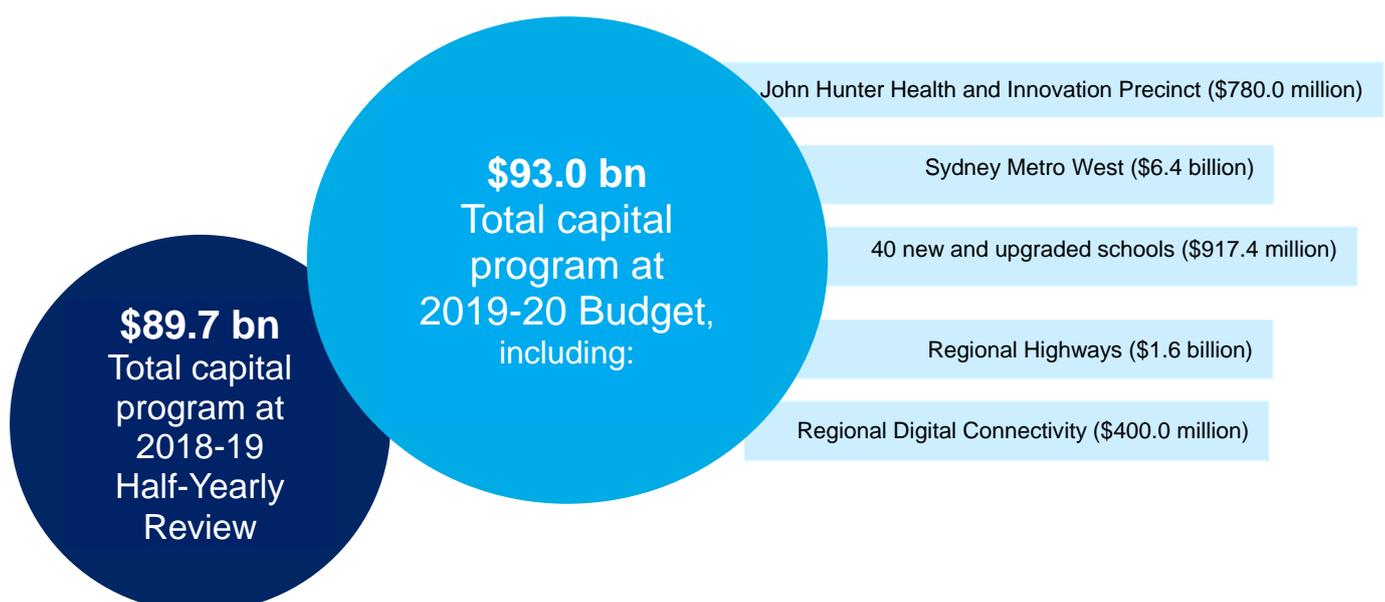


## 2. DELIVERING OUR RECORD INFRASTRUCTURE PLAN

- The Government is delivering record infrastructure investment of \$93.0 billion over the four years to 2022-23, comprised of new and existing projects and incorporating the 2019 election commitments.
- This program includes investment of \$10.1 billion<sup>1</sup> for health infrastructure, \$7.3 billion for schools and skills infrastructure, \$55.6 billion for public transport and roads, and \$3.2 billion to deliver on our commitment to build stronger communities.
- This Budget includes funding for existing projects, Sydney Metro City and Southwest and future projects, such as Sydney Metro West. It also includes election commitments in both regional and metropolitan areas.
- Significant projects delivered in 2018-19 include North West Metro, Newcastle Light Rail, the Broken Hill water pipeline, The Northern Beaches Hospital and the Western Sydney Stadium.
- The Government is investing to meet the rising demand for services in Sydney's west, including supporting the Western Sydney City Deal.
- Regional infrastructure investment remains a focus for this Budget. This investment includes grant programs to enable local communities to build the infrastructure they need. The Snowy Hydro Legacy Fund will enable \$4.2 billion to be spent on regional infrastructure. This is in addition to 30 per cent allocation of Restart NSW funds for regional infrastructure investment.

Figure 2.1: Four-year capital program from 2018-19 Half-Yearly Review to 2019-20 Budget



<sup>1</sup> Health spending on infrastructure includes \$1.0 billion for lease acquisitions and \$536.0 million of capital expensing from the Ministry of Health's expense budget over the next four years.

## 2.1 Key infrastructure projects now delivered

### Box 2.1: Delivering on our infrastructure commitments

In 2015-16 the Government committed to delivering \$68.6 billion of infrastructure over the forward estimates period and is on track to exceed its original commitment by about almost \$10.0 billion following the acceleration of a number of infrastructure projects. The Government's ability to accelerate infrastructure projects has been made possible by its successful Asset Recycling Strategy and strong fiscal discipline. Accelerated projects include Sydney Metro City and Southwest, Parramatta Light Rail, Western Sydney Stadium, and the WestConnex New M5 Tunnel.

The Government's infrastructure program has now delivered significant projects that will enhance the provision of services in New South Wales and drive economic growth.

#### Public transport and roads projects delivered include:

- North West Metro, opened on 26 May 2019, reducing peak commuting times between Sydney's North West and the City by providing a world-class rail system (delivered \$1.0 billion under budget; see Box 2.2)
- Newcastle Light Rail, opened in February 2019, connecting the Newcastle City CBD to the foreshore
- twenty-four 'Waratah 2' train sets delivered to support 1,900 additional services per week to Western Sydney
- the \$45.0 million realignment of the Princes Highway at Dignams Creek was completed two months ahead of schedule in April 2019
- the new Yandhai Nepean Crossing in Penrith opened in October 2018, providing a dedicated and safe pedestrian and cyclist crossing of the Nepean River separate from road traffic.

#### Significant transport and roads projects soon to be delivered include:

- the Westconnex new M4 tunnel between Homebush and Haberfield, including a 5.5 kilometre tunnel bypassing Parramatta Road and 22 sets of traffic lights, set to open in mid-2019
- NorthConnex, a nine kilometre motorway tunnel linking the M1 Pacific Motorway at Wahroonga with Pennant Hills Road, is expected to remove around 5,000 trucks off Pennant Hills Road each day, scheduled to be open in 2020
- a new \$240.0 million bridge over the Clarence River at Grafton scheduled to be completed in December 2019 (with the last bridge span expected to be in place by the end of September 2019)
- Sydney CBD and South East Light Rail, with all sections expected to be fully completed in 2020.

**Box 2.2: Opening of North West Metro**

The North West Metro, opened on 26 May 2019, and was delivered on time and \$1.0 billion under budget.

Within two weeks there had been 1 million customer journeys and more than 3,000 services operated.

The new metro line links Rouse Hill with Chatswood and includes 13 metro stations and 4,000 new commuter parking spaces.

The journey time from Rouse Hill to Chatswood is now about 35 minutes. In the first week of Metro services, patronage on buses travelling from Sydney's north west via the M2 to areas such as Macquarie Park, Chatswood, North Sydney and the CBD had fallen by about 18 per cent in the morning peak, and 22 per cent in the afternoon.

