



Keeping Queensland Moving



ECONOMIC RECOVERY BLUEPRINT FOR TRANSPORT

The Department of Transport and Main Roads – Connecting Queensland

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Foreword

MESSAGE FROM THE DIRECTOR-GENERAL

Queensland's transport sector connects communities and underpins the prosperity, liveability and sustainability of our state.

Nearly 1013 million tonnes of freight and 200 million passengers move around Queensland each year, relying on Australia's longest road and rail network to access employment, essential services and consumer markets both here and overseas.

Since the onset of the COVID-19 pandemic, maintaining critical supply chains and community connections has become more important than ever; and building and maintaining trust in Queensland's transport sector is crucial for growing new jobs and driving economic recovery in our regions.

The *Keeping Queensland Moving: Economic Recovery Blueprint for Transport* is the Queensland Government's economic development and recovery blueprint for the transport sector. It outlines six recovery priorities to keep our state moving and getting Queenslanders back to work in more jobs and more industries.

The recovery blueprint supports *Queensland's Economic Recovery Strategy: Unite and Recover for Queensland Jobs* by outlining and focusing on a range of action areas and measures that maintain and deliver an accessible, safe, sustainable, responsive and efficient transport system.

The Department of Transport and Main Roads is also accelerating the delivery of the Queensland Transport and Roads Investment Program 2020–21 to 2023–24 (QTRIP) which consists of a whole host of transport and road infrastructure projects the Queensland Government will deliver to meet the needs of our rapidly growing state.

The QTRIP includes \$26.9 billion of works over a four-year period and will support an estimated 23,600 direct jobs over the life of the program, supporting Queensland's economic recovery through COVID-19.

The QTRIP program will drive transport infrastructure development across south-east and regional Queensland, supporting local communities, businesses and industry stakeholders, and ensuring that Queenslanders have a safe, efficient and integrated transport network.

Achieving these outcomes requires extensive collaboration across the sector, with customers, industry and the Queensland Government; working together to help rebuild a stronger and more resilient economy.

The Department of Transport and Main Roads will also continue to monitor the impact of COVID-19 on our transport system and will ensure continuity of responding swiftly, efficiently and appropriately to help *Keep Queensland Moving*.



Neil Scales OBE
Director-General
Department of Transport and Main Roads

At a Glance

Industry snapshot

Queensland's transport industry plays an important role in helping the state grow.

Transport is an integral part of doing business in some of Queensland's largest industries like tourism, construction, energy and agriculture. It influences other industries' productivity and costs by facilitating a wide range of economic interactions that ultimately determine the competitiveness of businesses in accessing supplies and connecting goods to markets.

An accessible, sustainable and efficient transport sector that reduces the cost of doing business means a strong Queensland economy.

Our transport network is Australia's largest and most diverse. Queensland has a road network extending more than 33,360 kilometres and a rail network covering more than 6,600-kilometres. In 2018-19, around 200 million passenger trips occurred, and 1,013 million tonnes of freight was moved across the state. There were also 3,250 taxi licences and 17,118 booked hire licence holders in operation.¹

We also have an extensive network of ports and maritime infrastructure that are Queensland's gateway to the world. During 2018-19, almost 360 million tonnes of cargo moved through Queensland's 21 declared ports.¹ This included nearly 22,000 ship movements through the ports and almost 12,000 ship movements in the Great Barrier Reef and Torres Strait Vessel Traffic Service (Reef VTS) monitored region.¹

The impacts of COVID-19 pandemic on Queensland's transport sector have been varied and wide-ranging, impacting how people and goods move around the state and beyond. In 2019-20, Queensland's transport, postal and warehousing accounted for almost 6 per cent of the state's Gross State Product (GSP) and added over \$19.2 billion to our economy.²

While the transport sector has played an important role in sustaining the movement of critical freight and supplies during the pandemic, it has also been impacted by the massive disruption affecting global supply chains. Total trade volumes at the Port of Brisbane were down by nearly 25 per cent in April compared to the same period in 2019.³ Moreover, employment has been negatively impacted, with employee jobs in the Transport Postal and Warehousing industry down 4 per cent as of 13 June since COVID-19-related restrictions were imposed.⁴

Passenger transport use has also been impacted as people work from home and adhere to social distancing directions. The number of people getting around Brisbane by bus, train, ferry and tram fell rapidly in mid-March, with patronage declining around 75 per cent from pre-COVID-19 levels.⁵

As the state reopens, and more people and goods begin to move around Queensland's transport network, the sector's role in supporting these movements is vital for boosting our economic recovery and backing jobs.

