

NATIONAL FREIGHT AND SUPPLY CHAIN STRATEGY IMPLEMENTATION ARRANGEMENTS Western Australia

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Part 1 – Introduction

The National Freight and Supply Chain Strategy – Western Australian Implementation Plan (Implementation Plan) outlines initial actions to achieve the outcomes of the *National Freight and Supply Chain Strategy* and supporting *National Action Plan*, and establishes the role the Transport and Infrastructure Council will play in achieving these outcomes.

The Implementation of the National Freight and Supply Chain Strategy and National Action Plan in Western Australia will also involve coordinated actions with Commonwealth, State and Local governments, transport, planning and roads authorities, business across the local transport and logistics industry, research sectors and the community.

The Implementation Plan outlines the initiatives on which the Department of Transport WA and the Department of Planning, Lands and Heritage WA will be seeking to engage and coordinate with others, rather than direct the actions of others, to achieve local outcomes and benefits for the WA freight industry and supply chains.

Part 2 – Implementation Framework

National Freight and Supply Chain Strategy

The National Freight and Supply Chain Strategy is an Australia-wide strategy to manage freight growth and change over the next two decades. The Strategy sets an agenda for coordinated and well-planned government and industry actions across all freight modes for the next 20 years and beyond.

By implementing the Strategy, industry and governments can improve existing practices, create new opportunities for Australian businesses, consumers and producers, and keep each other to account.

National Action Plan

The National Action Plan sits alongside the National Freight and Supply Chain Strategy and details key actions to be delivered by government to achieve the goals of the Strategy. The Action Plan will be informed by priorities identified in Commonwealth, state and territory freight plans and policies. The National Freight and Supply Chain Strategy and National Action Plan form the basis of ongoing consultation with and investment by industry.

The National Action Plan outlines the following critical action areas for the next five years:

1. Smarter and targeted infrastructure investment.
2. Enable improved supply chain efficiency.
3. Better planning, coordination and regulation.

4. Better freight location and performance data.

The National Action Plan focuses on these critical action areas as they are key elements of nationally integrated freight systems. The National Action Plan identifies 13 actions that will deliver across these critical action areas at a national level. The success of the Strategy rests on how these actions are implemented and reviewed, and identifying new priorities.

Jurisdictional Implementation Plans

Each jurisdiction will play a critical role in implementing the Strategy and agreed National Actions. To support the national plans, each jurisdiction was required to prepare a local jurisdictional implementation plan outlining the key initiatives.

This document presents Western Australia's current actions towards implementing the Strategy and National Action Plan. Some of the actions will provide the foundation for future longer-term implementation initiatives.

Governance and partnerships

Implementing the National Freight and Supply Chain Strategy requires a high degree of coordination and collaboration across all levels of government and active involvement of the freight industry to drive productivity and efficiency improvements in the freight sector. The implementation will be overseen by the Council of Australian Governments Transport and Infrastructure Council.

The Commonwealth Department of Infrastructure, Regional Development and Cities and the WA Department of Transport and the Department of Planning, Lands and Heritage will have an ongoing interest in the implementation of actions, and will liaise with other WA state government departments, local councils and freight industry bodies and operators as and when relevant.

Part 3 – Local Implementation Arrangements Western Australia

In addition to the items identified in the *National Action Plan*, WA will continue to act through other plans and programs to address local freight and supply chain issues. The local actions and their alignment to the *National Freight and Supply Chain Strategy* and the *National Action Plan* are noted in the WA Jurisdictional Implementation Plan ([Appendix 1](#)).

The *WA Implementation Plan* was developed in consultation with WA state and local government and industry. Following the Transport and Infrastructure Council's endorsement and public release of the National Freight and Supply Chain Strategy and National Action Plan, the Department of Transport and Department of Planning, Lands and Heritage co-hosted an industry consultation workshop.

The Consultation Workshop was held in September 2019 in Perth and 40 representatives from a range of WA industry and government freight, transport, planning and logistics stakeholders across all transport modes were in attendance. Initiatives and actions identified through the workshop contributed to the formation of the WA Jurisdictional Implementation Plan and a reporting group was established to provide ongoing support in the monitoring of the WA Implementation plan.

