



TRADE +
INVESTMENT
QUEENSLAND

Invest in Queensland Australia

Investment Prospectus

Acknowledgement of Country

In the spirit of reconciliation Trade and Investment Queensland acknowledges the Traditional Custodians of country and their connections to land, sea and community. We pay our respect to their Elders past, present and emerging, and extend that respect to all Aboriginal and Torres Strait Islander peoples today.

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Translating and interpreting service

The Queensland Government is committed to providing accessible services to Queenslanders from all culturally and linguistically diverse backgrounds. If you have difficulty in understanding the prospectus, you can contact us on (07) 3514 3147 between 9.00am and 5.00pm, Monday to Friday (except public holidays) and we will arrange an interpreter to effectively communicate the report to you.

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Contents

Queensland – your Asia-Pacific gateway	1
Choose Queensland	3
Commitment to environment, social and governance factors (ESG)	5
Snapshot of Queensland	7
Brisbane 2032 Olympic and Paralympic Games	10
Opportunities in regional Queensland	11
Queensland backs investors	15
Your connection to Queensland	16
Your future in Queensland	17
Migration pathways	18
Innovation	19
Talent	21
Invest in:	23
Advanced manufacturing	23
Biofutures	27
Biomedical + health	31
Food + agribusiness	35
Renewable energy	39
Resources + critical minerals	43
Urban development + infrastructure	47
Next steps to invest	52

Queensland — your Asia-Pacific gateway



A shared time zone with Asia and close links across the fast-growing Asia-Pacific region means Queensland offers investment opportunities unavailable anywhere else.

Australia has the twelfth-largest economy in the world. The state of Queensland is driving almost 20% of that activity, and its diverse economy is forecast to grow by 3% in 2023–24.^{1 2 3}

The Queensland Government is committed to supporting productive foreign investment and to bringing major investment proposals to life via Trade and Investment Queensland (TIQ), its dedicated global business agency.

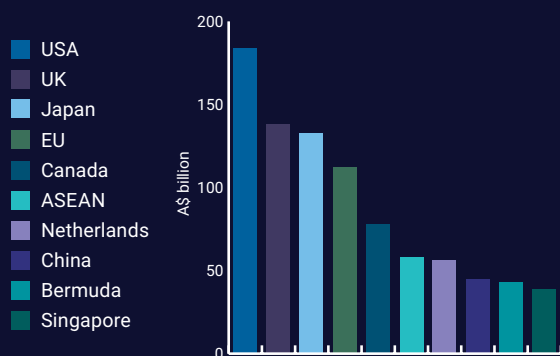
Trade and Investment Queensland is leading the new *Queensland Trade and Investment Strategy 2022–2032* to guide the state's transformation in the lead up to hosting the Brisbane 2032 Olympic and Paralympic Games.

Queensland is ready to welcome exceptional partners to help deliver a lasting legacy from these Games for our state, Australia and the wider Pacific region.

Connect with Trade and Investment Queensland to explore your investment opportunities today.

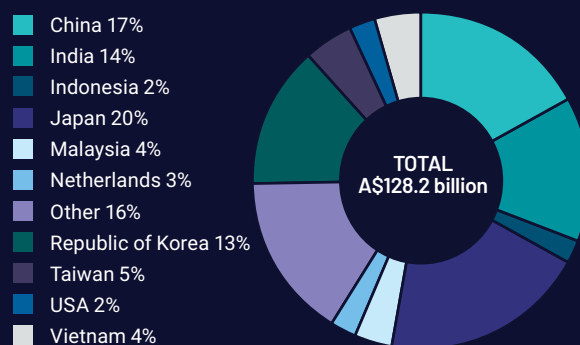


Top foreign direct investment into Australia by country 2022



Data source – Australian Bureau of Statistics

Queensland's major goods export markets 2022-23



Data source – Queensland Treasury

Choose **Queensland**



Growing + resilient economy

Investing in Queensland means choosing a stable business environment that has experienced two decades of economic growth above the national average.

- **Record net operating surplus of A\$12 billion+** forecast for FY2022–23⁴
- **A\$89 billion** four-year capital program commencing in FY23–24⁵
- Unique **government-owned** infrastructure
- **Rated AA+/Aa1** by major rating agencies⁶

Skilled workforce + innovative culture

Queensland's dynamic workforce is highly educated, multicultural and growing each year thanks to a 'knowledge corridor' with dozens of innovation-led businesses and academic institutes.

- **Seven** of Queensland's 12 universities are in the world's top 500⁷
- Regional clusters of **exceptional talent** in areas like marine industries, defence and clean agriculture
- **A\$1.2 billion being invested** in the training, development and growth of Queensland's workforce⁸



Sophisticated infrastructure

Queensland's capacity to move people, products and data efficiently makes connecting with the world seamless.

- **Fastest** submarine telecommunications connection from east Australia to Asia⁹
- Three Cyber Security Innovation Nodes, providing **advanced cybersecurity**
- Queensland's SuperGrid bringing together all elements of the electricity system to deliver the transition to **clean, reliable and affordable energy**
- **21 sea ports** including the Port of Brisbane which handled A\$73.2 billion in trade in 2022-23¹⁰

Significant natural resources

Queensland's abundant natural resources are unlike anywhere else in the world, offering investors limitless potential.

- An average of **300** days of sunshine a year
- 12 potential **Renewable Energy Zones** to harness wind, solar and hydro capacity¹¹
- **Varied** climate zones including tropical and subtropical

Commitment to environment, social and governance factors (ESG)

Queensland is currently rated AA for ESG by MSCI and has put in place a range of focused initiatives to ensure our natural environment and quality of life are protected for future generations.¹²

Our State's strong economic outcomes provide the fiscal capacity to take positive action on ESG priorities.



Environmental

- Commitment to achieving net zero emissions by 2050 under the [Queensland Climate Action Plan 2030](#)
- [Queensland Energy and Jobs Plan](#) to deliver 80% renewable energy by 2035
- State signatory to [Under2 Memorandum of Understanding](#) global climate change agreement
- Focus areas and opportunities – climate change, renewable energy and exports (including hydrogen and biofuels), exposure to environmental externalities and vulnerability to natural disasters, environmental protection and natural resource management



Social

- Equitable access to services and opportunities
- Ongoing investment in health services and education
- Subsidies for social housing, public transport, energy and water
- The right to education, privacy, freedom of speech, and protection of children protected by the [Queensland Human Rights Act 2019](#)
- Focus areas and opportunities – economic risk and performance of the labour market, health and education systems, and social cohesion



Governance

- Stable system of government and political framework
- Strong financial management and liquidity
- Focus areas and opportunities – political stability, institutional strength, and financial management

Queensland's sustainability priorities

Sustainability risk management is a strategic imperative for the State, and we transparently report on our progress in the annual Queensland Sustainability Report.



Climate change



Good jobs



Natural capital



Better services



Economic and fiscal performance



Great lifestyle

Snapshot of Queensland

Queensland's infrastructure



Queensland has 12 State Development Areas (SDAs) to promote economic development. SDAs concentrate industrial development to ensure proximity to railways, road networks and ports. This minimises environmental impacts and helps streamline application processes. SDAs take the form of industrial hubs, infrastructure corridors, major development sites and public works.

Local government investment attraction incentives may also be available across Queensland. Opportunities in regional Queensland presented by global decarbonisation will receive targeted support under the A\$200 million **Regional Economic Futures Fund (REFF)**.

The fund will ensure long-term support for key regions, creating sustainable jobs and stronger, diverse economies.

REFF is part of the **Queensland Energy and Jobs Plan**, and the **Queensland New-Industry Development Strategy** which outlines the Government's approach to developing emerging industries that are in demand because of global decarbonisation efforts. Its six key focus areas are renewable energy manufacturing and infrastructure, critical minerals, battery supply chains, green hydrogen, the circular economy, and the bioeconomy.





Brisbane 2032 Olympic and Paralympic Games

The Games will be a transformative event for Queensland – our State's greatest opportunity ever to achieve positive change and a lasting legacy for Queenslanders.

The Olympic and Paralympic Games will create an extended pipeline of opportunities, with a focus on sustainability and delivering local benefits.