¹ Department of Transport and Main Roads 2019, 'Annual Report 2018-19'

² Australian Bureau of Statistics '5220 Australian National Accounts: State Accounts, 2018-19'

³ Port of Brisbane 2020, 'Monthly Trade Statistics' data

⁴ Australian Bureau of Statistics 2020, 'Weekly Payroll and Wages in Australia, Week ending 13 June 2020'

⁵ Department of Transport and Main Roads 2020, 'Public transport patronage and go card usage' data

At a Glance

What we've heard

The transport sector has played an important role keeping Queenslanders connected since the onset of COVID-19. Public transport has continued to provide a vital community service by linking people to work, essential shopping and healthcare services; and our cycling and walking paths have gotten busier as people exercise in a safe, socially-distanced way. Queensland's freight and maritime systems have also played a crucial role in transporting essential goods and services across the state and nation, ensuring communities stay connected.

The Department of Transport and Main Roads has continued to engage with a wide range of customers and stakeholders during the COVID-19 pandemic as part of its role in keeping the state moving. This engagement revealed a number of key themes that have informed the development of the *Economic Recovery Blueprint for Transport* (the blueprint) and include a range of transformative opportunities identified by the sector as part of its contribution to supporting Queensland's economic recovery.

Pursuing opportunities for resilience and sustainability

Building and maintaining trust in Queensland's transport system as the state recovers is crucial for supporting businesses and the community. As a priority, we have kept public transport at full service to support essential workers, support social distancing and keep sectors moving. Opportunities to provide safe, sustainable and environmentally-friendly travel choices will also be generated through targeted investment as people begin to return to work and normal daily routines.

Right-sizing regulation through targeted reform

Boosting collaboration and working with industry to identify targeted reforms will unlock productivity benefits and facilitate a faster and more sustainable economic recovery in Queensland. By adopting a pragmatic and flexible approach where necessary, the Queensland Government can work together with the sector to protect health outcomes and ensure the availability of goods and essential services. This includes progressing the long-term reforms required to modernise regulation.

Leveraging the power of digital and data

The transport sector will continue to invest in digital capabilities that support enhanced productivity, greater transparency and streamlined ways of working. Embedding new technologies and data-driven approaches will deliver an important foundation for the sector to thrive in a post-COVID-19 environment, growing jobs through exporting new products and ways of doing business to the world.

At a Glance

What we have done

Slowing the spread of the virus

TMR took measures to immediately respond to the COVID pandemic, including:

- Promoting the Queensland Health messaging around social distancing and personal hygiene was critical considering the significant amount of interaction TMR have with the general public, particularly on public transport and through our Customer Service Centres.
- Deploying Transport Inspectors to support Queensland Police Service at border check points as well as using our billboards and variable message signs to amplify the border restriction messaging
- Supporting the whole of government approach to work in partnership with remote Aboriginal and Torres Strait Islander councils so that local leaders could make decisions for their communities' safety and well-being and then supporting the mayors and CEOs of Aboriginal and Torres Strait Islander councils who restricted travel into their communities, limiting visitors, except for those people delivering essential services
- Manage our ports, enhancing reporting and monitoring of all vessels entering Queensland port pilotage areas.
- Supporting the Australian Government restrictions on cruise ships from foreign ports and engaging with port authorities and industry partners to ensure their business continuity plans were updated and tested.
- Working with industry and Queensland Health, Maritime Safety Queensland has developed a code-of-conduct protocol covering crew changes involving intrastate travel to supplement National Cabinet and Australian Border Force directives. A key aspect is the provision of isolated and segregated travel for those participating in a crew change within Queensland

