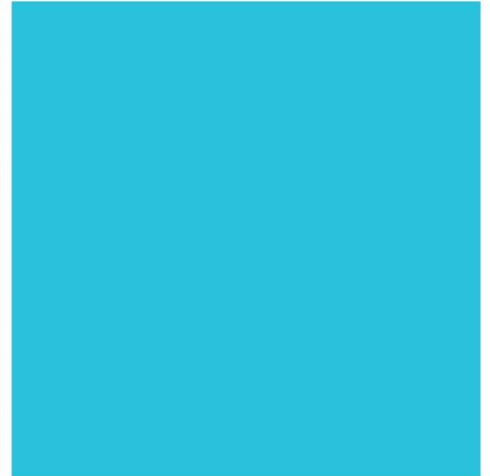


February 2021

Tasmania's 10 Year Infrastructure Pipeline



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Minister's message



The 2020-21 update to Tasmania's 10 Year Infrastructure Pipeline comes at an unprecedented time in our history, with the COVID-19 pandemic having had a significant impact on communities and economies around the world.

The Gutwein Liberal Government is rolling out a landmark \$5 billion infrastructure program over four years, the largest investment to ever be announced by a Tasmanian Government.

This investment forms a central component of Tasmania's COVID-19 recovery, with record levels of investment in our essential services of education and training, health, housing as well as in roads. It will support jobs and the economy and build intergenerational infrastructure for the Tasmanian community.

The Tasmanian Government welcomes the Australian Government's \$401 million investment in our roads and infrastructure as part of the 2020-21 Federal Budget. This investment will help us continue to deliver our plan to rebuild a stronger Tasmania.

While the response to the COVID-19 pandemic is focused on stimulating the economy with shovel-ready projects over the next two years, the Infrastructure Pipeline demonstrates that there is a strong pipeline of infrastructure investment over the next decade which will continue to support and stimulate the Tasmanian economy well into the future.

To assist the delivery of this massive infrastructure program, we have enhanced the role and function of Infrastructure Tasmania (ITas). ITas will now have an expanded role in the strategy, policy and planning of infrastructure across government, and an expanded role in priority project delivery. It will also have a new role in enhanced capital delivery capacity and monitoring, including offering a new service in project assurance.

A state-wide skills roundtable was also established as part of the stimulus package with a view to ensuring the skills and training exists to deliver the significant infrastructure and building boost.

The 2020-21 pipeline is a little later than usual, owing to the later State Budget. By publishing the Pipeline now, we are ensuring that the construction industry has long-term visibility of those contracts that are planned to be brought to the market in the medium to long term. This in turn helps to grow business confidence and create jobs to grow our economy.

These are challenging times, and our focus on investing in infrastructure will play both a key role in the recovery process and also provide lasting benefits for the Tasmanian community to enjoy.

Michael Ferguson MP
Minister for State Growth
Minister for Infrastructure and Transport

I. About the Pipeline

This section provides an overview of what is included in Tasmania's 10 Year Infrastructure Pipeline (the Pipeline) and its intended purpose.

I.1 What is included in the Pipeline?

The Pipeline brings together details of planned public investment across all economic and social infrastructure classes covering the period 2020-21 to 2029-30.

Data for the Pipeline has been sought from asset owners, including Tasmanian government agencies, government businesses, relevant statutory authorities, local government and selected private sector organisations (see Appendix A for a list of Tasmania's economic and social infrastructure asset owners). Asset owners were asked to provide both their total annual capital expenditure over the next 10 years as well as a list of all project proposals that meet the following criteria:

- they are planned to occur between 2020-21 and 2029-30
- they are highly likely in that they are funded or partially funded
- they are significant in cost (indicatively greater than \$5 million), or part of a program of projects that collectively meet this threshold.

The estimated value of the projects shown in the Pipeline are in nominal 2020 dollars.

An analysis of the Pipeline trends based on this information is set out in Section 3, while the full list of Pipeline projects that meet the criteria outlined above is set out in Section 6. Section 3.5 contains an analysis of local government expenditure at a 'global' level together with a selection of 'major' local government infrastructure projects that were submitted to ITas. This recognises that local government plays an important role in the delivery of significant infrastructure across Tasmania.

Given that many private sector construction projects also draw on the same local suppliers and industries as the infrastructure projects captured in the Pipeline, a list of key private sector projects has been included in Section 4. This list cannot always be comprehensive as private developer intentions are often confidential.

Finally, a list of public sector horizon projects, that are not yet certain in terms of timing and/or funding, but which would represent significant infrastructure undertakings is set out in Section 5.



1.2 Purpose of the Pipeline

The Pipeline aims to provide the market with better visibility of the economic and social infrastructure that is being planned over the next decade. Since its inception in 2018, the Pipeline has also realised a range of broader benefits.

- It has helped identify potential constraints to the delivery of priority projects in the short- to medium-term. For instance, if there are overlapping timeframes for key projects which could impact on timely or cost efficient delivery.
- It has allowed better workforce planning to identify the future needs of the construction sector and enabled training organisations to develop appropriate programs to meet demand. In particular, the Civil Contractors Federation in partnership with Skills Tasmania prepared a workforce development plan for the civil construction industry in response to the 2018 Pipeline.
- It has provided an opportunity for infrastructure providers to better understand each other's intended works and, if appropriate, coordinate effort in terms of scheduling overlapping geographic roll outs or jointly planning contingent projects, which may ultimately lead to cost savings. This in turn enables industry to plan ahead and inform its financial and human resourcing decisions in the short to medium term.

Going forward, particularly in the context of the record level of infrastructure investment announced as part of the 2020-21 State Budget, the development of the next Pipeline will revisit and give additional consideration to capacity enablers and constraints including workforce planning and market capacity.

