



Government of **Western Australia**  
Department of **Treasury**

# INFRASTRUCTURE PROJECTS IN WESTERN AUSTRALIA



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Water Corporation (Pages 3, 17)

Disclaimer: This brochure is accurate at the time of publishing following the [2022-23 State Budget](#).

For more up to date information please refer to the [2022-23 Government Mid-year Financial Projections Statement](#) released in December 2022.

## **Acknowledgement of Country**

The Government of Western Australia acknowledges the traditional custodians throughout Western Australia and their continuing connection to the land, waters and community. We pay our respects to all members of the Aboriginal communities and their cultures; and to Elders both past and present.

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# OVERVIEW

This document is provided as a guide to construction firms that are considering seeking out new markets in the State. It outlines some of the major infrastructure initiatives being planned or undertaken by the Western Australian Government over the medium term.

Covering an area of more than 2.5 million square kilometres – around the size of Western Europe – Western Australia is one of the largest and most diverse resource provinces in the world. Western Australia's economy is export oriented, with around half of Australia's exports of goods originating from the State each year, including minerals, petroleum, agri-food and specialised manufactured goods.

The State has the world's largest reserves of iron ore, substantial deposits of critical minerals required for new technologies and batteries, and extensive and affordable energy sources such as natural gas, solar and wind.

The Western Australian population is forecast to grow from around 2.7 million today to 4.3 million by 2042, an increase of 60%. This will place increased pressure on existing infrastructure and generate demand for better use of existing assets and investment in new infrastructure.



Over the next four years to 2025-26, the Western Australian Government is investing a record \$33.9 billion towards building critical infrastructure for the future and supporting local jobs:



- road, rail and transport infrastructure spending totals \$14.3 billion over the four years to 2025-26, including \$6 billion on the Government's METRONET program of works;
- investment of \$1.6 billion over the next four years to construct, refurbish and expand the State's health infrastructure. Significant investments include the Geraldton Health Campus Redevelopment, Peel Health Campus Redevelopment, Medical Equipment and Imaging Replacement Program, Bunbury Hospital Redevelopment, Joondalup Health Campus Development Stage 2, Meekatharra Hospital, and Tom Price Hospital Redevelopment;
- \$1.7 billion for the construction, refurbishment and expansion of public schools across Western Australia, including \$595 million in 2022-23. Additional accommodation will be provided at Harrisdale and Anne Hamersley Primary Schools, as well as expansions to Alkimos College and Brabham Primary School;
- additional investment of over \$500 million has been committed in the 2022-23 Budget to port projects that will increase the State's economic capacity, including a major capacity expansion at the Port of Geraldton, a supply base and chemical facility at Broome Port, and progressing the Lumsden Point development at Port Hedland;
- additional investment in community services infrastructure, including a new \$350 million Remote Communities Fund, \$31.4 million for the spot purchase of social housing, \$19.7 million on the Perth Aboriginal Short Stay Accommodation facility, and an additional \$16 million towards rejuvenation of the Perth Cultural Centre; and
- \$350 million over 2022-23 to 2025-26 to provide additional capacity at Geraldton Port. The investment includes a new berth with associated ship loading and material handling infrastructure, a multi-user storage facility, two truck unloaders, relocation of the tugboat harbour to allow additional tugs to be accommodated, and road works to facilitate the increase in truck movements.

The Western Australian Government's biggest projects currently in the planning phase include:



- the State's next desalination plant, with an expected total cost of \$2 billion (of which \$1.4 billion is already funded);
- the \$1.8 billion establishments of a new Women and Babies Hospital, of which \$10.2 million has been allocated for the completion of a combined business case/project definition plan and the commencement of enabling works and schematic design. A site north of Sir Charles Gairdner Hospital's G block has been selected for the new world-class hospital. Planning for the new hospital is scheduled for completion this year, with enabling works to commence in 2023; and
- Westport, which will be a multi-billion dollar project for a new port in Kwinana's Outer Harbour with integrated road and rail transport networks. To date, the Western Australian Government has committed almost \$500 million to the Westport Program, with the next two years focused on developing a business case and progressing enabling works.



# Funded Asset Investment Program 2022-23 to 2025-26<sup>1</sup>

The table below provides a summary of key public infrastructure investments in Western Australia over the next four years. Further details of projects and contacts are provided within the remainder of this document.

Infrastructure Type	2022-23	Estimated from 2022-23 to 2025-26
Road, Rail and Transport	\$4,446 million	\$14,286 million
Electricity Generation, Transmission and Distribution	\$1,255 million	\$4,175 million
Water, Wastewater and Drainage <sup>(a)</sup>	\$691 million	\$2,704 million
Education and Training <sup>(b)</sup>	\$686 million	\$1,888 million
Health-related Infrastructure	\$658 million	\$1,552 million
Social Housing and Other Residential Facilities	\$471 million	\$1,115 million
Port Facilities <sup>(c)</sup>	\$644 million	\$1,749 million
Law and Order <sup>(d)</sup>	\$205 million	\$512 million

(a) 'Water, Wastewater and Drainage' includes Water Corporation, Bunbury Water Corporation (Aqwest) and Busselton Water

(b) 'Education and Training' includes the Departments of Training, Workforce and Development, and Education

(c) 'Port Facilities' includes Westport

(d) 'Law and Order' includes the Western Australia Police Force and the Department of Justice

With respect to the medium to longer-term outlook, Infrastructure Western Australia has released a draft State Infrastructure Strategy (the Strategy) which details the infrastructure outlook for Western Australia over the next 20 years. The Strategy has been submitted to the Premier for his consideration. The Government will respond to the final strategy within six months from the date it is tabled in Parliament, including the extent to which the Government accepts the Strategy recommendations. Further information is available at [www.infrastructure.wa.gov.au](http://www.infrastructure.wa.gov.au).



## Further information about the Asset Investment Program

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(1) Table 1 excludes the 2022-23 Budget Underspend and Carryover Provision

# RAIL AND TRANSPORT



An integrated transport system is essential for moving goods to market and people to jobs and services. Western Australia is by far the largest State in the country and is serviced by more than 18,700 kilometres of roads across the State. The Perth metropolitan rail network consists of over 180 kilometres of track upon which more than 1,000 train services operate daily, while more than 11,200 timetabled bus services operate each weekday.

Investment in road, rail and transport is estimated at \$4.4 billion in 2022-23 (a 40% increase over estimated spending of \$3.1 billion in 2021-22), and \$14.3 billion over the four years to 2025-26.

METRONET projects account for a substantial proportion of this spending, with over \$6 billion committed over the next four years to shape future development of the Perth metropolitan area – with a view to reducing road congestion and improving connectivity and urban amenity.

The 2022-23 Budget includes **\$1 BILLION** in additional State and Commonwealth funding for METRONET projects, including:

- further investment in the Train Control and Signalling project, which forms part of the High Capacity Signalling program of works and is currently out to tender. The program of works will increase the capacity of the rail network, improve safety and allow trains to operate more efficiently;
- relocating the Canning Bridge Bus Interchange from Canning Highway to an elevated platform above the Freeway and train station, to improve safety for commuters and reduce traffic congestion and travel times;
- planning for the removal of the level crossing at Morrison Road on the Midland Line, which will improve safety and traffic congestion in the area; and
- further investment in the Thornlie-Cockburn Link and the Yanchep Rail Extension projects to address the impacts of increased costs and supply chain constraints impacting the construction market.



**BUNBURY OUTER  
RING ROAD**



The Government is also investing heavily to support the freight network, safer roads and less congestion, particularly in the regions with an additional:

- **\$400 MILLION** to complete the Bunbury Outer Ring Road, which will improve freight efficiency, remove trucks from local roads and reduce travel time;
- **\$175 MILLION** to continue the Regional Road Safety Program in 2023-24, providing further low cost and highly effective treatments on regional roads; and
- **\$223 MILLION** for the Pinjarra Heavy Haulage Deviation project which will provide an alternative route for heavy vehicles resulting in improved efficiency, reduced congestion and safer central town streets for local residents and pedestrians.

