

Stocktake of current or recently completed resilience initiatives across government

#	State/ Territory	Category	Title	Owner	Description	Timeframe	Source
1	All	Capacity building	Australian Cyber Security Centre (ACSC) Cyber Essential Eight	ACSC	Organisations are recommended to implement eight essential mitigation strategies from the ACSC Strategies to Mitigate Cyber Security Incidents as a baseline.	Current	Essential Eight
2	All	Governance and coordination	Critical Infrastructure Uplift Program (CI-UP)	ACSC	The program is a service offered by the ACSC as part of the Australian Signal Directorate's Cyber Enhanced Situational Awareness and Response (CESAR) package. CI-UP will involve the ACSC working closely with critical infrastructure owners to identify and resolve vulnerabilities, and helping to protect Australia's most critical systems from a broad range of cyber threats.	Current	CI-UP
3	All	Governance and coordination; Capacity building	Rail Freight and Ports Executive Committee 2020-2022 Strategic Plan	ARA	The ARA's Strategic Plan for rail freight and ports aims to support increased modal share for the industry as the nation's freight task grows.	2020-2022	ARA Strategic Plan
4	All	Infrastructure renewal/ improvement	Advanced Train Management System (ATMS)	ARTC	ARTC is developing a digital advanced train communication and signalling system that will improve the safety of rail operations as well as delivering reliability and network resilience. It is currently in operation between Port Augusta and Whyalla, SA.	2014 - 2024	ATMS
5	All	New infrastructure	Inland Rail	ARTC	The Inland Rail is a 1,700 km freight rail line that will connect Melbourne and Brisbane via regional Victoria, NSW and QLD. Inland Rail, once complete, will improve supply chain resilience.	2014 - 2027+	Inland Rail
6	NSW	Infrastructure renewal/ improvement	Port Botany Rail Line Duplication and Cabramatta Loop Project	ARTC	The Port Botany Rail Duplication project includes track duplication, new crossovers and bridgeworks. The Cabramatta Loop project will increase rail freight capacity on the Southern Sydney Freight Line by allowing freight trains travelling in either direction to pass each other.	2019 - 2024	Port Botany Rail Link Duplication Cabramatta Loop Project
7	All	Governance and coordination	The Journey to Net Zero: Inspiring Climate Action in the Australian Transport Sector	ARA, Infrastructure Sustainability Council, Roads Australia, KPMG, Arup	The initiative is an industry first partnership that seeks to provide an opportunity to advocate, connect, build capacity, and assist in fostering the culture of collaboration across the transport industry to provide more sustainable solutions for all Australians using, or impacted by the transport sector, its systems and infrastructure.	2022	Journey to Net Zero
8	All	Governance and coordination	Office of Supply Chain Resilience (OSCR)	Australian Government	The OSCR monitors for and helps coordinate responses to existing and emerging risks to critical inputs to the freight network (e.g. AdBlue).	Current	OSCR

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9	All	Data and insights	Identification of a risk indicator to support 'life line' freight routes	Austrroads	This report summarises and presents the Risk Indicator, a tool designed to identify and support investment in 'Life Line' freight routes. 'Life Line' freight routes are roads that may not deliver highly positive outcomes in traditional upgrade project priority assessments based on AADT measures, but have high value to the communities and regions they support. The Risk Indicator considers a number of factors relevant to determining priority for road upgrade investment.	2016 - Current	Life Line Freight Routes Report
10	QLD	Governance and coordination	AUSTROADS Environment and Sustainability (E&S) Taskforce (Trans-Tasman, Multi Agency and multi-jurisdictional)	Austrroads	The Austrroads E&S Taskforce is designed to align transport agency effort on environmental and sustainability Initiatives, including climate change resilience.	Current	E&S Program
11	All	Data and insights	Australian Climate Service (ACS)	BoM, Geoscience Australia, CSIRO, ABS	Established by the Australian Government and guided by the recommendation of Bushfires Royal Commission, the ACS is a partnership between the BoM, Geoscience Australia, CSIRO and the ABS. The ACS will bring the Australian's extensive climate and natural hazard information into a single national view.	Current	ACS
12	All	Governance and coordination	State-based Coastal Adaptation Initiatives	CoastWA, QCcoast, Vic Government	Several states operate their own coastal risk management and adaptation initiatives - these include CoastWA and Qcoast. Victoria is currently developing Victoria's Resilient Coast – Adapting for 2100+ strategy.	Various	Planning for climate change adaptation in Coastal Australia: State of practice