**Health projects delivered include:<sup>2</sup>**

- Gosford Hospital's 11 storey tower, opened in June 2018, including a new Intensive Care Unit and a Special Care Nursery as part of a \$348.0 million development
- The Northern Beaches Hospital, opened in October 2018 providing a substantial improvement in services available to this community (\$600.0 million of State capital contribution to the Northern Beaches Health Service project)
- new health facility developments across Sydney including the St George Hospital redevelopment (estimated total cost (ETC) \$265.5 million, opened October 2017), the Bright Alliance (comprising the Nelune Comprehensive Cancer Centre, Scientia Clinical Research and the Sydney Children's Hospitals Network expansion at Randwick Hospital Campus, ETC \$111.1 million, opened April 2017) and the Sutherland Hospital redevelopment (ETC \$62.4 million, opened December 2017)
- the redevelopment and refurbishment of the Parkes and Forbes hospitals (ETC \$92.5 million, both opened in January 2016) providing the Central West community with modern health facilities
- the Armidale Hospital Redevelopment opened in January 2019, including an emergency department, three operating theatres, a procedure room, an expanded Intensive Care Unit and an improved day surgery unit (ETC \$60.0 million)
- nine NSW Ambulance superstations built as part of the \$184.0 million Sydney Ambulance Metropolitan Infrastructure Strategy at Artarmon, Bankstown, Blacktown, Caringbah, Haberfield, Kogarah, Liverpool, Northmead, and Penrith
- 14 ambulance stations completed as part of the \$122.1 million investment in the Rural Ambulance Infrastructure Reconfiguration program at Wagga Wagga, Coolamon, Ardlethan, Harden, Molong, Griffith, Kiama, Berry, St George Basin, Toukley, Wauchope, Hamlyn Terrace, Bathurst, and Pottsville
- eight Multipurpose Services (MPS) completed as part of the \$304.9 million investment in the MPS Strategy Stage 5 at Walgett, Tocumwal, Molong, Bonalbo, Coolah, Rylstone, Culcairn and Holbrook
- improved access to hospitals for patients, staff and visitors by delivering accessible car parking including at Gosford (ETC \$39.1 million), Hornsby (ETC \$19.8 million) and Blacktown (ETC \$18.1 million).

<sup>2</sup> Where a health facility has been opened, further works (such as refurbishment) may continue. Further information can be found on pages 5-17 to 5-21 of Chapter 5 of this *Infrastructure Statement*.

**Projects delivered for education and skills include:**

Since 2011, the Government has delivered 88 new and upgraded schools that have provided more than 1,200 new classrooms and more than 22,500 additional student places, with thousands of additional classrooms and tens of thousands of additional student places on the way.

**New schools opened for students in time for term one 2019 include:**

- Ballina Coast, Cammeraygal, and Central Sydney Intensive English high schools
- Bella Vista and North Kellyville public schools
- Yawarra Community and Yandelora special schools
- the new integrated K to 12 school, Lindfield Learning Village Stage 1.

**Major school upgrades also completed in time for term one 2019 include:**

- Bardia, Bolwarra, Homebush West, Manly Vale, Marie Bashir, Rainbow Street, and Randwick public schools
- Farrer High School and the Hunter School of Performing Arts.

**Major new and upgraded schools completed in time for term two 2019 are:**

- Russell Lea Public School, a new school in Drummoyne and upgrades at Hurlstone Agricultural High School, Ingleburn High School, Claremont Meadows Public School and Penrith Public School.

In addition, nine TAFE connected learning centres were completed and opened this year across regional New South Wales at Singleton, Murwillumbah, Yamba, Bourke, Grenfell, Corowa, Deniliquin, Narrandera and Bega.

**Projects delivered to support stronger communities include:**

- the Western Sydney Stadium at Parramatta opened in April 2019, on time and on budget
- firefighting aircraft capability, including a large air tanker and two twin engine fixed wing lead and scanning aircraft to improve bush firefighting capability (ETC \$26.3 million), replacement of State Emergency Services (SES) radio equipment and terminals and audio-visual equipment (ETC \$31.4 million) and relocation of the Office of the NSW Rural Fire Service State Headquarters to Sydney Olympic Park (ETC \$18.2 million)
- new and upgraded police stations at Deniliquin, Walgett, Gunnedah, and Vincentia
- the NSW Police Force Hazardous Materials Management Program (ETC \$70.9 million)
- new Sydney Central Children's Court (ETC \$37.8 million - opened January 2018)
- Prison Bed Capacity Program: a new 330 bed maximum-security extension of Shortland Correctional Centre in Cessnock (ETC \$205.4 million), opened in May 2019.

**Box 2.3: Western Sydney Stadium**

Western Sydney Stadium, also known as 'Bankwest Stadium', was opened in April 2019 on time and on budget, and will provide a world-class spectator experience, bringing fans closer to the action than ever before.

The stadium:

- provides undercover seating for 30,000 people and high-quality food and beverage facilities
- offers five levels of premium function spaces, big screens, advanced technology including Wi-Fi and world-class broadcast facilities
- delivers improved security and administration, public plaza areas and landscaping around the stadium
- the project generated approximately 1,200 jobs during construction
- employs up to 900 operational jobs
- caters for a range of sporting, entertainment and community events within the precinct.

**Projects delivered for planning, industry and environment include:**

- the Port of Eden breakwater wharf extension (ETC \$42.0 million) set to open this year for the 2019-20 cruise season
- the delivery of the 4-year Coastal Infrastructure Program (\$41.4 million) to rebuild and repair key maritime assets to improve service life and avoid critical failure
- \$21.8 million for Stage 2 of the online ePlanning system, developed in partnership with local councils, which has cut development assessment timeframes, removed paper-based requirements, and allowed for real-time data analysis to identify blockages in the planning system
- \$4.2 million for Stage 2 of the Companion Animals Register, providing a modern pet registration system for the community that delivers functionality to support animal welfare agencies and council compliance activities
- the Riverstone Wastewater Treatment Plant Stage 1 Amplification (ETC \$120.0 million), Green Square Trunk Stormwater Drainage (ETC \$74.0m) and Malabar Wastewater Treatment Plant (ETC \$116.0 million) (Sydney Water)
- the 270 kilometre Broken Hill Water Pipeline completed in April 2019, ensuring the long-term water supply for Broken Hill (WaterNSW).

## 2.2 Key infrastructure projects in delivery



### Health

This Budget includes \$10.1<sup>3</sup> billion of capital investment over four years to 2022-23 on health infrastructure including hospitals and health facilities. This investment will enable NSW Health to build new hospitals and to upgrade existing facilities across New South Wales to support the delivery of world-class health services.

#### Key 2019 election commitments included in this budget starting in 2019-20 are:

- redevelopment of the John Hunter Health and Innovation Precinct (ETC \$780.0 million)
- Stage 2 redevelopment of the Children's Hospital at Westmead (ETC \$619.0 million)
- expanding the scope of the Griffith Base Hospital Redevelopment (ETC \$250.0 million).

#### Projects starting in the three years after 2019-20<sup>4</sup>:

- new Bankstown-Lidcombe Hospital (ETC \$1.3 billion)
- redevelopment of the Royal Prince Alfred Hospital (ETC \$750.0 million)
- new Comprehensive Children's Cancer Centre and redevelopment of the Sydney Children's Hospital at Randwick (ETC \$608.0 million<sup>5</sup>)
- redevelopment of the Ryde Hospital (ETC \$479.0 million)
- redevelopment of the Shoalhaven Hospital (ETC \$434.0 million)
- redevelopment of the St George Hospital (ETC \$385.0 million)
- new Eurobodalla Hospital (ETC \$150.0 million)
- Stage 2 redevelopment of the Manning Base Hospital (ETC \$100.0 million).

#### This is in addition to new projects commencing in 2019-20 comprising:

- hospital redevelopments across the State to respond to growing health service needs, including the Tumut Hospital redevelopment (ETC \$50.0 million) and expanding the scope of hospital redevelopments underway at Goulburn Hospital, Hornsby Hospital, and Mona Vale Hospital
- building three more hospital carparks at Liverpool (ETC \$50.0 million), Shellharbour (ETC \$23.3 million) and Wagga Wagga (ETC \$30.0 million) to better support access for patients and their families.

<sup>3</sup> Health spending on infrastructure includes \$1.0 billion for lease acquisitions and \$536.0 million of capital expensing from the Ministry of Health's expense budget over the next four years.

<sup>4</sup> Only election commitments with an estimated total cost of \$100.0 million or more have been listed.

<sup>5</sup> Total project estimated costs includes a Commonwealth Government contribution of \$100.0 million and third party contributions of \$80.0 million.