The Pipeline information will continue to be updated annually and will remain viewable on the Department of State Growth website at www.stategrowth.tas.gov.au/infrastructuretasmania.



2. Infrastructure in the context of COVID-19

Infrastructure investment is at the centre of the Tasmanian Government's response to the economic downturn caused by the COVID-19 pandemic to support business confidence, jobs and communities across the State.

In June 2020, the Tasmanian Government announced its Construction Blitz stimulus package which will deliver a significant public infrastructure pipeline over the next two years. The package built on the Government's existing infrastructure investment program and in total will fund projects with an estimated construction value of \$3.1 billion across the next two years.

All elements of the Construction Blitz package, which committed funding across housing, road, irrigation, essential services (such as police stations, schools, child and family centres and courts) and community infrastructure, have been reflected in the 2020-21 State Budget. The Budget also reflects additional funding made available by the Australian Government as well as increased investment by government-owned businesses through support from the Tasmanian Government.

Key categories of public infrastructure stimulus investment include:

- \$150 million for housing initiatives including up to 1 000 social housing dwellings (\$100 million), additional and brought forward funding to fast-track 220 houses under the Affordable Housing Strategy (\$24 million), expanded HomeShare program (\$9.3 million) and HomeBuilder grant of \$20 000 (\$20 million)
- \$42 million for essential services infrastructure projects including regional health and ambulance facilities fund (\$10 million), Burnie court (bring forward \$5.9 million), child and family learning centres (additional \$7 million), Launceston police station refurbishment (\$7 million), emergency services state operation centre (\$3.5 million), police housing upgrades (\$8.7 million)
- almost \$100 million for community infrastructure projects including the Derwent Entertainment Centre and indoor multisport facility (\$68.5 million), Cooee-Wynyard coastal pathway (\$12 million), Royal Tasmanian Botanical Gardens (additional \$4 million), Cascades Female Factory (\$3 million), the Improving the Playing Field fund for sporting organisations (\$10 million)
- \$70 million over two years to fund critical maintenance on public buildings and other publicly owned assets, including refurbishment and renovation of classrooms and school grounds; upgrades to hospitals, health centres and ambulance stations; improvements to public housing stock; heritage works on several of Tasmania's historic public assets; maintenance to walking huts, bathrooms, and other public amenities in Tasmania's national parks and reserves; and repairs to a number of jetties
- \$55 million for roads and irrigation infrastructure including State Road Safety Upgrade Fund (\$40 million) and irrigation schemes (\$15 million)
- \$10.5 million for education and skills infrastructure including Trades and Water Centre of Excellence (additional \$7 million) and Devonport High School (bringing forward \$3.5 million).

This expenditure has been allocated across the state to enable all regions to benefit from the employment and improved infrastructure that the package will support.

Complementing the Tasmanian Government's investments, the Australian Government announced a \$401 million investment in Tasmania's roads and infrastructure in the 2020-21 Federal Budget, including:

- \$150 million for the Hobart to Sorell corridor
- \$72 million for the Tasmanian roads package
- \$65 million for the Tasman Bridge upgrade
- \$52 million for ongoing safety upgrades as part of the Midland Highway 10 Year Action Plan

- \$40 million for Bass Highway upgrades
- \$12 million for Freight Bridge upgrades.

This is in addition to \$34.3 million that the Australian Government is providing for shovel-ready infrastructure projects, targeted road safety upgrades and state road network enhancements as part of its initial response to COVID-19. The Tasmanian Government is contributing \$11 million to these projects, bringing the total package value up to \$46 million.

The Tasmanian and Australian governments stimulus funding is captured in the planned capital expenditure of government agencies discussed in Section 3 below, with individual projects above the \$5 million threshold also listed in Section 6.

The Tasmanian Government has enhanced the role and function of ITas to assist with the delivery of the significant infrastructure program, committing an additional \$7.78 million over four years. Going forward, ITas will have an expanded role in infrastructure strategy, public policy and planning across government, and an expanded role in priority project delivery. It will also have a new role in facilitating efficient public sector capital delivery, including offering a new project and program assurance service. ITas will work collaboratively with all government agencies in establishing and delivering these functions.

Consultation with government agencies and government businesses already indicates that a range of measures are being taken to enhance the delivery of their infrastructure investment program, including:

- recruiting additional project managers and contract specialists to deliver the infrastructure investment program
- bringing forward planning and development for infrastructure projects
- enhancing project management methodology and taking a pro-active approach to managing potential project risks (for example factoring in the lead-time to source specialist equipment and materials).