13	All	Infrastructure renewal/ improvement; Capacity building	Betterment	Commonwealth	Betterment initiatives are emerging across the Commonwealth as a way to address resilience. Betterment increases the resilience of communities to disasters, while at the same time reducing future expenditure on asset restoration. For example, the QLD Government has implemented a number of betterment initiatives across the state since 2013 to help create stronger and more resilient communities.	Current	QLD Betterment Funds
14	All	Data and insights	CSIRO Transport Network Strategic Investment Tool (TraNSIT)	CSIRO	CSIRO's TraNSIT maps millions of vehicle trips across thousands of supply chains. As of July 2022, it incorporates over 670,000 supply chain paths for 172 commodities between 540,000 enterprises. It outputs information on freight paths, detailed transport costs and critical link analysis, providing valuable input to inform infrastructure investment and regulatory decisions.	Current	TraNSIT

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15	All	Capacity building	Enabling Resilience Investment Approach	CSIRO	Ensuring Australia experiences an equitable recovery from disasters and proactively reduces disaster risks and adapts to climate change takes large-scale future-looking investment. This requires capacity building in areas such as our capabilities, competencies, governance and on-ground interventions. The Enabling Resilience Investment approach is a planning and analysis process, underpinned by integrated analytical capabilities and expertise, which incorporates value creation and systemic risk mitigation into the design and delivery of current and future investments.	Current	Enabling Resilience Investment Approach
16	All	Data and insights	Electricity Sector Climate Information (ESCI) project	CSIRO, BOM, AEMO	The ESCI project aims to improve climate and weather information for the electricity sector. The project provides information for the electricity sector on likely future climate change scenarios. The project has also developed a climate risk assessment method to help the sector consider climate risk alongside other business risks, and case studies showing how sector users can apply the risk assessment method and ESCI data in their risk assessments.	2018 - 2021	ESCI project
17	All	Governance and coordination	National Climate Resilience and Adaptation Strategy (NCRAS) (2021)	DCCEEW	The NCRAS sets out what government will do to support efforts across all levels of government, business and the community, to better anticipate, manage and adapt to the impacts of climate change. This includes recurring national assessment of climate impacts and adaptation progress.	2021 - 2025	NCRAS
18	All	Governance and coordination	National Disaster Risk Reduction Framework (2018)	DHA	This framework is designed to guide Australia's efforts to reduce disaster risk associated with natural hazards. It translates the first three priorities of the Sendai Framework for Disaster Risk Reduction into action for the Australian context.	Current	NDRRF
19	All	Governance and coordination	Security Legislation Amendment (Critical Infrastructure Protection) Act 2022	DHA	The Security Legislation Amendment (Critical Infrastructure Protection) Act 2022 (SLACIP Act) came into effect on 2 April 2022. A new framework for enhanced cyber security obligations required for operators of systems of national significance, along with establishment of 'all hazards' risk management plans.	2022 - Current	SLACIP Act
20	All	Governance and coordination	Critical Infrastructure Centre (CIC), Trusted Information Sharing Network (TISN) and Resilience Expert Advisory Group	DHA	The CIC works with regulators, owners and operators around risk management, with a focus on cyber and foreign interference. The TISN is the Australian Government's primary engagement mechanism with industry on critical infrastructure. Through the TISN, stakeholders collaborate to increase awareness and understanding of cross-sector dependencies and the impacts of a disruption to any critical infrastructure sector, and enhance communication channels and networks between industry and government.	2003 - Current	CISC & TISN

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21	All	Governance and coordination	Profiling Australia's Vulnerability	DHA	This work describes a new way of looking at disaster risk based on the premise that hazards only lead to disaster if they intersect with an exposed and vulnerable society and when the consequences exceed people's capacity to cope.	2018 - Current	Profiling Australia's Vulnerability