Queensland's commitment to hosting a climate positive Games means related procurement will form part of the Queensland Government's economy-wide efforts to reduce emissions and achieve net zero by 2050.

A procurement pipeline, including the activities of the Brisbane 2032 Organising Committee, will be published via the [Queensland Government's Forward Procurement Pipeline](#).

With nine years to go, now is the time to establish a presence in Queensland, or team up with local partners so that you are 'match-fit' and ready to access Games-related opportunities as they become available.

Connect with Trade and Investment Queensland to explore opportunities to help deliver Queensland's vision for the Games.



A\$4.6 billion forecast tourism and trade boost for Queensland¹⁶



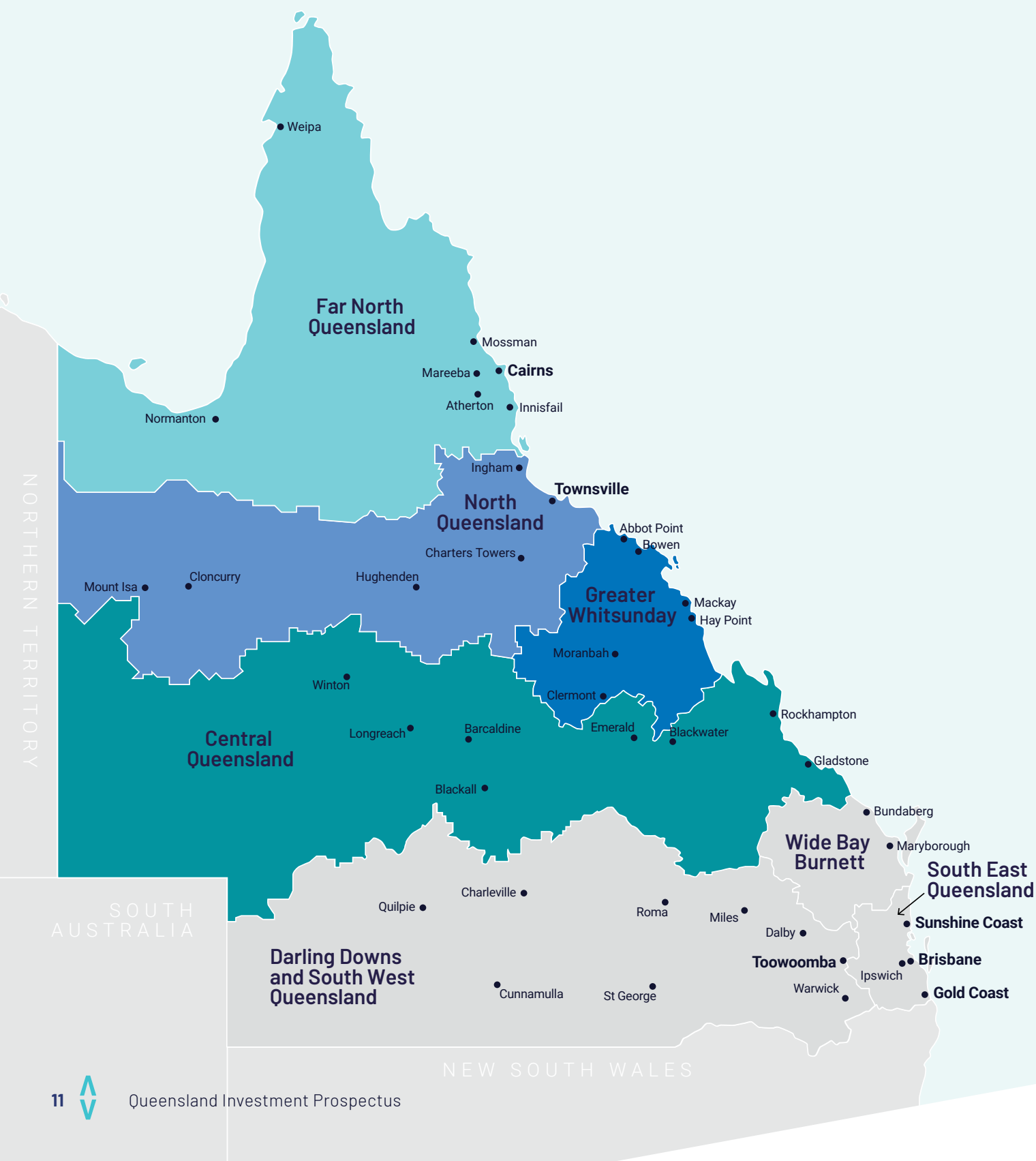
91,600 full-time equivalent jobs per year for Queenslanders¹⁷



A\$180 billion in Queensland Government procurement opportunities¹⁸

Games events proposed in [Brisbane](#), [Moreton Bay](#), [Redland Bay](#), [Ipswich](#), the [Scenic Rim](#), [Gold Coast](#), [Sunshine Coast](#), [Toowoomba](#), [Townsville](#) and [Cairns](#)

Opportunities in regional Queensland



Far North Queensland 292,943

Located on Asia's doorstep, Far North Queensland offers major strategic advantages for businesses – including unparalleled biodiversity and a highly innovative culture.

- Largest region – 20% of Queensland
- Large-scale renewable energy projects, including the 157MW Kaban Green Power Hub
- A\$300 million Cairns Marine Precinct expansion to enhance the region's marine + defence industry capacity
- New Regional Trade Distribution Centre at Cairns Airport – Queensland's second state-supported regional export hub

Established industries

- Aviation
- Food + agriculture
- International education + training
- Marine services (including superyacht industry)
- Tourism

Growth industries

- Aerospace
- Agtech
- Biomedical + health
- Renewable energy

North Queensland 239,859

Spanning five major regional centres – from the Great Barrier Reef to the Outback – North Queensland has one of the most diverse economic bases in Australia.

- Contributed A\$17.1 billion to the Queensland economy in 2021¹⁹
- Home to Australia's largest army base
- North West and North East Minerals Provinces
- Townsville's Lansdown Eco-Industrial Precinct to become Northern Australia's first environmentally sustainable industrial hub
- Marine science hub includes Australian Institute of Marine Science
- Largest general cargo and container port in Northern Australia

Established industries

- Defence
- International education + training
- Resources
- Urban development + infrastructure

Growth industries

- Agriculture
- Critical minerals + rare earths
- Defence manufacturing
- Renewable energy
- Space
- Transport + logistics

Greater Whitsunday 180,894

An economic powerhouse close to established mining regions in the Bowen and Galilee basins, this region features strong support bases for several key sectors around Mackay and beyond.

- Estimated gross regional product A\$27.27 billion²⁰
- Resources Centre of Excellence – the southern hemisphere's largest mining services support centre
- Produced A\$329.3 million worth of sugarcane²¹
- Produced more than half the total value of Queensland's aquaculture output²²
- Biofutures expertise and home to the Queensland University of Technology (QUT) Renewable Biocommodities Pilot Plant

Established industries

- Agriculture
- Advanced manufacturing
- Resources

Growth industries

- Biofuels
- Future foods
- Renewable energy

Central Queensland 228,246

Central Queensland is leveraging its significant mining and gas capabilities to transform into Australia's hydrogen capital.

- Home to Queensland's largest multi-commodity port
- Hub for Queensland's liquefied natural gas (LNG) industry, including a proposed 450km high-pressure pipeline from the Bowen Basin to Gladstone
- Largest beef herd in any region of Australia²³
- Renewable manufacturing opportunities especially around hydrogen, ammonia and aluminium production near the Port of Gladstone

Established industries

- Agriculture
- Manufacturing
- Resources

Growth industries

- Biofutures
- Horticulture
- Renewable energy

Opportunities in regional Queensland



Wide Bay Burnett 307,748

A fertile agricultural region, the Wide Bay Burnett area has a long history in manufacturing, as well as world-class natural assets.