3. Analysis of Pipeline trends

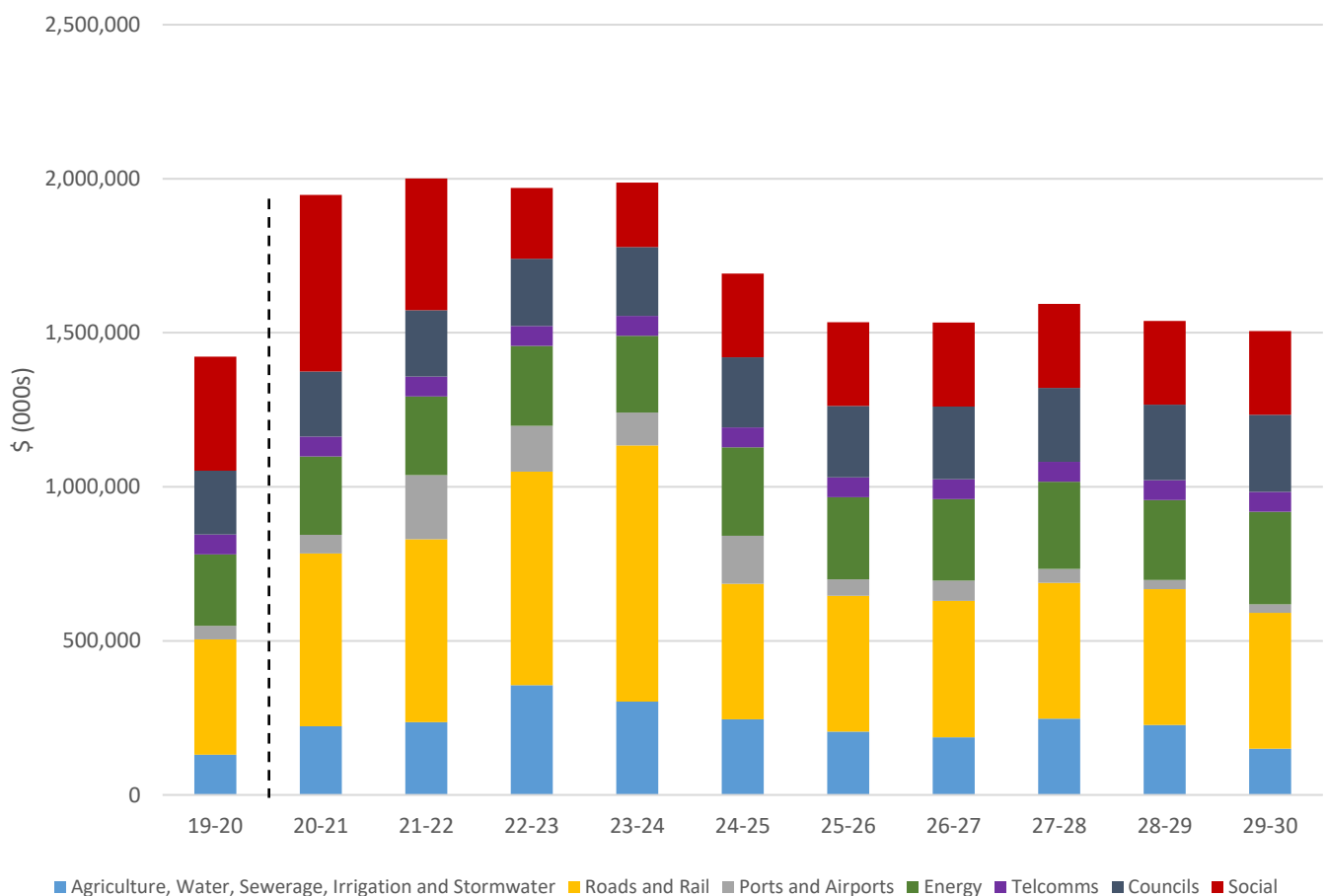
3.1 Timing of spend by asset class

The forecast ten year expenditure for the 2020-21 to 2029-30 Pipeline period is estimated to be \$17.4 billion (see Figure I below).

As was evident in last year's Pipeline, there remains very strong planned levels of infrastructure investment across most economic and social infrastructure asset owners, with around a 3.7 per cent increase in expenditure forecast for 2020-21.

As can be seen in Figure I, the strength in the series continues until the expected end of construction of the new Bridgewater Bridge in 2023-24, but the reduction in the aggregate infrastructure investment forecast after this point should not be interpreted to directly correlate with expected activity. For many asset owners that contribute data to the Pipeline, their planning horizons do not extend further than corporate planning processes (commonly four yearly), State Budget forward estimates periods, the length of Australian Government funding agreements or regulated revenue determination processes.