**Box 2.4: The Children’s Hospital at Westmead Stage 2 Redevelopment**

**Program:** This Budget includes funding for Stage 2 of the Redevelopment of the Children’s Hospital at Westmead. This project will increase bed capacity and complement the new expanded paediatric emergency department currently being built as part of the new Westmead Acute Services Building, reflecting the growing population of Western Sydney.

**Service delivery objective:** This project will deliver a new Paediatric Services Building, and refurbish existing facilities, to provide additional service capacity including neonatal intensive care unit, paediatric intensive care unit, acute inpatient beds, mental health inpatient and ambulatory care, operating theatres, interventional suites, and cardiac catheter laboratory.

The project will also fund the expansion of clinical and non-clinical support services, including car parking.

**Implementation:** Planning is continuing with a final business case to be completed in 2020, with the construction works proposed to commence in 2022.

**Funding allocation:** The estimated total cost of the project is \$619.0 million.

**This budget also includes funding of health infrastructure projects already underway:**

- Multipurpose Services Strategy Stage 5 (\$304.9 million) to provide health and aged care services for small and remote communities
- major metropolitan facilities including the Randwick Campus Reconfiguration and Expansion Stage 1 (ETC \$720.0 million), Westmead Hospital Redevelopment (ETC \$832.3 million Stage 1), and Concord Hospital upgrade (ETC \$341.2 million)
- Western Sydney hospitals including Stage 2 of the Campbelltown Hospital Redevelopment (ETC \$632.0 million), Liverpool Health and Academic Precinct (ETC \$740.0 million), Nepean Hospital Stage 1 (ETC \$550.0 million), and the Blacktown and Mt Druitt Hospitals redevelopment (ETC \$655.2 million)
- major regional hospitals including Tweed (ETC \$582.1 million), Maitland (ETC \$470.0 million), Shellharbour (ETC \$378.6 million<sup>6</sup>), and Dubbo (ETC \$241.3 million)
- Statewide Mental Health Infrastructure Program (\$700.0 million) to support new contemporary care models and provide specialist mental health units for mothers and their babies, children and adolescents, families and older people
- hospital car parks at Campbelltown (ETC \$34.1 million), Port Macquarie (ETC \$11.5 million), Shoalhaven (ETC \$10.8 million) and Wyoong (ETC \$10.2 million).

Page 5-17 to 5-21 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Health cluster, including the ETC, estimated expenditure to 30 June 2019 and the 2019-20 allocation.

<sup>6</sup> This includes \$128.0 million in funding from the Commonwealth for the redevelopment of Shellharbour Hospital under its Community Health and Hospitals Program.



## Education

This Budget includes an unprecedented \$7.3 billion of capital investment in education and skills infrastructure over the four years to 2022-23, benefiting primary, secondary and vocational students. This investment includes the planning and delivery of 40 new and upgraded schools committed to in 2019-20, bringing the total number of projects underway to 190. This capital investment will support the State's world-class education system by providing accessible modern facilities, which are a critical foundation for learning.

This budget also includes \$449.0 million to clear the existing school maintenance backlog in all public schools by July 2020. This will bring the total investment to more than \$1.3 billion over five years. In addition to the cluster capital expenditure, this budget includes \$500.0 million over four years as recurrent grant funding to support non-government schools to build, extend, or upgrade their facilities to provide more student places in growing communities.

### **Key 2019 election commitments in this budget include:**

- \$917.4 million over the next four years in additional funding for school infrastructure. This will allow the Government to build 8 new schools and significantly upgrade a further 32 schools
- \$79.6 million over the next four years will be invested in the Western Sydney Construction Hub that will provide a new TAFE NSW presence located close to the Western Sydney Airport
- \$61.7 million over the next four years for Tranche 3 of the Connected Learning Centre Program that will see 8 new facilities rolled out across the state at Byron Bay, Batemans Bay, Cobar, Hay, Jindabyne, Nambucca Heads, Nelson Bay, and West Wyalong
- \$7.4 million over the next four years for minor works to improve amenity in 11 New South Wales public schools.

In addition, new TAFE and skills infrastructure projects funded in 2019-20 include:

- \$11.7 million (2019-20) for the Meadowbank TAFE site (Stage 2.1)
- \$4.5 million (2019-20) for a new specialist centre in Bega (Stage 2).

For further information about the Government's record education program, see Box 2.5 which sets out in detail the New South Wales schools investment program.

**Box 2.5: An unprecedented program**

The Government's \$6.7 billion school infrastructure program is delivering 190 upgraded and new schools.

For more information see <https://www.schoolinfrastructure.nsw.gov.au>

**Election Commitments 2019-20 Budget****New schools**

- A high school in Bungendore
- A primary school in Epping
- A high school in Jerrabomberra
- Planning for a high school in Marsden Park
- Relocation of Budawang School
- A primary school – Mulgoa Rise (Glenmore Park)
- Planning for a new primary school in South Nowra/Worrigeer
- A primary school in Tallawong

**Upgraded schools**

- Bangalow Public School
- Bexhill Public School
- Bletchington Public School
- Brooke Avenue Public School
- Planning for Castle Hill Public School
- Cranebrook High School
- Planning for Cronulla High School
- Eastwood Public School
- Engadine High School
- Epping West Public School
- Glenmore Park High School
- Glenwood High School
- Hastings Secondary College, Port Macquarie Campus
- Planning for Hunter River High School
- Planning for Irrawang High School
- Jamison High School
- Jannali East Public School
- Jindabyne Central School (Stage 2)
- John Palmer Public School
- Planning for Matthew Pearce Public School
- Millthorpe Public School
- Milperra Public School
- Mona Vale Public School
- Mosman High School
- Muswellbrook South Public School
- Nepean Creative and Performing Arts High School
- Planning for North Sydney Demonstration School
- Planning for Orange Grove Public School
- Queanbeyan West Public School
- Stanwell Park Public School
- Teven-Tintenbar Public School
- Yass High School

**Ongoing projects****New schools**

- Alex Avenue new primary school
- Alexandria Park Community School
- Armidale Secondary College
- Arthur Phillip High School and Parramatta Public School
- Catherine Field new primary school
- New primary school in Gledswood Hills
- Hurlstone Agricultural High School
- Inner School
- Jordan Springs new primary school
- Leppington new primary school
- Mainsbridge School
- Marsden Park new primary school
- New Environmental Education Centre in Penrith Lakes
- New primary school in Wagga Wagga electorate
- New school in Liverpool electorate
- Meadowbank Education Precinct
- Oran Park new high school
- Queanbeyan School
- Smalls Road new primary school
- Sydney Olympic Park High School
- Ultimo Public School
- Warnervale new primary school
- Wilton Junction new school

