



Water Infrastructure NSW Project Pipeline

Southern Basin





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Cover image: Lock 9 on the Murray River near Wentworth.

About Water Infrastructure NSW

Water Infrastructure NSW is responsible for leading the development and delivery of key government water infrastructure projects and programs across the state.

We are committed to delivering world-class water infrastructure projects that will contribute to the safety, security and sustainability of our valued water resources for our communities and the environment.

For more information about Water Infrastructure NSW visit

water.dpie.nsw.gov.au/water-infrastructure-nsw

Water Infrastructure NSW vision and values

Water Infrastructure NSW vision is to improve the sustainability of our valued water resources to enhance the lives of our communities. We aim to be a trusted partner that delivers water infrastructure solutions to enhance cultural, ecological and socio-economic outcomes for our communities.

We recognise and acknowledge the unique relationship and deep Connection to Country that Aboriginal people have, as the Traditional Owners and first peoples of Australia.

The wisdom and experience of local Aboriginal communities plays a critical role in informing our approach to water infrastructure projects and we have a dedicated engagement team who guide our ongoing engagement with Aboriginal communities across NSW.

We are committed to investing in our communities and are focused on engaging and procuring local businesses, creating employment opportunities and boosting the economies of the towns where our projects are being delivered.



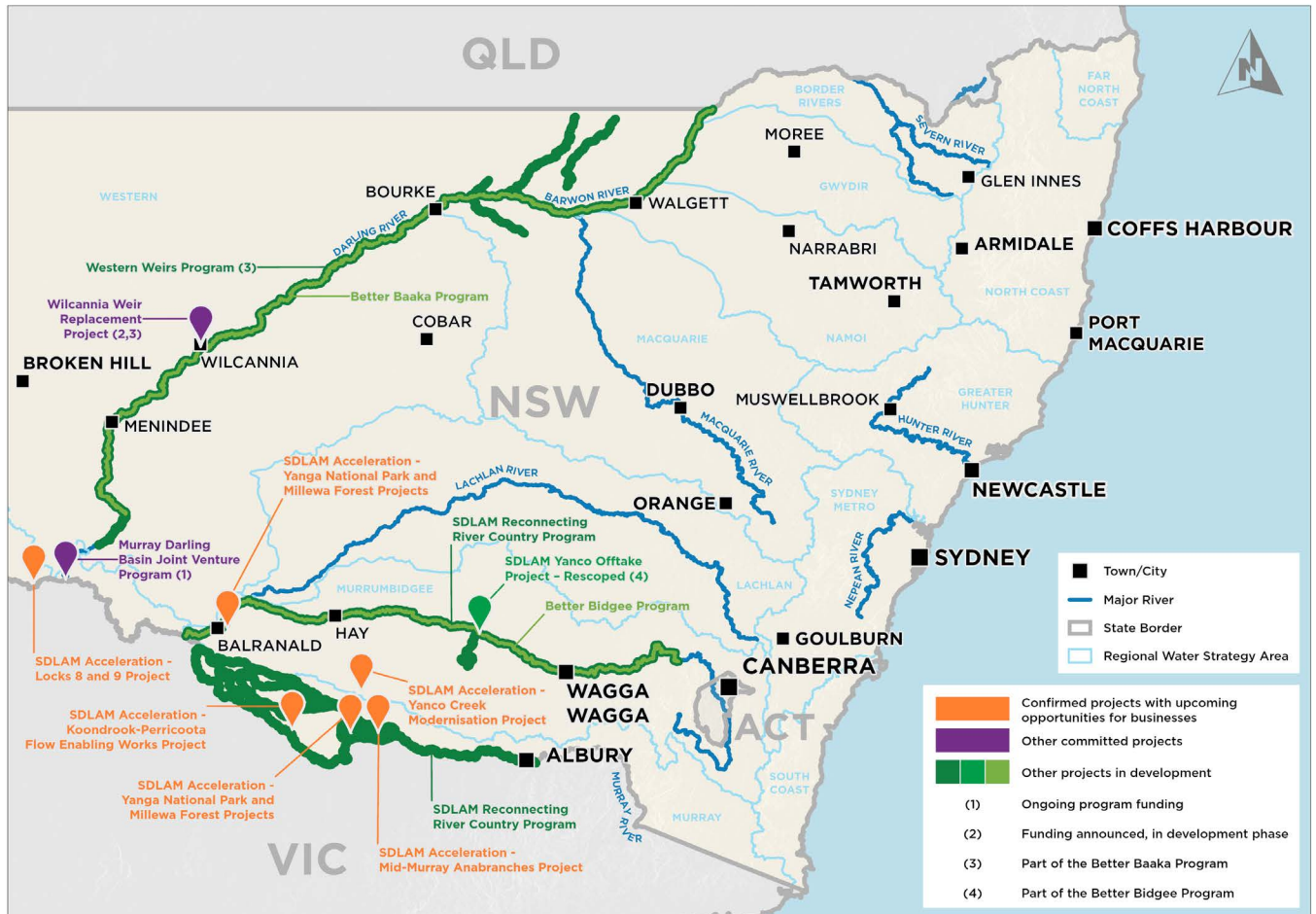
Photography: Yanco Weir and Offtake on the Murrumbidgee River.