Figure I: Infrastructure expenditure – historical versus forecast



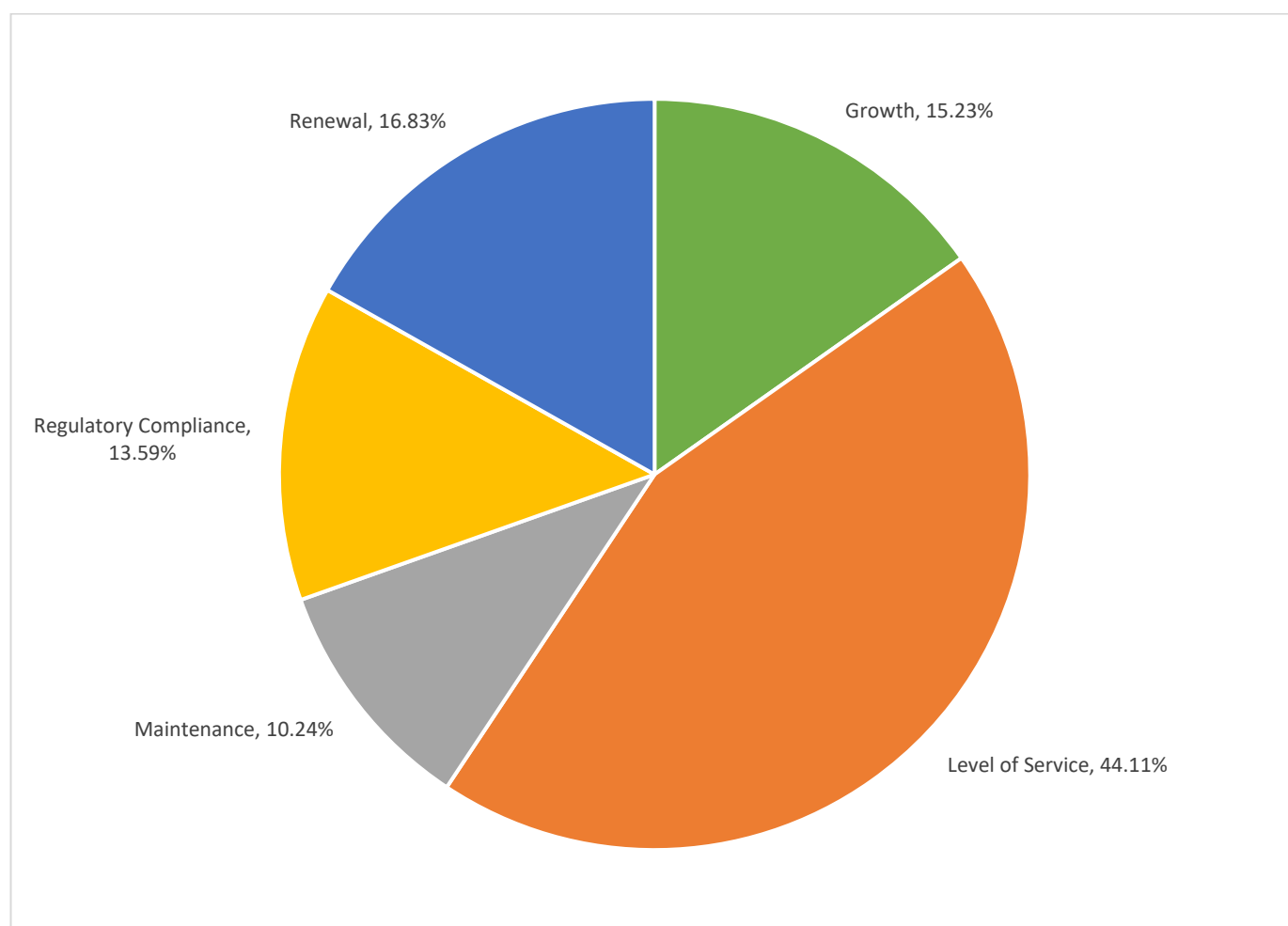
3.2 Project driver analysis

Asset owners were asked to identify the primary driver behind projects when submitting project information to the Pipeline. Definitions of each of these project drivers are set out in the glossary at Appendix B.

As shown in Figure 2 below, the biggest primary driver of these projects is delivering an increased level of service through a new asset or upgrade, followed by renewal, which is defined as replacement of an asset to maintain a level of service. However, it should be noted that there are often dual drivers behind a project, which is not captured by this analysis. For example, projects generally involve replacement and therefore renewal of existing assets even when the primary objective is to upgrade capacity or level of service.

Capacity growth also continues to be a strong driver of projects in the Pipeline, which is consistent with the strong population growth being experienced by Tasmania. This driver is evident in road projects to address increased peak commuter demand, educational projects to increase school capacity and growth in justice and public safety services.

Figure 2: Estimated value of projects in the Pipeline by primary driver

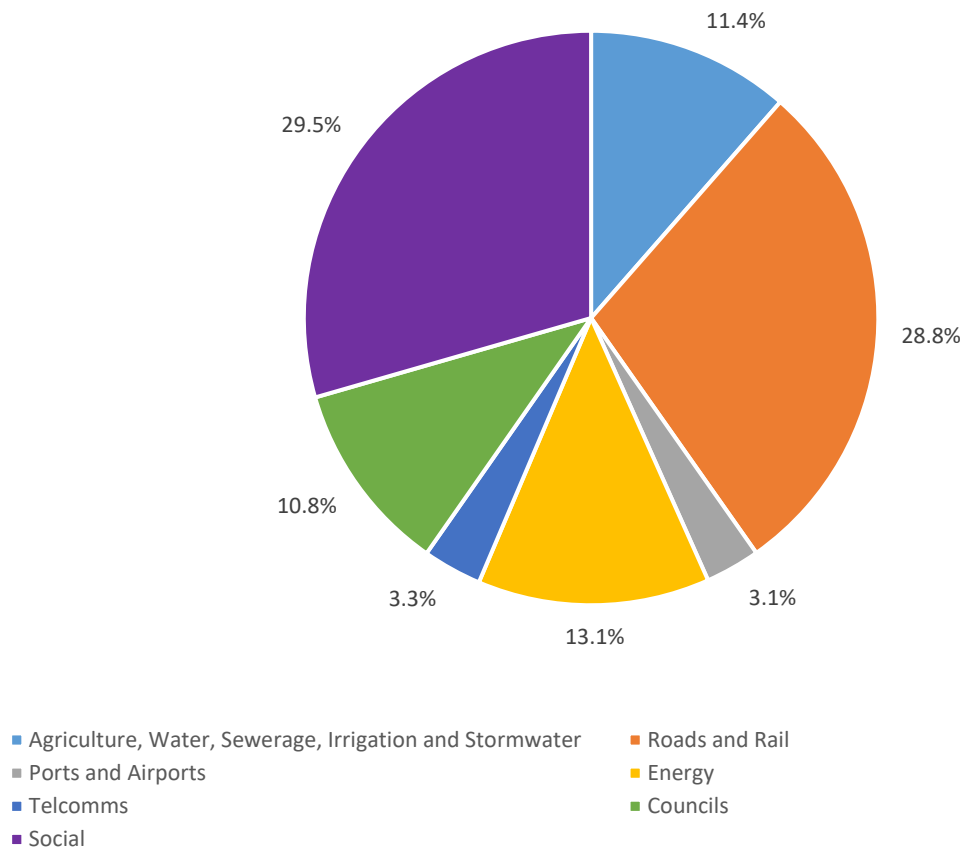


3.3 Infrastructure class analysis

An analysis of the 2020-21 infrastructure investment program by related infrastructure classes shows that the largest annual expenditure is in social infrastructure (which groups together health; education; justice and public safety, and recreation and visitor) closely followed by the road and rail classes (which would be even higher if road and bridge expenditure by councils was included), and then the energy class (see Figure 3 below).