Other significant regional projects include:

- **\$120 MILLION** for Moorine Rock to Mount Holland Road upgrades (partly funded by a third-party contribution);
- **\$40 MILLION** for the Port Hedland Airport Deviation;
- **\$20 MILLION** for upgrades to the intersection of Forrest Highway and Vittoria Road in Picton, which will improve traffic flow in the area;

- **\$50 MILLION** for the construction of additional overtaking lanes on the Great Northern Highway between Newman and Port Hedland; and
- **\$10 MILLION** for upgrades to the intersection of Chidlow-York Road and Forrest Street in York (which includes a minor third-party contribution).

A further **\$840 MILLION** has been funded jointly by the Commonwealth and State Governments for the following metropolitan road projects:

- an expansion of the Thomas Road dual carriageway from South Western Highway to Tonkin Highway, which will cost **\$160 MILLION** over the four years to 2025-26 (and an additional **\$130 MILLION** in 2026-27) and improve traffic flow and alleviate bottlenecks leading into the new Thomas Road bridge over the rail line in Byford (which is currently in delivery);
- the Tonkin Highway Extension, with **\$140 MILLION** in additional expenditure over 2023-24 to 2025-26 (and a further **\$110 MILLION** beyond 2025-26);
- a new interchange between Warbrook Road and Maralla Road on Tonkin Highway to provide better access to Ellenbrook and current and future surrounding suburbs, with

**\$2 MILLION** to be spent over 2024-25 and 2025-26 (and an additional **\$98 MILLION** in 2026-27);

- commencing planning and construction of a bridge to connect Nicholson Road and Garden Street at a cost of **\$80 MILLION**;
- the Swan River Crossing (Fremantle Road and Rail Bridge), with additional expenditure of **\$50 MILLION**;
- the Swan River Cyclist and Pedestrian Bridge under the Perth City Deal, with additional expenditure of **\$50 MILLION**;
- commencing a grade separation of the Leach Highway and Stock Road intersection, at a cost of **\$10 MILLION**; and
- the Wanneroo Road duplication project, with additional expenditure of **\$10 MILLION**.

As part of the Government's decision to deliver a number of regional road maintenance contracts inhouse (which is estimated to save more than **\$25 MILLION** per year), Main Roads will spend **\$48 MILLION** to provide the necessary staff accommodation, office space and vehicle depots required to deliver the services.



A cyclist and pedestrian bridge will be constructed to address connectivity to the East Perth Train Station, with an additional **\$19.5 MILLION** allocated to the project (for a total budget of **\$35 MILLION**) to improve its design and width, which will improve integration with the train station and better cater for cyclists and 'e-transport' users.

Major works in progress include:

- **\$380 MILLION** for sealing the Manuwarra Red Dog Highway to provide road users with a safe sealed road to access popular tourist attractions such as Millstream National Park; and
- **\$110 MILLION** to construct a second road traffic bridge over Mandurah Estuary to the south of the existing bridge.

The Rail Infrastructure Program, which supports the maintenance and improvement of the existing rail network, includes upgrades to signalling, pedestrian gates, level crossings and rail bridge works. Additional investment of **\$91.6 MILLION** has been allocated to the program over 2021-22 to 2024-25.

As part of the Government's **\$59 MILLION** package for zero and low emission

light vehicles in the 2022-23 Budget, **\$4 MILLION** will be invested in 2022-23 to trial the installation of electric vehicle recharging infrastructure at four metropolitan train station carparks.

With the goal of improving safety for patrons, **\$2.5 MILLION** has been invested in 2021-22 to upgrade the Perth Train Station forecourt. The upgrade will improve lighting and pedestrian movement and provide better connection to Yagan Square.



## Further Information on Road, Rail and Transport

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## Road, Rail and Transport Projects over \$20 million

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Commissioner of Main Roads	Tonkin Highway Corridor Upgrades – Tonkin Highway Gap; Grade Separations at Hale, Welshpool and Kelvin Roads; and Stage 3 Extension	1,641	State-wide
	Bunbury Outer Ring Road – Election Commitments	1,252	South West
	Reseal Program – Capitalisation of Reseal Program <sup>(a)</sup>	854	State-wide
	Regional Road Safety Program – Road Safety Program <sup>(a)</sup>	708	Regional WA
	Safer Roads and Bridges Program – Safer Roads and Bridges Program <sup>(a)</sup>	514	State-wide
	Karratha to Tom Price – Manuwarra Red Dog Highway – Election Commitments	380	Pilbara
	Roe Highway – Great Eastern Highway Bypass including Abernethy Road	320	Perth Metropolitan
	Thomas Road South-western Highway to Tonkin Highway Dual Carriageway	290	Peel
	Queen Victoria Street – Swan River Crossings (Fremantle Road and Rail Bridge) – Construct New Bridge	280	Perth Metropolitan
	Great Northern Highway – Bindoon Bypass – Construct New Alignment	275	Wheatbelt
	Great Eastern Highway – Coates Gully, Walgoolan to Southern Cross and Ghooli to Benari	250	Wheatbelt
	Pinjarra Heavy Haulage Deviation – Pinjarra Heavy Haulage Deviation – Stage 1 and Stage 2	250	Peel
	Mitchell Freeway – Hester Avenue to Romeo Road – Extension	232	Perth Metropolitan
	Reid Highway – Altone Road and Daviot Road / Drumpellier Drive Grade Separations	225	Perth Metropolitan

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Commissioner of Main Roads	Road Safety Commission – Regional Road Safety Improvements <sup>(a)</sup>	225	Regional WA
	Reid Highway – West Swan and Reid Highway Interchange	175	Perth Metropolitan
	Albany Highway – Albany Ring Road – Election Commitments	175	Great Southern
	Perth Airport Precinct – Northern Access	170	Perth Metropolitan
	Smart Freeways – Transforming Freeways – Mitchell Freeway Corridor	140	Perth Metropolitan
	Mitchell Freeway – Stephenson Avenue	139	Perth Metropolitan
	Department of Transport – Principal Shared Path Program	137	Perth Metropolitan
	Leach Highway – Leach Highway and Welshpool Road Grade Separated Interchange	136	Perth Metropolitan
	Gibb River Road – Derby – Gibb River – Wyndham Improve Formation and Gravel	132	Kimberley
	Great Eastern Highway – Covalent Lithium Mine Access Road Construct, Seal and Widen to Moorine Rocks	120	Wheatbelt
	Great Northern Highway – Marble Bar Road Upgrade	120	Pilbara
	Old Coast Road – Mandurah Estuary Bridge Duplication – Election Commitments	110	Peel
	Road Safety Commission – Metropolitan Intersections Crash Program <sup>(a)</sup>	101	Perth Metropolitan
	Department of Transport – Principal Shared Path Causeway Cyclist and Pedestrian Bridge – COVID-19 Response	100	Perth Metropolitan
	Northern Australia Roads and Beef Roads Programs – Great Northern Highway – Ord River	98	Kimberley
	Capitalised Operational Costs – 2024-25 Program <sup>(a)</sup>	90	State-wide
	Capitalised Operational Costs – 2025-26 Program <sup>(a)</sup>	90	State-wide
	Capitalised Operational Costs – 2023-24 Program <sup>(a)</sup>	89	State-wide
	Capitalised Operational Costs – 2022-23 Program <sup>(a)</sup>	88	State-wide
	Bussell Highway – Bussell Highway Duplication Stage 1 and Stage 2	85	South West



Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Commissioner of Main Roads	Nicholson Road and Garden Street Grade Separation Planning and Construction	80	Perth Metropolitan
	Toodyay Road – Toodyay Road Upgrade – Dryandra to Toodyay	80	Wheatbelt
	Great Northern Highway – Port Hedland Airport Deviation	76	Pilbara
	Smart Freeways – Hodges Drive to Hepburn Avenue Widening Southbound	76	Perth Metropolitan
	Thomas Road – METRONET – Byford Rail Extension – Thomas Road Bridge	69	Peel
	Great Northern Highway – Nellie Springs to Sally Downs Well and Arthur Creek	60	Kimberley
	Indian Ocean Drive – Indian Ocean Drive – Jurien Bay to Brand Highway	55	Mid West
	Freight Vehicle Productivity Improvements Program <sup>(a)</sup>	50	State-wide
	Buildings and Equipment – 2022-23 Program <sup>(a)</sup>	41	State-wide
	Buildings and Equipment – 2024-25 Program <sup>(a)</sup>	39	State-wide
	Thomas Road – Kwinana Freeway to Nicholson Road Upgrade	38	Peel
	East Perth Power Station Footbridge	35	Perth Metropolitan
	Rail Crossing Program – Rail Crossing Program	30	State-wide
	Buildings and Equipment – 2023-24 Program <sup>(a)</sup>	28	State-wide
	Minor Works (includes Black Spot and Urgent Minor Works) – 2025-26 Program <sup>(a)</sup>	27	State-wide
	Great Northern Highway – Newman to Katherine Corridor – Broome to Kununurra Upgrade Stage 1	26	Kimberley
	Wanneroo Road – Wanneroo Road Duplication – Dunstan Road to Romeo Road	25	Perth Metropolitan
	Minor Works (includes Black Spot and Urgent Minor Works) – 2024-25 Program <sup>(a)</sup>	23	State-wide
	Buildings and Equipment – 2025-26 Program <sup>(a)</sup>	22	State-wide
	Minor Works (includes Black Spot and Urgent Minor Works) – 2022-23 Program <sup>(a)</sup>	21	State-wide
	Forrest Highway – Forrest Highway (Vittoria Road) – New Intersection and Road Connection	20	South West