Water infrastructure projects in NSW southern region

During the next few years, Water Infrastructure NSW will develop and deliver a broad range of projects in the state's southern region and across the state. Each of these projects are at different stages of planning and development and will offer multiple opportunities for local businesses over the coming years.

The below map shows a range of projects across the state that are being investigated, developed or delivered, in particular those in the southern region..

Figure 1: Map of project locations in NSW southern region



Confirmed projects in NSW southern region with upcoming opportunities for businesses

SDLAM Acceleration Program (fully funded for construction, in development phase)

The Australian and NSW Governments announced \$330 million of funding committed to deliver the Sustainable Diversion Limit Adjustment Mechanism (SDLAM) Acceleration Program, involving five key projects that will be delivered by 2024.

This Acceleration Program will deliver up to 45 GL of the amount needed to reach the 605 GL target required under the Murray-Darling Basin Plan each year, delivering strong ecological outcomes for the Murray-Darling Basin.

These projects will play a key role in creating jobs in regional areas, generating an estimated 450 direct and 850 indirect regional jobs and a much-needed boost to regional economies.

SDLAM Acceleration - Yanco Creek Modernisation Project

The Yanco Creek Modernisation Project is a series of initiatives aiming to improve the flexibility and management of over 800km of interconnected waterways at several locations on the Yanco, Billabong, Colombo and Forest creeks.

Location

The Yanco Creek System links two of Australia's largest rivers – the Murrumbidgee and the Murray. The projects are close to the towns of Morundah, Jerilderie, Conargo and Wanganella.

Project scope*

- Four re-regulating weirs
- More than seven additional hydrographic stations
- Over 20 gates and flow structures
- More than 10 new fishways
- In excess of 10 access improvements / upgrades
- Multiple ancillary culverts, pump structures, coffer dams and temporary works, infrastructure modifications and decommissioning of weirs.

For more information on the project visit

industry.nsw.gov.au/water/plans-programs/sdlam/yanco-creek-modernisation-project



Photography: Murrumbidgee River near Wagga Wagga

SDLAM Acceleration - Yanga National Park and Millewa Forest Projects

The Yanga National Park and Millewa Forest projects will provide improved environmental watering regimes to enhance environmental and cultural outcomes.

Location

Yanga National Park is located near the town of Balranald. It covers an area of 66,734 hectares which includes 1,932 hectares of Yanga Nature Reserve and has a frontage of 170 km on the Murrumbidgee River.

The Millewa Forest precinct forms the NSW portion of the Barmah-Millewa Forest and is located within Murray Valley National Park. It is the largest river red gum forest in Australia and is located between the townships of Tocumwal, Mathoura and Deniliquin on the Murray River floodplain.

Project scope*

Yanga Project

- More than five new or refurbished regulators and new fishways
- More than 20km of access tracks
- A range of sills and culverts
- Around 3km of pipeline.

Millewa Project

- More than 10 new regulators and a new fishway
- More than 15 sills and culverts
- Around 10km of earthworks.

For more information on these projects visit

- industry.nsw.gov.au/water/plans-programs/sdlam/millewa-forest-project
- industry.nsw.gov.au/water/plans-programs/sdlam/yanga-national-park-project

* Detailed scope subject to change as projects are further developed

Koondrook-Perricoota Flow Enabling Works Project

The Koondrook-Perricoota Flow Enabling Works Project involves installing regulators, channels and levees to divert and control flows from the Murray River through the forest, while also protecting private landowners from the impacts of these increased flows.