An overview of key projects and issues in each infrastructure class is set out below.

Figure 3: Forecast percentage of aggregate expenditure for 2020-21 by class



3.3.1 Roads

There are 52 ongoing or planned road projects and programmes included in the Pipeline, representing an estimated value of approximately \$2.7 billion. This includes the Bridgewater Bridge project, which is the largest investment in a single transport infrastructure project in Tasmania's history. Due to start construction in 2022, the project is backed by a \$576 million funding commitment from the Australian and Tasmanian Governments.

Across 2019-20, \$278 million was spent on road construction and upgrades, including \$85 million on maintaining Tasmania's network of 3 700 kilometres of roads and 1 287 bridges and other major structures. Major road projects completed during this period include the \$92.3 million Perth Links road project, which is the largest component of Midland Highway 10 Year Action Plan.

Work commenced in 2019-20 on the \$130 million South East Traffic Solution, including the \$50 million Tasman Highway Airport Interchange. Construction also started on six bridge strengthening projects on Huon Highway, Bass Highway, Bridport Road and Brooker Highway in early 2020 under the Freight Access Bridge Upgrades Program to allow for higher productivity freight vehicles

Looking forward, key projects due to commence construction in 2020-21 include the first package of works as part of the \$100 million to upgrade the Bass Highway between Wynyard and Marrawah and the duplication of Evandale Road between the Launceston Airport and Breadalbane.

In the broader transport space, Metro Tasmania is continuing to progress its \$46 million bus upgrade and modernisation program, with all new buses being built in Tasmania.

3.3.2 Energy

The Pipeline contains over \$2 billion of energy-related projects over the next decade. While the majority of this investment is focused on renewal and refurbishment projects, the Tasmanian Government is continuing to advance the case for additional Bass Strait electricity interconnection.

The Project Marinus Business Case Assessment (BCA) report was released in December 2019 and found that the project will provide a key catalyst for investment in Tasmania's renewable energy sector and the Battery of the Nation project. The BCA found that Project Marinus was technically feasible and commercially viable.

The Australian Government has committed to fast-track its \$56 million contribution to progress Marinus Link into the design and approvals stage and has also identified Project Marinus as one of three critical projects that it will work to accelerate via a \$250 million program.

On 15 December 2020, the Tasmanian Premier and the Prime Minister signed a historic energy and emissions reduction Memorandum of Understanding (MoU). The MoU recognises the existing commitments made to Tasmanian energy projects, but importantly, also provides significant new commitments from both Governments to take the Project Marinus and Battery of the Nation projects forward. Under the MoU, the Governments will create a new ownership and governance structure and provide a further \$132.9 million in funding to progress Project Marinus to a Final Investment Decision.

The MoU also provides commitments to finalise financial and underwriting arrangements for the Battery of the Nation hydropower projects. As part of the MoU signing process, the Tasmanian Minister for Energy also announced that Cethana was the number one pumped hydro site that would proceed to final feasibility phase, assisted by a contribution of up to \$30 million from Hydro Tasmania.

Since last year's Pipeline, the Wilmot Power Station Refurbishment was completed (\$24 million), while refurbishments to the Catagunya Power Station Machine Number 1 (\$24 million) and Trevallyn Power Station Machine Number 2 (\$16 million) are scheduled to be completed during 2020-21. Site works for the Catagunya Power Station Machine No 2 (\$21 million), Trevallyn Power Station Machine No 1 (\$18 million), and Lake Echo Power Station (\$35.2 million) are also scheduled to commence in 2020-21.



3.3.3 Agriculture, water, sewerage, irrigation and stormwater

TasWater's 10 year capital expenditure is forecast to be \$1.7 billion, with 61 ongoing or planned projects in the pipeline. Since last year's Pipeline, TasWater has continued to embed the Capital Delivery Office within its operating model in order to increase its capacity to deliver its infrastructure investment program.

Major projects completed by TasWater since last year's Pipeline include the King Island Water Treatment Plant (\$20 million) and the Kingborough Sewage Strategy – Treatment and Network (\$53 million).

A number of key water and sewerage projects also commenced during 2019-20 including the upgrades to the Bryn Estyn Water Treatment Plant - this is the largest single infrastructure project undertaken in TasWater's history, with an expected investment of approximately \$200 million over the life of the project.

Some initial minor works in the larger program to upgrade the City of Launceston's combined sewerage and stormwater system also recently commenced. A total of \$129.2 million is being invested in these infrastructure upgrades as part of the Launceston City Deal in order to improve the health of the Tamar Estuary.

Tasmania continues to lead the nation in delivering irrigation infrastructure. The joint Australian and Tasmanian government commitment of \$185 million, plus the investment from farmers, means that the first phase of the Pipeline to Prosperity, tranche three projects are well underway with the first five expected to add more than 47,000 additional megalitres of irrigation capacity to farmers in the Don, Fingal, Northern Midlands, Sassafras/Wesley Vale and Tamar regions, while Tasmanian Irrigation continues with the planning for other proposed schemes.

3.3.4 Airports

The Tasmanian Government committed \$15 million to airports in the 2020-21 State Budget, with \$10 million to be provided to Hobart International Airport to support the re-establishment of direct international air services and \$5 million to be provided to Launceston Airport as part of projects that will to expand the airport's security screening area and arrivals terminal.

Over the next 10 years, Hobart International Airport has planned for landside and airside upgrades that will be in line with aeronautical demand. The Pipeline also includes an additional airfreight cargo facility project planned for Launceston Airport.