22	All	Governance and coordination	Disaster Recovery Funding Arrangements 2018 (DRFA)	DHA in partnership with state and territory governments	The 2018 joint Australian Government-State Disaster Recovery Funding Arrangements provides states and territories with assistance to alleviate the financial burden of disaster events. It also supports the provision of urgent financial assistance to disaster affected communities.	Current	DRFA 2018
23	All	Data and insights; Governance and coordination	Essential Goods Prioritisation Guidelines	DHA in partnership with state and territory governments	These Guidelines will support the prioritisation and efficient movement of essential goods. The Guidelines include six key principles as agreed between stakeholders.	2022 - Current	Essential Goods Prioritisation Guidelines
24	All	Governance and coordination	National Reconstruction Fund (NRF)	DISR	The \$15 billion NRF will diversify and transform Australia's industry and economy. The NRF will deliver targeted co-investments in independently assessed projects across seven priority areas: resources; agriculture, forestry and fisheries; transport; medical science; renewables and low emission technologies; defence capability; and enabling capabilities.	Current	NRF
25	All	Infrastructure renewal/ improvement	National Faster Rail Plan	DITRDCA	The 20-year National Faster Rail Plan will deliver faster, more efficient and reliable transport infrastructure. Fast reliable transport connections to the regions are critical to regional development and facilitating population shifts from congested capital cities to key regional centres. In the 2022-23 Budget, the Australian Government committed a further \$3.72 billion to deliver faster rail. This brings the Australian Government's commitment to faster rail projects to \$6 billion.	2019 - 2039	National Faster Rail Plan
26	All	New infrastructure	Mobile Black Spot Program	DITRDCA	The \$380 million Mobile Black Spot Program invests in telecommunications infrastructure to improve mobile coverage and competition across regional and remote Australia, including along major transport routes and in small communities.	2014 - 2023	Mobile Black Spot Program
27	All	Governance and coordination	Roads of Strategic Importance (ROSI)	DITRDCA	The Australian Government is investing \$5.8 billion to help connect regional businesses to local and international markets, and better connect regional communities. The initiative delivers works such as road sealing, improving flood immunity, strengthening and widening, pavement rehabilitation, bridge and culvert upgrades and road realignments.	2018 - 2030	ROSI

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28	All	Data and insights	National Freight Data Hub	DITRDCA	The National Freight Data Hub (the Hub) will be a federated data sharing network that has an initial focus on government providing better access to their data; facilitates data exchange, including by establishing data standards; and promotes leadership and innovation. By making high quality and timely freight data more widely available, the Hub will enhance the collection and access to freight data across all modes to improve strategic planning for infrastructure and transport network investment and other decisions; improve the capture and sharing of freight data to support day to day operations, and -evaluate how the freight system is performing and what actions we can take to improve it.	2021 - Current	Data Catalogue Other useful links might include: - Road condition and expenditure - Number of trucks on roads - Road works and road closures
29	All	Governance and coordination	National Urban Freight Planning Principles (2021)	DITRDCA	Development of the National Urban Freight Planning Principles is an action under the National Freight and Supply Chain Strategy. The Principles recognise the primacy of state, territory and local governments in transport and land use planning; that freight and supply chain networks are continuously evolving; and that industry support and ongoing engagement is crucial to capturing the potential benefits of any urban freight planning reform.	2021 - Current	National Urban Freight Planning Principles
30	All	Data and insights	Key Freight Routes Map	DITRDCA	The national KFR Map provides a detailed picture of the road and rail routes connecting Australia's nationally significant places for freight, including ports, airports and intermodal terminals, and is currently undergoing a review through the iMove CRC.	2018 - Current	Key Freight Routes Map