Location

Koondrook-Perricoota is an internationally significant site consisting of an extensive forest of river red gums and woodland. It covers 33,750 hectares along the Murray River and is located south-west of Deniliquin between the towns of Echuca (in the east) and Barham (in the west). Work will be undertaken at several locations throughout the forest area.

Project scope*

- Constructing more than 6km of levees
- Removing and replacing several bridges
- Removing and replacing a number of block banks and structures
- Replacing regulators and culverts.

For more information on the project visit industry.nsw.gov.au/water/plans-programs/sdlam/koondrook-perricoota-forest-project

Mid-Murray Anabranches Project

The Mid-Murray Anabranches Project will help restore the health of the creek systems and allow native fish populations to recover. This will be achieved by improving the flow regimes and removing barriers to fish movement, while also ensuring private land is protected from the impact of increased flows.

Location

The Mid-Murray Anabranches are in southern NSW near the towns of Deniliquin and Tocumwal. They form the northern boundary of the Murray River floodplain and the eastern boundary of the Edward River floodplain.

Project scope*

- More than 30 farm bridges
- Approximately five light vehicle crossings
- Up to 10 rock causeways and crossings
- Over 100 fence crossings
- Approximately 25km of levee works
- More than 120km of access tracks.

For more information on the project visit

industry.nsw.gov.au/water/plans-programs/sdlam/mid-murray-anabranches-project

Photography: Yanco Creek system

Locks 8 and 9 Project

The Locks 8 and 9 Project involves replacing existing fixed crest weirs with new structures encompassing regulators with overshot gates and vertical slot fishways. In addition, two block banks will be established requiring the installation of gated, reinforced concrete box culverts (RCBCs).

Location

The project area is in the lowland reaches of the River Murray and Darling Rivers in south west NSW. It incorporates environmental assets associated with Lake Victoria and Frenchmans Creek, the Carrs, Capitts and Bunberoo (CCB) Creek systems in NSW, and the Mulcra and Wallpolla Island areas on the Victorian floodplain.

Project scope*

- A number of fishways and regulators of different sizes and structure
- Various new access tracks.

For more information on the project visit industry.nsw.gov.au/water/plans-programs/sdlam/locks-8-and-9-project

* Detailed scope subject to change as projects are further developed

Other committed projects

Murray Darling Basin Joint Venture Program (ongoing program funding)

The Murray Darling Basin Joint Venture Program undertakes program and project management activities to support NSW responsibilities under the Murray-Darling Basin Agreement and the NSW Water Management Act 2000.

Under the Joint Venture Program, there is an annual program of works valued at approximately \$10 million, and the Program is responsible for managing approximately \$66 million in assets and infrastructure.

Wilcannia Weir Replacement (funding announced, in development phase)**

The NSW and Australian Governments have announced \$30 million for a new, state-of-the-art-weir at Wilcannia. The new weir will be located 5km downstream of the existing weir and will raise the water level to 1 metre above existing Full Supply Level, nearly doubling the accessible storage capacity, providing water security during drought periods. The new weir will also include a fish passage that will allow native fish to migrate and create environmental benefits.

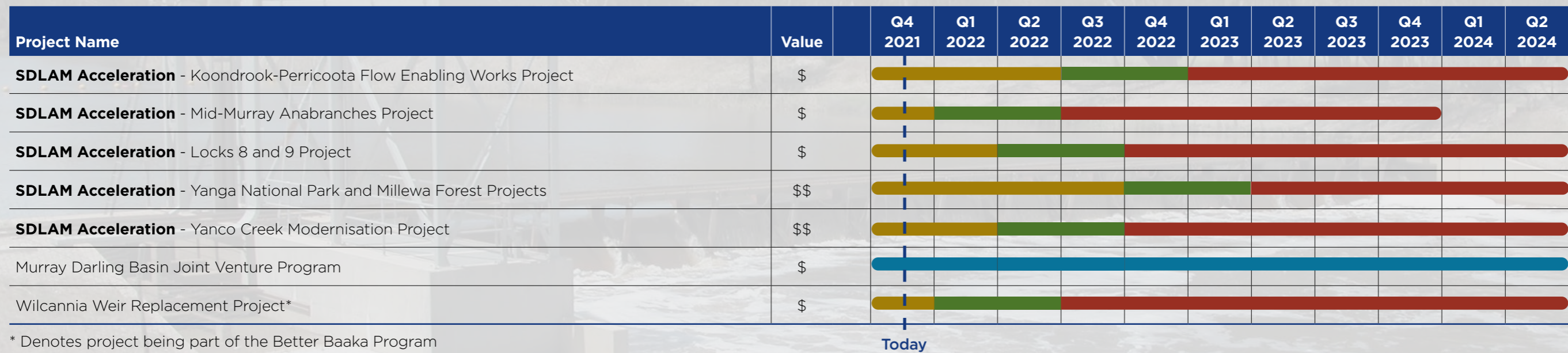
** Denotes project being part of the Better Baaka Program