## Box 2.5: An unprecedented program (cont)

### Upgraded schools

- Ajuga School, Campbell House School and Glenfield Park School
- Ashbury Public School
- Ashtonfield Public School
- Auburn North Public School
- Banksia Road Public School
- Bankstown North Public School
- Belmont High School
- Braidwood Central School
- Brookvale Public School
- Byron Bay Public School
- Callaghan College Jesmond Campus
- Canley Vale High School
- Canterbury South Public School
- Carlingford Public School
- Cecil Hills Public School
- Chatswood Education Precinct (Chatswood Public School and High School)
- Coffs Harbour Public School
- Croydon Public School
- Curl Curl North Public School
- Dapto Public School
- Darlington Public School
- Denistone East Public School
- Epping Public School
- Excelsior Public School
- Fairvale High School
- Fort Street Public School
- Greenwich Public School
- Greystanes Public School
- Gwynneville Public School
- Harrington Park Public School
- Hurstville Public School
- James Fallon High School
- Jindabyne Central School
- Karabar High School
- Kent Road Public School
- Killara High School
- Killarney Heights Public School
- Kingscliff High School
- Kingscliff Public School
- Kingswood High School
- Ku-ring-gai High School
- Kyeemagh Infants School
- Lake Cathie Public School
- Lennox Head Public School
- Lidcombe Public School
- Liverpool West Public School
- Marsden Road Public School
- Merrylands Public School
- Monaro High School
- Murrumbidgee Regional High School
- Murwillumbah East Public School
- Murwillumbah High School
- Newcastle East Public School
- North Rocks Public School
- Nulkaba Public School
- Old Bar Public School
- Oran Park Public School
- Parramatta West Public School
- Pendle Hill High School
- Pendle Hill Public School
- Penshurst Public School
- Penshurst West Public School
- Picton High School
- Pottsville Beach Public School
- Prestons Public School
- Quakers Hill East Public School
- Queanbeyan East Public School
- Queanbeyan High School
- Riverbank Public School
- Riverstone High School
- Rosehill Public School
- Rutherford Public School
- Samuel Gilbert Public School
- Schofields Public School
- Speers Point Public School
- St Ives High School
- St Ives North Public School
- Tamworth Public School
- Terrigal Public School
- Tweed Heads South Public School
- Tweed River High School
- Waitara Public School
- Wamberal Public School
- Wangi Wangi Public School
- Wauchope Public School
- Wentworthville Public School
- West Ryde Public School
- Westfields Sports High School
- William Stimson Public School
- Willoughby Girls High School
- Willoughby Public School
- Wollongong Public School
- Yagoona Public School
- Yass High School
- Young High School

### Planning

- Birrong Boys and Girls High School
- Carlingford West Public School and Cumberland High School
- Cecil Hills High School
- Darcy Road Public School
- Edmondson Park new high school
- Edmondson Park new primary school
- Girraween Public School
- Googong new primary school
- Green Square new primary school
- Gregory Hills new primary school
- Liverpool Boys and Girls High School
- Macquarie Park Education Precinct
- Middle Head Environmental Education Centre
- Murrumbateman new primary school
- Narrabeen Education Precinct
- Neutral Bay Public School
- Newcastle Education Precinct
- Punchbowl Public School
- Randwick Girls and Boys High Schools
- Rhodes East new primary school
- Rydalmere Education Precinct
- St Leonards Education Precinct
- Westmead new primary school

Page 5-9 to 5-16 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Education cluster, including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation.



## Transport

The capital program includes a record \$55.6 billion investment over the four years to 2022-23 for public transport and roads. This represents a \$4.4 billion, or 8.6 per cent, increase on the four years to 2021-22 included in the 2018-19 Budget. The total amount is comprised of \$32.2 billion for public transport and \$23.4 billion for roads.

### Key 2019 election commitments in this budget include:

#### Public transport:

- \$6.4 billion over four years to accelerate the construction of the Sydney Metro West. Construction will commence in 2020 to provide the fastest, easiest and most reliable journey between the Sydney CBD and Greater Parramatta
- investing over \$2.0 billion over the next four years, subject to completion of the business case, to commence construction of the New South Wales Government and Commonwealth Government funded North South Metro Rail Link to connect the new Western Sydney Airport, with construction expected to start in 2021 and be completed in 2026 in time for the opening of the airport
- an initial investment of \$295.0 million over four years for the fast rail network, including identifying an improved alignment north of Mittagong, duplication between Berry and Gerringong, development for a new alignment between Sydney and Woy Woy, and planning work to improve the route to the Central West.

#### Roads:

- \$268.0 million over four years as part of a \$2.5 billion commitment to start the duplication of the full 31 kilometres of the Great Western Highway between Katoomba and Lithgow to a four-lane highway to deliver a safer, faster route over the mountains
- \$500.0 million for the Fixing Country Bridges program to repair and replace poor quality timber bridges in rural and regional communities
- \$322.0 million over four years as part of an additional \$960.0 million commitment to upgrade the Princes Highway between Nowra and the Victorian border to improve safety, journey times and freight efficiency
- \$12.0 million in 2019-20 (\$99.0 million over four years, as part of a \$695.0 million commitment) to further ease congestion through smart technology, including intelligent traffic light installations, planning for a smart motorway upgrade on the M1 between Gosford and Sydney, digital parking and clearway signage, virtual in-car and GPS messaging, and new drones.

### Box 2.6: Sydney Metro program

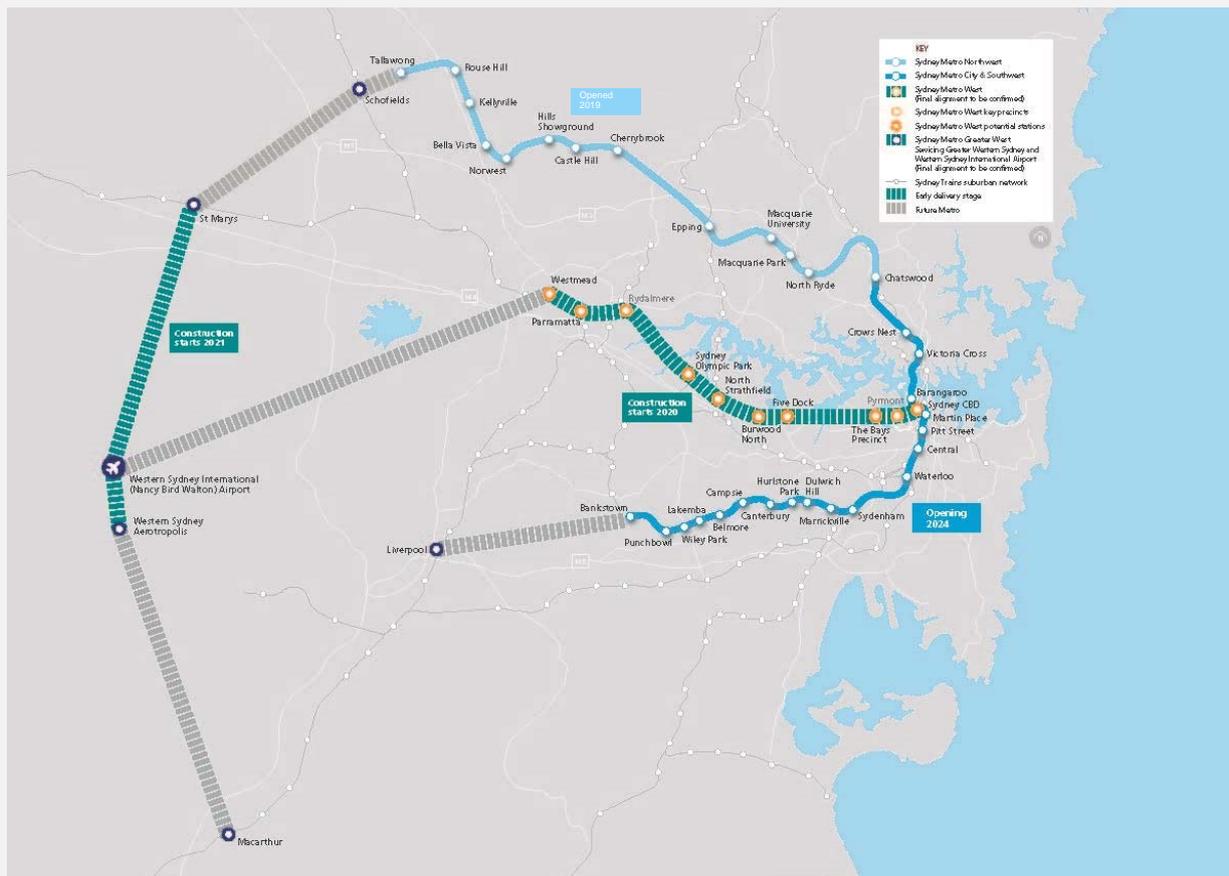
**Program:** The Metro program comprises four projects:

- North West Metro (Rouse Hill to Chatswood) (See Box 2.2)
- Sydney Metro City and Southwest (Chatswood through the CBD to Bankstown)
- Sydney Metro West (Westmead to the Sydney CBD via Olympic Park and the Bays Precinct) (See Box 1.1)
- North South Metro Rail Link, servicing greater western Sydney and the new Western Sydney International (Nancy-Bird Walton) Airport.

