

Queensland National Freight and Supply Chain Strategy and Action Plan Implementation Arrangements – NFSCS/NAP to QFS

NFSCS Critical Area	NAP Actions		Example Queensland Actions	QFS Shared Commitment and Critical Enablers
Smarter and targeted infrastructure investment	Action 1.1 Ensure that domestic and international supply chains are serviced by resilient and efficient key freight corridors, precincts and assets	a) Develop a national framework for freight-related infrastructure investment, including consideration of non-build solutions	<ul style="list-style-type: none"> • Smart motorways (NSW; Qld) 	<i>Unlock Economic Opportunity – Shared Commitments</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
		b) Develop new major freight gateways and hubs	<ul style="list-style-type: none"> • Toowoomba Wellcamp and Cairns Airports Regional Export Distribution Centre Pilots (Qld) • Yamala Hub (Qld) 	<i>Unlock Economic Opportunity – Shared Commitments</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
		c) Improve landside access to major freight gateways	<ul style="list-style-type: none"> • Bruce Highway, Warrego Highway, Gateway Motorway and Pacific Motorway upgrades (Cth; Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
		d) Assess and improve the resiliency of key freight assets and supply chains	<ul style="list-style-type: none"> • Critical infrastructure strategies (all jurisdictions) 	<i>A Resilient Freight System – Shared Commitment</i>
	Action 1.2 Provide regional and remote Australia with infrastructure capable of connecting regions and communities to major gateways, through land links, regional airports or coastal shipping	a) Develop regionally based investment frameworks for key freight corridors	<ul style="list-style-type: none"> • Bruce Highway Action Plan (Qld) • Warrego Highway Upgrade Program (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
		b) Provide infrastructure to connect regions and remote areas to markets	<ul style="list-style-type: none"> • Bruce Highway Upgrade (Cth; Qld) • Northern Australia Roads and Beef Roads Programs (Cth; Qld; WA; NT) 	<i>Unlock Economic Opportunity – Shared Commitments</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
		c) Target infrastructure investment programs to improve regional and remote freight access and safety	<ul style="list-style-type: none"> • Transport Infrastructure Development Scheme (Qld) • Bruce Highway Safety Package (Qld) • Heavy Vehicle Safety Action Plan (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
		d) Fund local governments to maintain and upgrade freight assets that support community sustainability	<ul style="list-style-type: none"> • Transport Infrastructure Development Scheme (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i> <i>A Resilient Freight System – Shared Commitment</i>
	Action 1.3 Identify and support digital infrastructure and communication services necessary for improved and innovative supply chains	a) Investigate digital infrastructure needs to support the deployment of innovative freight technologies	<ul style="list-style-type: none"> • Explore opportunities to apply new technology to manage transport networks (all state and territory governments) 	<i>Safer freight movements – Shared Commitment</i>
	Action 1.4 Advance heavy vehicle road reform to facilitate efficient investment in infrastructure	a) Further develop Heavy Vehicle Road Reform	<ul style="list-style-type: none"> • Prepare detailed advice on options to progress Heavy Vehicle Road Reform, including advice on introducing independent price regulation and developing models to estimate costs based on future road network needs (all jurisdictions) • Continue to improve road expenditure and investment plans and heavy vehicle asset registers, already being published as part of Heavy Vehicle Road Reform (all jurisdictions) • Develop nationally consistent service level standards for roads (all jurisdictions) 	<i>Build Effective Partnerships – Shared commitment</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
Enable improved supply chain efficiency	Action 2.1 Adopt and implement national and global standards, and support common platforms, to reduce transaction costs and support interoperability along supply chains	b) Encourage the adoption of collaborative electronic platforms along supply chains	<ul style="list-style-type: none"> • Heavy Vehicle Safety Action Plan 2019-21 (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i> <i>Safer freight movements – Shared Commitment</i>
		c) Ensure standardisation and interoperability across rail networks	<ul style="list-style-type: none"> • National Rail Vision and Work Program (all jurisdictions) 	<i>Build Effective Partnerships – Shared commitment</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
	Action 2.2 Promote training and re-skilling of industry and government workforces appropriate to current and future needs	a) Collaborate with industry to review the state of the freight sector workforce to identify current skills shortages and understand future long-term workforce needs and barriers, and options to address workforce challenges	<ul style="list-style-type: none"> • Queensland Transport and Logistics Workforce Strategy and Action Plan 2018-2023 (Qld) 	<i>Build Effective partnerships – Shared commitment</i> <i>Queensland’s transport and logistics workforce is skilled for the future – Critical enabler</i>
		b) With industry involvement, work with the education and training sector to ensure that programs deliver future skills required by the freight sector	<ul style="list-style-type: none"> • Development of future-skills standards for the transport and logistics, aviation and maritime sectors (all jurisdictions) 	<i>Build Effective partnerships – Shared commitment</i> <i>Queensland’s transport and logistics workforce is skilled for the future – Critical enabler</i>
	Action 2.3 Facilitate new and innovative technologies that improve freight outcomes and understand deployment, skills and workforce requirements for operators and infrastructure	a) Examining the infrastructure and skills needs and priorities of key freight stakeholders to facilitate the introduction of freight technologies	<ul style="list-style-type: none"> • Austroads Connected and Automated Vehicle Program (all jurisdictions) • Undertake kick-start projects to scope the potential for building hydrogen refuelling stations in every state and territory (all jurisdictions) • Drone Network Impact Analysis (Qld) 	<i>Build effective partnerships – Shared commitment</i>
		c) Collaborate with industry to develop strategies to facilitate the introduction of ready to deploy technologies to market	<ul style="list-style-type: none"> • Implement the National Land Transport Technology Action Plan (all jurisdictions) • Contribute to the hydrogen for transport stream in the development of a national hydrogen strategy (all jurisdictions) 	<i>Smarter Connectivity and Access – Shared Commitment</i> <i>Build effective partnerships – Shared commitment</i> <i>A Resilient Freight System – Shared Commitment</i>