In addition, to support the health and safety of customers and staff, TMR has:

- Worked with our public transport partners to increase cleaning and make appropriate changes to our operations (for example, cashless transactions on public transport in SEQ and rear door boarding for buses).
- Undertaken interstate jurisdiction collaboration to develop national protocol on using public transport safely.
- Delivered the COVID-19 Safe Public Transport Plan, including providing an extra 960 buses and 105 trains in service between Monday and Friday, from 10 August, to provide more services during travel shoulder periods and assist with social distancing.
- Introduced a concierge function at some Customer Service Centres to help manage the number of people in centres and ensure social distancing.
- Encouraged customers to use our online services wherever possible.
- Continued actively working with Queensland Health to assist in the development of a COVID-19 Barometer. The barometer is a dynamic scenario modelling platform to assist in the prediction of COVID-19 transmission based on population activities and mobility. When fully developed, the model will provide insights into the role of the transport system in the management and prevention of COVID-19 transmission.

Assistance measures

TMR supported industry and Queenslanders to manage the financial pressures of the crisis:

- **\$54.5 million package to support transport industry partners** – including:
 - funding for regional aviation to maintain vital air links with regional towns
 - support for regional buses and ferries to continue operating.
 - a continuation of a freeze on registration charges for heavy vehicles for a year
- **\$23 million taxi support package** — to provide one off and upfront payments to operators, licence holders and booking entities of between \$1000 and \$3000 per vehicle.

Other assistance measures to support Queenslanders and industry partners include:

- Changing the medical certificate requirements for drivers aged 75 and over so they could stay home.
- Enabling easier de-registration and re-registration of vehicles for both for individuals and businesses,
- Waiving learner licence renewal fees following the suspension of practical driving tests.
- Support for regional aviation to continue running services to keep some of our most remote regional centres connected.
- Continuing to support local contractors, subcontractors and suppliers by:
 - Structuring the delivery program to ensure opportunities for the full spectrum of industry across South East Queensland and in Regional Areas
 - Actively implementing Queensland's Procurement Policy requirements including:
 - Applying a local benefits test for significant procurement activities
 - Implementing the Queensland Indigenous Procurement Policy
 - Implementing the new Small and Medium Enterprise Procurement Target

The road out

The Queensland Government has kept the state's economy moving during the COVID-19 pandemic through a range of response actions in Stage One of the Economic Recovery Strategy. A key part of this response has been around transport infrastructure expenditure. A number of transport investment packages and initiatives have been approved and progressed to support Queensland's economic recovery. These investments are critical to support Queenslanders and local businesses, creating jobs across the state and supporting regional and remote areas. As well as providing important construction jobs, these investments also provide: improved connectivity for communities, including enhanced access to goods, services, and employment opportunities; improved connections for businesses across the state with growth opportunities in local, inter-state and international markets; and, improved efficiencies in regional supply chains.

These transport investment packages and initiatives include:

- **\$50b Infrastructure Guarantee** — maintaining the current State infrastructure investment program at \$51.8 billion over the next four years 2019-20 to 2022-23. This infrastructure program includes the accelerated delivery of our \$26.9 billion **Queensland Transport and Roads Investment Program 2020-21 to 2023-24 (QTRIP)**. The QTRIP program will deliver a pipeline of transport and road infrastructure improvements and is estimated to support an average of approximately 23,600 jobs, including 13,500 in regional Queensland.
- **\$440.25 million road upgrades program** – the Queensland Government is providing a \$400 million state funding injection over three years towards a \$440.25 million program of road upgrades, supporting 430 direct jobs across Queensland, of which 360 will be supported in regional Queensland. This initiative comprises 15 capital upgrade projects, as well as \$200 million for capital road network resilience packages, focussed on delivering pavement strengthening and widening of key freight routes, strengthening and replacing ageing bridges and culverts and progressive sealing of sections of unsealed roads in regional and remote areas of Queensland.
- **\$415 million to unlock hundreds of infrastructure jobs in Queensland** — the Australian and Queensland Governments will support approximately 670 infrastructure construction jobs across Queensland by jointly investing an additional \$415 million to deliver shovel-ready infrastructure projects and urgent road safety upgrades to improve network resilience, safety, accessibility and flood immunity and further support Queensland's recovery from the COVID-19 pandemic. The program consists of \$265 million in capital upgrade projects, including \$158 million for a Regional Economic Enabling Fund, to deliver upgrades to regional roads that support economic and regional growth and sustain local employment. As part of this package, \$150 million will also go towards targeted road safety works across the State, including wide centrelines and audio tactile line marking, shoulder widening and safety barriers.
- **\$185 million to start roadworks sooner** — accelerated investment to upgrade key inland freight corridors to boost road construction jobs for regional Queensland communities, as part of the *Roads of Strategic Importance* initiative, which is jointly-funded by the Australian and Queensland Governments. The roadworks are estimated to support approximately 180 jobs over the life of the program.
- **\$1.9 billion Inland Rail Bilateral Agreement associated Investment Package** – comprised of a jointly-funded road and rail package of accelerated and new funding, delivering more than 7000 jobs.
- **\$200 million Works for Queensland COVID Recovery Package** — to support local jobs and Local Governments with funding for building productive infrastructure.
- **\$2.3 million package to support port businesses across Far North Queensland** - to provide rental relieve for the region's tourism, resources and seafood sectors, in addition to the \$3 million package announced in February for operators at the Cairns Marina as part of the response to COVID-19. The package also extends support to businesses operating out of the industrial and freight cargo areas plus cafes and restaurants in the Harbour Lights area and hotels.

- **Up to 60 per cent off the price of tickets for long-distance rail to support regional tourism** – The 'Queensland Escape sale' means Queenslanders can receive huge price discounts, supporting them to get out of the house and travel across the state. Queensland Rail has reinstated reduced and suspended travel and tourism services gradually from mid-July, with most services now fully restored.

The road ahead

Vision

The transport system drives our economic recovery, connecting Queensland businesses to growth opportunities and people with employment through a single integrated transport network accessible to everyone.

Recovery phases

Queensland's economy moves quickly, and our response must too.

This blueprint sets out transport's role in supporting Queensland's economic recovery, ensuring businesses across the state can re-open with confidence and are connected to growth opportunities in local, intra-state, inter-state and international markets through a safe accessible, sustainable and efficient transport system.

It provides information about a range of targeted initiatives for the transport system that support these economic recovery objectives across each stage of Queensland's response.

1. Sustain

April to September 2020

Ensure communities and industries stay connected to vital goods, labour and essential services through targeted transport system investment that promotes economic activity. Provide financial assistance packages, alongside measures to support the health and safety of Queenslanders. A range of transport investment packages have been approved and progressed to support Queensland's economic recovery. Accelerated project planning and delivery for our \$23 billion Queensland Transport and Roads Investment Program 2019-20 to 2022-23 will further support jobs and Queensland's economy.

2. Transition

September 2020 to June 2021

Provide continued support to the transport sector to identify and test new technologies and optimise the performance of the transport system to boost Queensland's economic recovery, support jobs and industry.

3. Transform

June 2021 onwards

Drive economic prosperity through an innovative transport system that is resilient to future system and network shocks and continue delivery of a single integrated transport network accessible to everyone.

The road ahead

Recovery initiatives

This blueprint supports *Queensland's Economic Recovery Strategy: Unite and Recover for Queensland Jobs* by outlining a range of targeted measures that support Queensland industries to continue to grow, like agribusiness and resources, as well as those facing a long and difficult recovery, including our tourism and construction sectors.⁶

Strengthening Queensland's industries	Building vital infrastructure	Enabling future growth
Supporting supply chains	Strengthening our regions	Harnessing smart infrastructure and new technologies
Building system resilience and sustainability	Encouraging Queenslanders to stay active	Supporting the transport sector to innovate

The Blueprint complements the recently released 30-year Queensland Transport Strategy by accelerating work to steer Queensland towards our preferred transport future.