The WA Implementation Actions are provided in [Appendix 1](#).

Part 4 – Monitoring and Reporting

Monitoring and evaluation will underpin reviews of the National Freight and Supply Chain Strategy and National Action Plan through providing information to the Transport and Infrastructure Council and stakeholders on how initiatives are progressing in delivering the outcomes of the critical action areas, as well as identifying gaps and opportunities for improvement.

A national monitoring and reporting framework is being developed to track the progress of the implementation of the *National Freight and Supply Chain Strategy*.

Governments will report to the Transport and Infrastructure Council at the end of each year on their progress in delivering the Strategy and Action Plan. Monitoring and reporting will provide opportunity for the stakeholders to identify emerging opportunities and new issues to be considered.

The National Freight and Supply Chain Strategy and National Action Plan and its Jurisdictional Implementation Plans will be formally reviewed every five years in consultation with industry. The review will consider the results of monitoring that has been undertaken as well as new and emerging challenges and opportunities. The five-yearly review will ensure currency is maintained and enable actions to be updated and new ones to be developed.

The ability to monitor the success of the National Freight and Supply Chain Strategy will rely heavily on the contribution and collaboration of stakeholders to collect, analyse and share data and information.

The Transport and Infrastructure Council will agree the terms of the five yearly reviews and respond to the reviews' findings.

Appendix 1 – WA Implementation Actions

Key to Appendix 1: WA Actions captured in the National Action Plan

Colour	Critical Action Area
	Smarter and Targeted Infrastructure Investment
	Enable Improved Supply Chain Efficiency
	Better Planning, Coordination and Regulation
	Better Freight Location and Performance Data

Appendix 1 – WA Implementation Actions

Critical Area	National Action Plan	Local Action	Aim	Timeframe	Status
1. SMARTER AND TARGETED INFRASTRUCTURE INVESTMENT	1.1 Ensure that domestic and international supply chains are serviced by resilient and efficient key freight corridors, precincts and assets	Develop the Kenwick Intermodal Terminal	Arc Infrastructure is planning the development of an intermodal terminal that will connect with the Roe Highway Logistics Park and will offer tenants a direct rail link from the logistics park to the North Quay Rail Terminal at Fremantle Port.	Short Term	For Investigation
		Complete NorthLink	This stretch of road provides a vital transport link between Morley and Muchea. It will reduce travel times and congestion, and provide productivity benefits to the economy, industry, motorists and local communities. The link will service regional traffic movements to commercial and industrial areas such as Malaga, Kewdale, Perth Airport and the Perth CBD.	Short Term	Government Commitment
		Replacement of the Fremantle Traffic Bridge (road and rail)	The WA State Budget includes funding for a new Fremantle Traffic Bridge to be jointly funded with the Commonwealth. The new bridge offers potential to separate freight and passenger train lines.	Short Term	Government Commitment
		Commence road upgrades: Wheatbelt, Mid West and Gascoyne Regions	Industry has identified a need to upgrade road infrastructure to support the expansion of 53.5m (RAV 10) networks and in turn improve road freight transport productivity.	Medium Term	For Investigation
		Plan Container Freight Staging Facilities	Industry has proposed that a formal plan be developed to enhance staging capability, with provision in the northern suburbs and/or regional areas for road to road transfers. Consideration to be given to establishing more truck break-down areas near regional ports and regional freight hubs.	Medium Term	Government Commitment
	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	Develop major route plans on major highways	Undertake road planning for major highways across WA.	Short Term	Government Commitment
		Continue to develop the Wheatbelt Strategic secondary road freight network	Coordinate approach to RAV classifications across Council boundaries and agreement on key freight roads to inform investment and maintenance priorities.	Short term	Government Commitment
		Finalise the Revitalising Agricultural Freight Strategy	Implement the recommendations from the Revitalising Agricultural Freight Strategy and progress a business case for key projects supported by industry.	Short Term	For Investigation
		Complete Northern Australia Roads and Beef Roads Programs	The Australian Government announced projects to be funded under the Northern Australia Beef Roads Program in October 2016. The \$100 million program is making targeted upgrades to key roads necessary for transporting cattle to improve the reliability, productivity and resilience of cattle supply chains in Northern Australia, thereby reducing freight costs and strengthening links to markets.	Short term	Government Commitment
	1.3 Identify and support digital infrastructure and communication services necessary for improved and innovative supply chains	Explore opportunities to apply new technology to manage transport networks	Investigate new technologies and consider applications. To improve supply chains across WA.	Short term	Government Commitment
		Implement the Smart Freeway - Kwinana North bound	Create Perth's first Smart Freeway and create an additional lane from Canning Highway to the Narrows Bridge. Smart technology will be used to open and close traffic lanes in the event of an incident and adjust speed limits to get more through-traffic during busy periods. It will provide motorists with greater journey reliability, saving time, reducing costs and enhancing safety.	Short term	Government Commitment
		Progress the Regional Telecommunications Project: National Strategy Integration	The State has invested in two major programs to improve mobile coverage in regional WA which will specifically improve coverage on highways and arterial roads used for freight transport and in strategic locations including industrial parks.	Short term	Government Commitment