- Largest region by population outside of South East Queensland²⁴
- Responsible for approximately 10% of Queensland's agricultural production²⁵
- Home to two-thirds of the state's softwood plantation resources²⁶
- Emerging advanced manufacturing capacity, including train and battery manufacturing facilities

Established industries

- Horticulture
- Manufacturing
- Timber + forestry

Growth industries

- Advanced manufacturing
- Biofutures
- Critical minerals
- Renewable energy

South East Queensland 3,800,000

South East Queensland includes the major population centres of Ipswich, Logan, Moreton Bay, Redland, Gold Coast, Sunshine Coast and Brisbane – the closest capital city to Asia on Australia's east coast.

- Home to 1 in 7 Australians, with Ipswich the fastest growing city in Queensland^{27 28}
- A\$19 billion infrastructure pipeline in Brisbane, with a A\$239 billion economy anticipated by 2041²⁹
- Nationally significant innovation precincts aligned with world-class education and R&D facilities
- Australia's fastest growing region in the technology sector³⁰
- Home to the Australian Defence Force's largest operational air base

Established industries

- Advanced manufacturing
- Agriculture
- Biomedical + health
- International education + training
- Urban development + infrastructure

Growth industries

- Aerospace
- Defence manufacturing
- Mining equipment, technology + services
- Resource recovery
- Screen + gaming

Darling Downs and South West Queensland 275,682

Primary production flourishes in South West Queensland thanks to rich soils, enabling associated industries to thrive in the region.

- Expanding international freight connections via Toowoomba Wellcamp Airport and adjacent Regional Trade Distribution Centre
- Strong transport infrastructure connectivity including the Toowoomba Bypass and Warrego Highway upgrades
- Inland Rail project – proposed 1,700km freight rail line to connect Brisbane and Melbourne
- Growing feedlot sector and associated beef processing industry

Established industries

- Agriculture
- Defence
- Logistics
- Resources
- Education

Growth industries

- Advanced manufacturing
- Aerospace
- Renewable energy
- Tourism

Queensland backs **investors**

Queensland offers some of the world's best investment opportunities, delivering strong returns for astute investors.

Queensland's advantages include:

- One of Australia's most competitive payroll tax regimes
- Among the highest business confidence of any Australian state economy
- Streamlined processes that reduce 'red tape' and business costs.

Investment incentives + support

Queensland backs investors with significant financial and tax incentives through dedicated initiatives.

The *Queensland Jobs Fund* aims to unlock the potential of investment-ready projects in Queensland, turning innovative ideas into commercial products and offerings.

The fund encompasses a number of existing and new funds, including the A\$520 million *Invested in Queensland Program* targeting high-value investment-ready projects, and the A\$415.5 million *Industry Partnership Program* which targets priority industry sectors.

Queensland Trade and Investment Strategy 2022-2032

Harnessing the collective efforts of government, business and industry, the *Queensland Trade and Investment Strategy 2022-2032* is evolving Queensland's established economic strengths and growing new industries.

The A\$150 million Strategy identifies priority industries key to Queensland's economy.

Queensland will foster future industry development and growth in these industries by leveraging partnerships and investment to commercialise local knowledge and traditional strengths.

Priority industries

 Advanced manufacturing	 Defence	 International education + training	 Professional services
 Aerospace	 Enabling + innovative technology	 Mining + resources (incl. METS)	 Resource recovery
 Biofutures	 Film + screen	 New economy minerals + battery storage	 Space
 Biomedical (incl. life sciences + health)	 Food + agribusiness	 New energy + hydrogen	 Tourism



Your connection to Queensland

Trade and Investment Queensland is here to help you succeed in Queensland. Our expert team assists both international companies and individuals looking to develop projects or invest capital in Queensland, and Queensland companies looking to attract overseas investment.

Trade and Investment Queensland will support you throughout your entire investment journey and beyond.

Connect with Trade and Investment Queensland's investment team and start your investment journey today.

We offer companies a range of investment support services to assist in establishing or expanding operations in Queensland, including:

- Liaising with all relevant government departments and agencies for a **seamless 'Team Queensland' approach**
- **Facilitating introductions** to government departments, potential industry partners and service providers
- **Providing business case information** addressing project requirements, tax and regulations, business costs, skills and labour and other investment drivers within Queensland
- **Identifying** suitable site options and arranging site visits
- Providing **detailed industry knowledge** and market intelligence
- Assisting with **business visa nomination support**
- Identifying **government financial incentives** and facilitation services to aid your investment
- Identifying **investment-ready projects** that match your requirements
- Providing **aftercare services** including export support

All of our investor-related services are treated with the utmost confidentiality and our services are free of charge.

Your future in Queensland

Many of the world's best and brightest are relocating to Queensland, lured by our magnificent natural environment and affordable lifestyle.

Major international companies are choosing Queensland for their Australian and Asia-Pacific headquarters because of the quality of life benefits our State offers their staff and significant investment incentives.

Enjoy an incredible + affordable lifestyle

- Queensland is relatively **affordable** compared with other states in Australia
- Mean residential **dwelling price** of A\$781,600 in Queensland, compared to \$912,700 nationally (June 2023)³¹
- Many **unique communities** to choose from including major cities, beach towns, rural centres, and the Outback
- **Safe** multicultural communities, with 22.7% of Queenslanders born overseas³²
- Net interstate **migration** of 34,545 in 2022³³

Lifestyle enhancing infrastructure + services

- **Universal healthcare** utilising advanced health services
- **Free primary and secondary schooling** and access to internationally-ranked universities
- **Vibrant entertainment precincts** featuring state-of-the-art sporting venues, restaurants and master planned public spaces

Explore iconic tourism assets

- **1,700+ beaches** and **1,000+ national parks** to explore
- Location of the incredible **Great Barrier Reef**, one of the Seven Natural Wonders of the World
- Home to **5 of Australia's 12** natural World Heritage Sites



Wet Tropics World Heritage Area



Migration pathways

There's no better time to migrate to Queensland.

Migration Queensland is the Queensland Government agency responsible for nominating migrants for skilled visas as part of the Australian Government's State Nominated Visa Program.

The program focuses on attracting talent to Queensland to fill critical skill shortages in occupations and industries most in need across the state.

Temporary and permanent visa opportunities are available for skilled professionals and tradespeople through the Skilled Nominated Permanent visa (subclass 190) and the Skilled Work Regional Provisional visa (subclass 491).

These visas offer pathways for onshore and offshore skilled workers, Queensland university graduates, and small business owners operating in regional Queensland.

Migration Queensland also informs migrants of the diverse range of industries and regional opportunities available across the state, and provides settlement services to nominated migrants.

For more information, please visit migration.qld.gov.au.

The Global Talent Program

The Global Talent visa (subclass 858) is an Australian Government program for exceptionally talented and prominent people who can raise Australia's standing in their field. It allows holders to live and work permanently in Australia. Candidates must be highly skilled in a future-focused sector, be currently earning or likely to earn a salary of at least A\$167,500 (Australia's high-income threshold), and meet all other standard visa criteria.

For more information, please visit immi.homeaffairs.gov.au/visas/working-in-australia/visas-for-innovation.



MIGRATION
QUEENSLAND

Innovation

Queensland's innovation ecosystem is creating global solutions locally.

From sportstech and medtech, to cybersecurity and software as a service (SaaS), Queensland offers companies an ideal location to grow and scale in the Asia-Pacific and become the world's next 'unicorn'.

Our home-grown innovations are making needle-free vaccines a reality, helping the world's best sports teams supercharge their training programs and optimising heavy machinery maintenance.

Queensland's collaborative innovation ecosystem is the product of over 25 years of government investment, complemented by funding programs managed by the State's investment manager, Queensland Investment Corporation, including the A\$24 million Enterprise Acceleration Program and A\$75 million Queensland Venture Capital Development Fund.

In 2021, South East Queensland became Australia's fastest growing region for tech jobs.³⁴ Now over 140,000 tech workers call Queensland home, meaning our pipeline of investment-ready startups and partnership opportunities can readily access the right talent to accelerate their growth from anywhere in Queensland.³⁵

With the Brisbane 2032 Olympic and Paralympic Games on the horizon, the Office of the Chief Entrepreneur and Advance Queensland are championing Queensland's innovation and entrepreneurship aspirations to drive economic growth.