Service delivery objective:

- In 2024, Sydney will have a 66 kilometre standalone metro railway with 31 stations between Rouse Hill and Bankstown, revolutionising the way Australia’s biggest city travels. It will both relieve congestion on the existing rail and road networks, including at stations in the CBD, as well as open new work, travel and living opportunities for Sydney residents.

Figure 2.2: The existing Sydney Metro network and the proposed extensions



**Box 2.6: Sydney Metro program (cont)****Implementation:**

North West Metro opened in May 2019.

Work is underway to build Sydney Metro City & Southwest, with five tunnel boring machines working to build 15.5km twin tunnels between Chatswood and Sydenham. Services are scheduled start in 2024.

Services will start on Sydney Metro West in the second half of the 2020's.

The Commonwealth and New South Wales Governments are delivering North South Metro Rail Link and have a shared objective of having the new line operational in 2026 when the Western Sydney Airport opens.

**Benefits:**

Sydney Metro will transform the way Sydney grows and develops, in addition to reducing travel times for commuters. In the next 15 years, New South Wales will require infrastructure to support 40 per cent more train trips. Sydney Metro will help meet this demand. Sydney's new metro, together with signaling and infrastructure upgrades across the existing Sydney suburban rail network, will increase the capacity of train services entering the Sydney CBD by up to 60 per cent from around 120 an hour to around 200 services an hour beyond 2024.

The Metro program will ease congestion at major city stations (Town Hall and Wynyard) by creating new stations and travel paths through the CBD (including stations at Pitt Street and Barangaroo), improving access to growing employment and business corridors, and improving access to employment centres in Southwest Sydney. For further information on this project see <https://www.sydneymetro.infooverview>.

**Significant public transport and roads projects already underway and funded in this budget include:****For Sydney Metropolitan:**

- \$5.3 billion over four years to continue delivery of the Sydney Metro City and Southwest linking Chatswood and Bankstown
- \$4.1 billion over four years for staged delivery of the WestConnex Motorway including the final stage of the project, the M4-M5 link tunnel and Rozelle Interchange
- \$3.3 billion over four years to continue planning or delivery of motorway links in Sydney including the F6 extension Stage 1, the Western Harbour Tunnel, Beaches Link, NorthConnex and Sydney Gateway
- Light Rail networks, including Parramatta Light Rail (with construction of the \$2.4 billion Stage 1, contracted in late 2018) and the CBD and South East Light Rail, which has now progressed to full operational testing of major components
- More Trains More Services, with a further \$2.2 billion committed to continue the delivery of more frequent, and reliable rail services to customers on the Illawarra, Airport, and South Coast lines
- continuing the Western Sydney Growth Roads Program to accommodate population and employment growth in Western Sydney, upgrades to Mamre Road, Mulgoa Road, The Horsley Drive, Campbelltown Road, Memorial Avenue, Appin Road and planning for the Spring Farm Parkway.

**For the regions surrounding Sydney:**

- \$1.8 billion over four years to continue delivery of the New Intercity Fleet to provide long-distance, intercity trains operating between Sydney, the Central Coast, Newcastle, the Blue Mountains, and the Illawarra
- \$168.7 million over four years towards the Newcastle Inner City Bypass from Rankin Park to Jesmond and the Pacific Motorway extension to Raymond Terrace
- \$426.3 million over four years to complete construction of the Albion Park Rail bypass in 2022
- \$311.7 million over four years to complete road projects in the Central Coast area, including the M1 Pacific Motorway widening and the upgrade of the intersection of Empire Bay Drive, The Scenic Road and Cochrone Street at Kincumber.

Further details of Transport regional projects are in the next Section 2.3.

## Box 2.7: Transport Access Program (TAP)

**Program:** The TAP is an initiative to improve access to public transport.

**Service delivery objective:** While around 90 per cent of all public transport journeys are accessible, the TAP aims to further improve accessibility by delivering more convenient, accessible, modern, secure and integrated transport infrastructure. It also improves commuter access with dedicated commuter parking close to public transport hubs throughout New South Wales.

**Key benefits of the program include providing:**

- improved station accessibility for people with a disability, limited mobility and parents with prams
- modern buildings and facilities for all modes of transport, to help meet the needs of a growing population
- modern interchanges to support an integrated network and provide better connections between all modes of transport, for all customers.

**Implementation:** Since 2011 the following stations have been upgraded:

- |                  |                |                         |
|------------------|----------------|-------------------------|
| • Aberdeen       | • Flemington   | • Picton                |
| • Albion Park    | • Gerringong   | • Quakers Hill          |
| • Arncliffe      | • Glenfield    | • Scone                 |
| • Artarmon       | • Ingleburn    | • Sefton                |
| • Bathurst       | • Jannali      | • Shellharbour Junction |
| • Berala         | • Leppington   | • Singleton             |
| • Broadmeadow    | • Lochinvar    | • St James              |
| • Cardiff        | • Marrickville | • Sydenham              |
| • Casula         | • Martin Place | • Tahmoor               |
| • Cheltenham     | • Minto        | • Toongabbie            |
| • Concord West   | • Museum       | • Victoria Street       |
| • Croydon        | • Narwee       | • Wallarobba            |
| • Dungog         | • Newtown      | • Warwick Farm          |
| • East Richmond  | • Oatley       | • Waterfall             |
| • Edmondson Park | • Panania      | • Wentworth Falls       |
| • Harris Park    | • Pendle Hill  | • Wentworthville        |
| • Heathcote      |                | • Windsor               |

This Budget includes funding for further works at these stations:

- |                             |                                 |                             |
|-----------------------------|---------------------------------|-----------------------------|
| • Armidale                  | • Faulconbridge                 | • Punchbowl (Sydney Metro)  |
| • Banksia                   | • Glenbrook                     | • Pymble                    |
| • Beecroft                  | • Goulburn                      | • Queanbeyan                |
| • Bellambi                  | • Griffith                      | • North Strathfield         |
| • Bexley North              | • Hawkesbury River              | • Redfern                   |
| • Birrong                   | • Hazelbrook                    | • Rooty Hill                |
| • Blackheath                | • Hurlstone Park (Sydney Metro) | • Roseville                 |
| • Blayney                   | • Lapstone                      | • St Peters                 |
| • Canley Vale               | • Lisarow                       | • Stanmore                  |
| • Canterbury (Sydney Metro) | • Kingswood                     | • Taree                     |
| • Casino                    | • Millthorpe                    | • Towradgi                  |
| • Clarendon                 | • Mittagong                     | • Thornleigh                |
| • Como                      | • Moree                         | • Tuggerah                  |
| • Dapto                     | • Moss Vale                     | • Unanderra                 |
| • Denistone                 | • Narara                        | • Wahroonga                 |
| • Dubbo                     | • Narrabri                      | • Waitara                   |
| • Dulwich (Sydney Metro)    | • Niagara Park                  | • Waratah                   |
| • East Hills                | • Normanhurst                   | • Warrawee                  |
| • Edgecliff                 | • North Strathfield             | • Wauchope                  |
| • Erskineville              | • Ourimbah                      | • Wiley Park (Sydney Metro) |
| • Fairy Meadow              | • Parkes                        | • Wollstonecraft            |
| • Grafton                   | • Petersham                     | • Wyee                      |
| • Gunnedah                  | • Point Clare                   | • Yagoona                   |

**Funding allocation:** This Budget allocates more than \$300.0 million in 2019-20 to continue the program, a 150 per cent increase on the 2018-19 budget.