31	All	Governance and coordination	National Freight and Supply Chain Strategy (NFSCS) and National Action Plan (2019)	DITRDCA	The National Freight and Supply Chain Strategy (NFSCS) and National Action Plan is a coordinated national approach to freight by Government and industry, covering all transport modes to 2040 and beyond. The goals and priority action areas build on the work of the industry-led Inquiry into National Freight and Supply Chain Priorities as well as current state and territory strategies for freight. The annual progress reports cover progress made, and features a look into Australia's freight performance using snapshots from each jurisdiction and progress updates against jurisdictional implementation plans.	2019 - Current	NFSCS
32	QLD	Infrastructure renewal/ improvement	Bruce Highway Upgrade Program	DITRDCA in partnership with QLD Government	The highway provides critical linkages for freight movements between inland production areas and eleven coastal ports and major regional centres. The upgrade program began in 2013 and includes projects spanning safety, capacity and flood resilience improvements.	2014 - 2028	Bruce Highway Upgrade Program
33	All	Infrastructure renewal/ improvement	The Outback Way	DITRDCA in partnership with state and territory governments	Since 2013, the Australian Government has committed \$1.008 billion to seal and upgrade key sections of the Outback Way.	2014 - 2031	The Outback Way

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34	All	Governance and coordination	Infrastructure Investment Program (IIP)	DITRDCA in partnership with state and territory governments	The Australian Government provides funding to the IIP under the National Land Transport Act 2014 to deliver land transport infrastructure projects with states and territories. It is operated in accordance with the National Partnership on Land Transport Infrastructure Projects, which acknowledges the need for investments to take account of climate and disaster resilience and environmental sustainability in infrastructure planning and delivery.	2022 - 2032	IIP
35	NT, WA, QLD	Infrastructure renewal/improvement	Northern Australia Beef Roads Program	DITRDCA in partnership with state and territory governments	This \$100 million program targets upgrades to key roads necessary for transporting cattle to improve the reliability, productivity and resilience of cattle supply chains in northern Australia. The majority of upgrades relate to sealing of roads - projects have been funded across QLD, NT and WA.	2016 - 2021	Northern Australia Beef Roads Program
36	VIC	Infrastructure renewal/improvement	Melbourne Port Rail Shuttle	DITRDCA in partnership with VIC Government	This project will develop or upgrade rail access to metropolitan intermodal terminals in Melbourne to improve the movement and distribution of containerised freight in and out of the Port of Melbourne.	2017 - Current	Melbourne Port Rail Shuttle
37	All	Data and insights	Establishing an efficient freight transport network (rail freight productivity)	DITRDCA, ACRI, industry	<p>On 28 February 2022, ACRI launched a new study to help the rail freight industry identify opportunities to improve freight rail productivity; understand drivers of competition between road, rail and shipping; and assess mode share along key rail corridors.</p> <p>The study will investigate and make recommendations on four areas: modal share, infrastructure and planning, safety and operations, and policy. BITRE is working with rail infrastructure managers and freight train operators to bring in new granular data to understand trends over time.</p>	To be completed in 2022	ACRI rail freight productivity study
38	All	New infrastructure	Developing a world leading satellite positioning capability for Australia	Geoscience Australia	The Australian Government has invested \$224.9 million to build an Australian Satellite-Based Augmentation System (SBAS) to improve navigation satellite system technology. The investment will improve satellite positioning required for navigation and location systems on earth.	2018 - Current	SBAS
39	QLD	Data and insights	Severe Wind Hazard Assessment for South East QLD	Geoscience Australia, QFES	This project involves refining assessments of wind hazard in south east QLD, including undertaking semi-quantitative assessments for climate change influence on severe wind, assessments of current residential wind risk; and assessments of wind risk with adaptation.	To be completed in 2022	Severe Wind Hazard Assessment for QLD
40	All	Governance and coordination	Australian Infrastructure Plan (2021)	IA	The 2021 Australian Infrastructure Plan is a roadmap for infrastructure reform that will deliver better infrastructure outcomes for Australian communities. It recommends that 'infrastructure decisions consider resilience through clear and harmonised guidance on how projects can address risks and value resilience.'	Current	Australian Infrastructure Plan