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Public Transport Authority of Western Australia	METRONET – Forrestfield-Airport Link	1,861	Perth Metropolitan
	METRONET – Morley-Ellenbrook Line	1,123	Perth Metropolitan
	METRONET – Level Crossing Removal – Victoria Park – Canning (Inner Armadale)	1,047	Perth Metropolitan
	METRONET – Thornlie-Cockburn Link	880	Perth Metropolitan
	METRONET – Byford Rail Extension	797	Peel
	METRONET – Railcar Replacement	749	State-wide
	Bus Replacement Program – New Bus Replacement Program in Progress <sup>(a)</sup>	614	State-wide
	METRONET – Yanchep Rail Extension	607	Perth Metropolitan
	Rail Infrastructure Program – Rail Infrastructure in Progress <sup>(a)</sup>	494	State-wide
	METRONET – Railcar Acquisition	473	State-wide
	METRONET – High Capacity Signalling Program of Works	449	State-wide
	Rail Infrastructure Program – Rail Infrastructure Program <sup>(a)</sup>	252	Regional – all
	METRONET – New Midland Station	239	Perth Metropolitan
	METRONET – Bayswater Station (Forrestfield-Airport Link Services and Morley-Ellenbrook Line Forward Works)	227	Perth Metropolitan
	METRONET – Canning Bridge Bus Interchange	202	Perth Metropolitan
	Freight Program – Western Australian Agricultural Supply Chain Improvements	177	Wheatbelt

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Public Transport Authority of Western Australia	Major Projects – Stirling Bus Interchange	90	Perth Metropolitan
	METRONET – New Stations and Existing Stations Upgrades	82	Perth Metropolitan
	METRONET – Lakelands Station	72	Peel
	Operational Business Support Systems Program – Business Support Upgrades in Progress <sup>(a)</sup>	65	State-wide
	Bus Infrastructure Program – Smartrider System Asset Replacement and Technology Update	58	State wide
	Rail Infrastructure Program – Kwinana and Mitchell Freeway Barrier Upgrades <sup>(a)</sup>	57	Perth Metropolitan
	Railcar Program – Rail Futures Fund (Australind Railcar Replacement) <sup>(a)</sup>	55	State-wide
	METRONET – Greenwood Station Multi-Storey Car Park	38	Perth Metropolitan
	METRONET – New Midland Station Multi-Storey Carpark	36	Perth Metropolitan
	Freight Program – Freight Rail Upgrades	20	Perth Metropolitan

(a) Ongoing program of maintenance and/or minor works



# ELECTRICITY GENERATION, TRANSMISSION AND DISTRIBUTION



The State's electricity sector is experiencing a major transformation with the rapid uptake of rooftop solar panels, battery storage systems, and increasing levels of large-scale renewable generators such as wind and solar farms.

Renewable energy sources, including rooftop solar, wind and solar farms, contribute approximately 35% of electricity supply capacity (3,006 megawatts) in the South West Interconnected System (SWIS); up from around 5% a decade ago. Since March 2017, new wind generation capacity has increased by 533 megawatts and rooftop solar capacity has increased by 1,142 megawatts. There has also been a 5% increase in large-scale solar capacity over the same time period.

Investment by the State's electricity utilities totals \$4.2 billion over the four years to 2025-26. Across the three State-owned electricity corporations:

**WESTERN POWER, WHICH OPERATES THE TRANSMISSION AND DISTRIBUTION NETWORK IN THE SWIS, IS FORECAST TO INVEST \$3.7 BILLION**

**SYNERGY, WHICH GENERATES AND SELLS ELECTRICITY IN THE SWIS, IS FORECAST TO INVEST \$275.8 MILLION**

**HORIZON POWER, AUSTRALIA'S ONLY VERTICALLY INTEGRATED UTILITY, WILL INVEST \$241.4 MILLION IN GENERATION, TRANSMISSION, DISTRIBUTION AND RETAIL SERVICES IN REGIONAL WESTERN AUSTRALIA.**

**\$241.4 MILLION**



WIND TURBINES

Projects aimed at ensuring the safety and security of electricity supply, whilst enabling the integration of new technology and supporting the energy transition include:

- Synergy will invest a net **\$12.6 MILLION** on a range of projects required to ensure the ongoing safety and reliability of its generation plant;
- Western Power will invest an additional **\$31.9 MILLION** over 2021-22 to 2025-26 to bring forward the installation of approximately 240,000 advanced meters, providing full coverage of advanced metering in the South West Interconnected System by 30 June 2027;
- Western Power is forecast to spend **\$44.4 MILLION** over 2022-23 to 2025-26, funded by local government authorities, to proactively replace approximately 44,600 existing traditional streetlights with smart-enabled LED streetlights; and
- Synergy and Horizon Power will spend **\$21.9 MILLION** over 2021-22 to 2023-24 to build Australia's longest electric vehicle fast charging network, from Kununurra in the north to Eucla in the south.

## Further Information on Electricity Generation, Transmission and Distribution

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## SIGNIFICANT ELECTRICITY GENERATION, TRANSMISSION AND DISTRIBUTION INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Horizon Power	Asset Management Plan – Asset Replacement	184	Regional WA
	Asset Management Plan – Safety	174	Regional WA
	Asset Management Plan – Knowledge and Technology Investment	67	Regional WA
Synergy	Generation – Muja Power Station	161	South West
	Generation – Big Battery	153	Perth Metropolitan
	Generation – Cockburn Gas Turbine	91	Perth Metropolitan
	Corporate – Business Systems Replacement	90	Perth Metropolitan
	Generation – Collie Power Station	89	South West
	Generation – Pinjar Gas Turbine	52	Perth Metropolitan
	Retail – Customer Engagement Platform	30	Perth Metropolitan



Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Western Power	Safety – Pole Management	2,479	State-wide
	Growth – Distribution – Customer Access	1,963	State-wide
	Service – Business Support and ICT	1,188	State-wide
	Service – Reliability Driven Asset Replacement	1,068	State-wide
	Safety – Conductor Management	862	State-wide
	Service – Metering	520	State-wide
	Growth – Transmission – Customer Driven	435	State-wide
	Government Initiative – State Underground Power Program	376	Perth Metropolitan
	Growth – Distribution – Capacity Expansion	344	State-wide
	Service – Regulatory Compliance	343	State-wide
	Service – Corporate Real Estate	324	State-wide
	Safety – Grid Transformation	214	State-wide
	Safety – Connection Management	212	State-wide
	Safety – Standalone Power System	193	State-wide
	Growth – Transmission – Capacity Expansion	186	State-wide
	Other Asset Investment – Motor Vehicle Fleet and Mobile Plant	78	State-wide
	Government Initiative – Relocation and Augmentation of Network Assets	76	Perth Metropolitan
	Security – Voltage and Fault Level Management	68	State-wide
	Security – Thermal Management	54	State-wide

# WATER, WASTEWATER AND DRAINAGE

Western Australia's public water and wastewater asset base includes approximately 52,000 kilometres of pipes and 1,600 pump stations to provide services to over two million connections across the State. Water is abstracted and treated in multiple facilities across the system to deliver safe drinking water quality to customers. There are over 100 wastewater treatment facilities to treat wastewater before returning it to the environment or recycling it for a range of uses. Stormwater drainage assets are comprised of bridges, basins, open channels, levees, and piped systems that interact with local government networks and customer connections.