### **Box 2.8: Urban Roads and Congestion Program**

**Program:** The Government is proceeding with the planning and delivery of new urban road projects across Sydney, the Central Coast and the Lower Hunter and measures to reduce congestion and improve safety. This includes funding directed towards regional road projects including Nelson Bay Road and the Central Coast Highway. Specific initiatives in Sydney include:

#### **Smart Technology**

The Budget supports the \$695.0 million commitment for technology upgrades to reduce congestion including:

- intelligent traffic lights at priority intersections able to read the flow of the traffic and to clear traffic queues, reducing the number of stops in traffic by up to 15 per cent
- ramp meters, variable speed and message signs and active CCTV monitoring to automatically adjust the speed of vehicles entering the motorway, to smooth traffic flow, and increase capacity
- digital parking and clearway signage to reduce the number of parking and clearway signs removing confusion for drivers
- invest in drone technology and virtual messaging to monitor more of the road network in real time and to report and clear incidents faster.

#### **Pinch points**

The budget provide additional funding to reduce congestion at a further 12 pinch points (\$450.0 million commitment) including at intersections along major arterial roads and regional links within Sydney.

#### **Further investment in Western Sydney roads, including:**

- upgrades to Mamre Road along a 3.8 kilometre section to a four-lane dual carriageway between the M4 Motorway and Erskine Park Road, providing a safer high capacity connection (\$220.0 million commitment)
- Mulgoa Road upgrades, to tackle congestion and delays along Mulgoa Road during peak times (\$260.0 million commitment).

Pages 5-42 to 5-48 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for Transport cluster, including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation.



## Planning, Industry and Environment

This Budget includes more than \$2.4 billion in capital spending for planning, industry and environment initiatives and projects over the four years to 2022-23. This investment will enable New South Wales to promote the sustainable development whilst preserving our natural legacy.

### Key 2019 election and other commitments in this budget include:

- \$400.0 million over four years for the Regional Digital Connectivity program, with \$300.0 million allocated to mobile black spots and \$100.0 million for regional data hubs to improve internet connectivity, speeds and reliability in the State's regions
- \$149.5 million to improve access to New South Wales national parks through the upgrade and extension of walking trails, improving visitor infrastructure and facilities and introducing online and digital tools for virtual tours
- \$68.4 million to upgrade and maintain the fire trail network across New South Wales
- \$47.0 million (part of \$50.0 million program) to upgrade food and fibre research stations across our regions, including Port Stephens, Cowra, Tamworth, Orange, Wagga Wagga and Trangie, ensuring our agricultural industries are best-placed to remain productive and competitive
- \$33.4 million to upgrade venues at the Eastern Creek Motor Sports Precinct improving safety, lighting and attendance facilities as part of the Government's Motor Sports Strategy. These upgrades will help establish a night time racing economy and increase visitation and participation in motor sports at all levels.

### Projects continuing in this budget include:

- \$125.0 million over four years (as part of \$150.0 million commitment) to establish new and improved public parklands and create a network of connected regional parks and gardens across Sydney
- \$71.5 million over six years to continue upgrades of short stay accommodation and national park visitor infrastructure, as well as improvements to the Snowies Iconic Great Walk, Murramarang South Coast Walk, Thredbo Valley Track and Light to Light Great Walk
- \$66.4 million for the relocation of the Department of Planning, Industry and Environment and the Environment Protection Authority to Parramatta as part of the Government's commitment to jobs in Western Sydney
- the Australian Institute of Botanic Sciences at Mount Annan, a purpose-built, state-of-the-art facility protecting the Royal Botanic Garden's collection of more than 1.4 million plant specimens (ETC \$59.5 million)
- three new Doppler radars in western New South Wales. The new radar stations will provide real time rainfall data and wind observations to 34 local government areas in western New South Wales, covering almost 30 per cent of the state by 2022 (with funding allocated from Restart NSW) (ETC \$24.4 million)

- \$22.2 million in 2019-20 (\$103.9 million over 10 years) for parkland upgrades and business hub development at Western Sydney Parklands. These upgrades will improve signage and pathway accessibility and further establish business parks with proximity to the future Aerotropolis
- \$1.5 million of State contribution in 2019-20 (\$13.0 million over four years) to rehabilitate high priority free flowing bores and drains in the Great Artesian Basin to enhance reliability of water supply to reduce the impact of drought (grant program)
- the continuing investigation of the augmentation of the Warragamba Dam Wall, with the preparation of an environmental impact assessment and project business case.

The Cluster also oversees the delivery of water projects across the State including by way of grants to non-government agencies and by supporting PNFC agencies including Sydney Water Corporation, Hunter Water Corporation, Essential Energy and Water NSW. Key initiatives include:

- Restart NSW Fund (Restart NSW) grants for regional water infrastructure with \$314.7 million budgeted over the next 4 years and a total of over 120 projects being supported by Restart NSW
- \$527.1 million for future grants from the Consolidated Fund will be available to continue the Safe and Secure Water program (see Box 3.3)
- WaterNSW projects across the State including Keepit Dam upgrade (ETC \$113.1 million) Warragamba Dam-related upgrades (ETC \$352.7 million) as well as upgrades to an ongoing program of upgrading reservoirs and water infrastructure across the State (\$75.6 million in 2019-20)
- Future expenditure from the Snowy Hydro Legacy Fund will also provide for water security in priority catchments.

Pages 5-22 to 5-28 of Chapter 5 of this Infrastructure Statement lists the major capital projects and minor works for the Planning, Industry and Environment cluster, including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation. Chapter 6 provides full details for the PNFC program for the Water agencies referred to above.



## Stronger Communities

Capital investment for this new cluster, which includes the former Family and Community Services, Justice and Sport portfolios, is \$3.2 billion over the four years to 2022-23.

### Key 2019 election commitments in this budget include:

- \$100.0 million from 2020-21 to 2022-23 to build and upgrade police stations in Bega, Goulburn, Jindabyne area (including Jindabyne, Perisher and Thredbo), Bourke and Bathurst, and a new police education and training facility at Dubbo
- \$9.0 million in 2019-20 (\$18.0 million over two years) to refurbish and upgrade the Queanbeyan Courthouse.

### Continuing investment programs include:

- Prison Bed Capacity Program, to deliver fit for purpose capacity across the custodial system (\$2.4 billion)
- the new Clarence Correctional Centre to deliver 1,700 additional prison beds in 2020 (ETC \$798.8 million)
- Sydney Football Stadium (delivered by Infrastructure NSW) (ETC \$729.0m)
- Critical Communications Enhancement Program, to enhance the communications services required by frontline agency staff to deliver law enforcement, essential emergency and community services (\$562.2 million)<sup>7</sup>
- Future Light Helicopter program, to replace part of the NSW Police Force aircraft fleet, including three new helicopters (for PolAir 1, 3 and 4) (ETC \$47.8 million)
- Technology Asset Refresh Program Phase 4, refreshing and optimising ICT Infrastructure services (ETC \$40.0 million)
- a Large Air Tanker (LAT) aircraft and two twin engine fixed wing lead and scanning aircrafts in preparation for the 2019-20 bush fire season (ETC \$26.3 million).

Pages 5-35 to 5-41 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Stronger Communities cluster, including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation.

<sup>7</sup> This program is being delivered across multiple sectors. The ETC for the program is the cost across all sectors and includes recurrent expenditure for equipment supporting the delivery of the program.



