



Australian Government



Status of the 22 National Water Infrastructure Development Fund (NWIDF) capital projects (as at 11 November 2020)

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State	Project name	NWIDF funding*	Description	Project status
Completed projects				
VIC	Sunraysia Modernisation Project 2	\$3,025,000	The Sunraysia Modernisation Project 2 augmented existing infrastructure to enable the growth of irrigated agriculture west of the Merbein and south of the Red Cliffs irrigation districts. This project has provided a reliable water supply to enable further expansion of irrigation in the region, supplying water for over 2,000 hectares of new agricultural developments.	Completed October 2019.
VIC	South West Loddon Rural Water Supply Project	\$20,000,000	The South West Loddon Rural Water Supply Project extended the Wimmera Mallee stock and domestic pipeline in the south-west Loddon region in Victoria's north. The project has provided a secure, predictable rural water supply to support agriculture in the south-west Loddon region. Over 120,000 hectares of land is now connected to the pipeline and some 380 newly connected properties will no longer have to cart water in dry years.	Completed May 2020.
SA	Coolanie Water Scheme	\$715,000	The project has delivered 40km of supply and distribution pipelines to around 30 farm properties with the capacity to expand to other properties subject to demand. The project has increased water security in the Coolanie Plains on the Eyre Peninsula. It will ensure peak usage demands can be reliably met. This will allow primary producers to increase lamb production by around 50 per cent.	Completed May 2020.
SA	McLaren Vale Treated Water Storage	\$2,500,000	This project delivered a new 600ML water storage dam and connected the existing Quarry Road pump station to supply treated water in the McLaren Vale region. The new facility supplies recycled waste water to support increased grape production in McLaren Vale and improving the industry's sustainability. It will enable future vineyard expansion by around 500 hectares and an increase in the production of premium grapes and wine.	Completed June 2020.
TAS	Scottsdale Irrigation Scheme	\$25,270,000	The Scottsdale Irrigation Scheme delivers a new dam, a mini hydro power station and a water distribution network with 92km of pipelines. The project is helping build resilience to drought for northern Tasmanian producers and will allow for more higher-value irrigation agriculture and dairy. It has the potential to increase irrigation by an additional 13,000 hectares.	Completed May 2020; operational November 2020.

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<i>Underway projects</i>				
VIC	Macalister Irrigation District Modernisation Phase 1B Project	\$20,000,000	The Macalister Irrigation District modernisation phase 1B Project will upgrade the Southern-Tinamba Supply Zone by replacing the upper channel system with a gravity pipeline and automation and modernisation of the lower channel system. This project will improve water efficiency through reduced losses and increase water availability and security through the creation of 9,700 ML of water for productive use.	Contracted 25 August 2017. Expected completion November 2020.
VIC	Mitiamo and District Reticulated Water Supply Project	\$14,500,000	The Mitiamo and District Reticulated Water Supply Project will construct a new pressurised pipeline to integrate water supply across the district and include a pump station and an 85 ML storage. This project will provide a secure pressurised water supply to sustain a viable regional economy, with improved service delivery and reliability for around 180 rural properties.	Contracted 7 May 2020. Expected completion April 2021.
VIC	East Grampians Water Supply Project	\$32,000,000	The East Grampians Water Supply Project will construct around 1,600km of pipeline to provide a reliable and secure reticulated water supply to rural properties in the East Grampians region. This project will supply 1,700 ML per annum of reticulated water and provide around 1,500 rural enterprises with the opportunity to access a reticulated water supply, over an area of 530,000 hectares.	Contracted 7 May 2020. Expected completion April 2022.
VIC	Macalister Irrigation District (MID) Modernisation Phase 2 Project	\$31,296,500	The Macalister Irrigation Modernisation Phase 2 Project will build on previous investment across the Macalister Irrigation District. It includes the replacement of open channel systems with new pipelines, and modernisation works including the upgrade and automation of outlets. This project will increase water availability and security through the generation of around 10,300 ML of water savings and will improve water delivery efficiency to support increased agricultural output.	Contracted 29 September 2020. Expected completion September 2024.
VIC	Western Irrigation Network	\$48,071,000	The Western Irrigation Network project will construct a pipeline network using high-quality recycled water from the Sunbury, Melton and Bacchus Marsh treatment plants to create a new Parwan/Ballieng Irrigation Scheme. This project will provide a new and secure recycled water supply to support viable agricultural expansion in the Parwan/Ballieng region.	Contracted 29 September 2020. Expected completion May 2025.
QLD	Mareeba-Dimbulah Water Supply Scheme – Efficiency Improvement Project	\$11,634,000	The project is modernising the current water supply scheme, including the replacement and installation of around 14km of pipeline, construction of balancing storage and installation of automated control gates. This project will improve water distribution efficiency and increase water availability by up to 8,306 ML through reduced losses, enabling irrigators to better manage and meet crop water demands.	Contracted 15 January 2019. Expected completion February 2022.