Since the 1970s, the south-western part of Western Australia has experienced a 20% decline in average rainfall, reducing inflows to Perth's dams by 80%. The reduced surface water inflow to dams caused by a drying climate is resulting in the need for traditional water sources to be augmented with rainfall independent-sources.

Western Australia currently has two seawater desalination plants, with water produced by these plants making up 47% of Perth's water supply in 2020-21. The State Government is forecast to spend around \$2.6 billion over the four years to 2025-26 on water, wastewater and drainage services.

## WATER CORPORATION WATER INFRASTRUCTURE PROJECTS INCLUDE:

**\$7 MILLION ALLOCATED**

for the Water Corporation to replace the existing single lane Wellington Dam Road bridge with a dual lane bridge that includes a large pedestrian walkway.

**\$8.8 MILLION ALLOCATED**

for the Water Corporation for further enabling and planning works on Perth's third Seawater Desalination Plan project.

**\$10 MILLION ALLOCATED**

Aqwest will spend \$10 million in 2022-23 to fluoridate its water supply network.







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# Significant Water, Wastewater and Drainage Initiatives

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Water Corporation	Metropolitan – Wastewater – Treatment Capacity	531	State-wide
	Service – Business Support Costs	486	State-wide
	Regional – Water – Supply Capacity	484	State-wide
	Metropolitan – Water – Supply Capacity	425	State-wide
	Metropolitan – Wastewater – Network Capacity	407	State-wide
	Metropolitan – Water – Network Capacity	372	State-wide
	Regional – Water – Network Renewals	267	State-wide
	Regional – Wastewater – Treatment Capacity	246	State-wide
	Metropolitan – Water – Network Renewals	244	State-wide
	Service – Capital Support Costs	227	State-wide
	Service – Operational Information and Control	201	State-wide
	Regional – Water – Network Capacity	169	State-wide
	Metropolitan – Wastewater – Network Renewals	162	State-wide
	Service – Corporate Real Estate	162	State-wide
	Metropolitan – Water – Supply Renewals	149	State-wide
	Metropolitan – Wastewater – Treatment Renewals	136	State-wide
	Regional – Wastewater – Network Capacity	84	State-wide
	Regional – Wastewater – Network Renewals	79	State-wide
	Regional – Irrigation	77	State-wide
	Metropolitan – Drainage – Capacity	62	State-wide
	Regional – Wastewater – Treatment Renewals	45	State-wide
	Election Commitment – Essential and Municipal Services Upgrade Program	39	Kimberley
	COVID-19 Response – Remote Aboriginal Communities Accelerated Works	39	Kimberley
Bunbury Water Corporation	Water Resource Recovery Scheme – COVID-19 Response	28	South West

# EDUCATION AND TRAINING RELATED INFRASTRUCTURE

 The Western Australian Government is committed to ensuring that all students across Western Australia have access to a quality education for a bright future, developing a skilled workforce that meets the State's economic and community needs.

More than 476,150 students were enrolled in 1,138 schools (kindergartens, primary schools, high schools and colleges) across Western Australia in 2022. Of these, 313 were non-government schools.

The State Government training system operates two metropolitan and three regional technical and further education (TAFE) services and delivers vocational education courses in over 50 locations across WA.

There are five universities in Western Australia.

Education infrastructure investment over the four years to 2025-26 is focussed on providing education facilities to meet enrolment growth and improving infrastructure for public schools throughout the State, enhancing opportunities for public school students.



BOB HAWKE COLLEGE



The Western Australian Government is investing **\$1.7 BILLION** for the construction, refurbishment and expansion of public schools across Western Australia, including \$595 million in 2022-23. This includes:

- in response to enrolment growth in outer metropolitan locations, the Government will invest **\$50.7 MILLION** over the four years to 2025-26 and a further \$1.6 million in 2026-27 to construct additional classroom blocks at Harrisdale Primary School (\$22.9 million), Anne Hamersley Primary School (\$19.1 million), and Caversham Valley Primary School (\$10.3 million);
- Alkimos College is forecast to exceed its maximum student capacity by the 2025 school year. To address this, a total of **\$39.1 MILLION** will be invested over 2022-23 to 2024-25 to construct a Stage 2 expansion that will include additional general classroom blocks and the specialist facilities required to deliver a full senior secondary curriculum;
- in response to increasing enrolment demand for both mainstream students and high need students with a disability, the Government will deliver an additional three storey general learning classroom block and education support facilities at Brabham Primary School, at a cost of **\$36.2 MILLION** over 2022-23 to 2025-26;

- the Government will invest an additional \$28.4 million over 2022-23 and 2023-24 on critical maintenance programs, including roof replacement, plaster glass and ceiling remediation, as well as upgrades to school alarm systems, fire services and pool safety facilities;
- to manage localised student enrolment pressures, a further **\$20 MILLION** will be invested in 2022-23 to facilitate the acquisition of 86 additional transportable classrooms for the 2023 school year; and
- **\$3.3 MILLION** will be invested in 2024-25 to undertake works to remove aluminium composite panels at 11 schools.

TAFE projects include:

- **\$20.4 MILLION** for a specialist light auto trade training workshop at North Metropolitan TAFE's Joondalup campus to cater for emerging automotive and information and communications technologies; and
- **\$20.5 MILLION** for a new Trades Workshop at South Regional TAFE's Albany campus to replace outdated workshops and provide contemporary training spaces for automotive, metals and engineering, building and construction, carpentry and joinery.

### Further Information on Education and Training Related Infrastructure

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## SIGNIFICANT EDUCATION AND TRAINING RELATED INFRASTRUCTURE INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Education	Miscellaneous – Small Asset Capital Purchases	527	State-wide
	New Primary Schools (2025-2028) Locations to be Determined	250	State-wide
	Additions and Improvements to Secondary Schools – Science, Technology, Engineering and Mathematics – Election Commitments	88	State-wide
	New Secondary School – Piara Waters Secondary School	59	Perth Metropolitan
	Transportable Classrooms	58	State-wide
	Additional Stages at Secondary Schools – Bob Hawke College Stage 2 – COVID-19 Response	53	Perth Metropolitan
	Additions and Improvements to District High Schools – Roebourne District High School – COVID-19 Response	42	Pilbara
	Additional Stages at Secondary Schools – Alkimos College Stage 2 – Election Commitments	40	Perth Metropolitan
	Additions and Improvements to Primary Schools – Brabham Primary School – Additional Accommodation including Education Support Centre	36	Perth Metropolitan
	Miscellaneous – Schools Clean Energy Program – Election Commitments	35	State-wide
	Additions and Improvements to Secondary Schools – Rossmoyne Senior High School – Election Commitments	35	Perth Metropolitan
	Miscellaneous – Infrastructure Power Upgrades	34	State-wide
	Additions and Improvements to Secondary Schools – Duncraig Senior High School – Election Commitments	32	Perth Metropolitan
	Additions and Improvements to Secondary Schools – Carine Senior High School – COVID-19 Response	32	Perth Metropolitan
	Additions and Improvements to Secondary Schools – Karratha Senior High School – COVID-19 Response	32	Pilbara
	Additions and Improvements to Secondary Schools – Ashdale Secondary College	29	Perth Metropolitan
	New Primary Schools – Wellard Village Primary School	26	Perth Metropolitan



Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Education	New Primary Schools – Henley Brook Primary School	26	Perth Metropolitan
	Additions and Improvements to Secondary Schools – Kalamunda Senior High School – COVID-19 Response	26	Perth Metropolitan
	New Primary Schools – Wattleup (East) Primary School	26	Perth Metropolitan
	New Primary Schools – Madora Bay Primary School	26	Peel
	Lynwood Senior High School – COVID-19 Response	25	Perth Metropolitan
	Additions and Improvements to Secondary Schools – John Curtin College of the Arts – Election Commitments	23	Perth Metropolitan
	Additions and Improvements to Primary Schools – Harrisdale Primary School – Additional Accommodation	23	Perth Metropolitan
	Additional Stages at Secondary Schools – Byford Secondary College Stage 4 – Election Commitments	22	Peel
	Miscellaneous – Transportable Classrooms – Additional Transportable Classrooms for 2023	20	State-wide
Training and Workforce Development	Remedial Works Program – Remedial Works Program	127	State-wide
	New Buildings and Additions at TAFE Colleges – North Metropolitan TAFE Balga Campus – Specialist Teaching Block – COVID-19 Response	40	Perth Metropolitan
	New Buildings and Additions at TAFE Colleges – South Metropolitan TAFE – Armadale Training Campus – COVID-19 Response	34	Perth Metropolitan
	New Buildings and Additions at TAFE Colleges – North Regional TAFE – Pundulmurra Trade Expansion (South Hedland) – COVID-19 Response	31	Pilbara
	New Buildings and Additions at TAFE Colleges – Investing in Modern Equipment for TAFE – Election Commitments	22	State-wide

# HEALTH RELATED INFRASTRUCTURE



The State Government has recently undertaken a comprehensive review (the *2019 Sustainable Health Review*) to prioritise the delivery of patient centred, high-quality and financially sustainable healthcare across the State.