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41	All	Governance and coordination	2021 Reform Priority List	IA	The Reform Priority List provides an assessment of the expected impacts of each reform proposed in the 2021 Australian Infrastructure Plan, based on multi-criteria analysis. It guides decision makers on which reforms to focus on and provides a summary of their strengths and trade-offs.	Current	2021 Australian Infrastructure Plan - Reform Priority List
42	All	Governance and coordination	2021 Implementation Pathway	IA	The 2021 Implementation Pathway summarises the actions proposed for each change agent across the 2021 Australian Infrastructure Plan. It provides a table for each change agent that identifies the actions (recommendations, outcomes and activities) that the change agent has been proposed to sponsor, lead or support.	Current	2021 Australian Infrastructure Plan Implementation Pathway
43	All	Data and insights	Infrastructure Risk Dashboard	IA	This Infrastructure Risk Dashboard, established through Infrastructure Australia's Market Capacity Program, is designed to help you focus on the right risks for your project. It presents a library of common risks classified by project type and infrastructure sector, and maps these risks against climate information and four geographical community types as defined by Infrastructure Australia.	Current	Infrastructure Risk Dashboard
44	All	Data and insights	National Study of Infrastructure Risk	IA	The National Study of Infrastructure Risk document that accompanies the Infrastructure Risk Dashboard, steps through the methodology and approach.	Current	National Study of Infrastructure Risk
45	All	Data and insights	Regional Strengths and Infrastructure Gaps	IA	This initiative provides a national view of the diverse strengths and infrastructure gaps facing Australia's regions in order to enable the identification of priority areas for future planning and analysis.	Current	Regional Strengths and Infrastructure Gaps
46	All	Governance and Principles	Resilience Principles: Infrastructure Australia's approach to resilience	IA	The Resilience Principles define IA's approach to resilience in the infrastructure sector.	2022	IA Resilience Principles
47	All	Infrastructure renewal/ improvement; Capacity building.	Infrastructure Priority List - June 2022 Update	IA	The Infrastructure Priority List presents the key investment opportunities for Australia's cities and regions that should be further developed over the next 15 years. The June 2022 update publishes proposals at various stages of development that are not yet fully funded, including 25 new Early-stage proposals (Stage 1), three new Potential investment options (Stage 2) and two new Investment-ready proposals (Stage 3).	2022	IA Infrastructure Priority List
48	All	Governance and coordination	A Pathway to Infrastructure Resilience (2021)	IA, INSW	This initiative identifies opportunities to improve how infrastructure is planned to increase resilience. The plan is underpinned by a whole-of-system all hazards approach.	Current	A Pathway to Infrastructure Resilience

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49	All	Data and insights	iMove Cooperative Research Centre (CRC)	iMove	The iMove CRC is a national, jointly funded centre for transport and mobility research and development including supply chain resilience related research. For example, iMove's current 'Mapping Australian freight: SWOT analysis' project is undertaking research on existing Australian freight and supply chain geospatial initiatives to identify strengths, weaknesses, and opportunities in national freight mapping.	2017 - 2027	iMove CRC
50	All	Data and insights	Natural Hazards Research Australia (NHRA) - research portfolio	NHRA	The NHRA is developing a national research program on natural hazard resilience and disaster risk reduction to support emergency service agencies and communities.	Current	NHRA
51	All	Capacity Building; Governance and coordination; Data and insights	NHVR's Strategic Local Government Asset Assessment Project (SLGAAP)	NHVR	The SLGAAP is a federally funded initiative to optimise heavy vehicle access on the local road networks across Australia.	2019 - 2024	SLGAAP
52	NSW	Infrastructure renewal/ improvement	Western Sydney Freight Line	NSW Government	The NSW Government is delivering a number of projects as part of the National Freight and Supply Chain Strategy and National Action Plan, including freight rail connections to serve the Western Sydney Airport Growth Area; connecting Port Botany to Western Sydney and Western NSW via the Southern Sydney Freight Line; and support the movement of container and bulk freight by rail across Greater Sydney.	2019 - 2029	Western Sydney Freight Line