Critical Area	National Action Plan	Local Action	Aim	Timeframe	Status
1. SMARTER AND TARGETED INFRASTRUCTURE INVESTMENT	1.3 Identify and support digital infrastructure and communication services necessary for improved and innovative supply chains	Implement Fremantle Ports real time data project	Implement Fremantle Ports' real-time data gathering initiatives, including: <ul style="list-style-type: none"> - Freight Vehicle 'Smart Plate' Trial - develop and trial 'Smart Plate' technology in partnership with industry, academia and Government to gather locational tracking data and enable green light motorcade activation. - Container Tracking Trial - develop a trial, in partnership with industry and Government, to affix Bluetooth tracking tags to a sample of containers to gather real-time locational tracking data. - Develop and implement video analytics to gather real-time locational and fine-detail classification data. 	Short term	Industry Commitment
		Progress the Grainbelt Digital Enhancement Program - WA SuperNet Project	The aim of the Grainbelt Digital Enhancement Program is to deliver high capacity broadband and improved access to digital technology to far-reaching, broad coverage areas throughout WA's Grainbelt. ARC Infrastructure has confirmed its commitment as a partner to the SuperNet project, to continue to work with WA State Government to address regional digital connectivity issues.	Medium Term	Government and Industry Commitment
	1.4 Advance Heavy Vehicle Road Reform to facilitate efficient investment in infrastructure	Continue to participate in the national efforts to further develop Heavy Vehicle Road Reform (HVRR)	The ultimate goal of HVRR is to turn the provision of heavy vehicle road infrastructure into an economic service where feasible. This would see a market established that links heavy vehicle user needs with the level of service they receive, the charges they pay and the investment of those charges back into heavy vehicle road services.	Long term	Government Commitment
2. ENABLE IMPROVED SUPPLY CHAIN EFFICIENCY	2.1 Adopt and implement national and global standards, and support common platforms, to reduce transaction costs and support interoperability along supply chains	National Rail Vision and Work Program	The National Rail Action Plan will map out a forward work program relating to skills and labour supply in the rail sector, to support the unprecedented level of investment in the rail sector. The Skills section of the Action Plan is being led by the Commonwealth, and is subject to further consultation with jurisdictions and industry before submission to the Transport and Infrastructure Council (TIC) in 2019 for approval.	Short Term	Government Commitment
		Participate in the development of a Trade Community System	In partnership with local, national and possibly international stakeholders (ports, industry, Ports Australia/Oceania, State and Federal Governments) participate in a Pilot National Trade Community System to provide interoperability between disparate supply chain systems, reduce supply chain costs and provide end-to-end transaction visibility.	Medium Term	For Investigation
	2.2 Promote training and re-skilling of industry and government workforces appropriate to current and future needs	Development of future-skills standards for the transport and logistics, aviation and maritime sectors	Develop future skills standards across the transport and logistics sectors, including consideration of cadetships and mentoring programs.	Short Term	Government Commitment
		Develop the State Aviation Training Strategy	The Department of Training and Workforce Development is working with the Department of Transport and the Department of Jobs, Tourism, Science and Innovation to develop an industry wide aviation training strategy for WA.	Short Term	Government Commitment
		Develop a Heavy Vehicle Driver Training Programs and Facilities	Industry has proposed the establishment of a training program for drivers and support industries (in the chain of responsibility) with greater focus on skills-based training, competence and ongoing regulatory effort that is consistent nationally to attract and retain skilled and competent people.	Short Term	For Investigation
	2.3 Facilitate new and innovative technologies that improve freight outcomes and understand deployment, skills and workforce requirements for operators and infrastructure	Implement the Austroads Connected and Automated Vehicle Program	The Austroads Future Vehicles & Technology Program is supporting Austroads member organisations (including MRWA) to deliver an improved road transport network that leverages the benefits of emerging technologies whilst minimising some of the risks inevitably faced during a period of such rapid change.	Short term	Government Commitment
		Develop a Performance-Based Standards Policy for Restricted Access Vehicles	The WA Public Sector is participating in National forums to develop Performance-Based Standards vehicle requirements / conditions associated with trials for larger Restricted Access Vehicles and agree on a policy.	Short Term	Government Commitment
		Contribute to the national hydrogen strategy	The WA Public Sector is participating in National forums to contribute to the hydrogen for transport stream in the development of a national hydrogen strategy.	Medium Term	Government Commitment