			<ul style="list-style-type: none"> Strategies to enable wider deployment of low emissions vehicles (all jurisdictions) 	
	Action 2.4 Build community acceptance of freight operations	a) Collaborate between governments, supply chain participants and communities to promote freight's importance for the community and economy	<ul style="list-style-type: none"> Integrate community engagement as part of freight-related projects (all jurisdictions) 	<i>Build effective partnerships – Shared commitment</i>
		d) Build community acceptance of freight by educating and raising awareness among communities on how to safely and positively engage with freight	<ul style="list-style-type: none"> Heavy Vehicle Safety Action Plan 2019-21 (Qld) 	<i>Build effective partnerships – Shared commitment</i> <i>Safer freight movements – Shared Commitment</i>
Better planning, coordination and regulation	Action 3.1 Ensure freight demand is integrated in transport and land use planning across and between jurisdiction boundaries and freight modes	a) Develop coordinated, long-term strategic freight plans and initiatives that are linked to the National Strategy and relevant land use and transport planning documents	<ul style="list-style-type: none"> Development of National Planning Principles (all jurisdictions) Action Plan implementation arrangements (all jurisdictions) 	<i>Build effective partnerships – Shared commitment</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
		b) Adopt supply chain or region-based approaches to freight planning	<ul style="list-style-type: none"> Supply Chain Strategy for the North West Minerals Province (Qld) 	<i>Unlock Economic Opportunity – Shared Commitments</i> <i>Build effective partnerships – Shared commitment</i> <i>Smarter Connectivity and Access – Shared Commitment</i>
		c) Identify and protect key freight corridors and precincts from encroachment	<ul style="list-style-type: none"> Inland Rail corridor preservation (Cth; Vic; NSW; Qld) National Airports Safeguarding Framework (all jurisdictions) Townsville Eastern Access Rail Corridor (Qld) Port of Brisbane Rail Access Corridor Preservation (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
	Action 3.2 Strengthen the consideration of freight in all other government planning and decision-making	a) Consider the impact on the efficiency of existing freight operations as well as additional freight requirements when making decisions, at all tiers of government	<ul style="list-style-type: none"> Reviewing and updating state and territory planning policies relating to freight (all state and territory governments) Development of Australian Transport Assessment and Planning urban freight guidelines (all jurisdictions) 	<i>Smarter Connectivity and Access – Shared Commitment</i> <i>Build effective partnerships – Shared commitment</i>
		c) Improve understanding of the optimal freight infrastructure needs around major terminals, such as ports and airports	<ul style="list-style-type: none"> Master Planning for Priority Ports (Qld) Bundaberg State Development Area Development Scheme (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
	Action 3.3 Investigate policy, planning and operational solutions to improve freight access and movement along domestic and international supply chains	a) Deliver greater harmonisation of access permit processes, including access-by-notice and as-of-right access to key freight routes for higher combination vehicles as appropriate	<ul style="list-style-type: none"> Implementation of the independent Review of Oversize Overmass Access Arrangements recommendations (all jurisdictions) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
		b) Provide support to local road managers	<ul style="list-style-type: none"> Fund infrastructure assessment and upgrades to increase heavy vehicle road access (all jurisdictions) Improve training and education programs for local road managers regarding restricted access vehicle permit processes (all jurisdictions/Cth - NHVR) Encourage adoption of the Restricted Access Vehicle Route Assessment Tool (all jurisdictions/Cth - NHVR) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
		c) Improve freight access through metropolitan areas	<ul style="list-style-type: none"> Improve management and use of loading zones in key urban centres (all state and territory governments) Investigate scheduling and operating procedures to improve rail freight access and flows (all state and territory governments) Inland Rail intermodal terminals planning (Cth, NSW, Vic, Qld) South East Queensland Urban Freight Strategy (Qld) 	<i>Smarter Connectivity and Access – Shared Commitment</i>
	Action 3.4 Improve regulation to be more outcomes focused and risk-based to support innovation and reduce regulatory burden whilst maintaining safety, security and sustainability	b) Review regulatory frameworks relating to freight technologies and operations to ensure they are outcomes-based and do not hinder innovation and adoption	<ul style="list-style-type: none"> Regulatory reforms to prepare for deployment of automated vehicles (all jurisdictions) 	<i>Safer freight movements – Shared Commitment</i>
		c) Ensure border management, transport regulation, security and biosecurity regimes support freight productivity and Australia's international competitiveness	<ul style="list-style-type: none"> Legislative reform to ensure national harmonisation of laws (all jurisdictions) 	<i>Safer freight movements – Shared Commitment</i>
d) Ensure environmental regulation impacting on freight operations is fit-for-purpose		<ul style="list-style-type: none"> Streamline environmental assessments (all jurisdictions) 	<i>A Resilient Freight System – Shared Commitment</i>	
Better freight location and performance data	Action 4.1 Develop an evidence-based view of key freight flows and supply chains and their comparative performance to drive improved government and industry decision-making, investment and operations	c) Build long-term forecasting and modelling capability for investment and reform purposes	<ul style="list-style-type: none"> Queensland Freight Model (Qld) 	<i>Quality freight data is used to inform policy, planning and investment.- Critical Enabler</i>
		d) Investigate best approaches to data collection and use for emerging technologies	<ul style="list-style-type: none"> National Infrastructure Collection and Dissemination Plan (all jurisdictions) 	<i>Quality freight data is used to inform policy, planning and investment - Critical Enabler</i>