

Queensland Government's Priority Industries

Priority Industry	Definition and description	Links
Advanced manufacturing	<p>Advanced manufacturers use and integrate new technologies, design and innovative production and customer engagement systems to produce high-value products and smart services across industry sectors. Advanced manufacturing incorporates market products and a range of activities from design and research and development (R&D) to production, distribution and after-sales services. It includes:</p> <ol style="list-style-type: none"> 1. collaborative R&D and design-led thinking 2. innovative business models and effective supply chain capabilities 3. the effective use of disruptive technologies, systems and cutting-edge materials 4. a focus on customisation and exports world-best practices and processes <p>new ways to manufacture existing products and the manufacture of new products</p> <ol style="list-style-type: none"> 5. the provision of high-value-added services and innovative solutions. 	https://www.rdmw.qld.gov.au/manufacturing/strategy/advanced-manufacturing-roadmap-action-plan
Aerospace	<p>Aerospace businesses provide goods and services across all aspects of the design, development, manufacture, modification, testing, operation and maintenance of all flight vehicles and their on-board and ground systems.</p> <p>The aerospace industry comprises the wide range of entities involved with the research, design and development of flight vehicles and equipment, as well as the support of these activities. Flight vehicles include aeroplanes and rotorcraft, UAS, rockets, missiles and spacecraft such as satellites. Key activities within the aerospace sector include: Aerospace equipment manufacturers and suppliers; Maintenance, repair and overhaul services; Space technologies; Emerging technologies.</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/aerospace
Agriculture and food Research Development and Extension	<p>Innovation offers opportunities to grow the agriculture and food sector through the application of new and novel ideas, research and technology. Supporting research, development and extension (RD&E) activities is critical to realising these opportunities and harnessing the benefits of innovation to grow the agriculture sector.</p>	https://www.daf.qld.gov.au/business-priorities/agriculture/rde/roadmap-action-plan
Biofutures	<p>The term 'biofutures' broadly refers to the industrial biotechnology and bioproducts sector. This sector focuses on the development and manufacturing of products from sustainable organic and/or waste resources, rather than fossil fuels. It encompasses a spectrum of innovative scientific and industrial technologies designed to convert sustainable feedstocks or waste into a diverse range of bioproducts.</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/biofutures
Biomedical	<p>The Queensland biomedical roadmap focusses on human and animal healthcare, leveraging existing biomedical strengths and emerging capabilities, including:</p> <ol style="list-style-type: none"> 1. immunology and vaccine development and delivery 2. biologics 3. precision medicine 4. infectious and tropical diseases 5. immunotherapy 6. genomics and data 7. rapid response to emerging global biomedical threats 8. convergence (smart devices, implants and bionics; and diagnostics and informatics) 	https://www.statedevelopment.qld.gov.au/industry/priority-industries/biomedical

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Defence	<p>Queensland's defence industry is a significant innovator, supporting other high-value sectors such as advanced manufacturing, aerospace, automotive, communications, electronics, information technology, marine and medical technologies.</p> <p>Defence industries are businesses that are 'actually or potentially involved in supplying military capability and/or are influenced by defence business policies or purchasing decisions'. They encompass research and development, engineering, manufacturing, and the service of military materiel and facilities across air, land and sea domains. Examples include ballistics, vehicles, medical equipment, electronics, surveillance systems, and fabrication of military equipment, such as vehicle trailers and liquid tankers.</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/defence-jobs-qld/qld-defence-industries-roadmap
Hydrogen	<p>Renewable hydrogen is produced without the use of fossil fuels. Most commonly, renewable energy such as solar or wind is used to generate carbon-neutral (and sometimes carbon-negative) hydrogen or hydrogen derivatives. Hydrogen (or biofuels) can also be produced from residual biomass of other waste streams such as municipal solid waste. When used within a fuel cell, hydrogen is part of a catalytic process that generates electricity without combustion, eliminating greenhouse gases (GHGs) and air pollutants.</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/hydrogen-industry-development
Mining equipment, technology and services (METS)	<p>Using enabling remote technologies and deep mining research and industry expertise to enhance the knowledge intensity of the entire mining chain, from exploration to mine remediation.</p> <p>Queensland's METS sector supplies equipment, technical, safety and other services to both the mining and oil and gas industries. This includes education, mine rehabilitation and remediation, mining technologies and contract service provision (e.g. scientific, technical and professional services).</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/mets
Screen	<p>Screen infrastructure and businesses are largely located in South East Queensland, however talented and skilled practitioners and companies based across the state have created smaller screen hubs attracting national and international productions.</p> <p>The screen industry encompasses film, television, games, streaming or subscription video on demand (SVOD), and other interactive platforms.</p>	https://advance.qld.gov.au/screen-industry
Resource recovery	<p>The Queensland Resource Recovery Industries 10-Year Roadmap and Action Plan is a key action under our Waste Management and Resource Recovery Strategy (Waste Strategy), which sets the high-level agenda for the future of waste management and resource recovery in Queensland.</p> <p>Resource recovery industries encompass the full waste supply chain, from collection and transfer to sorting, remanufacturing and the production of energy-from-waste (EfW). In Queensland, the most common facilities undertaking resource recovery activities are composting facilities for organics (mostly open windrow), material recycling facilities (MRF) for specific recyclable materials, and construction and demolition waste processing facilities. There are discrete facilities using technologies such as anaerobic digestion, mechanical-biological treatment (MBT) and thermal waste-to-energy processes although these are not widespread.</p>	https://www.statedevelopment.qld.gov.au/industry/priority-industries/resource-recovery
Tourism	<p>The Queensland Government's tourism strategies will deliver greater investment in new tourism products and infrastructure, as well as jobs and skills now and for the future.</p> <p>Tourism strategy aims to increase market share and boost tourism jobs by targeting four priority areas: grow quality products, events and experiences; invest in infrastructure and access; build a skilled workforce and business capabilities and seize the opportunity in Asia.</p>	https://www.dtis.qld.gov.au/tourism/tourism-strategy