Critical Area	National Action Plan	Local Action	Aim	Timeframe	Status
2. ENABLE IMPROVED SUPPLY CHAIN EFFICIENCY	2.3 Facilitate new and innovative technologies that improve freight outcomes and understand deployment, skills and workforce requirements for operators and infrastructure	Develop a low emission strategy	The WA Public Sector is participating in National forums to enable wider deployment of low emissions vehicles.	Medium Term	Government Commitment
		Develop a kick start investment fund relating to hydrogen	The WA Public Sector is participating in National forums to undertake kick-start projects to scope the potential for building hydrogen refuelling stations in every state and territory.	Medium Term	Government Commitment
		Investigate low emissions policy levers	Industry has proposed Government identify and considers potential opportunities to increase the use of low emission vehicles.	Medium Term	For Investigation
		Implement the National Land Transport Technology Action Plan	The WA Public Sector is participating in National forums to implement the National Land Transport Technology Policy Framework's objective to support an integrated policy approach by governments to the development and adoption of emerging transport technologies, in order to improve transport safety, efficiency, sustainability and accessibility.	Long term	Government Commitment
		Implement the Western Australian Renewable Hydrogen Strategy	The Strategy will look at developing WA's domestic production capabilities and opportunities for downstream processing. Transport is one of the four strategic focus areas. The WA Government will actively support industry efforts to accelerate the growth of a renewable hydrogen industry through the following actions: <ul style="list-style-type: none"> 1. \$10M Renewable Hydrogen Fund 2. Resourcing - establish a dedicated renewable hydrogen unit 3. Regulation and Standards – support national regulatory reform 4. Relationships – the WA Renewable Hydrogen Council will be retained 	Long Term	Government Commitment
	2.4 Build community acceptance of freight operations	Improve the social licence of freight	Develop and implement a targeted awareness campaign designated to inform, educate and promote the importance of freight and increase community awareness and understanding of the freight task and the role freight plays in our everyday lives.	Social research – May 2019 Campaign development – Sept 2019	Industry Commitment
		Research Travel Demand Management Programs	The WA Government is undertaking a range of activities to provide an efficient and effective transport system for Perth and Peel through enabling people to make their best choices for travel. Optimising use of the transport network through influencing travel choices is crucial to ensuring we get the best value out of our existing transport system and investment in new infrastructure which will contribute towards improving the speed of both freight and passenger transport.	Medium Term	Government Commitment
		Community engagement on freight issues	The Freight and Logistics Council of WA Freight Rail Working Group will continue to implement the freight rail communication and engagement plan to assist with noise mitigation.	Ongoing	Industry Commitment
	3. BETTER PLANNING, COORDINATION AND REGULATION	3.1 Ensure freight demand is integrated in transport and land use planning across and between jurisdiction boundaries and freight modes	Development of National Planning principles	The WA Public Sector will participate in national forums to develop national planning principles including WA freight considerations.	Short Term
City and Regional Deals			Based on the Government's successful City Deals model, Regional Deals bring together all levels of government around a clear set of objectives. Deals are tailored to each region's comparative advantages, assets and challenges and reflect the unique needs of regional Australia. The WA Public Sector will continue to participate in national forums relating to city and regional deals.	Short Term	Government Commitment
National Airports Safeguarding framework			The WA Public Sector will continue to participate in national forums to develop the National Airports Safeguarding Framework to: <ul style="list-style-type: none"> - Improve community amenity by minimising aircraft noise-sensitive developments near airports. - Improve safety outcomes by ensuring aviation safety requirements are recognised in land use planning decisions through guidelines being adopted by jurisdictions on various safety-related issues. 	Short Term	Government Commitment