The Department of Health, supported by the Health Service Providers, is responsible for the provision of Health services in the State, including through 85 hospital sites across Western Australia.

The Western Australian Government is investing \$1.6 billion over the next four years to construct, refurbish and expand the State's health infrastructure.

## Further Information on Health Related Infrastructure Department of Health

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**WOMEN AND BABIES HOSPITAL**

Significant investments include the Geraldton Health Campus Redevelopment, Peel Health Campus Redevelopment, Medical Equipment and Imaging Replacement Program, Bunbury Hospital Redevelopment, Joondalup Health Campus Development Stage 2, Meekatharra Hospital, and Tom Price Hospital Redevelopment:

- to deliver on the Government's commitment for a staged redevelopment of the Geraldton Health Campus, an additional **\$49.4 MILLION** of capital investment has been allocated to address cost escalation and supply chain constraints impacting the construction market in the Mid West region, including as a result of Cyclone Seroja. This brings the estimated total cost of this project to **\$122.7 MILLION**;
- the **\$152 MILLION** redevelopment and expansion of the Peel Health Campus is currently underway. This project is part of the election commitment to return privatised services into public hands;
- to further boost the Medical Equipment and Imaging Replacement Program, the Government will invest an additional **\$44 MILLION** over 2022-23 and 2023-24 to replace high priority medical and imaging equipment that is at the end of its useful life;
- the **\$200.1 MILLION** upgrade of the Bunbury Regional Hospital to address increasing projected demand for services in the South West region. This project will result in a significant expansion to capacity for general and mental health services. Stage 1 critical works are progressing, with development of a project definition plan currently underway;
- the **\$256.7 MILLION** redevelopment of Joondalup Health Campus. This project is in delivery phase with the major construction contract executed and works on the emergency department and car park expansion underway;
- **\$49 MILLION** development of Meekatharra Hospital. This project is in planning phase;
- **\$33 MILLION** to construct a new hospital facility in Tom Price;
- **\$38.1 MILLION** to continue implementation of Electronic Medical Records, which is the keystone to modernising health care and promoting clinical safety by providing a single, immediately accessible digital medical record across all sites; and
- the **\$1.8 BILLION** establishment of a new Women and Babies Hospital, of which **\$10.2 MILLION** has been allocated for the completion of a combined business case/project definition plan and the commencement of enabling works and schematic design. A site north of Sir Charles Gairdner Hospital's G block has been selected for the new world-class hospital. Planning for the new hospital is scheduled for completion this year, with enabling works to commence in 2023.

## SIGNIFICANT HEALTH RELATED INFRASTRUCTURE INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
WA Health	Equipment – Medical Equipment and Imaging Replacement Program	593	State-wide
	Hospitals, Health Centres and Community Facilities – Election Commitment – Joondalup Health Campus Development Stage 2 – Election Commitments	255	Perth Metropolitan
	Hospitals, Health Centres and Community Facilities – Bunbury Hospital Redevelopment – Election Commitments	200	South West
	Hospitals, Health Centres and Community Facilities – Minor Buildings Works	176	State-wide
	Hospitals, Health Centres and Community Facilities – Peel Health Campus – Redevelopment	152	Peel
	Hospitals, Health Centres and Community Facilities – Modularity – 4 x 30-Bed Ward Units – COVID-19 Response	152	State-wide
	Hospitals, Health Centres and Community Facilities – Election Commitment – Geraldton Health Campus Redevelopment – Election Commitments	123	Mid West
	Hospitals, Health Centres and Community Facilities – Election Commitment – Meekatharra Hospital – Election Commitments	49	Mid West
	Hospitals, Health Centres and Community Facilities – Fremantle Mental Health Beds – Election Commitments	43	Perth Metropolitan
	Information and Communication Equipment and Infrastructure – Electronic Medical Record – Digital Medical Records	40	State-wide
	Hospitals, Health Centres and Community Facilities – King Edward Memorial Hospital Critical Infrastructure	34	Perth Metropolitan
	Hospitals, Health Centres and Community Facilities – Tom Price Hospital Redevelopment	33	Pilbara
	Hospitals, Health Centres and Community Facilities – Sir Charles Gairdner Hospital – Sir Charles Gairdner Hospital GMP Laboratories and Cyclotron	32	Perth Metropolitan
	Hospitals, Health Centres and Community Facilities – Bentley Health Service – Secure Extended Care Unit	24	Perth Metropolitan
	Hospitals, Health Centres and Community Facilities – Laverton Hospital	23	Goldfields-Esperance



# SOCIAL HOUSING AND OTHER RESIDENTIAL FACILITIES



The State Government partners with industry, developers, landowners, community housing organisations, not-for-profit organisations and local Government to provide quality affordable and social housing.

The 2022-23 Budget also delivers on the Government's commitment to provide safe communities and help local and regional communities thrive. A total of \$1.8 billion will be invested in community services infrastructure, including \$350 million for a new Remote Communities Fund. These investments include Homelessness facilities (using a Common Ground model) to provide housing and support services to vulnerable people in need who are experiencing homelessness and rough sleeping in Perth and Mandurah. This investment will support the delivery of emergency and long term housing services, including wrap around services, to assist people to permanently exit homelessness.

**\$31.4** MILLION  
ALLOCATED

to spot purchase private dwellings in 2022-23 to increase the social housing stock and address demand in the social housing wait list;

**\$19.7** MILLION  
ALLOCATED

additional \$19.7 million from 2022-23 to 2024-25 to complete the 100 bed Perth Aboriginal Short Stay Accommodation facility to provide culturally appropriate and affordable short term accommodation for Aboriginal people visiting Perth; and

**\$15.6** MILLION  
ALLOCATED

in capital expenditure from 2022-23 to 2025-26 to establish the Fitzroy Crossing Aboriginal Housing Program to provide pathways to economic independence and home ownership for Aboriginal people.

Further Information on Social Housing Development

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## SIGNIFICANT SOCIAL HOUSING AND OTHER RESIDENTIAL FACILITIES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Communities	Investment into New Social Housing	353	State-wide
	Government Regional Officer Housing program	124	Regional WA
	Social Housing Economic Recovery Package – Refurbishments	102	State-wide
	Metronet – METRONET Social and Affordable Housing and Jobs Package	95	Perth Metropolitan
	Housing and Homelessness Investment Package – New Social Housing Builds	94	State-wide
	Crisis Accommodation Program	76	State-wide
	Social Housing Economic Recovery Package – New Builds	50	State-wide
	Housing and Homelessness Investment Package – Common Ground – Perth	45	Perth Metropolitan
	Goodstart Shared Equity Program	32	State-wide
	Housing and Homelessness Investment Package – Common Ground – Mandurah	28	Peel
	Aboriginal Short Stay Accommodation – Perth	26	Perth Metropolitan
	Aboriginal Short Stay Accommodation – East Kimberley	21	Kimberley

# PORT FACILITIES



Western Australia's ports play a major role in powering the Australian economy.

The Western Australian Government is proceeding with its transformational Westport program – one of Australia's most complex and exciting infrastructure projects that will support the State's economic growth for the next century.

Westport represents a rare opportunity to plan for a contemporary fit for purpose and sustainable port in Kwinana's Outer Harbour, optimising cutting edge technology and environmental outcomes. This new port will be fully integrated into a newly built trade network – comprising dedicated road and rail freight corridors, and state of the art logistical support infrastructure.