The Department of Transport and Main Roads will deliver this blueprint in partnership with other Queensland Government agencies, the Commonwealth and local governments where appropriate, the transport and logistics industry, businesses across the state and our regional communities.

⁶ Queensland Government 2020, 'Queensland's Economic Recovery Strategy: Unite and Recover for Queensland Jobs'

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Supporting supply chains

For businesses to grow and thrive, the transport sector needs to provide efficient and accessible connections to consumer markets. Ensuring these critical connections can move goods quickly and cost-efficiently will provide businesses with the confidence to re-open and pursue growth opportunities in new markets.

Queensland's freight system and vital maritime links will be key enabler of economic growth in a post-COVID-19 environment. Supporting industries as they adapt to new ways of operating will require the sector to work together and provide a wide range of options for businesses in how they access markets both here and abroad. This includes connectivity to rail, port and intermodal facilities in regional areas.

Our state has an extremely diverse freight system that includes different transport modes, a mix of public and privately-owned infrastructure and facilities (including ports); as well as a large transport and logistics workforce. Improving the efficiency and productivity of Queensland's freight system through technology, increased network access and new infrastructure will also help to unlock bottlenecks and create new supply chains, driving economic growth.

We will continue prioritising:

- **Building and maintaining infrastructure to support an efficient and reliable freight system that connects with markets and consumers** – alongside delivering QTRIP, we will continue to maintain and upgrade existing infrastructure, including regional bridges, to unlock freight system productivity and provide greater access for heavy and high productivity vehicles (HPVs).
- **Encourage connections across different modes to deliver an integrated freight system**
- **Supporting the use of new technologies and decision-making tools** – in the planning and maintenance supply chains.

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Building system resilience and sustainability

The COVID-19 pandemic has demonstrated the importance of ensuring our state stays connected and is able to support the movement of people and goods during periods of disruption. Better planning, smarter infrastructure, early warning sensors and connected in-vehicle technologies will help to improve the sector's resilience in a range of disruption scenarios.

Queensland is the most natural disaster impacted state in Australia, and the transport sector will be exposed to some inevitable, long-term effects of climate change, such as more severe weather events.

Being able to withstand natural disasters and other system shocks is crucial for maintaining key supply chains and offering a range of transport alternatives, allowing goods and people to move around Queensland safely as soon as practically possible. This includes the Department of Transport and Main Roads using Erobés à Module Elevé Class 2 (EME2) asphalt technology to deliver longer-lasting, more fatigue-resistant roads.

As the state continues to recover, there are also opportunities for the transport sector to embrace greener and more sustainable practices that protect Queensland's unique natural capital. New technologies, alternative fuel sources and green infrastructure will help the sector to realise long-term goals of reduced emissions and decreased transport costs. This will help achieve the Queensland Government's objective of achieving zero net emissions by 2050.

We will continue prioritising:

- **Improving network resilience** – continue to invest in our 33,367 kilometres of roads, 3,119 bridges and 4,804 major culverts to maintain the state-controlled road network in a safe and serviceable condition.
- **Encouraging the use of new technologies, materials and innovative infrastructure solutions to achieve net zero emissions** - Adopting a whole-of-life approach to transport emissions by encouraging the use of greener technology, practices and energy sources, such as hydrogen, across the planning, design, delivery, operation and maintenance of infrastructure and services.
- **Boosting the already bright future for Electric Vehicles (EV) in Queensland** - Partnering with industry and local governments to encourage the uptake of EVs and deliver the Queensland Electric Super Highway, a network of fast EV charging stations from Cairns to South East Queensland and Toowoomba.
- **Building a transport and infrastructure sector that is resilient to Queensland's changing climate** – Promoting sustainable practices and adoption of alternative fuel sources that reduce the transport sector's impact on the state's natural environment.
- **Using new datasets and predictive analytics to better manage disruptions** – analysing broad datasets including traffic systems, weather, social media, and public transport ticketing data to better predict where disruptions may occur, who will be impacted, and how these impacts can be minimised to improve travel time reliability and the efficiency of our network

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Strengthening our regions

Queensland's transport sector is as diverse as the state it connects. Stretching from tropical north Queensland to the Gold Coast, out to regional towns like Birdsville and across to the many islands off our coastline, the sector plays an important role in supporting local economies and jobs.