53	NSW	Capacity building	Suite of NSW Government resilience initiatives	NSW Government	The NSW Government has implemented a range of resilience strategies, such as Climate Risk Ready, which aims to embed consideration of climate change risk into NSW government decision making and increase NSW's preparedness to respond to the increasing impacts of climate change.	Current	Climate Risk Ready – NSW Guide
54	NSW	Governance and coordination	Storm and Flood Recovery - NSW	NSW Government	The NSW Government is leading the delivery of a \$200 million Infrastructure Recovery Program to support the reconstruction and improved disaster resilience of public assets damaged during the recent storms and floods as well as the 2019-20 bushfires.	Current	Infrastructure Recovery Program
55	NT	Governance and coordination	NT Infrastructure Framework	NT Government	The NT Government has adopted a new Infrastructure Framework to align with its 2030 goals. The Framework consists of the NT's Infrastructure Strategy, Infrastructure Plan and Pipeline, and Regular Infrastructure Audit. Embedding sustainability and resilience is one of the new Strategy's four cross cutting infrastructure objectives for all infrastructure planning and investment.	2022-2030	NT Infrastructure Framework

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56	All	Governance and coordination	National Rail Action Plan (NRAP)	NTC	The National Rail Action Plan is an agreed set of actions to be undertaken by the Commonwealth and key members of the rail industry. The Plan aims to implement changes to improve delivery of rail infrastructure and improve the safety and productivity of rail operations. The plan also addresses skills and labour to ensure the resilience of rail and its network.	Current	NRAP
57	All	Capacity Building	Suite of NTC initiatives	NTC	The NTC are undertaking a range of initiatives to address workforce and skills issues, including the National Rail Skills Hub and National Women in Transport initiatives.	2021 - Current	National Rail Skills Hub Women in Transport
58	All	Governance and coordination	Royal Commission into National Natural Disaster Arrangements (RCNDA)	PMC, DISR, DCCEEW	The RCNDA considers natural disasters and coordination arrangements. The report proposes state and territory governments continue to have primary responsibility and accountability for emergency management, and notes a clearer role for the Australian Government is needed, as it has resources such as valuable capabilities and capacity, to support states and territories in responding to, and recovering from, natural disasters.	2020	RCNDA
59	All	Data and insights	Productivity Commission's Inquiry into Australia's Maritime Logistics System	Productivity Commission	The inquiry is examining the structural issues affecting the productivity of Australia's maritime logistics system. Long term trends in system performance will be analysed, and industrial relations, infrastructure constraints and technology uptake will be among the Inquiry's areas of focus.	Expected Release date: June-July 2022	Productivity Commission – Inquiry into Australia's Maritime Logistics System
60	All	Data and insights	Productivity Commission's Study into Vulnerable Supply Chains	Productivity Commission	The purpose of this study is to help further Australia's preparedness to deal with possible global disruptions to the supply of inputs (upstream risks) as well as global disruptions to markets for goods and services (downstream risks). The report considers the factors that make supply chains vulnerable, with a focus on the international linkages and dependencies from trade.	2021	Productivity Commission – Study into Vulnerable Supply chains
61	QLD	Data and insights	National Asset Centre of Excellence (NACoE)	QLD Government, ARRB	This R&D program has a sustainability stream that includes transport infrastructure innovations/initiatives being investigated for either mitigation, adaptation, reduced environmental footprint or resilience benefits.	Current	NACoE
62	QLD	Governance and coordination	Suite of QLD Government initiatives	QLD Government, ARRB	The QLD Government has implemented a range of climate resilience initiatives, including the Engineering Policy 170 Climate Change Risk Assessment Methodology, which requires all new projects to undertake a CCRA as part of a broader IS rating process.	Various	QLD DTMR Climate Change initiatives

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63	SA	Infrastructure renewal/ improvement	North-South Corridor	SA Government	The North-South Corridor is identified as one of Adelaide's most important transport corridors. The Australian and South Australian Governments are working collaboratively to expand the route to improve the corridor.	2015 - 2025	Adelaide North South Corridor