Photography: Wanganella Weir at Billabong Creek

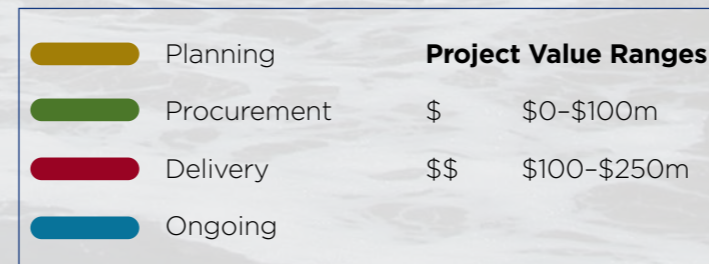
Southern region project status

Figure 2: Program of upcoming opportunities for business



Caveats

- The data contained in this document is that of the proposing organisation. Any party planning to use this information should contact that organisation to ensure they have the most up to date information.
- Project timelines are indicative and are subject to change.



Photography: Balranald Weir near Balranald on the banks of the Murrumbidgee River.



Photography: Mundarlo Bridge on the Murrumbidgee River near Wantabadgery

Other projects in development

There are a range of other projects where scope, funding and/or timing are yet to be confirmed.

SDLAM Reconnecting River Country Program (in Strategic Business Case phase)

The Reconnecting River Country Program aims to improve environmental, social and cultural outcomes for communities along the Murray and Murrumbidgee River systems. The program focuses on delivering local community benefits as part of the NSW Government's continued commitment to delivering sensible, community driven Murray-Darling Basin Plan outcomes. It reimagines the previous Constraints Measures Program and will be developed based on extensive feedback from the local community.

Better Baaka Program (in early options investigation and engagement phase)

The Better Baaka program is investigating a range of initiatives, including new and improved infrastructure, to deliver outcomes for the Darling-Baaka river system. A range of initiatives are currently being explored including changes and modifications to weirs, improvements to fish passageway and new recreational facilities to deliver better outcomes to communities along the river system. The Better Baaka program will incorporate elements of existing projects and programs such as the **Wilcannia Weir Project** (see section 4 – project 7) and the **Western Weirs Program** (see below).

Western Weirs Program

Water Infrastructure NSW is investigating 28 weirs along the Barwon-Darling and Lower Darling Rivers and adjoining tributaries as part of the Western Weirs program. WaterNSW owns 23 of the weirs and other weirs are owned by either councils or private landowners. We are considering a range of opportunities to improve water security for far western communities, options for non-town weirs and improvements to fish passage.

Better Bidgee Program (in early options investigation and engagement phase)

Like the Better Baaka program, the Better Bidgee program is investigating a range of initiatives, including new and improved infrastructure along the Murrumbidgee river system. A key focus for the Better Bidgee program is improving native fish access to more than 1,000 km of the Murrumbidgee system by installing fishways at key blockages, addressing cold water pollution discharges from large dams, and installing screens on pumps and diversions to save tens of millions of fish annually. The Better Bidgee program now incorporates elements of projects and programs such as the rescoped **Yanco Offtake Project** (see below) and projects included in the NSW Government's Fish for the Future strategy.

SDLAM Yanco Offtake Project (Rescoped)

This rescope will see a substantially revised Yanco Creek Offtake Sustainable Diversion Limits Adjustment Mechanism (SDLAM) project, moving away from the original plan that proposed to raise the existing water level upstream of Yanco Weir by up to 2.5m (under normal operating conditions), to focus on a range of smaller scale options.