The Western Australian Government has committed almost \$500 million to Westport, with the next two years focusing on Stage 3 business case development and progressing enabling works (including land acquisition to secure the port and trade network footprint and deconstrain future construction). The business case will allow Government to decide when to initiate the following procurement, detailed design and construction.

The 2022-23 Budget invests an additional \$644 million in port infrastructure which is crucial to support and facilitate the expansion of existing and new industries.





This includes the following new initiatives:

- **\$332 MILLION** for a major upgrade at Geraldton Port to expand capacity and facilitate new projects in the Mid West region;
- **\$78.1 MILLION** for Lumsden Point to facilitate the future development of additional cargo facilities and a logistics hub at Port Hedland port;
- **\$52 MILLION** for the Kimberley Ports Authority, mainly for the construction of a new supply base and base infrastructure for a chemical processing and storage facility to support oil and gas operations in the Browse Basin (with this spending contingent on a contractual commitment to establish the supply base);
- **\$15 MILLION** to undertake dredging in the Port Hedland inner harbour to facilitate additional capacity;
- **\$14.6 MILLION** will be spent to address priority asset maintenance works across three ports at Albany, Esperance and Bunbury. The expenditure will ensure that the Authority's major infrastructure assets, such as wharves and breakwaters, meet operational and safety requirements;
- the Fremantle Port Authority will spend **\$7.5 MILLION** over 2022-23 and 2023-24 to continue the Government's development of the Victoria Quay into a vibrant civic, commercial and tourist destination. This project will support the early activation of the inner harbour for alternative uses ahead of the new port being established in Kwinana;
- **\$3.9 MILLION** to progress Stage 2 of the Esperance Port Berth 2 upgrade to enable the installation of a first flush tank and filtration system. This will improve stormwater quality by removing contaminants prior to runoff entering the harbour and ensure compliance with environmental standards;
- **\$3.6 MILLION** on the purchase of a new all-weather pilot launch. The new pilot launch will provide better coverage and risk management to Bunbury Port's pilotage services and be able to operate in all weather conditions; and
- **\$3.2 MILLION** to upgrade the fire protection system at Berth 8 Bunbury Port. The works will extend the existing fire pipe network to cover all assets within the Berth 8 precinct and will ensure compliance with fire safety protocols.

## Further Information on Port Facilities

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## SIGNIFICANT PORT INFRASTRUCTURE INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Fremantle Port Authority	Inner Harbour Infrastructure Refurbishment Program	36	Perth Metropolitan
	Outer Harbour – Kwinana Bulk Terminal – Infrastructure, Equipment Replacement and Upgrade	35	Perth Metropolitan
	Outer Harbour – Kwinana Bulk Terminal – Material Handling Infrastructure Renewal of Import System – COVID-19 Response	25	Perth Metropolitan
Kimberley Ports Authority	Major Port Infrastructure – Supply Base	45	Kimberley
Mid West Ports Authority	Miscellaneous Works – PMaxP	350	Mid West
Pilbara Ports Authority	Dampier Cargo Wharf Extension	195	Pilbara
	Port of Port Hedland – Election Commitment – Spoilbank Marina	160	Pilbara
	Port of Port Hedland – Lumsden Point General Cargo Facility and Logistics Hub	78	Pilbara
	Port of Port Hedland – Tug Haven Revetment Wall Upgrades – COVID-19 Response	51	Pilbara
	Minor Works – 2023-24 Program	20	Pilbara
	Minor Works – 2024-25 Program	20	Pilbara
	Minor Works – 2025-26 Program	20	Pilbara

# LAW AND ORDER RELATED INFRASTRUCTURE



The Western Australian Police Force (WA Police Force) is tasked with policing the world's largest police jurisdiction, from an infrastructure base of over 200 police facilities. The Department of Justice (Justice) is primarily responsible for providing policy and administration to the judiciary, State Government and community. Justice and Corrective Services are delivered from a wide infrastructure base of courthouses, prisons, adult community correction centres, work camps, youth detention centres, youth justice centres and other administrative centres.

Investment in facilities to support community safety totals **\$512 MILLION** over the period 2022-23 to 2025-26. New investments include:

- in support of the Government's commitment to boost community policing by 950 police officers, an additional **\$32.3 MILLION** will be invested to expand police facilities in key regional areas. This comprises \$30.4 million over 2022-23 to 2024-25 for a new District Support Facility in Broome, and \$1.9 million in 2022-23 to fit out a new leased facility in Kununurra;
  - the Government has approved an additional **\$21.6 MILLION** over 2021-22 to 2025-26 to deliver infrastructure upgrades that will improve safety, security and crisis management at Banksia Hill Detention Centre. The planned works include construction of a new Crisis Care Unit, roof and fence remediation, improvements to secure recreational spaces, and upgrades to closed circuit television and educational ICT systems;
  - the Government will invest **\$17.5 MILLION** from the Digital Capability Fund across 2021-22 and 2022-23 on ICT infrastructure upgrades to modernise and consolidate critical police ICT systems, databases and applications; and
  - to support the remediation and modernisation of ICT infrastructure and services across the custodial estate, **\$3.7 MILLION** has been allocated from the Digital Capability Fund over 2022-23 and 2023-24 to upgrade communications and related power supply systems at Casuarina and Hakea prisons.
- In addition, the Government has previously committed **\$84 MILLION** for the Fremantle District Police Complex to enhance operational efficiency and effectiveness.

## Further Information on Law and Order Related Infrastructure

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## SIGNIFICANT LAW AND ORDER RELATED INFRASTRUCTURE INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Justice	Custodial – Casuarina Prison Expansion – Stage 2	183	Perth Metropolitan
	Banksia Hill Detention Centre Upgrades and Urgent Works	22	Perth Metropolitan
Western Australia Police Force	Land and Buildings Infrastructure – Fremantle Police Complex – COVID-19 Response	84	Perth Metropolitan
	Fleet and Equipment – Helicopter Replacement	47	Perth Metropolitan
	Land and Buildings Infrastructure – 950 Police Officer Infrastructure Program	34	State-wide

# OTHER SIGNIFICANT INVESTMENT AND ECONOMIC DIVERSIFICATION INITIATIVES

The Government is committed to growing and diversifying the Western Australian economy to drive new sources of innovation and growth, improve resilience of the economy to resources demand, and ensure shared prosperity for all Western Australians.

Key initiatives include the Perth City Deal – a \$1.7 billion City Deal to reenergise Perth, bringing Government and private investment into the Central Business District (CBD), creating almost 10,000 jobs while encouraging more people back into the city, creating flow-on economic benefits for small businesses. Under the deal, key initiatives include:

- Edith Cowan University's new city campus will offer a world-class creative industries, business and technology university campus in Perth's CBD, adjacent to Yagan Square and will attract students and staff to live, study and work in the CBD. The total project value is \$853 million with a contribution of \$199 million from the State Government which includes land valued at \$50 million;
- Curtin University will include the expansion of the Graduate School of Business and Law School, the creation of a healthcare and clinical training facility and the expansion of the university's capacity to deliver short courses and post graduate programs in core sought after areas in business, technology, analytics and Science Technology Engineering Mathematics programs;
- the Swan River Bridge (\$100 million) will be built and manufactured locally in Western Australia by Western Australian works and will become an iconic part of the Perth skyline across the river, providing better transport connections to and from the CBD for cyclists and pedestrians;
- the Western Australian Cricket Association ground will be redeveloped into a 10,000 seat, multi-sport and community facility with a pool, public health and fitness facility, cricket centre, childcare and crèche facilities, museum, café and event and function facilities;
- Aboriginal Cultural Centre – \$54 million for consultation, planning and design works for an Aboriginal Cultural Centre located near the Derbarl Yerrigan (Swan River);
- Perth Concert Hall Redevelopment – a total investment of \$52.4 million over the next four years;
- Homelessness (East Perth Common Ground – \$45.4 million) will provide housing and support services to vulnerable people in need who are experiencing homelessness and rough sleeping in Perth. This investment will support the delivery of emergency and long-term housing services, including wraparound services, to assist people to permanently exit homelessness;
- \$39.5 million to develop transport infrastructure that will unlock the redevelopment of the East Perth Power Station. It includes a pedestrian bridge from the East Perth train station across East Parade, upgrades to Summers Street, and a future ferry jetty; and
- \$35 million to rejuvenate Perth's Cultural Centre precinct to create vibrant, safe and attractive areas to connect Perth's cultural institutions and the surrounds, delivering improved liveability, cultural and tourism outcomes for the city.