As Queensland's economy continues to recover, industries that are traditionally based in regional areas like tourism, resources and construction will need support to get moving again. The transport sector is well-positioned to boost emerging industries, like agribusiness and hydrogen, through building and maintaining transport infrastructure to connect them with new markets.

Building and maintaining infrastructure can also generate employment outside of the jobs required to deliver projects. Local construction has a multiplier effect, supporting regional supply chains that provide materials, expertise and other goods and services required to deliver transport and roads projects. From hardware stores, service stations to traffic management and control – delivering infrastructure supports more than just the transport sector.

We will continue prioritising:

- **The accelerated delivery of our \$23 billion Queensland Transport and Roads Investment Program (2019-20 to 2022-23) and the transport investment packages and initiatives to support Queensland's economic recovery** – Improving community connections, freight efficiency and road safety of regional road and transport networks.
- **Maintaining and developing critical connections across our communities and regions** - Ensuring workers can access employment and that communities are connected with essential services (including healthcare) by continuing to support Queensland's passenger transport industry.
- **Delivery of reliable, convenient, accessible and seamless passenger transport** – Providing accessible and inclusive passenger transport, improving interchanges to enable convenient transfers between services and expanding our bus priority network to make getting around Queensland more reliable, accessible and easier.
- **Meeting changing infrastructure needs with targeted investment** - Improving network performance and flexibility by prioritising funding for initiatives that make better use of existing assets, enabling the network to support Queensland's regional industries as they adapt to new ways of operating.

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Encouraging Queenslanders to stay active

Queenslanders love being active and taking advantage of our state's unique environment to get out and about. During the COVID-19 pandemic, our footpaths and cycleways became busier as people exercised in a safe, socially-distanced way. Encouraging Queenslanders to maintain these habits as our state re-opens will be important for supporting local economies, promoting active transport for work commutes and building healthy communities.

When people walk and cycle, even as part of an overall trip, it supports the vitality of our cities and towns by encouraging a sense of community and connectedness. Well-planned walking and cycling infrastructure often pays for itself in health benefits and reduced traffic congestion. It can also promote jobs, increase tourism and contribute revenue to local businesses by encouraging people to shop small and more often. Through initiatives like safe and accessible paths, dedicated infrastructure and awareness campaigns, the transport sector can make cycling and walking more attractive for residents and visitors.

Prioritising active transport in a post-COVID-19 environment will improve the liveability and sustainability of our regions, supporting healthy lifestyles and maintaining critical community connections.

We will continue prioritising:

- **Building an integrated cycle network that keeps Queenslanders moving** – Continue the strategic planning and delivery of an integrated cycle network that boosts cycling participation.
- **Encouraging better sharing of our roads and public spaces** - Investing in technology, infrastructure and educational initiatives that promote the safe use of roads and public spaces by all users.
- **Integration of walking, cycling and public transport**, building and connecting active transport infrastructure and routes, alongside improved signage and wayfinding, to make it easier and more comfortable for all types of people to cycle and walk as an everyday activity.

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Harnessing smart infrastructure and new technologies

Smart Infrastructure and Communications Technology (ICT) is transforming the way transport infrastructure is planned, built, maintained and managed - simplifying construction, driving greater efficiencies in asset maintenance and boosting productivity through intelligent operations. Smart ICT can also help to optimise how existing infrastructure assets are used, allowing the Queensland Government to redirect new infrastructure funding to where it will have the greatest impact.

Emerging technologies will also help the transport sector to anticipate business and customer needs in real-time as we begin moving across the state again. The Department of Transport and Main Roads is continuing to plan for the introduction of cooperative and automated vehicle (CAV) technology and emerging service models for transport – such as Demand Responsive Transport and Mobility as a Service (MaaS). MaaS can seamlessly combine all available transport options, allowing customers to compare, plan, purchase and track their end-to-end journeys through a single platform.