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QLD	Warwick Recycled Water for Agriculture	\$790,240	The project will construct a 4km water pipeline extension from an existing distribution network to extend the supply of high quality recycled water in the Warwick Industrial Estate. The project will supply recycled water to additional agricultural and industrial users. It will help build drought resilience, increase reliability and contribute to a secure and affordable supply for users.	Contracted 18 February 2020. Expection completion November 2020.
QLD	Rookwood Weir	\$176,100,000	The project is constructing the new Rookwood Weir on the Fitzroy River near Rockhampton, and includes enabling works to upgrade existing infrastructure to support the construction and operation of the weir. The project will provide water security to help grow and diversify agriculture in the region, and support industrial and urban water use around the Gladstone, Capricorn Coast and Rockhampton regions.	Contracted 5 October 2020. Expected completion mid-2023.
QLD	Emu Swamp Dam (Granite Belt Irrigation Project)	\$42,000,000	This project is constructing a 12,000 ML dam on the Severn River near Stanthorpe, and a 117km pipeline distribution network. The Emu Swamp Dam project will increase water availability by up to 40 per cent in the region for productive use. It will increase water security and provide growers with the confidence and certainty to expand agricultural production in the region. The types of agriculture expected to be supported in the region include apples, stone fruit, vegetables, herbs and grapes.	Contracted 5 October 2020. Expected completion mid-2023.
SA	Northern Adelaide Irrigation Scheme	\$45,600,000	The scheme will deliver new water treatment facilities in the Northern Adelaide Plains, and will construct infrastructure to treat, store and distribute recycled irrigation water to local producers. This project will provide an additional 12 GL of recycled water for horticultural production, supporting expansion and intensification of investment in higher value agriculture in the Northern Adelaide Plains. It will provide local growers with a climate-independent source of recycled water to help improve water security and build resilience to drought and the opportunity to expand agricultural production.	Contracted 16 February 2018. Expected completion mid-2024.

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<i>Committed but not contracted</i>				
NSW	Dungowan Dam	\$242,000,000	The project will see a new Dungowan Dam constructed, increasing storage capacity from 6.3 GL to 22.5 GL. The new dam will be around 3.5km downstream of the existing dam, which will be decommissioned. A new 55km pipeline will supply water from the dam to the Calala Water Treatment Plant. This project will improve water security, help build drought resilience and improve water reliability for agricultural production.	In planning.
NSW	Wyangala Dam	\$325,000,000	The project will raise the current dam embankment and downstream rock fill to add an additional 650 GL of storage to the dam. It will also raise the spillway and intake towers of the dam by 10 metres. An increase in the dam storage capacity of 53 per cent will result in a significant improvement in drought resilience, water security, flood attenuation and water reliability for the Lachlan River.	In planning.
QLD	Big Rocks Weir (managed by the North Queensland Water Infrastructure Authority)	\$30,000,000	This project will construct a new weir in the Charters Towers region of North Queensland. It will create the potential for enhanced agricultural output in the region. It will also deliver water to support high-value crop production, and water security to transition to high-value perennial crops such as table grapes, avocados and mangoes.	In planning.
QLD	Hughenden Irrigation Scheme (managed by the North Queensland Water Infrastructure Authority)	\$180,000,000 (including \$10m allocated for Detailed Business Case)	The Hughenden Irrigation Scheme will deliver a new irrigation scheme and an off-stream storage dam about 15km north of Hughenden. The project would help increase the value of agricultural production in high value areas. It could allow for the irrigation of more than 10,000 hectares of farmland.	In planning.
WA	Myalup-Wellington Project	\$140,000,000	The Myalup-Wellington Project is intended to reduce salinity in Wellington Dam. It will construct diversions for saline water, a water treatment plan and a weir, and will replace open channels with closed pipes. The scheme would improve water security for users and support irrigated agriculture. It will boost agricultural, horticultural and forestry opportunities in the region.	In planning.
WA	Southern Forests Irrigation Scheme	\$39,720,000	The Southern Forests Irrigation Scheme will construct an off-stream 15 GL storage dam on Record Brook near Manjimup and an approximately 250km pipeline distribution network. The scheme will provide increased water security to underpin expansion of irrigated horticulture in the region.	In planning.

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TAS	Tasmanian Irrigation Tranche III: Phase One	\$100,000,000	<p>The project involves the construction and augmentation of multiple irrigation schemes in Tasmania. Irrigation schemes covered by the project include:</p> <ul style="list-style-type: none">• Don Irrigation Scheme• Sassafras Wesley Vale Irrigation Scheme• Fingal Irrigation Scheme• Northern Midlands Irrigation Scheme• Tamar Irrigation Scheme <p>The project will support inter-connectivity, enhancement and modernisation of irrigation schemes, with the potential to enhance economic development by the movement of water to its highest economic use.</p>	In planning.

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