Critical Area	National Action Plan	Local Action	Aim	Timeframe	Status
3. BETTER PLANNING, COORDINATION AND REGULATION	3.1 Ensure freight demand is integrated in transport and land use planning across and between jurisdiction boundaries and freight modes	Identify and protect freight and logistics land, corridors and precincts	The WA Public Sector will participate in national forums to identify and protect WA freight and logistics land, corridors and precincts.	Short Term	Government Commitment
		Implement State Planning Policy 5.4 (road and rail noise)	The objective of the policy is to: <ul style="list-style-type: none"> - protect the community from unreasonable levels of transport noise; and - protect strategic and major freight transport corridors from incompatible urban encroachment. 	Short Term	Government Commitment
		Review Strategies (Roads 2030)	The <i>Roads 2030 Strategies</i> document takes a strategic view of regionally significant Local Government roads and the development strategies for them. The Memorandum of Understanding between the WA State Government and WALGA requires 5 yearly review of Road Development Strategies.	Short Term	Government Commitment
		Review Perth and Peel @3.5 million frameworks	The Strategy provides a spatial plan for metropolitan Perth, including freight corridors. The strategy is a suite of land use planning and infrastructure frameworks which define the urban form for the next 30 years, limit unsustainable urban sprawl and encourage greater housing diversity to meeting changing community needs. The frameworks are monitored to ensure they remain contemporary and responsive to Government priorities and community need. A comprehensive review will commence in 2021.	Short Term	Government Commitment
		Publication of research investment decision making report	Industry has proposed sharing of a report on the Investment Decision Making Study by PATREC once completed. This project is being conducted as part of a iMOVE CRC project.	Short Term	Industry Commitment
		Complete Outback Way - Upgrade and Seal	Outback Way is the name given to the route that extends almost 2,700km by road from Laverton to the WA/NT border. At present 1400km of the route (in total) remains unsealed. This includes some 800km of the Great Central Road - approximately 400km in each of the Shires of Laverton and Ngaanyatjarraku. A completely sealed Outback Way would improve road connectivity from Laverton in WA to Winton in Qld, via Uluru and Alice Springs.	Medium Term (estimated completion 2026/27)	Government Commitment
		3.2 Strengthen the consideration of freight in all other government planning and decision-making 3.3 Investigate policy, planning and operational solutions to improve freight access and movement along domestic and international supply chains	Reviewing and upgrading state and territory planning policies relating to freight	The WA Public Sector will continue to participate in national forums to review and upgrade planning policies	Short Term
	Development of Australian Transport Assessment and Planning urban freight guidelines		The WA Public Sector will continue to participate in national forums to develop transport and planning guidelines	Short Term	Government Commitment
	Protecting land for freight and logistics in metropolitan areas		The WA Public Sector will continue to participate in national forums to protect freight corridors	Short Term	Government Commitment
	Prepare Ports Master Plans		The Ports Master Plans Focus on land use, infrastructure development and logistics to enhance trade through the ports in alignment with the Western Australian Regional Freight Transport Network Plan and Perth @3.5 million.	Short Term	Government Commitment
	Complete the Westport: Port and Environs Strategy		The Westport: Port and Environs Strategy will provide guidance to the Government on the planning, development and growth of the Port of Fremantle at the Inner and Outer Harbours, and the required rail and road networks.	Long term	Government Commitment