Digital infrastructure can also drive a technology-enabled freight sector, with digital supply chains providing a more efficient and responsive freight system. This is supported by regional digital infrastructure projects, such as the QCN Fibre initiative to improve internet connections and can also leverage from innovation regional hubs and Artificial Intelligence capabilities to support business and help Queensland's economic recovery.

Queensland is leading the way, leveraging new technologies in our transport and roads projects to deliver vital infrastructure the state needs on-time and within budget. This experience means there are opportunities to grow a world-leading smart ICT and digital transport sector in the state and export our knowledge to drive further innovation and employment.

We will continue prioritising:

- **Maximising the value of transport data for decision-making** - continue reciprocal data-sharing with industry partners and government agencies.
- **Leveraging cloud-based platforms to boost economic outcomes** - Progressing the *Transport Data Exchange* to integrate and improve transport data management, access and collaborative decision-making.
- **Delivery of Smart Ticketing to support efficient and seamless journeys** – delivering a new state-wide public transport ticketing system that will enable customers to pay for travel using contactless debit and credit cards, smartphones and wearable devices, as well as current payment methods such as *go* card.
- **Attracting new investment in Queensland's transport sector** - encouraging a wide range of government and industry partnerships through developing a transport technology opportunity statement.
- **Harnessing technology to improve accessibility** – developing digital solutions to enhance access to passenger transport information and services including digital wayfinding, virtual bus hailing, and hands-free access at station gates.

The road ahead

Strengthening Queensland's industries

Building vital infrastructure

Enabling future growth

Supporting the transport sector to innovate

The transport sector involves a wide range of stakeholders that work together every day to move people and goods across the state. Building on these already strong partnerships to support Queensland's economic recovery will ensure the transport sector, including civil construction, continues to support our state's recovery.

Working together, partners from across the transport sector can focus on improving the affordability of moving goods and people across the state. Government also has an important role, delivering targeted reforms that right-size regulation and encourage sector innovation. Establishing mutually-agreed standards that share responsibilities among government, industry and consumers will help to create safe and inclusive regulation that supports economic growth.

Industry plays an important role in developing and adopting innovative transport solutions that drive transformational change in the sector. Bringing together an 'ecosystem' of partners from across the sector, Queensland's world-class, higher education facilities and governments will help turbo-charge efforts to develop and deliver innovative technologies and solutions. In a post-COVID-19 environment, innovation will ensure local jobs and economies can adapt to new ways of operating quickly and to pursue growth opportunities through an accessible, sustainable and efficient network.

We will continue prioritising:

- **Building the skills and capabilities of Queensland's transport workforce** – Continuing to support the transport sectors workforce through a range of government and industry partnerships, education and development initiatives.
- **Modernising regulation to support growth and enhance productivity** - Identifying necessary reforms to ensure Queensland has a competitive transport sector that does not create barriers for growth and encourages innovation.
- **Supporting the sector to grow jobs and accelerate transformation** - Partnering with Queensland's world-class higher education sector to investigate how new transport innovations can catalyse growth and transform current ways of operating.
- **Reshaping how transport and roads projects are delivered to encourage the use of local businesses and materials** - Promoting opportunities and best practice principles in the delivery of new infrastructure projects to encourage local participation and the use of Queensland materials, where possible, supporting regional supply chains and employment.

Supporting critical Queensland industries

This Transport Recovery Roadmap supports Queensland's economic recovery and critical industries across the state. Our priorities detailed in this blueprint will support other sectors by, amongst other things:

- Improving access to supply chains, delivering an efficient and productive freight system
- Building transport system resilience to reduce supply chain disruption and support business.
- Building and maintaining infrastructure, generating employment in construction
- Providing an efficient transport system that supports tourism, including improved access that supports regional economic recovery.
- Provide greener transport, harnessing technology to provide a more sustainable and environmentally resilient transport system
- Delivering active transport infrastructure to support healthy lifestyles

Table 1 below provides some indicative, direct links between this transport blueprint's economic recovery priorities and industry.