In addition to Perth City Deal investments:

- the Government has allocated an additional \$500 million to the Climate Action Fund in the 2022-23 Budget. This allocation increases the contribution to the Fund to \$1.25 billion following the initial \$750 million investment in the 2021-22 Budget. The new funding is expected to support the Government's emissions reduction target and other climate related initiatives;
- \$300 million (of which up to \$255 million is funded through non-recourse Northern Australia Infrastructure Facility (NAIF) loans) to upgrade common-user infrastructure (water supply, port and road) to support the proposed \$4.5 billion Perdamman Urea project, once it achieves all approvals and final investment decision;
- the Government remains committed to the development of a renewable hydrogen industry. This includes \$117.5 million set aside for two hydrogen hubs in the Pilbara and Mid West, subject to matching funding from the Commonwealth, with bipartisan Federal support already received for the hydrogen hub in the Pilbara;
- Riverside (\$135.9 million) – the Riverside Precinct in East Perth consists of eight projects that are helping to transform the eastern gateway into the city and create a vibrant new destination for the people of Perth and visitors to the city;
- \$61.8 million to upgrade the ageing electrical

and water infrastructure on Rottnest Island, which will deliver 75% of the island's power from renewable sources of energy;

- \$60 million Clean Energy Car Fund to accelerate the use of zero emission vehicles including \$3,500 rebates for Western Australians that purchase an electric or hydrogen fuel cell vehicle, \$36.5 million for \$3,500 rebates on purchase of electric and hydrogen vehicles and \$22.6 million committed to increase EV charging infrastructure across the State;
- State Football Centre – \$39.6 million jointly funded by the State (\$23.3 million) and Commonwealth Governments (\$16.3 million), for the development at the Queens Park Open Space;
- HBF Park – \$34.8 million over 2021-22 and 2022-23 on capital replacement and upgrades at HBF Park associated with hosting the 2023 FIFA Women's World Cup;
- the Government has approved \$12.6 million over 2022-23 to 2025-26 for the Prison Conservation project, including \$8.9 million capital expenditure to undertake essential heritage conservation works at the Fremantle Prison;
- an additional investment of \$8.3 million over 2021-22 and 2022-23 for the Perth Zoo Café and Function Centre to address cost escalation and supply chain constraints in the construction market. The total commitment for the Perth Zoo Café

and Function Centre has increased to \$21.8 million; and

- the Government has allocated expenditure for the construction of a vessel transfer path at the Australian Marine Complex (AMC). The path is required to facilitate the implementation of a defence secure zone at the AMC Common User Facility, and will connect land in the northern harbour of the AMC to the Facility to enable vessel launching and extraction. The amount of expenditure is not disclosed due to commercial negotiations.

**Find a WA Government Agency**

 [www.wa.gov.au/agency](https://www.wa.gov.au/agency)



## OTHER SIGNIFICANT INVESTMENT AND ECONOMIC DIVERSIFICATION INITIATIVES

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Biodiversity, Conservation and Attractions	Rottneest Island Authority – Electrical Infrastructure Upgrade	55	Perth Metropolitan
	Election Commitments – Perth Zoo Master Plan 2040	30	Perth Metropolitan
Development WA	Development of Land – Industrial Lands Authority Program – Industry and Infrastructure Acquisition and Development	1,511	State-wide
	Development of Land – Metropolitan Program – Election Commitment – Ocean Reef Marina	209	Perth Metropolitan
	Development of Land – Metropolitan Program – Subi East Precinct	140	Perth Metropolitan
	Development of Land – Metropolitan Program – Alkimos Central	84	Perth Metropolitan
	Development of Land – Metropolitan Program – East Perth Power Station	60	Perth Metropolitan
Finance	Accommodation Fitout Projects – Lease Incentive Funded Office Fit-outs	166	State-wide
	Vehicle Acquisitions – 2022-23 Program	76	State-wide
	Vehicle Acquisitions – 2023-24 Program	76	State-wide
	Vehicle Acquisitions – 2024-25 Program	76	State-wide
	Vehicle Acquisitions – 2025-26 Program	76	State-wide
Fire and Emergency Services	Vehicle Programs – Primary Fire and Emergency Fleet	123	State-wide
	Land and Building Works – Facility Modifications	56	State-wide
	Intangible Asset Development	24	Perth Metropolitan

Project Sponsor	Project Description	Estimated Total Cost (\$ million)	Region
Gold Corporation	Plant and Equipment Replacement Program	124	Perth Metropolitan
Local Government, Sport and Cultural Industries	Screen Production Facility	105	Perth Metropolitan
	Department of Local Government, Sport and Cultural Industries – Perth Concert Hall Redevelopment – COVID-19 Response	52	Perth Metropolitan
	Aboriginal Cultural Centre	45	Perth Metropolitan
	Department of Local Government, Sport and Cultural Industries – State Football (Soccer) Centre	40	Perth Metropolitan
	Department of Local Government, Sport and Cultural Industries – Perth Cultural Centre	35	Perth Metropolitan
Primary Industries and Regional Development	Pilbara Hydrogen Hub (Administered)	68	Pilbara
	North West Aboriginal Housing Initiative	35	Regional WA
Racing and Wagering Western Australia	Wagering Systems and Products	64	Perth Metropolitan
Western Australian Sports Centre Trust	Optus Stadium Computers and Office Equipment	32	Perth Metropolitan

# APPENDICES

Appendix 1 – Private Sector and Non-Government Engineering and Non-Residential Capital Projects over \$100 million

Appendix 2 – Tendering Information



## APPENDIX 1 – SIGNIFICANT PRIVATE SECTOR AND NON-GOVERNMENT ENGINEERING AND NON-RESIDENTIAL CAPITAL PROJECTS

### Significant Projects Underway or Planned in Western Australia<sup>(a)</sup>

Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Woodside – Browse	Oil & Gas	Kimberley	30,000	Possible
Woodside – Scarborough	Oil & Gas	Pilbara	16,500	Committed
Hydrogen Renewables Australia – The Murchison Renewable Hydrogen project	Energy	Central	10,000	Possible
Chevron – Gorgon LNG Project (fourth train), and various fields	Oil & Gas	Pilbara	10,000	Possible
API JV – West Pilbara Iron Ore Project	Iron ore	Pilbara	7,400	Possible
Fortescue Metals Group – Iron Bridge	Iron ore	Pilbara	4,600	Under construction
Perdaman – Burrup Urea	Urea	Pilbara	4,500	Under consideration
Rio Tinto – Gudai-Darri	Iron ore	Pilbara	3,800	Under construction
Crosslands Resources – Jack Hills	Iron ore	Pilbara	3,700	Possible
Australasian Resources Ltd – Balmoral South	Iron ore	Pilbara	2,000	Under consideration
Fortescue Metals Group – Eliwana	Iron ore	Pilbara	1,800	Under construction
Alcoa – Wagerup Alumina Refinery (Stage 3b)	Alumina	South West	1,700	Possible
Rio Tinto – Robe Valley Mesa B, C and H	Iron ore	Pilbara	1,339	Under construction
Oz Minerals – West Musgrave	Copper/Nickel	South Eastern	1,100	Possible
FIJV Pty Ltd – Yogi	Iron ore	Central	1,060	Possible
Albemarle – Albemarle Kemerton Plant	Lithium	South West	1,000	Under construction

Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Rio Tinto – Western Turner Syncline Phase 2	Iron ore	Pilbara	1,000	Under construction
Perth Airport Pty Ltd – Phase 1 and Phase 2 Upgrades	Infrastructure	Perth	1,000	Under construction
WA Offshore Windfarm – Western Australia Offshore Windfarm	Energy	South West	1,000	Possible
Woodside Petroleum – H2Perth	Energy	Perth	1,000	Possible
Edith Cowan University – Mount Lawley Campus Relocation to Perth CBD	Education	Perth	853 <sup>(c)</sup>	Under consideration
GME Resources – NiWest Nickel Laterite Project	Nickel	South Eastern	966	Under consideration
Covalent Lithium JV – Mt Holland	Lithium	South Eastern	849	Under construction
Rio Tinto – Deposits C and D, West Angelas	Iron ore	Pilbara	802	Under construction
Brookfield Property Partners – One The Esplanade	Offices	Perth	800	Under construction
Griffin Coal – Bunbury Port Inner Harbour storage and loading facilities	Infrastructure	South West	800	Possible
Mitsui & Beach Energy – Waitsia Onshore	Oil & Gas	Central	768	Under consideration
BCI Minerals Limited – Buckland	Iron ore	Pilbara	744	Under consideration
Avertas Energy – Kwinana waste-to-energy plant	Energy	Perth	696	Under construction
Perth Airport Pty Ltd – New Runway Project	Infrastructure	Perth	520	Under consideration
Talison Lithium – Greenbushes Lithium Expansion	Lithium	South West	516	Committed
New Energy – East Rockingham waste-to-energy plant	Energy	Perth	511	Under construction
Lynas Corporation – Kalgoorlie Rare Earth Processing Plant	Rare Earth Elements	South Eastern	500	Committed
Buru Energy – Great Northern Pipeline	Infrastructure	Kimberley	500	Under consideration
Energy and Minerals Australia – Mulga Rock	Uranium	South Eastern	493	Under consideration

Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Neometals – Barrambie	Vanadium/ Titanium	Central	484	Under consideration
Liontown Resources – Kathleen Valley	Lithium	South Eastern	473	Possible
Ardea Resources Ltd – Goongarrie	Nickel/Cobalt	South Eastern	472	Possible
APA Group – Northern Goldfields Interconnect Gas Pipeline	Infrastructure	Unallocated	460	Committed
Fortescue Metals Group Ltd – Queens Valley	Iron ore	Pilbara	414	Under consideration
Apex Clean Energy – Flat Rock Wind Farm	Energy	South West	400	Under consideration
Tidal Energy Australia – Derby Tidalpower	Energy	Pilbara	400	Possible
Newmont Mining – Boddington	Gold	South West	400	Possible
Perth Airport Pty Ltd – Two 6-storey car parks at Perth Airport Terminal 1	Infrastructure	Perth	370	Under consideration
Strandline Resources – Coburn Mineral Sands	Mineral Sands	Central	338	Under construction
Mineral Resources – Marillana	Iron ore	Pilbara	300	Under consideration
Caruso Group – Reverse Osmosis Plant at Wellington Dam	Water	South West	300	Possible
Venturex Resources – Pilbara Copper-Zinc Project	Copper/Zinc	Pilbara	279	Under consideration
Zijin Mining – Binduli Heap Leaching Project Phase 2	Gold	South Eastern	276	Possible
Toro Energy Ltd – Wiluna Uranium Project	Uranium	Central	269	Under consideration
Macarthur Minerals – Ularring	Iron ore	South West	263	Under consideration
Pilbara Minerals Ltd – Pilgangoora	Lithium	Pilbara	231	Under consideration
Red 5 – King of the Hills	Gold	South Eastern	226	Under consideration
Tronox Limited – Dongara and Cooljarloo West	Mineral Sands	Midlands	220	Possible
Atlantic Vanadium Pty Ltd – Windimurra Vanadium Project	Vanadium	Midlands	213	Under consideration

Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Western Areas – Odysseus Project	Nickel	South West	200	Committed
St John of God Health Care – Redevelopment of St John of God Subiaco Hospital	Health	Perth	200	Under consideration
Strike Energy – West Erregulla	Oil & Gas	Midlands	200	Under consideration
Cockburn Cement – Milling plant consolidation	Cement	Perth	199	Under construction
Investa Commercial Property Fund and Eureka Funds Management – QV1 skyscraper upgrade, with possible QV2, and QV3 additional skyscrapers	Offices	Perth	150	Under consideration
Newcrest – Havieron	Gold	Pilbara	146	Under construction
Mineral Resources – Parker Range	Iron ore	Midlands	130	Under construction
Rio Tinto – Winu	Copper/Gold	Pilbara	122	Under consideration
Calidus Resources – Warrawoona	Gold	Pilbara	120	Under construction
Brookfield Property Partners – Esplanade Plaza	Offices	Perth	120	Possible
Blackham Resources – Wiluna/Matilda	Gold	Central	114	Under construction
The Kimberley Marine Support Base – The Kimberley Marine Support Base	Water	Kimberley	110	Under consideration
GDI Property Group – Office building, Mounts Bay Road	Offices	Perth	100	Under consideration
Cbus – King’s Campus	Offices	Perth	100	Under consideration
Northern Star – Bronzewing Project	Gold	South East	100	Under consideration
Duxton Hotel Perth – Redevelopment	Accommodation	Perth	100	Possible
St Barbara Ltd – Gwalia	Gold	Midlands	80	Under construction
Primewest – Office Building, Joondalup City Centre	Offices	Perth	80	Under consideration
Rio Tinto – Dampier Port Upgrades	Iron ore	Pilbara	70	Under construction



Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Funday Investments Pty Ltd – Outback Splash Water Park	Culture & Recreation	Perth	70	Under construction
Sandfire Resources – Thanduna-Green Dragon project	Copper	Central	70	Possible
Ramsay Health Care – Emergency Department at Hollywood Hospital	Health	Perth	67	Under construction
Alcoa – Wagerup Alumina Refinery (Stage 4)	Alumina	South West	60	Possible
Harvest Road – Koojan Downs Project	Agriculture	Midlands	50	Under consideration
Zenith Energy – Hybrid solar–diesel power station at IGO’s Nova nickel mine	Energy	South Eastern	N/A	Under construction
Scentre Group – Westfield Whitford City redevelopment (Stage 2)	Retail	Perth	N/A	Under construction
Australian Development Capital – Leadlight Hotel	Accommodation	Perth	N/A	Under consideration
St John of God Health Care – Mandurah Hospital	Health	Perth	N/A	Under consideration
Woodside – Burrup Hub	Oil & Gas	Pilbara	N/A	Under consideration
Sheffield Resources – Thunderbird	Mineral Sands	Kimberley	N/A	Under consideration
Atlas Iron – McPhee Creek	Iron ore	Pilbara	N/A	Under consideration
Poseidon Nickel – Golden Swan	Nickel	South Eastern	N/A	Under consideration
Asian Renewable Energy Hub – The Asian Renewable Energy Hub	Energy	Pilbara	N/A	Possible
Fortescue Future Industries – Uaroo Renewable Energy Hub	Energy	Pilbara	N/A	Possible
Sabre Resources – Sherlock Bay	Nickel	Pilbara	N/A	Possible
Golden West Resources Ltd – Wiluna West (Stage 1)	Iron ore	Central	N/A	Possible
Cameco – Yeelirrie Uranium Project	Uranium	Central	N/A	Possible
Flinders Mines / Todd Corporation – Flinders and Balla Balla Projects	Iron ore	Pilbara	N/A	Possible

Company / Project	Product	Location <sup>(b)</sup>	Budget (\$ million)	Status
Caravel Minerals – Caravel Copper Project	Copper	Midlands	N/A	Possible
Scentre Group and AMP Capital – Garden City Redevelopment	Retail	Perth	N/A	Possible
North West Infrastructure – South West Creek	Infrastructure	Pilbara	N/A	Possible
Fortescue Metals Group – Oakajee Rail and Port Development	Infrastructure	Central	N/A	Possible

(a) Source: Deloitte Access Economics Investment Monitor Database.

(b) Regional boundaries in Appendix 1 are as defined by the Deloitte Access Investment Monitor. These may differ from Western Australian Government regional boundaries.

(c) Estimated Total Cost revised to reflect decisions as part of the 2022-23 State Budget.

## APPENDIX 2 – TENDERING INFORMATION

There are many State Government Agencies that offer potential contracts to industry. Explore the links below to find supply opportunities that may be available to your business.

### **Tenders WA**

Tenders WA is the central source of information on Western Australian public sector requests for tender and awarded contracts. Western Australian Government departments and agencies use this website to advertise their public requests and early tender advice, as well as publish awarded contracts.

### **Industry Link – Upcoming Opportunities to Contract to WA Government**

The Western Australian Government purchases a huge variety of goods, services, works and community services from thousands of businesses each year. Industry Link is a high-level summary of anticipated upcoming procurements to assist industry to identify opportunities to contract with the Western Australian Government. The listed contracting opportunities are provided as a guide only and are subject to change.