3.3.5 Ports

During the year, TasPorts has continued to implement its rolling 10 Year Infrastructure Plan, which provides a framework for planning, prioritising and delivering infrastructure investment and maintenance at each port. This has seen TasPorts place a strong focus on investing in marine and landside infrastructure to ensure the ongoing provision of fit-for-purpose services.

Going forward, TasPorts priority infrastructure projects in the short-term include the Devonport East Upgrade, which is a major redevelopment at the Port of Devonport that will significantly enhance trade throughput through improved infrastructure and facilitation of larger ships.

The Pipeline also includes the Burnie Export Gateway and Hobart Port Redevelopment in the list of public sector horizon projects in Section 5. The Burnie Export Gateway involves infrastructure upgrades at the Port of Burnie to accommodate the introduction of larger vessels, enabling substantially increased export growth, while the Hobart Port Redevelopment includes a significant upgrade of the Macquarie Wharves to address existing load limits and will enable growth in the tourism, trade and Antarctic sectors.

3.3.6 Rail

TasRail has continued to deliver the Tasmanian Freight Rail Revitalisation Program to improve network performance, with the Australian and Tasmanian Governments having committed \$375.2 million to Tranches One, Two and Three of the Program.

In 2019-20, TasRail completed year one of Tranche Two, which focused on track upgrades to improve reliability and safety on the network. Tranche Two is a four-year program (\$119.6 million) funded in equal measure by the Australian and Tasmanian Governments. This work is focused on the primary freight corridor between Burnie and Brighton and is due to be delivered by 30 June 2023.

The Tasmanian and Australian governments have committed \$136 million to the Third Tranche of the Tasmanian Freight Rail Revitalisation Program which focuses on rail network renewal. It is anticipated that this Tranche will commence in the second half of 2020-21, targeting completion in June 2024, and continuing critical work on rail network renewal.

During 2019-20, TasRail completed the scoping phase of the \$40 million project to replace the bulk minerals shiploader at the Port of Burnie and tendered the design and construction of a new ship loader in August 2020. This project, which forms part of the Tasmanian Freight Rail Revitalisation Program, is fully funded by the Australian Government and will allow TasRail to replace this critical piece of infrastructure that is more than 50 years old. It is anticipated that the new shiploader project will take two years to deliver and provide significant productivity, reliability, environmental and safety benefits.

3.3.7 Communications

With the rollout of the National Broadband Network officially complete in Tasmania, spending on telecommunications infrastructure is now primarily focused on maintenance of the network. TasNetworks continues to spend approximately \$5 million per annum on maintaining and improving its backbone network that supports electricity sector communications and some private sector customers.

The Project Marinus business case recommended that optical fibre cables be installed in each of the 750 MW components of Marinus Link. The additional optical fibres provided by Marinus Link and supporting transmission will double the optical fibre telecommunications cable routes across Bass Strait and support greater telecommunications capacity, competition, and security between Tasmania and mainland Australia.

3.3.8 Housing

The 2020-21 State Budget provided record investment of more than \$300 million to deliver new housing and homeless initiatives over the next four years, including \$100 million to deliver the Community Housing Growth Program which was announced as part of the Construction Blitz and which will provide up to 1 000 new social housing dwellings. This is in addition to the \$125 million allocated to Tasmania's Affordable Housing Action Plan 2019-23, which is the second stage of the 10 year Affordable Housing Strategy.

3.3.9 Health

The Tasmanian Government took possession of the 10-storey inpatient facility (K-Block) at the Royal Hobart Hospital in 2020. The \$689 million Royal Hobart Hospital Redevelopment is Tasmanian's largest ever health infrastructure project.

Major health infrastructure projects included in the Pipeline include:

- the Royal Hobart Hospital Stage 2 redevelopment (\$91.1 million)
- the continued redevelopment of the Launceston General Hospital (\$87.3 million)
- the continued upgrade of the Mersey Community Hospital (\$37.4 million)
- 27 new mental health beds in Southern Tasmania (\$20.7 million)
- upgrades of Tasmania's rural and regional hospitals through the Statewide Rural Hospital and Ambulance Station Upgrade Fund (\$15 million)
- improved regional health and ambulance facilities (\$10 million).

3.3.10 Education

Major government school infrastructure investment projects included in the Pipeline include the Devonport High School (\$10.5 million), the New Brighton High School (\$50 million) and new K-12 Penguin School (\$20 million). The 2020-21 State Budget also included the additional \$7 million for Child and Family Learning Centres announced as part of the Construction Blitz, for a total investment of \$28 million. These new centres will be located in the Sorell, Kingborough, Glenorchy, East Tamar, West Ulverstone and Waratah-Wynyard communities and will provide a one-stop shop for services to families with young children.

In the skills sector, the Pipeline includes the \$21 million Energy, Trades and Water Centre of Excellence at TasTAFE's Clarence Campus. This will skill and train Tasmanians for local jobs in the construction and civil contracting industries, including water and sewerage.

3.3.11 Justice and public safety

There are a number of significant justice projects in the Pipeline. Investigative works commenced at the proposed site for the new Northern Regional Prison (\$270 million), with the facility to be constructed in two stages and on completion accommodate up to 270 prisoners and remandees. Construction has commenced on the new Southern Remand Centre (\$85 million), with the project estimated to be completed by 2022.

3.3.12 Recreation and visitor

The Government is providing \$68.5 million for the upgrade of the Derwent Entertainment Centre as a world class entertainment and sporting facility, including \$20 million for community multisport facilities. Initial construction on the Derwent Entertainment Centre commenced in 2020, while the multisport facility is scheduled to commence in 2021.