Advance Queensland

This whole-of-innovation ecosystem initiative supports the creation, scaling up and international success of Queensland-based scientists, researchers, innovators and businesses.

With support from investors and the Queensland Government, more than A\$1.7 billion has been committed to drive growth in innovation and create knowledge-based jobs across Queensland.³⁶

Advance Queensland delivers specialist programs and funding to support companies throughout their innovation journey. Initiatives include:

- **Ignite Ideas Fund**, a grant program with alumni including leading Queensland companies Go1, VALD Performance and RedEye

- **Corporate Innovation Network** which connects corporates with local companies to explore new technologies and commercial collaboration opportunities
- **Private Sector Pathway Program**, a co-funded open innovation process to solve corporate challenges through solutions generated by proven, innovative Queensland businesses

Advance Queensland is headquartered at the Precinct – a collaborative working space in Brisbane's Fortitude Valley – which brings together Queensland startups, accelerators, incubators, investors and mentors.

In 2023, an additional A\$15 million has been committed by the Queensland Government to continue developing collaborative spaces across the state, where researchers, investors and industry can connect to bring innovative ideas to life.³⁷



aQtivate

Trade and Investment Queensland's aQtivate initiative supports fast-growing international scale-ups and innovative tech companies to invest and launch in Queensland.

aQtivate is free of charge and offered to pre-qualified businesses by Trade and Investment Queensland.

The initiative includes:

- **Short-term desk/office space** at a Queensland Government supported facility such as The Precinct – Queensland's dedicated innovation cooperative workspace in Brisbane's Fortitude Valley*
- **Facilitated introductions** with local partners, government stakeholders, industry and trade organisations, chambers of commerce, accelerators, other leading Queensland-based companies, and innovation ecosystem thought leaders

- **Access to events and activities** within the Queensland entrepreneurial ecosystem
- **Dedicated support** from a range of Queensland Government agencies.

For more information please contact Trade and Investment Queensland today.

* subject to the discretion of Trade and Investment Queensland and availability of desk space at The Precinct.

Talent



Queensland offers investors a substantial pipeline of capable talent to help your company thrive.

The Queensland Government is supporting our workforce to upskill and seize tomorrow's opportunities.

In the first three years of the [Queensland Workforce Strategy 2022–2032](#), A\$70 million will be invested into focus areas including school-to-work transitions, and workforce attraction and retention.³⁸

The Strategy ensures Queensland's skilled workforce is industry-ready right from graduation.

Queensland's education ecosystem

Study Queensland – a dedicated industry unit within Trade and Investment Queensland – works to promote Queensland as a premier study and research destination for international students, while leading the delivery of the Queensland International Education and Training Strategy 2022-2027.

The A\$20.6 million, five-year Strategy sets out the vision and focus areas to support a strong sector and build a global talent pipeline for Queensland.³⁹

More than half of Queensland's universities
are ranked in the **world's top 500**⁴⁰



Through the Strategy's key pillars of Promote, Grow, and Foster, Study Queensland works with the State's many international education and training providers to attract students to Queensland, foster a positive and inclusive international student experience, and grow a strong talent ecosystem.

Study Queensland has an international network of 14 Business Development Managers and four Global Research Partnership Directors across 12 countries focused on connecting industry with Queensland institutions to drive innovation.

In 2024, Study Queensland will offer Talent Scout, a new initiative to support investors to understand skills availability, access talent and explore opportunities for partnerships with universities and other education and training providers to build a talent pipeline for the future.

University engagement

Queensland's world-class universities offer a multitude of avenues for industry engagement across all disciplines of study. Services available to employers include work-integrated learning opportunities within the curriculum, bespoke industry and research partnerships, and dedicated services to support employer engagement.

Connect with Study Queensland to explore your talent opportunities in Queensland.


STUDY QUEENSLAND

START HERE. GO ANYWHERE.

Invest in **Advanced manufacturing**

A prime driver of Queensland's manufacturing industry



 Gold Coast

Queensland's established network of research and development institutions, a highly skilled workforce and strong infrastructure are driving innovation and growth in advanced manufacturing.

Industry 4.0 is generating increased investor interest in innovation, automation and the circular economy. Queensland is well placed to design and develop sophisticated products that add value at every stage of the global supply chain. This includes onshore recycling, which will see opportunities in remanufacturing and sustainable materials.

Opportunities

Aviation + aerospace

The global market outlook for aerospace presents a major advantage for investors in Queensland. This includes opportunities around large-scale super alloy casting for jet engine casings, heat treatment for avionics and components, and new opportunities for composites and advanced materials. Queensland is also boosting its maintenance, repair and overhaul service capacity through projects such as Alliance Airline's new A\$60 million facility in Rockhampton in Central Queensland.

Defence + space

Increased research and development in these sectors are creating investment opportunities that build on Queensland's strong industrial base. This includes a particular focus on launch vehicles, satellite platforms, robotics and autonomous systems, hypersonics, and the new joint strike fighter global fleet supply and regional engine sustainment. Queensland is championing advances in heavy vehicle manufacturing, fibre-reinforced composites, and metal-composite hybrid materials for lightweighting. Continued growth will be assisted by planned facilities including the Wellcamp Aerospace and Defence Precinct.

Circular economy

Queensland is seeking strategic investment into diverse and innovative resource recovery technologies. Demand for a more circular approach to material production, use, reuse and disposal to reduce landfill and its associated impacts on the environment is creating significant investment opportunities across all stages of production.

Queensland has set ambitious waste reduction targets. By 2050, Queensland aims to achieve a 25% reduction in household waste – with 90% of waste being recovered instead of going to landfill – and 75% recycling rates across all waste types.⁴¹



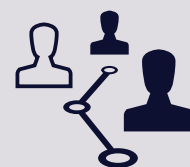
Recognised as an
**Advanced
Manufacturing Hub**
by the World
Economic Forum
in 2020⁴²



**10-year growth
strategy** centred on
innovation, training +
commercialisation



**136 advanced
manufacturing projects**
supported through
Made in Queensland
grants⁴³

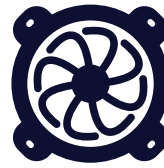


Almost 4,000
secondary school
students enrolled in the
**Advanced Manufacturing
Gateway to Industry
Schools Project**⁴⁴

Aviation + aerospace

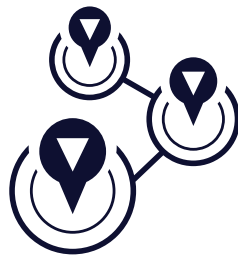


Aerospace sector exports currently estimated at **A\$148 million/year**⁴⁵



Queensland has several **supersonic-to-hypersonic** wind tunnels

24% of Australia's growing UAS industry is located in Queensland⁴⁶



Home to **274 aerospace enterprises** (26% of Australia's total)⁴⁷



Defence + space



Queensland Defence Science Alliance – a university/government-led initiative facilitating collaboration at a national level on real-world defence problems



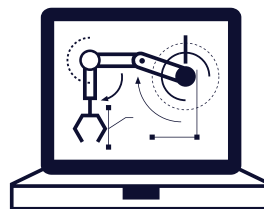
A\$50 million Trusted Autonomous Systems Defence Cooperative Research Centre developing drone + robotics solutions for the Australian Defence Force



National capability to test autonomous + remotely controlled surface and underwater technologies in a tropical marine environment at **ReefWorks**, Townsville



Vertical + horizontal rocket test facilities being progressed



Home to Australia's **most advanced** launch vehicle developers + hypersonic capability⁴⁸



Largest concentration of defence people, assets, bases, ports, training ranges and support sites in Australia⁴⁹



Case study – Boeing

Boeing Australia is growing Queensland's presence in the global defence market.

In 2020, Boeing Australia entered into an arrangement with the Queensland Government to support the establishment of the primary final assembly facility for the Boeing Airpower Teaming System, recently named the MQ-28A Ghost Bat, subject to market orders.

The MQ-28A Ghost Bat is the first military aircraft to be designed, developed and manufactured in Australia in over 50 years. According to Brian Schettler, Senior Managing Director Boeing HorizonX: "The depth and breadth of talent and innovation ... is one of the many reasons we've decided to launch this collaboration in Queensland."