## The Arts and Culture

The Government continues to provide significant spending for new cultural infrastructure including:

- \$645.0 million of government contribution towards the relocation of the Powerhouse Museum to Parramatta and the expansion of the Museum Discovery Centre which is underway, with six teams now shortlisted in the international design competition
- detailed planning for a creative industries precinct in Ultimo (\$5.0 million government contribution as part of the Powerhouse Museum relocation)
- \$245.1 million of government contribution towards the rejuvenation of the Walsh Bay Arts Precinct which is now entering the construction phase to provide a unique cultural and visitor experience
- \$244.0 million government contribution to support construction of the Sydney Modern project, transforming the Art Gallery of New South Wales into one of the world's great art museums
- The Sydney Opera House renewal works, with focus now turning to modernising the Opera House's largest and most popular venue, the Concert Hall. The redevelopment of the Joan Sutherland Theatre has now been completed and the Yallamundi function rooms opened (ETC Stage 1 Renewal, \$202.0 million)
- \$50.5 million of government contribution for the construction of a new exhibition hall at the Australian Museum to expand the museum's capacity to host major international exhibitions. This will enable Sydney to be one of 10 cities worldwide to host the King Tutankhamun exhibition in 2021 before it permanently returns to Egypt
- Projects funded under the \$100.0 million Regional Cultural Fund including exciting and diverse arts and cultural activities which are being delivered across New South Wales.

Pages 5-29 to 5-34 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Premier's cluster (with cultural venues), including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation.



## Customer Service

The new Customer Service cluster is committed to improving key services, delivery and advice to the customers of the New South Wales Government. This includes delivering world-class human and electronic service channels guaranteeing both speed and accuracy of service. Investment in direct customer services includes:

- \$100.0 million over the next two years to establish a Digital Restart Fund to support whole of government digital transformation
- \$70.0 million (\$55.0 million expenses and \$15.0 million on capital) over four years to roll out 10 new Service NSW centres across Metropolitan Sydney in Merrylands, Randwick, Revesby, Northmead, Engadine, Glenmore Park, Prestons/Edmondson Park, Roselands, North Sydney, and Schofields
- \$12.5 million over four years to establish a Nuclear Medicine and Technology Hub at Lucas Heights in partnership with the Australian Nuclear Science and Technology Organisation to develop cutting-edge treatments
- \$4.0 million in 2019-20 to roll out four one-stop shop Service NSW buses servicing communities throughout the State. The total of this project over four years is \$10.5 million.

### **In addition, Customer Service will continue existing programs including:**

- Information and Communication Technology (ICT) projects including the OneGov Digital Services Gateway and the spatial data Infrastructure Program.

Pages 5-5 to 5-8 of Chapter 5 of this *Infrastructure Statement* lists the major capital projects and minor works for the Customer Service cluster, including the ETC, estimated expenditure to 30 June 2019, and 2019-20 allocation.

## 2.3 Delivering for regional NSW

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The State's infrastructure program provides benefits across regional New South Wales and comprises projects that provide:

- state-wide benefits – for example, the Critical Communications Enhancement Program, which will improve the delivery of emergency services delivery across New South Wales
- services to local communities – for example local police station upgrades at Gunnedah
- improved connections between different parts of the State – for example upgrades of the Pacific, Princes, Great Western, Newell, and New England Highways.

### **Box 2.9: Supporting drought affected regions**

More than 90 per cent of New South Wales remains affected by drought. The continuing dry conditions are having severe impacts on farm production and incomes, with flow-on effects felt in regional towns and rural communities.

The Government has committed close to \$800.0 million in drought assistance, which includes additional funding for both infrastructure (local and State owned) as well as direct funding support. These infrastructure components include:

- Injecting an additional \$350.0 million for the Farm Innovation Fund to support low interest loans for farmers funding on-farm capital improvements which build drought resilience and preparedness
- The \$170.0 million Drought Infrastructure Package to fund a suite of critical town water projects as well as shovel-ready infrastructure projects that will stimulate local economies such as regional airport upgrades, activation of industrial lands and CBD revitalisation projects
- For further details: <https://www.dpi.nsw.gov.au/climate-and-emergencies/droughthub/drought-assistance>.

**Box 2.10: Supporting the regions through the Snowy Hydro Legacy Fund**

**Program:** The Snowy Hydro Legacy Fund (the **Fund**) will account for the spending of the proceeds from the sale of the State's share of Snowy Hydro on regional infrastructure.

**Service delivery objective:** The purpose of the Fund is to invest in productive infrastructure to support economic development in the regions. The projects and programs consist of major state-building infrastructure and are for the primary benefit of regional New South Wales.

Five priority areas for investment have been identified:

- **Providing water security in priority catchments:** investing in catchment-scale water **security** infrastructure for regional New South Wales including dams, pipelines and weirs. This is in addition to the \$32.0 million over three years to investigate the raising of the Wyangala Dam as part of a \$650.0 million commitment, with environmental and economic studies to commence this year. This will bring the Government's total investment in water security projects to \$1.4 billion
- **Improving rail and road passenger transport connections:** exploring opportunities to invest in infrastructure that makes travel between regional centres and to metropolitan areas faster and easier, including fast rail
- **Improving freight linkages:** improving regional freight networks to global gateways and investigating the development of potential air freight hubs in regional New South Wales that will allow producers to deliver meat, dairy, fruit, nuts and seafood around Australia and globally as quickly as possible
- **Improving digital connectivity across regional New South Wales:** exploring infrastructure to provide faster and more reliable digital connectivity across regional New South Wales, improving liveability, productivity and innovation in regional New South Wales. Business cases will explore regional data hubs, high-capacity 'backbone' data links to Sydney, and improved connectivity and data access for businesses. \$400.0 million has been committed towards the Regional Digital Connectivity Program in this budget to improve internet and mobile phone coverage in Regional New South Wales
- **Activating regional locations for increased business investment:** providing attractive locations and conditions for targeted industries to invest in regional New South Wales. Work is already underway to build an inland port in Parkes as a Special Activation Precinct that will leverage investment in inland rail. The second activation precinct has been announced for Wagga Wagga.

**Implementation:** Projects will be subject to an assessment framework to maximise the economic growth and productivity of the regions.

**Funding allocation:** An allocation of \$113.0 million has been made in the 2019-20 year to plan and progress State significant infrastructure projects under the Fund including digital connectivity, international airfreight hubs and the special activation precincts program. Funding has also been made available to progress water security projects including the raising of Wyangala Dam wall. \$40.0 million was provided in 2018-19 year for scoping studies.

Significant regional projects have already been included above in Section 2.2. Additional projects include:

## **Transport**

### **Significant regional Transport projects which are currently underway include:**

- Regional rail fleet, a \$2.8 billion commitment towards the design, build and maintenance of new regional rail fleet, along with the new purpose-built maintenance facility in Dubbo, to create better, safer, more comfortable and reliable services for customers travelling long distances
- \$1.5 billion over four years to continue the New South Wales Government and Commonwealth Government funded Pacific Highway upgrade program, with construction continuing between Woolgoolga and Ballina in 2019-20, along with planning and preconstruction activities for the bypass of Coffs Harbour
- \$1.2 billion over four years to substantially upgrade the Princes Highway, including the Albion Park Rail Bypass, the Berry to Bomaderry Upgrade, the new Nowra Bridge and the Batemans Bay Replacement Bridge
- \$822.3 million over four years to enhance road freight productivity and provide safe and reliable travel in regional New South Wales including Bridges for the Bush projects at Tabulam, Echuca-Moama and Gunnedah and new overtaking lanes on the Newell Highway. Improvement programs are also continuing on the Golden Highway, Oxley Highway and the Silver City and Cobb Highway
- \$373.0 million over four years to improve road safety, including continuing investment under the Road Safety Plan 2021 targeting regional areas where most fatalities occur
- \$500.0 million total commitment to the Fixing Country Bridges program to repair and replace poor quality timber bridges in rural and regional communities
- \$500.0 million total commitment to the Fixing Local Roads program to support councils with repairing, maintaining and sealing important local roads
- \$268.0 million over four years as part of a \$2.5 billion commitment to start the duplication of the full 31 kilometres of the Great Western Highway between Katoomba and Lithgow for a four-lane highway to deliver a safer, faster route over the mountains.