64	WA	Governance and coordination	Freight supply chain risk from bush fire in the Southern Goldfields (NDRR Program 20/21)	Shire of Dundas, Freight and Logistics Council of WA, Geoneon	The initiative will use cutting edge techniques of earth observation data and machine learning combined with supply chain value/flow analysis to assess supply chain infrastructure exposure and vulnerability to bushfires in the southern goldfields.	Current	Protecting supply chains from bushfires
65	All	Governance and coordination	State and Territory Infrastructure Strategies/Plans	State and territory governments	These strategies provide the overall direction on strategic priorities for each state/territory infrastructure investment pipeline. Resilience is an increasingly prominent theme in these strategies; for example: - The NSW SIS 2018-2038 specifically calls out the need to 'ensure NSW's existing and future infrastructure is resilient to natural hazards and human-related threats' and has led to the implementation of several relevant initiatives, including the Hawkesbury-Nepean Flood Risk Management Strategy. - Victoria' Infrastructure Strategy 2021-2051 includes a priority to 'embed resilience'. This includes a recommendation to 'improve critical infrastructure information flows' and 'build back better after emergencies.'	Various	NSW VIC QLD SA WA TAS NT ACT
66	All	Governance and coordination	Floodplain and Catchment Management Strategies	State, territory and local governments	Floodplain and catchment management strategies are developed for hundreds of areas across Australia. These strategies are used to influence land use planning and can lead to establishment of flood zone overlays or environmental planning instruments that may apply to road and rail assets.	Various	Victorian Floodplain and Catchment Management Strategies
67	All	Governance and coordination	State and Territory - based Emergency Risk Assessments and Emergency Management Plans (EMPLAN)	State/territory emergency management agencies	Assessments are undertaken to prioritise key natural and human-induced hazards requiring further planning under state, territory and local EMPLANs.	Various	NSW VIC QLD SA WA TAS NT ACT
68	TAS	Governance and coordination	Freight and Logistics Toolkit (2021)	TAS Government	The Tasmanian Government has released a Freight and Logistics Toolkit to support Tasmanian businesses to increase long-term competitiveness and viability through freight and logistics improvements.	Current	Tasmanian Government Freight and Logistics Toolkit

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69	All	Data and insights	Transport Resilience Review: A review of the resilience of the transport network to extreme weather events	UK Government	This review aims to better anticipate the impact of extreme weather events, reduce the vulnerability of UK's transport networks to them and speed up the restoration of normal services from disruption.	2014	UK Transport Resilience Review
70	All	Governance and coordination	National Disaster Resilience Index	University of New England (UNE) Bushfire and National Hazards Cooperative Research Centre (BNHCRC)	In July 2020, the UNE and the BNHCRC launched the National Disaster Resilience Index. The Index measures resilience through a combination of social, economic, natural and environments, governance and geographical factors. Referenced in the RCNDA, this resource provides geospatial data and general resilience considerations and a nationally standardised assessment on disaster resilience capability down to SA2 level.	2020	National Disaster Resilience Index
71	VIC	Governance and coordination	Victorian Heavy Vehicle Roadmap	VIC Government	The Heavy Vehicle Roadmap is a Victorian Government initiative to streamline the current permit processing system and remove the cost and delays to industry when obtaining permits for heavy vehicles on Victoria's road networks. It also includes the addition of 700km of approved arterial roads to the High Productivity Freight Vehicle (HPFV) network and development of an automated structural assessment system to provide near real-time bridge assessments.	2021 - 2023	Victorian Heavy Vehicle Roadmap
72	VIC	Infrastructure renewal/ improvement	Bridge strengthening for freight	VIC Government	Most Victorian bridges were built when the heaviest combination on the network was only 33 tonnes. Even some major roads built as recently as the 1990s have overpasses unable to cater for vehicles configured to maximise freight efficiency. A program of bridge strengthening is designed to bolster the productivity of the freight network by increasing the capacity of the road and rail overpasses that dot the network.	2017 - Current	Victorian Department of Transport's key freight projects