Table 1: Industry linkages to our transport priorities

Transport - Economic recovery objective	Our transport priorities	Industry priorities
Supporting supply chains	Building and maintaining infrastructure to support an efficient and reliable freight system that connects with markets and consumers	<ul style="list-style-type: none"> • Agriculture • Manufacturing • Small business • Supply chain and logistics • Trade and investment
	Encourage connections across different modes to deliver an integrated freight system	<ul style="list-style-type: none"> • Environment • Supply chain and logistics • Small business • Trade and investment
	Supporting the use of new technologies and decision-making tools	<ul style="list-style-type: none"> • Research, innovation and emerging industries • Supply chain and logistics • Trade and investment
Building resilience and sustainability	Improving network resilience	<ul style="list-style-type: none"> • Agriculture • Building • Infrastructure • Manufacturing • Small business • Supply chain and logistics • Tourism • Trade and investment
	Encouraging the use of new technologies and innovative infrastructure solutions to achieve net zero emissions	<ul style="list-style-type: none"> • Environment • Nature-based employment • Research, innovation and emerging industries • Trade and investment
	Boosting the already bright future for Electric Vehicles in Queensland	<ul style="list-style-type: none"> • Environment • Nature-based employment • Research, innovation and emerging industries
	Building a transport and infrastructure sector that is resilient to Queensland's changing climate	<ul style="list-style-type: none"> • Environment • Infrastructure • Nature-based employment

	Using new datasets and predictive analytics to better manage disruptions	<ul style="list-style-type: none"> • Research, innovation and emerging industries • Supply chain and logistics
Strengthening our regions	Accelerated delivery of \$23 billion Queensland Transport and Roads Investment Program and the transport investment packages and initiatives	<ul style="list-style-type: none"> • Building • Infrastructure • Manufacturing • Research, innovation and emerging industries • Small business • Supply chain and logistics • Tourism
	Maintaining and developing critical connections across our communities and regions	<ul style="list-style-type: none"> • Nature-based employment • Small business • Tourism
	Delivery of reliable, convenient, accessible and seamless passenger transport	<ul style="list-style-type: none"> • Infrastructure • Tourism
	Meeting changing infrastructure needs with targeted investment	<ul style="list-style-type: none"> • Infrastructure • Nature-based employment • Tourism
Encouraging Queenslanders to stay active	Building an integrated cycle network that keeps Queenslanders moving	<ul style="list-style-type: none"> • Environment • Tourism
	Encouraging better sharing of our roads and public spaces	<ul style="list-style-type: none"> • Environment • Tourism
	Integration of walking, cycling and public transport	<ul style="list-style-type: none"> • Environment • Tourism
Harnessing smart infrastructure and new technologies	Maximising the value of transport data for decision-making	<ul style="list-style-type: none"> • Research, innovation and emerging industries
	Leveraging cloud-based platforms to boost economic outcomes	<ul style="list-style-type: none"> • Research, innovation and emerging industries
	Delivery of Smart Ticketing to support efficient and seamless journeys	<ul style="list-style-type: none"> • Small business • Tourism
	Attracting new investment in Queensland's transport sector	<ul style="list-style-type: none"> • Building • Infrastructure • Research, innovation and emerging industries
	Harnessing technology to improve accessibility	<ul style="list-style-type: none"> • Research, innovation and emerging industries • Tourism
Supporting the transport sector to innovate	Building the skills and capabilities of Queensland's transport workforce	<ul style="list-style-type: none"> • Research, innovation and emerging industries • Skills
	Modernising regulation to support growth and enhance productivity	<ul style="list-style-type: none"> • Small business • Trade and investment
	Supporting the sector to grow jobs and accelerate transformation	<ul style="list-style-type: none"> • Research, innovation and emerging industries • Small business • Trade and investment
	Reshaping how transport and roads projects are delivered to encourage the use of local businesses and materials [with regional emphasis]	<ul style="list-style-type: none"> • Building • Small business

FOR MORE INFORMATION

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