A range of regional road, rail and bridge projects have been allocated a total of \$677.5 million from Restart NSW since the 2018-2019 Budget. Additional funds now specifically allocated to these programs include:

- Regional Road Freight Corridor (\$353.9 million)
- Fixing Country Roads (\$138.3 million)
- Fixing Country Rail (\$73.4 million)
- Regional Growth Roads (\$8.7 million).

### Box 2.11: Pacific Highway duplication nearing completion

The New South Wales Government, in partnership with the Commonwealth Government, is working to complete the duplication of the Pacific Highway by late 2020.

Approximately 81 per cent (530 kilometres) of the final 657 kilometre length of the Pacific Highway (between Hexham and the Queensland border) is now a four-lane divided road. This includes the entire section between Port Macquarie and Coffs Harbour, with the final section near Macksville opened in mid 2018.

The remaining sections in major construction between Glenugie and Ballina, form part of the Woolgoolga to Ballina upgrade, and are on track to progressively open to traffic before or during 2020. Refer to: <https://www.pacifichighway.nsw.gov.au/>

When completed, more than \$15.0 billion will have been invested in the upgrade program by the Commonwealth and New South Wales governments.

#### Benefits and outcomes

The project will produce major benefits, including improvements to road user safety, better road conditions, boost transport efficiency and improved access to amenities for local communities.

Fatal crashes have already halved, down from around 50 each year to less than 25 and most recently to eight in 2018. In 2018, nine people died in eight fatal crashes, this is down from the previous five-year average of 21 fatalities in 17 crashes.

When complete, the Pacific Highway duplication will cut travel time between Hexham and the Queensland border by between two and a quarter and two and half hours.

There will also be improved travel reliability through better flood immunity, fewer incidents and more readily available alternative routes.

Figure 2.3: Upgrading the Pacific Highway – Status of dual carriageway – July 2018



## Health

This Budget features a continuing and substantial regional capital program to provide health infrastructure investments to support the growing health service need across regional New South Wales.

This includes projects highlighted in Section 2.2: Tweed Hospital (ETC \$582.1 million), Maitland Hospital (ETC \$470.0 million), Dubbo Hospital Redevelopment (ETC \$241.3 million), Shellharbour Hospital Redevelopment Stage 1 (ETC \$378.6 million), John Hunter Health and Innovation Precinct (ETC \$780.0 million), Griffith Hospital (ETC \$250.0 million), Tumut Hospital Redevelopment (ETC \$50.0 million) and Goulburn Hospital (ETC \$150.0 million).

There are also specifically tailored programs such as the Multipurpose Service facilities (\$304.9 million) designed to provide health and aged care services for small and remote communities with current projects at Barham, Braidwood, Cobar, Harden, Tumbarumba and Yass.

### Box 2.12: John Hunter Health and Innovation Precinct

**Program:** This Budget includes funding to develop the John Hunter Health and Innovation Precinct. The project will deliver updated and enhanced health facilities providing extra capacity to meet the demand of the community, both locally in the Newcastle area and to enhance access for specialist services to the Hunter, New England and Northern NSW areas.

**Service delivery objective:** The project will provide a new acute services building housing expanded and enhanced facilities for a range of health services including medical, surgical, intensive care, emergency, clinical and non-clinical support. It will also enable more integrated services with key health, education and research partners.

**Implementation:** Subject to a final business case, construction is expected to commence in 2021.

**Funding allocation:** The estimated total cost of the project is \$780.0 million.

## Education and skills

Up to 50 new and upgraded schools are currently being delivered across regional and rural New South Wales, while 2019 election commitments also cover four new schools and more than 10 upgrades. These includes:

- South East NSW and Tablelands: one new school and seven upgrades in the South East NSW and Tablelands. The 2019 Government election commitments include high schools at Bungendore and Jerrabomberra as well as upgrades of Queanbeyan West Public School and Yass High School
- North Coast: 12 major upgrades including schools in Murwillumbah, Kingscliff, Tweed Heads, Lennox Head, Pottsville Beach, Lake Cathie, Coffs Harbour, Wauchope and Byron Bay. The 2019 election commitments also include upgrades to Bexhill Public School, Bangalow Public School, Hastings Secondary College and Teven-Tintenbar Public School
- Hunter: nine major upgrades including in Ashtonfield Public School, Newcastle East, Nulkaba Public School, Old Bar Public School, Rutherford, Speers Point, Wangi Wangi Public School, Belmont High School and Callaghan College Jesmond. The 2019 Government election commitments include Hunter River High School, Irrawang High School and Muswellbrook South Public School.

## Stronger Communities

Infrastructure located in regional communities provides essential services to local communities, as well as providing opportunities for local growth and employment. Funding in this budget includes:

- \$9.0 million in 2019-20 (\$18.0 million over two years) to refurbish and upgrade the Queanbeyan Courthouse
- \$100.0 million from 2020-21 to 2022-23 to build and upgrade police stations in Bega, Goulburn, Jindabyne area, Bourke and Bathurst as well as to build a new Police education and training centre at Dubbo
- \$798.8 million (ETC) for a new Clarence Correctional Centre in Grafton to deliver 1,700 additional prison beds in 2020
- \$15.9 million to continue the NSW Police Force Regional Small Police Station Program to redevelop police stations in regional locations across New South Wales including Adelong, Tea Gardens, Tullamore, and Bonalbo.

## Planning, Industry and Environment

The Planning, Industry and Environment cluster is responsible for regional development, including the delivery of projects under the Regional Growth Fund (see Box 2.13) and those allocated funding under the \$4.2 billion Snowy Hydro Legacy Fund (see Box 2.10).

This Budget includes:

- \$32.0 million over three years to investigate the augmentation of the Wyangala Dam
- \$24.4 million to deliver three new Doppler radars in western New South Wales to provide real time rainfall data and wind observations to 34 local government areas, covering almost 30 per cent of the state by 2022
- \$19.4 million to consolidate regional offices in Orange
- \$12.5 million from the \$4.2 billion Snowy Hydro Legacy Fund to fast track regional water strategies, investigate a pipeline from Lostock Dam to Glennies Creek, and develop plans for other projects to improve water security for regional communities.

Regional Restart NSW grant programs are further detailed in section 3.6 of Chapter 3 of this *Infrastructure Statement*.

### Box 2.13: Regional Growth Fund

An additional \$100.0 million is committed in the 2019-20 budget, taking the total commitment to \$1.7 billion. Through the \$1.7 billion Regional Growth Fund, the New South Wales Government is investing in essential infrastructure to strengthen communities, improve local facilities and grow local economies in regional New South Wales. An unprecedented level of investment is taking place throughout every regional Local Government across New South Wales and delivering significant benefits to the regions. The \$100.0 million is part of round three of the Stronger Country Communities Fund, with a focus on youth-related projects.

Over \$1.0 billion has already been committed to more than 1,350 projects over the past two years. In 2019-20, the focus on regional New South Wales will continue with more infrastructure projects already in the pipeline.

For more details see: [https:// www.nsw.gov.au/improving-nsw/regional-nsw/regional-growth-fund/](https://www.nsw.gov.au/improving-nsw/regional-nsw/regional-growth-fund/)

Table 2.1: Regional Growth Fund initiatives

	Number of projects
Growing Local Economies (\$500.0 million) <sup>(a)</sup>	31
Regional Growth - Environment Tourism Fund (\$300.0 million)	49
Regional Communities Development Fund (\$100.0 million)	16
Resources for Regions (Round 5 and 6 - \$78.2 million)	20
Connecting Country Communities (\$50.0 million)	111
Stronger Country Communities Fund (\$400.0 million)	1,001
Regional Sports Fund (\$100.0 million)	21
Regional Cultural Fund (\$100.0 million)	136
Doppler Radar Network	1
<b>Total</b>	<b>1,386</b>

(a) This includes \$170.0 million for the Drought Infrastructure Package and \$40.0 million from Restart NSW as part of \$50.0 million for the World-Class Food and Fibre program.

Figure 2.4: Distribution of Regional Growth Fund initiatives