Case study – Rheinmetall Defence Australia

Queensland is home to the most advanced military vehicle manufacturing facility in Australia.

Under a long-term partnership with the Queensland Government, Rheinmetall Defence Australia has established its Australia-New Zealand Headquarters and Military Vehicle Centre of Excellence (MILVEHCOE) in Redbank, Ipswich.

From the A\$170 million facility, Rheinmetall is securing new business to deliver alongside the existing 211 Boxer combat reconnaissance vehicles to the Australian Army, management of the long-term sustainment of 3,500 logistics trucks, delivery of the multi-ammunition softkill system and manufacture of lance turrets for the Hungarian military.

Invest in **Biofutures**

Growing new industries from Queensland's energy-dense
feedstocks



As an emerging Asia-Pacific hub for biorefining and biomanufacturing, Queensland is supporting global efforts to decarbonise, while diversifying local industrial capabilities. Researchers are working with industry to convert waste streams into sustainable resources, including biofuels, green chemicals, livestock feed and products for health and medical applications.

Agreements like the Joint Declaration of Intent for Cooperation in Bioeconomy with Germany demonstrate Queensland's readiness to attract investment in the bioeconomy. The first associated program under the agreement will target developing new materials from sustainably sourced biomass, enhancing levels of sustainable agriculture, and reducing and reusing food waste.

Opportunities

Biofuels including sustainable aviation fuel (SAF)

Queensland is "taking off" as the SAF powerhouse of Australia. Our State produces significant feedstock needed to make SAF, including biomass, agricultural by-products and tallow, and is exploring opportunities involving pongamia.

Major international players are helping fast-track the industry across the State. Qantas Group is working with the Queensland Government to develop a Queensland-based SAF supply chain. Qantas Group and Airbus have also partnered with the Queensland Government to co-fund a feasibility study for a new biorefinery in Queensland by Jet Zero Australia and LanzaJet.

In Central Queensland, Oceania Biofuels is planning to establish a commercial SAF biorefinery in Gladstone. The A\$500 million facility in the Yarwun Industrial Precinct is expected to be operational in 2025.⁵⁰

Near the Port of Brisbane, AMPOL and ENEOS are exploring the feasibility of an advanced biofuels manufacturing facility with the capacity to generate up to 500 million litres of SAF and renewable diesel annually.⁵¹

Bioplastics + biochemicals

Queensland is building future-focused infrastructure to become a leader in recyclable bioplastics. In 2022, The University of Queensland (UQ) opened the Australian Research Council Transformation Training Centre for Bioplastics and Biocomposites in Brisbane. The A\$13 million centre is a partnership between academia, government and industry, to drive industry innovation and growth. Potential areas of investment include initiatives around high-yield cultivars and commercialisation of fibre and composite products.



Set to contribute **A\$1.8 billion** to the Queensland economy by 2035⁵²



10-year growth strategy for a A\$1 billion export-orientated sector



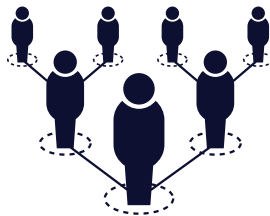
Growing the bioeconomy a priority under the **Queensland new-industry development strategy**



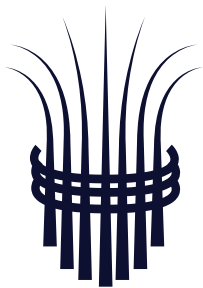
Joint Declaration of Intent for Cooperation in Bioeconomy signed with Germany in 2022

Biofuels including SAF

An Australian SAF industry could be worth **A\$2.8 billion annually** by 2030 and could create up to **15,600 jobs** – mostly in regional areas – nationwide by 2050⁵³



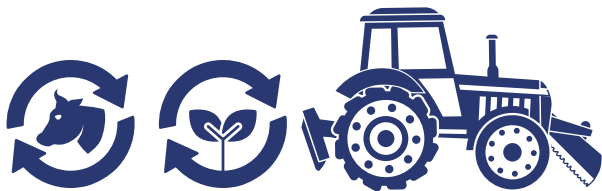
Home to over **60%** of Australia's sorghum crop⁵⁴



Around 95% of Australia's sugarcane is grown in Queensland⁵⁵



Two established commercial biofuel refineries, producing **90 million litres** of biofuels annually⁵⁶



Biomass sources include forestry, cropping, urban waste, intensive livestock, food processing and horticulture

Brisbane Airport is part of the **World Economic Forum's Clean Skies for Tomorrow Coalition** seeking to accelerate SAF supply and use to **10%** by 2030⁵⁷



Queensland's first crane powered by **100% renewable diesel** helping to construct Brisbane's new theatre at Queensland Performing Arts Centre⁵⁸

Queensland supported **international shipping** and logistics operator ANL's biofuel trial⁵⁹





Case study – ARC Training Centre for Bioplastics and Biocomposites

Researchers from the Australian Research Council Training Centre for Bioplastics and Biocomposites at The University of Queensland are searching for solutions to the world's growing plastics problem.

In 2023, the Centre has been leading a study into how quickly biodegradable plastics break down in waterways around South East Queensland.

Centre Director Associate Professor Steven Pratt noted there was unprecedented growth in demand for bioderived and biodegradable products: "One of the aims is to develop products

that are capable of biodegrading in ambient environments to avoid the accumulation of micro and nanoplastics," Dr Pratt said.

"The prospect of manufacturing a commercially available plastic with exceptional properties, but without the adverse legacy for the environment, is an exciting one."

The Centre is a partnership between UQ, QUT, the Queensland Government, Kimberly-Clark Australia, Plantic Technologies, Australian Packaging Covenant Organisation, Minderoo Foundation, and the City of Gold Coast.



Case study – Jet Zero Australia

Queensland's journey to becoming Australia's Sustainable Aviation Fuel (SAF) capital has taken a leap forward with the completion of a feasibility study and commencement of Pre-Front End Engineering Design for a biorefinery, able to produce more than 100 million litres of SAF annually.

Led by bioenergy company Jet Zero Australia, the study identified a location and feed stocks, including ethanol from agricultural by-products.


The proposed facility will utilise fuel technology company LanzaJet's alcohol to jet fuel technology to turn these by-products into SAF and renewable diesel.

The project is the first investment under the Qantas Group and Airbus sustainable fuel partnership and is supported by the Queensland Government, with Final Investment Decision of the refinery expected in late 2024.

Invest in **Biomedical + health**

Join the medical technology and biomedical companies
revolutionising our health



 Gold Coast

The world's first cancer vaccine – Gardasil – was developed in Queensland and our State's internationally-renowned research institutes and scientific capabilities continue to deliver world firsts.

Queensland offers large-scale biomedical companies an ideal location to expand in the Asia-Pacific. With modern translational facilities and fast, pragmatic regulatory pathways, our infrastructure is a commercially-focused platform for growth.

Queensland's robust regulatory and tax environment, plus access to world-class researchers and clinicians, creates an ideal market for prototyping, testing, conducting clinical trials and manufacturing. Our COVID-19 innovations received worldwide attention – particularly in antigen and digital diagnostics, digital platforms, remote monitoring, and vaccine development and trials.

The sector offers compelling investment opportunities around vaccine and medical device manufacturing, drug development, and the translation of biomedical discoveries.

Opportunities

Precision medical products

There is growing global demand for more personalised patient solutions – including medical devices and technology, imaging, diagnostics and informatics, and smart devices that best meet patient needs. Queensland is bringing together companies, researchers, clinicians, and advanced manufacturers to capture a share of this emerging market. In 2022, global medtech group Stryker built its first Australian R&D lab at the Herston Health Precinct, one Queensland's leading health precincts.

Biopharmaceuticals

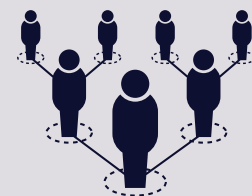
The COVID-19 pandemic accelerated worldwide demand for new biopharmaceutical products. Queensland has the capabilities and partnerships to lead the world in drug and vaccine development and delivery – within a regulatory environment that is aligned with international standards. This includes contract manufacturing capability, and streamlined and accelerated pre-clinical and clinical trials. With international companies like Sanofi establishing major R&D presences here, Queensland's scientific ecosystem is set to help this sector thrive.