Critical Area	National Action Plan	Local Action	Aim	Timeframe	Status
3. BETTER PLANNING, COORDINATION AND REGULATION	3.2 Strengthen the consideration of freight in all other government planning and decision-making	Review Perth inner city freight movements	The Department of Transport, in collaboration with the City of Perth is developing the Perth Greater CBD Transport Plan to guide the transport future of Perth's city centre for the next decade, enhancing liveability and supporting new business opportunities. The Plan will include a four-year program of evidence-based initiatives and a 10-year vision for future transport investment in the Perth Greater CBD.	Medium Term	Government Commitment
	3.3 Investigate policy, planning and operational solutions to improve freight access and movement along domestic and international supply chains	Implement the independent Review of Oversize Overmass Access Arrangements recommendations	The WA Public Sector will continue to participate in national forums to implement the recommendations of the Oversize Overmass Access Arrangements following the independent review.	Short Term	Government Commitment
		Fund infrastructure assessment and upgrades to increase heavy vehicle road access	The WA Public Sector will continue to participate in national forums to implement infrastructure assessments and upgrades to increase heavy vehicle road access.	Short Term	Government Commitment
		Improve training and education programs for local road managers regarding restricted access vehicle permit processes	The WA Public Sector will continue to participate in national forums to improve training and education programs for local road managers	Short Term	Government Commitment
		Improve management and use of loading zones in key urban centres	The WA Public Sector will continue to participate in national forums to improve management and use of loading zones	Short Term	Government Commitment
		Investigate scheduling and operating procedures to improve rail freight access and flows	The WA Public Sector will continue to participate in national forums to investigate scheduling and operating procedures to improve rail freight access flows.	Short Term	Government Commitment
	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	Complete review of WA Heavy Vehicle accreditation scheme	Implement review of WA heavy vehicle accreditation scheme.	Short Term	Government Commitment
		Regulatory reforms to prepare for deployment of automated vehicles	The WA Public Sector will continue to participate in national forums to develop and implement nationally consistent automated vehicle regulation and policy.	Medium Term	Government Commitment
		Legislative reform to ensure national harmonisation of laws	The WA Public Sector will continue to participate in national forums to develop and implement nationally consistent transport laws.	Medium Term	Government Commitment
		Streamline environmental assessments	The WA Public Sector will continue to participate in national forums to streamline environmental assessments.	Medium Term	Government Commitment
		Identify solutions for a better coastal trading system	The Commonwealth is consulting with industry to identify practical solutions for coastal trading reform. The WA State Government will participate in the jurisdictional policy development processes for any national reforms resulting from the consultation. Previous industry consultation has identified a number of problems with the existing system, including: <ul style="list-style-type: none"> • Inflexibility to deal with real situations. • Time and administrative burdens. • Costly work arounds to enable compliance. 	Short Term	Government Commitment

4. BETTER FREIGHT LOCATION AND PERFORMANCE DATA	4.1 Develop an evidence-based view of key freight flows and supply chains and their comparative performance to drive improved industry decision-making, investment and operations government and	Develop an open data portal	Implement WA's open data policy to provide access to data in a consistent manner across the WA public sector.	Short Term	Government Commitment
		Develop a National infrastructure collection and dissemination plan	WA Public Sector continue to participate in national forums to develop a national infrastructure collection and dissemination plan.	Short Term	Government Commitment
		Implement the Compliance automation project	WA Public Sector continue to participate in national forums to implement the Compliance automation project	Short Term	Government Commitment
		Undertake the Commercial Vehicle Survey	The Commercial Vehicle Survey will capture the origin-destination movements of over 4,000 commercial vehicles across the Perth Metropolitan area. The survey data will be used to update the Transport portfolio strategic freight models used to inform freight transport policy.	Short Term	Government Commitment