Types of business support needed

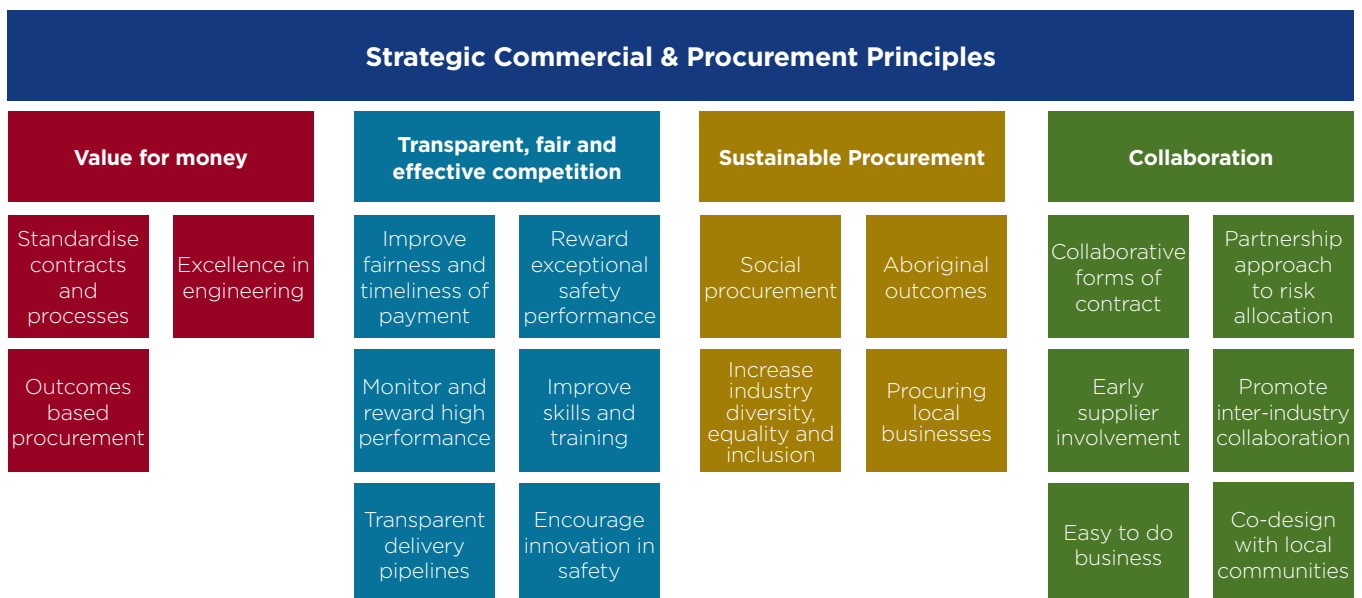
Water Infrastructure NSW is seeking a broad range of services to develop and deliver its projects. These include design, construction and engineering, communications and stakeholder engagement, environmental assessment, and planning expertise.

We are also keen to hear from businesses able to provide complementary services such as catering, accommodation, transport, graphic design and printing, waste management and cleaning, all of which will be essential to the delivery of our projects.

Water Infrastructure NSW is seeking to engage local contractors, businesses and people to develop and deliver its projects. This aligns with our commitment to invest in the communities where our projects are located and provide significant opportunities and economic benefits to regional businesses, First Nations businesses and local small business operators, as well as tangible outcomes for local townships and the wider community.

Water Infrastructure NSW will engage with suppliers and businesses guided by our strategic commercial and procurement principles, outlined in Figure 3.

Figure 3: Water Infrastructure NSW’s strategic commercial and procurement principles



Water Infrastructure NSW business register

All businesses, no matter how big or small, are invited to register their interest in these projects via the Water Infrastructure NSW online business register.

Registered business will receive business-related updates and information on upcoming opportunities in the southern region and across the state.

To register your business visit

water.dpie.nsw.gov.au/water/water-infrastructure-nsw/industry-engagement

Staying in touch

For more information on Water Infrastructure NSW and upcoming business opportunities:

- visit water.dpie.nsw.gov.au/water-infrastructure-nsw
- call **1300 081 047**
- email winsw.engagement@dpie.nsw.gov.au

To receive business updates, subscribe to the NSW Water Infrastructure business register at water.dpie.nsw.gov.au/water/water-infrastructure-nsw/industry-engagement

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Australian Government
**Department of Agriculture,
Water and the Environment**