A\$2.21 billion
estimated annual gross
value added to the
Queensland economy⁶⁰



Sector employs
13,800 people
(June 2023)⁶¹



R&D **tax incentives +**
rapid clinical trials
approval system
(CTN/CTA)⁶²

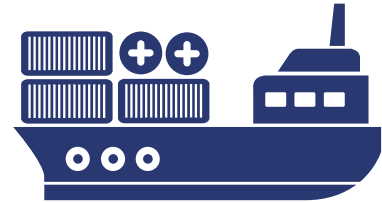


World-class
biomedical + health
precincts

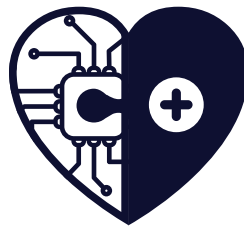
Precision medical products



Biomedical exports
estimated at
A\$534.3 million⁶³



Two of the top three Patent
Cooperation Treaty filing
universities in Australia⁶⁴



Brisbane's Herston
Health Precinct houses
30+ health facilities

State government programs to
to attract + support biomedical enterprises⁶⁵

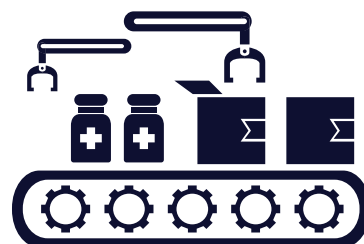
Biopharmaceuticals

**Australian Research
Council Training Centre for
Biopharmaceutical Innovation**
delivers industry-ready
graduates



TM@TRI – Australia's first scale-up
biomedical manufacturing facility for
maturing, high-potential, biotech start-ups

A\$280 million Translational Science Hub
to develop mRNA vaccines





Case study – BiVACOR

BiVACOR's Total Artificial Heart aims to become the first viable alternative to heart transplants.

The fist-sized titanium device pumps blood around the body using just one moving part – a small rotor – that's held in place magnetically, drastically reducing mechanical wear and tear, and designed for long-term use.

BiVACOR established its international R&D presence at the Gold Coast Health and Knowledge Precinct (GCHKP) in 2021 to complete final research and experimentation ahead of human trials.

According to Founder and Queensland University of Technology graduate Dr Daniel Timms: "Precincts like the GCHKP, where there's a university, a hospital, and an innovation space within walking distance of each other, are exceptionally rare... it was a no-brainer for us to join.

"Tapping the incredible talent from Queensland and creating more bridges between Australia and the US enables ideas to synthesise while supporting their global visualisation – something vital when bringing any big medtech idea to life."



Case study – Vaxxas

Biotechnology company Vaxxas developed their proprietary needle-free vaccine technology in Queensland and recently opened its first biomedical manufacturing facility with support from both the Queensland Government and Australian Government.

The Vaxxas Biomedical Facility at Northshore, Brisbane, will serve as the company's headquarters and support the scale-up of operations for future late-stage clinical trials and first commercial products.

Vaxxas' High-density Micro-projection Array Patch (HD-MAP) is designed to improve efficacy, reach and economics of vaccination.

The company is working on a pipeline of projects with leaders in global medicine – including the United States Biomedical Advanced Research and Development Authority (BARDA), the Bill and Melinda Gates Foundation, the Wellcome Trust and Merck.

To date, Vaxxas has administered vaccines to over 500 people in clinical trials, targeting seasonal influenza, COVID-19 and measles and rubella.

The company expects to manufacture and distribute the first commercially available needle-free vaccine patches from its Queensland facility within three to five years.

Invest in **Food + agribusiness**

A forward-thinking industry worth A\$23.4 billion⁶⁶



The Tassal Group, home of Tropic Co prawns

📍 Mission Beach

Queensland's multiple climatic zones and its counter-seasonality to the northern hemisphere means the State is well-placed to meet increased global food demand.

Both established industries, including beef production and large-scale cropping, and emerging industries share a commitment to innovation to ensure their practices are sustainable and produce safe, quality products.

Opportunities

Agtech

Queensland agtech is radically changing farming and boosting productivity through automation and data analytics, genomics, and modelling and remote sensing.

Agtech will also likely play a role in helping verify and promote the sustainability and biosecurity credentials of Queensland's primary producers to consumers worldwide.

Queensland offers opportunities to invest in sensor technology, autonomous farming equipment and robotics, and agricultural and animal management software and tech.

Investors can partner with local companies to utilise existing expertise in Queensland, in areas like crop breeding, plant biotechnology, animal nutrition, tropical crops and aquaculture.

Precision fermentation + novel protein production

To develop an internationally competitive food biomanufacturing industry, Queensland welcomes companies wanting to establish and scale-up synthetic biology and future food projects, including manufacturing, design and R&D.

Our State offers reliable and cost-effective access to feedstock, strong research expertise and a mature network of supporting infrastructure.

In Mackay, Central Queensland, the Queensland Government is supporting the development of the Asia-Pacific's first large-scale precision fermentation manufacturing launchpad. Located in a major sugar producing region, the hub will focus on creating biosynthesised foods, novel proteins and plant extractives at scale.

Aquaculture

Queensland's diverse fisheries, excellent growing conditions and research programs are poised to help meet global demand for quality seafood products. Terrestrial aquaculture development areas encourage sustainable growth opportunities in this A\$225 million industry for investors in produce such as prawns and barramundi.



80% of Queensland's land is used for agriculture production⁶⁷



A\$12.5 billion in agriculture + food exports in 2022-23⁶⁸



10-year growth strategy centred on new technologies, tools + research



Over 100 food + agriculture research centres⁶⁹

Agtech



Agtech and Logistics Hub
in Toowoomba fast-tracks tech
development + adoption

Agtech roadmap
due for release
in 2023



Queensland Smart Farms – a network of farms and industry
learning centres being developed to **advance agriculture +
food industries** through agtech innovation

Precision fermentation + novel protein production

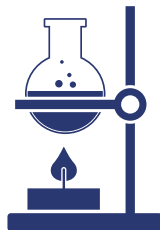


A\$1 million to develop
Future Foods BioHub in
Mackay

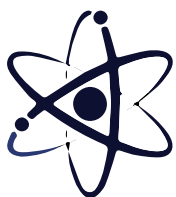
Home to **Australia's first public
biofoundry**, offering high
throughput DNA component
assembly, cell line engineering,
and analysis



Access to 100 small-scale
instrumented bioreactors
via Australia's **Food and
Beverage Accelerator**



Access to commercial
**biorefineries + pilot
plants**



**CSIRO's Advanced
Bioengineering Future
Science Platform** is in
Queensland

Food Pilot Plant in Brisbane
reduces risk in product
development

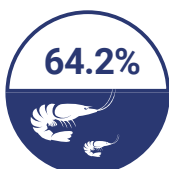


Aquaculture

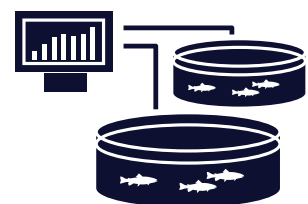


Highly developed
transport
infrastructure

Queensland's **fastest growing**
primary industry – aquaculture
– grew by 16.1% in 2021-22^{70 71}



Accounted for **64.2%** of total
fisheries production in 2021-22⁷²





Case study – Ceres Tag

Queensland-based Ceres Tag's animal health intelligence platform utilises on-tag analytics and data collection to provide farmers with animal-specific insights.

The smart tags track geospatial location, activity, methane emissions forecasts and feed efficiency which helps drive sustainability and biodiversity outcomes – and even assists with theft prevention.

What sets Ceres Tag apart is its plug-and-play design, eliminating the need for additional infrastructure, maintenance, subscriptions, or battery replacements. This innovation is revolutionising the scalable monitoring of biosecurity, animal welfare, performance, and supply chain traceability.

CEO and Co-founder David Smith emphasises: "Ceres Tag leveraged Queensland's advantage of being a major beef exporter to grow globally.