3.4 Regional spend analysis

The breakdown of expenditure in the Pipeline by region closely aligns with the regional populations shares. However, it is noted that the Pipeline only records the location where the spending takes place, rather than whom the spending benefits. For example, in the case of energy generation, the physical location of the assets is not necessarily reflective of where all economic activity arising from their use occurs.

3.5 Local government infrastructure spend

The Pipeline estimates \$200 million is spent annually by local government on economic infrastructure including roads, bridges, stormwater, drainage and local airports.

ITas wrote to all councils seeking information on their infrastructure projects for inclusion in the Pipeline. A total of 14 councils provided input, with Table 1 below capturing a snapshot of those councils' projects with a value over \$5 million and that are highly likely in that they are funded or partially funded.

Table 1: Pipeline projects submitted by local government

Project	Proposing Organisation	Location	Estimated value	Status
North West Museum and Art Gallery	Burnie City Council	Burnie	\$18 million	Business Case
Coastal pathway – eastern section (Fernglade to Heybridge)	Burnie City Council	Burnie	\$10 million	Business Case
New indoor multipurpose sports Centre	Burnie City Council	Burnie	\$15 million	Concept
Coastal pathway – Wynyard to Cooe	Burnie City Council	Coee/Wynyard	\$15.7 million	Design
Huonville link road	Huon Valley Council	Huonville	\$15 million	Design

Project	Proposing Organisation	Location	Estimated value	Status
UTAS stadium resurfacing turf farm	City of Launceston	Launceston	\$6.2 million	Construction
Albert Hall upgrade and refurbishment	City of Launceston	Launceston	\$43 million	Concept
Launceston City Heart design	City of Launceston	Launceston	\$26 million	Design
QVMAG Inveresk/Royal Park redevelopment	City of Launceston	Launceston	\$80 million	Business case
Launceston Waste Centre R3 and R6 liner	City of Launceston	Launceston	\$6 million	Design
Residential growth areas infrastructure (St Leonards)	City of Launceston	Launceston	\$9 million	Concept
Residential growth areas Infrastructure (South Prospect)	City of Launceston	Launceston	\$19 million	Concept
Penguin foreshore project	Central Coast Council	Penguin	\$6.5 million	Procurement
Scottsdale outdoor aquatic centre	Dorset Council	Scottsdale	\$7.5 million	Procurement
Pembroke Stadium	Sorell Council	Sorell	\$8.5 million	Design
Pembroke Park – future stages	Sorell Council	Sorell	\$9.1 million	Concept
Ulverstone Cultural Precinct	Central Coast Council	Ulverstone	\$10 million	Construction
Total			\$304.5 million	

The 2020 report by Regional Development Australia (RDA) Tasmania, *Councils as Placemakers: Understanding Future Investment in Infrastructure*,¹ is also relevant in the context of this update to the Pipeline, providing a more detailed understanding of local governments' approach to future infrastructure investment and planning.

RDA Tasmania asked councils to nominate new and potential infrastructure projects where there was an opportunity or need in their local area to make future investments to grow and support their communities. The survey identified 308 projects worth \$1.24 billion, with the main driver for new projects being growth to cater for increased demand and providing increased capacity. It is noted that many of these projects were not in the respective council's long term financial strategy, some were fully funded in capital works budgets, some partially, and some not at all.

¹ Available at [https://www.rdatasmania.org.au/client-assets/documents/documents-and-reports/RDA%20Tasmania%20Council%20as%20Place%20Makers%20July%202020%20\(FINAL\).pdf](https://www.rdatasmania.org.au/client-assets/documents/documents-and-reports/RDA%20Tasmania%20Council%20as%20Place%20Makers%20July%202020%20(FINAL).pdf)

4. Private sector interface with the Pipeline

Compilation of a comprehensive private sector-funded project pipeline is complicated by commercial sensitivities, resulting in many projects becoming public only once development approval is sought. Project timing is further complicated by commercial factors influencing investment decisions.

Table 2 below captures the publicly announced projects that are either in construction or which have progressed to a stage where they are more likely than not to be delivered. These projects total around \$6.6 billion and are spread broadly across sectors like the visitor economy, education, mining, manufacturing and property development.

The Pipeline captures this current and planned activity as it will, in many cases, compete directly with public sector Pipeline projects for delivery resources. This is a particular issue for many of the State's social infrastructure providers as their projects draw heavily on the general construction sector.

The status of these projects includes an additional category not shown for the government sector projects listed in Section 6, namely Development Application (DA) Approved, recognising that the outcome of this process is an important commercial indicator.

Table 2: List of known private sector Pipeline projects

Project	Location	Estimated value	Status
Patriarch and Sons Rotary Veneer Mill	Bell Bay	\$54 million	Business Case
Chambroad Kangaroo Bay Hotel and international hospitality college	Bellerive	\$85 million	DA Approved
The Great Lake Hotel	Central Highlands	\$20 million	DA Approved
Arm End golf course	Clarence	\$16 million	DA Approved
Our Cradle (boutique accommodation)	Cradle Mountain	\$20 million	DA Approved
Devonport Waterfront Hotel	Devonport	\$40 million	Construction
Devonport Living City – Waterfront Precinct	Devonport	\$15 million	Construction
Dutch Mill Edith Creek milk processing facility	Edith Creek	\$25 million	Construction
MONA casino and hotel expansion (Berriedale)	Greater Hobart	\$400 million	Concept
Forward Mining Rogetta iron ore mine	Hampshire	\$100 million	Business Case
Hermal Group (timber processing facility)	Hampshire	\$190 million	Business Case
The Tasman (Marriot Luxury Collection), Parliament Square	Hobart	\$50 million	Construction
197 Macquarie Street Hotel	Hobart	\$50 million	DA approved