73	VIC	Governance and coordination	Transport Adaptation Action Plan (2022-26)	VIC Government	Under Victoria's Climate Change Act 2017, Adaptation Action Plans (AAP) are be developed for a range of key 'systems', including transport. In 2021, it released the Transport AAP 2022-2026, which has the priorities to 'address current climate change impacts', 'reduce barriers to action' and 'lay the foundations for transformational change'.	2022 - 2026	Victorian Department of Transport's Transport Adaptation Action Plan
74	VIC	Data and insights	Freight Data Framework	VIC Government	The framework is designed to help the Victorian Government to build capability to inform strategic planning, evaluate supply chain performance and make better operational decisions through improved access to quality, timely freight and supply chain information.	Current	Freight Victoria
75	VIC	Governance and coordination	Container Storage Working Group	VIC Government	The Container Storage Working Group aims to provide an understanding of the current pressures on storage of shipping	Current	Container Storage Working

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					containers and the solutions that could be considered by government and industry.		Group media statement
76	VIC	Governance and coordination	Supply chain performance	VIC Government	The Victorian Government continues to work with industry to understand the performance of the supply chain and areas of focus including learnings from the COVID-19 pandemic. The successful implementation and continued evolution of the Voluntary Port Performance Model which includes a Performance Framework, will allow Victoria to identify early shocks that may be experienced in the system and the implementation of mitigating actions by supply chain participants.	Current	Victorian Department of Transport's Voluntary Port Performance Model
77	VIC	Infrastructure renewal/ improvement	Murray Basin Freight Rail Project	VIC Government, Australian Government	The project will better connect primary producers in north-West Victoria with the ports of Portland, Geelong and Melbourne to promote competition and provide an incentive for investment in grain rail infrastructure facilities.	2015 - 2023	Murray Basin Freight Rail Project
78	VIC	New infrastructure	Victorian Intermodal Terminals Package	VIC Government, Australian Government	Planning is underway to deliver new intermodal freight precincts at Truganina in Melbourne's west and Beveridge in Melbourne's outer north to service the state's growing freight and logistics sector. Precincts will handle interstate freight, as well as import and export container trade.	2018 - Current	Victorian Department of Transport's Intermodal Terminals Package
79	WA	Governance and coordination	Suite of WA Government initiatives	WA Government in partnership with ARRB	The WA Government has implemented a range of resilience initiatives, including a network vulnerability assessment and a project to incorporate bushfire considerations into road infrastructure designs.	Various	Main Roads WA projects and initiatives
80	WA	Governance and coordination	WA Shipping and Supply Chain Taskforce	WA Government in partnership with ARRB	The WA Shipping and Supply Chain Taskforce was established in March 2022 to examine risks to the shipping industry and supply chains linking WA to the east coast and internationally. It will also examine the potential for long distance freight to be carried by coastal shipping between WA and eastern states, the development of local WA training facilities and maritime career pathways, and opportunities to develop multi-modal responsiveness to supply chain disruption. The Taskforce will report back to its Minister on March 31 2023.	2022 - 2023	WA Shipping and Supply Chain Taskforce
81	WA	Governance and coordination	WA Climate Policy	WA Government in partnership with ARRB	The WA Climate Policy outlines the priority themes and practical actions the WA Government is taking to enhance climate resilience and support low carbon transition.	Current	WA Climate Policy
82	All	Governance and coordination	Office of National Rail Industry Coordination (ONRIC)	DISR	The ONRIC will lead a national and coordinated approach to address challenges facing the rail manufacturing sector, and deliver the \$14.2 million National Rail Manufacturing Plan. The ONRIC will also establish a Rail Industry Innovation Council; appoint a rail supply advocate; and develop a National Rail Procurement and Manufacturing Strategy.	Current	ONRIC