"With the support of the Queensland Government, we're keen to create a hub of other international animal health intelligence organisations in the southern hemisphere."

Ceres Tag is used by farmers in more than 30 countries and is making significant contributions to wildlife conservation, protecting species like rhinos, giraffes and koalas.



Case study – InFarm

Queensland agricultural intelligence company InFarm's proprietary Perception Platform is globally recognised as one of the most powerful big data and AI enabled solutions transforming agriculture – able to transcend geographical boundaries and connectivity constraints faced by farmers worldwide.

The platform is an intelligent technological system that derives understanding of the world through sensing and interpretation, and has an embedded ability to take action.

The capacity is versatile and powerful, and is exemplified by herbicide reduction for enhanced productivity and sustainability, and by transforming deserts into green grazing lands.

InFarm's clients and partners include some of the largest multinational technology, hardware and agricultural companies in the world such as Microsoft, Dell and Bayer.

Invest in Renewable energy

Powering Queensland's 80% renewable energy target by
2035 for a better tomorrow⁷³



Queensland is becoming recognised as an international powerhouse with 52 large-scale renewable projects operational or being developed in Queensland.⁷⁴ Twelve potential Renewable Energy Zones (REZs) will harness the best solar and wind resources in Australia.⁷⁵ Queensland companies and major global operators are expanding their presence in the renewable energy ecosystem by developing energy capture and storage solutions involving battery development and manufacturing.

The Queensland Energy and Jobs Plan (QEJP) outlines how Queensland's energy system will transform to deliver clean, reliable and affordable power for generations. By 2035, the Queensland SuperGrid is planned to have around 25GW of large-scale renewable energy generation.⁷⁶ This includes two world-class pumped hydros, new transmission lines and a range of other storage and firming technologies to achieve the State's renewable energy targets – 50% by 2030, 70% by 2032 and 80% by 2035.⁷⁷

Opportunities

Solar + wind

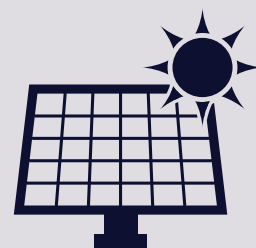
Queensland leads Australia in large-scale photovoltaic solar array deployment and has a large pipeline of solar projects in development. With a surplus of suitable land available and the benefit of almost year-round sunshine, Queensland is turning these natural advantages into investment opportunities – both in the design and development of new infrastructure and recycling at end-of-life. Additionally, with some of the strongest and most consistent wind resources in Australia, Queensland is rapidly developing a comprehensive wind energy profile that encourages new investment in wind generation.

Renewable hydrogen

Our State is committed to building a complete renewable hydrogen ecosystem – including energy generation, production, export, domestic demand, and downstream opportunities such as manufacturing and assembly.

Batteries

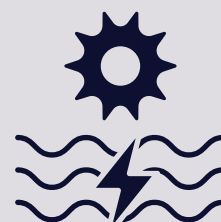
To grow Queensland's role in the battery supply chain, the Queensland Government is developing the *Queensland Battery Industry Strategy*. This will support Queensland's local industry for critical minerals, chemicals and advanced manufacturing. The Queensland Government will also develop an *Energy Firming and Storage Strategy* for release in 2024 to identify the infrastructure needs and encourage private sector investment in storage and firming.



*Queensland
Energy and Jobs Plan*



*More than a quarter
of Queensland's
energy comes from
renewables⁷⁸*



*9,500MW+
of renewable
energy capacity⁷⁹*



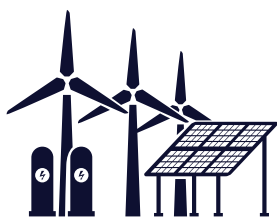
*A\$4.5 billion Queensland
Renewable Energy and
Hydrogen Jobs Fund*

The Queensland Government is incentivising long-term industry growth to cement Queensland as a new energy hub in the Asia-Pacific region.

It is also looking at ways to grow the existing manufacturing base, enhance the participation of current local suppliers for inputs – such as sub-components and services – and support the engagement of suppliers in adjacent sectors.

The Future Energy and Innovation Training Hub in Central Queensland is just one example, providing a sandbox to test out innovative new energy technology including wind, solar, hydrogen and battery storage.

Solar + Wind



1,026MW MacIntyre Wind Farm
under construction in
South West Queensland⁸⁰

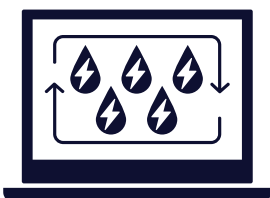


Approximately **1GW of wind + solar capacity** has come online since QEJP launched in 2022⁸¹



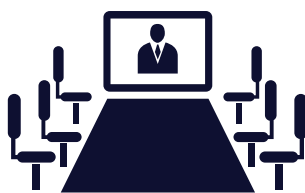
One in three homes now **powered by the sun**⁸²

Renewable hydrogen



50 projects – including clean ammonia – in progress across Queensland⁸⁴

A\$110 million+ invested under the *Hydrogen Industry Development Strategy 2019-2024*⁸³



Home to **Australia's first** Hydrogen Centre of Excellence vocational training facility

Free hydrogen-focused online learning programs run by CQUniversity for Queensland secondary school students

Batteries

Brisbane's *National Battery Testing Centre* provides validation and safety testing for **all types of batteries**



5 battery storage projects committed across Queensland⁸⁵



Case study – ENEOS

Japanese energy company ENEOS' commitment to realising a carbon neutral society recently grew stronger through the commissioning of its first solar farm in Queensland.

Located approximately 300km west of Brisbane, the 204MW Edenvale Solar Farm is jointly owned with fellow Japanese company Sojitz.

ENEOS Executive Regional Officer for Australia and Managing Director of ENEOS Australia Masahiro Echigoya said Queensland was an ideal location for ENEOS to develop renewable energy projects.

"Queensland has vast land resources, abundant clean, renewable energy sources, and well-

advanced infrastructure assets such as rail, ports, and its power grid.

"ENEOS is very proud to work closely with the Queensland Government and our business partners in the coming years."

In Brisbane, ENEOS is also undertaking a feasibility study with AMPOL to develop a sustainable aviation fuel plant, and has opened a mid-sized demonstration plant utilising their patented electrolysis technology – Direct MCH – to export hydrogen in the form of methylcyclohexane to Japan.



Case study – Redflow

Brisbane-based Redflow is a world-leader in the design and manufacture of zinc-bromine flow batteries – one of the world's safest and cleanest energy storage solutions.

An ideal solution for medium to long-duration energy storage, due to its unique design and the ability to be placed in hibernation mode for long periods without losing their charge, these batteries are manufactured from readily available low-toxicity materials and are fully recyclable.

Redflow has delivered over 3 GWh of energy-storage capacity to more than 270 active deployments across Australia, Africa, Asia, Europe and North America – enough for the daily energy needs of 160,000 standard Australian households.

According to CEO Tim Harris: "Redflow's flow battery is developed in Queensland and manufactured in our facility in Thailand, allowing us access to highly skilled local engineering capabilities and the ideal environment to develop and test our robust long-duration energy storage systems."

Invest in Resources + critical minerals

Our resource rich state is open for exploration



📍 Longreach

Queensland's established core base metals, LNG and metallurgical coal sectors place it at the forefront of global resource production. Our State offers investors access to significant mineral resources, reliable supply chains and a highly skilled workforce with deep industry knowledge.

Queensland is actively developing new operations involving precious, base and critical minerals. Opportunities in resource recovery through the reprocessing of tailings are emerging as the focus on responsible resource management and sustainability grows.

The Queensland Resources Industry Development Plan sets out a clear 30-year vision for Queensland's resources industry to be a resilient, responsible and sustainable industry that grows as it transforms.

Opportunities

Critical minerals + rare earths

Queensland has a rich endowment of metals and minerals – particularly cobalt, silica sands, graphite, vanadium and rare earth elements – that are vital to the development of emerging technologies and sectors. Queensland's critical minerals deposits are concentrated in the state's North West and North East Minerals Provinces, with smaller, high quality deposits in the Wide Bay Burnett Minerals Region.

