Western Sydney, anchored by our national headquarters at Eastern Creek, underscores our commitment to the region.

The Alspec Industrial Business Park at Luddenham, located near the soon-to-open Nancy Bird Walton International Airport, further solidifies our confidence in the area's growth potential for the foreseeable future.

### The Alspec Industrial Business Park: A Model of Sustainability

Spanning an expansive 350,000 square meters, the Alspec Industrial Business Park is designed to be a state-of-the-art facility that embodies our dedication to environmentally responsible design and construction.

The Alspec Business Park stands testament to what can be achieved when innovation meets sustainability in our growing third city.

### Renewable Energy Integration

One of the cornerstone features of this development is its focus on renewable energy. The park will be equipped with tailored Photovoltaic (PV) systems and industry-leading solar technologies to generate clean energy, thereby reducing our carbon footprint.

The Alspec Business Park represents a pioneering model of interconnectedness and sustainability through its innovative approach to energy management and infrastructure, with the capacity to deliver a microgrid into the vital Aerotropolis region.

“

Located near the upcoming Nancy Bird Walton International Airport and the Western Sydney Aerotropolis, Alspec's new Industrial Business Park at Luddenham is a testament to our long standing commitment to Western Sydney, while incorporating a future focused on sustainability across the aluminium value chain. ”

- Paul Nakhle, CEO of Alspec.



## Smart and Efficient Lighting

Alspec Business Park will include zoned and sensed LED fittings, ensuring that energy is used only when and where it is needed. This smart lighting system not only reduces energy consumption but also contributes to a safer and more efficient working environment.

## Water Conservation Measures

Understanding the value of water as a precious resource, the park will incorporate advanced rainwater harvesting systems. These systems will collect, filter, and store rainwater for non-potable uses, thereby reducing our reliance on municipal water supplies.

## Electric Vehicle Infrastructure

In line with our commitment to reducing emissions, the park will feature electric vehicle charging stations. This infrastructure will encourage the use of electric vehicles for tenants throughout the business park, contributing to Alspec's broader sustainability goals.







# Notes



# alspec<sup>®</sup>

EVERYTHING ALUMINIUM  
& HARDWARE

Proudly affiliated with:



Australian  
Institute of  
Architects



Design  
Matters  
National



AUSTRALIAN  
GLASS &  
WINDOW  
ASSOCIATION



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