The North West Mineral Province will be connected to the national electricity grid by the A\$5 billion CopperString 2032 project. This 1,100 km high-voltage electricity transmission line from Townsville to Mount Isa will provide energy certainty for the region and is the largest ever economic development project in Queensland.

The Queensland Government is supporting the extraction and production of critical minerals by constructing the Queensland Resources Common User Facility (QRCUF) in Townsville. The first of its size in Australia and the Asia-Pacific, this industrial pilot and demonstration facility will focus initially on vanadium processing, with capacity to expand to include other critical minerals.

Mining equipment, technology and services (METS)

Queensland's METS companies have a reputation for providing practical solutions for industry-leading clients across the world, delivering process optimisation, improving efficiencies and operating outcomes. They combine better data management and labour integration, while also boosting ESG commitments, health, safety and wellness. Their expertise will be a driving factor in helping mining operations around the world achieve their sustainability and net zero aspirations. The global success of Queensland METS companies has attracted international investment from major mining houses, original equipment manufacturers and institutional investors.



New A\$245 million
Queensland Critical Minerals Strategy



A\$106.5 billion
in **resources revenue**,
with over A\$11 billion in
minerals revenue
(FY ending June 2023) ⁸⁶



Openly available
mineral geophysics +
geochemistry source
data + analysis



\$520 million
Low Emissions Industry Partnership program to
fast-track emissions
reductions

Critical minerals + rare earths

CopperString 2032
to unlock potentially
A\$500 billion in critical
minerals deposits⁸⁷



A\$100 million *Critical Minerals and Battery Technology Fund*
to support new investments



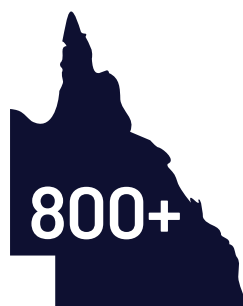
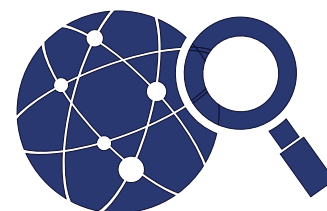
New economy
minerals accounted
for **17% of the value**
of **Queensland's**
resources industry
exports in the two
years to March 2022⁸⁸



**No-fee mineral
exploration
permits** for the
next five years⁸⁹

Mining equipment, technology and services (METS)

A\$7 billion revenue,
delivering A\$3.07 billion
in value-add for the
Queensland economy⁹⁰



METS companies
in Queensland⁹¹

Expansion of the **Resources
Centre of Excellence** in Mackay,
adding a **Future Industries
Development Hub** to support
emerging industry needs



Case study – Green Gold Technologies

Indonesian mineral project developer Green Gold Technologies is working with Heritage Minerals to reopen the Mount Morgan gold mine – once the world’s richest – in Central Queensland in 2024.

The project will utilise Green Gold Technology’s ReCYN Process to allow for the economic recycling of cyanide and the recovery of copper from the tailings. Gold is recovered through a conventional carbon process. This will

enable a substantial clean-up of the acid water contamination on the site which has been closed since 1990.

The Mount Morgan Tailings Processing and Rehabilitation Project is expected to produce 60,000 ounces of gold and 5,000 tonnes of copper annually, while employing 150 people once operational.



Case study – Vecco Group

Vecco Group is an integrated mining and manufacturing critical minerals business creating a vanadium battery supply chain in Queensland, the USA and Europe.

The Vecco Critical Minerals Mine will produce vanadium pentoxide, high purity alumina and rare earth elements – each product playing a key role in the energy transition.

Vecco Group has an operating vanadium electrolyte facility in Townsville producing 2ML (35MWh) of energy storage product.

This is the first vanadium electrolyte facility in operation in Australia and will be used for supplying local battery projects. The Townsville electrolyte facility will be expanded to 350MWh and Vecco Group is progressing with large scale electrolyte manufacturing facilities in Texas and Italy.

Vecco Group is also supplying electrolyte for a Sumitomo Electric vanadium battery that Energy Queensland will utilise in their network.

Invest in Urban development + infrastructure

We're building to accommodate the highest
population growth in Australia



Glass House Mountains

As Australia's most decentralised mainland state, with more than half the population living outside the capital Brisbane, Queensland's diversifying economy needs smarter infrastructure to support its ambitions for tomorrow.

The State Infrastructure Strategy 2022 outlines Queensland's infrastructure priorities and opportunities for private sector investment. Its 20-year vision focuses on connecting our State's regions, driving infrastructure performance and creating liveable communities.

Investors in Queensland will find opportunities in traditional areas, like construction, and new sectors that combine physical infrastructure with digital technology and innovation. *The Industry Capability Network Queensland* can help investors find new opportunities in both government and private sector major projects.

Opportunities

Construction + smarter infrastructure

Queensland has a strong reputation for ongoing public and private investment in catalytic infrastructure – led by roads, water distribution, sewage and wastewater, stormwater, and transport.

These projects represent excellent opportunities for investment as they are essential to unlocking Queensland's full potential.

Opportunities also exist to drive innovative approaches that better use existing infrastructure – such as integrating systems with device interconnectivity, sensor technology and data analysis.

Adopting smarter approaches to infrastructure is one the *State Infrastructure Strategy 2022*'s four guiding objectives.

Future-focused investment

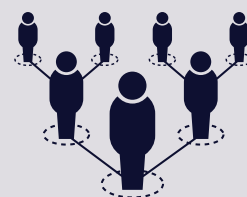
The Queensland Government is developing an overarching investment guide for private sector investment in infrastructure.

It will focus on matching industry and investor interest with targeted investment opportunities to support, catalyse, stimulate and lead long-term industry growth.

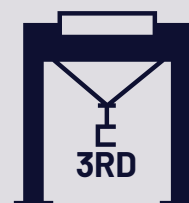
The aim is to drive decarbonisation efforts, develop the circular economy and better connect Queensland's regions.



Record 4-year
capital program of
A\$89 billion⁹²



58,000 jobs
directly supported
by **Queensland
Government's 2023-24
capital program**⁹³



Construction is
Queensland's third-largest
industry for employment⁹⁴

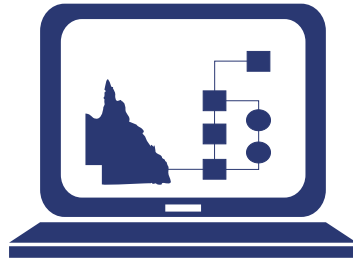


**Catalyst Infrastructure
Fund** to accelerate
delivery of essential
infrastructure within
**Priority Development
Areas**

Construction + smarter infrastructure

Queensland SuperGrid Infrastructure Blueprint

outlines the major electricity infrastructure required to **achieve 50% renewable energy by 2030**



A\$32.1 billion invested in road + transport projects over the next four years⁹⁵



A 300km² digital twin of Brisbane helped design and plan Cross River Rail – the largest piece of public transport infrastructure ever built in Queensland⁹⁶

Sunshine Coast included in the world's **top 21 intelligent communities** in 2023⁹⁷



Accelerating the infrastructure pipeline for a growing Queensland to be ready for the **Brisbane 2032 Olympic and Paralympic Games**

The Maroochydore City Centre will utilise Australia's first wide-scale **underground automated waste collection system**⁹⁸





Case study – G:link

Major Japanese conglomerate Marubeni is expanding its long-term commitment to transportation and social infrastructure in Queensland by reinvesting in the latest stage of G:link – the Gold Coast’s light rail network.

Stage 3 will extend the network 6.7km from Broadbeach South to Burleigh Beach, adding 8 stations and seeing the existing depot and stabling facilities upgraded.

G:link currently boasts 19 stations and over 20km of track that links key train stations with tourist destinations, major suburbs, and higher education and health facilities. It has carried more than 60 million passengers to date.

Marubeni has been involved in this public-private partnership as an equity investor since Stage 1 in 2011.





Next steps to invest

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We look forward to becoming your trusted partner from idea to reality, and throughout the lifespan of your project.

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