Project	Location	Estimated value	Status
Mount Wellington cable car	Hobart	\$54 million	Business Case (DA submitted)
Nexus private hospital	Hobart	\$55 million	Business Case
Sixty Six Burnett Street	Hobart	\$78 million	Construction
Wilkinsons Point precinct	Glenorchy	\$200 million	Concept
University of Tasmania city centric campus	Hobart	\$500 million	Concept
Showgrounds redevelopment - Glenorchy	Hobart	\$300 million	Design
University of Tasmania Launceston campus (Inveresk)	Inveresk	\$209 million	Construction
Jim's Plains wind farm	Jim's Plains	\$350 million	Design
Cape Wickham Golf Links - accommodation	King Island	\$70 million	DA Approved
Crown King Island Resort	King Island	\$2 million	DA Approved
Kingston Park project	Kingston	\$300 million	Construction
Calvary private northern hospital	Launceston	\$100 million	Business Case
Albert Hall redevelopment	Launceston	\$10 million	Business Case
Launceston Creative Precinct	Launceston	\$90 million	Design
GPH Hotel	Launceston	\$60 million	DA Approved
DADA gallery and carpark	Launceston	\$16 million	DA Approved
Low Head Wind Farm	Low Head	\$60 million	Concept
Antarctic and Science Precinct ²	Macquarie Point	\$550 million	Business Case
The Promenade ²	Macquarie Point	\$60 million	Pre-Market Sounding
The Underground ²	Macquarie Point	\$30 million	Pre-Market Sounding
The Gateway ²	Macquarie Point	\$300 million	Pre-market sounding
The Escarpment ²	Macquarie Point	\$60 million	EOI Assessment Phase

² These projects include estimates of the value of investment in Macquarie Point expected to come out of competitive bidding processes which have now commenced (The Escarpment Project).

Project	Location	Estimated value	Status
Mt Roland cable car	Mt Roland	\$21 million	Business Case
Callington Mill Whisky Distillery	Oatlands	\$20 million	Construction
Federal Group Port Arthur Hotel	Port Arthur	\$25 million	Concept
Remarkable Lodge	Port Arthur	\$20 million	DA approved
Recherche Bay Eco Resort	Recherche Bay	\$25 million	Business case
Robbins Island Wind Farm	Robbins Island	\$1.6 billion	Business Case
Iron Creek Farm Stay (previously Orani)	Sorell	\$14 million	Construction
Bayport Group Spring Bay Project (Solis golf development)	Spring Bay	\$45 million	Business case
University of Tasmania Burnie campus (West Park)	West Park	\$37 million	Construction
Table Cape Luxury Resort	Wynyard	\$44 million	DA Approved
Stellar Resources Heemskirk tin project	Zeehan	\$110 million	Concept
Total		\$6.48 billion	



5. Government sector horizon projects

There are a number of projects that are yet to progress from feasibility stage but which the Government is committed to seeing delivered. These projects, which are listed in Table 3 below, are important not only due to their size and the resources they would consume in delivery, but each would have significant local economic benefits.

Table 3: List of government sector horizon projects

Project	Proponent	Location	Indicative Value	Status
Battery of the Nation and Project Marinus	TasNetworks and Hydro Tas	Statewide	\$7.1 billion	Concept
Cradle Mountain Cableway	Office of Coordinator General	Cradle Mountain	\$61 million	Business case
Bus transit centre and northern suburbs transit corridor	Department of State Growth, Australian Government and Greater Hobart Councils	Hobart	Unknown	Concept
Burnie Export Gateway	TasPorts	Burnie	\$137 million	Concept
Hobart Port redevelopment	TasPorts	Hobart	\$119 million	Concept
Total			\$7.4 billion	

6. Pipeline projects

The list of Pipeline projects in Table 4 below is sorted by infrastructure class and then in chronological order of expected substantive construction commencement. The Pipeline is based on the best available information of the asset owners at this point in time (see Appendix C for more information on the assumptions underpinning the report).

Table 4: List of Pipeline projects

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
Roads										
1	Accelerated Bus Replacement Program	Metro Tasmania	46	Construction	Statewide	Statewide	Transport	Level of Service	2017	2021
2	Richmond Road upgrade per masterplan	Department of State Growth	30	Construction	Richmond	South	Road	Level of Service	2018	2021
3	Great Eastern Drive	Department of State Growth	24	Construction	Statewide	Statewide	Road	Level of Service	2019	2023
4	Northern region upgrade program	Department of State Growth	31	Construction	Northern region	North	Road	Level of Service	2019	2023
5	North West and West Coast upgrades	Department of State Growth	10	Construction	North-West region	North-West	Road	Level of Service	2019	2023
6	Expansion of Charles St Bridge capacity and Invermay network upgrade	Department of State Growth	40	Construction	Launceston CBD	North	Road	Level of Service	2020	2027
7	Northern Roads Package Batman Highway, Frankford and Birralelee Road upgrade	Department of State Growth	55	Procurement	Northern region	North	Road	Level of Service	2020	2024
8	Powranna Straight & Tunbridge - Midland Highway 10 Year Action Plan	Department of State Growth	6	Construction	Northern region	North	Road	Level of Service	2020	2021
9	Replacing Midway Point roundabout with Traffic Signals and duplicated lanes	Department of State Growth	40	Construction	Midway Point	South	Road	Level of Service	2020	2022
10	Southern region upgrades	Department of State Growth	22	Procurement	Southern region	South	Road	Level of Service	2020	2023
11	Road maintenance program including pavement resurfacing	Department of State Growth	412	Procurement	Statewide	Statewide	Road	Maintenance	2020	2030

³ The substantive construction date refers to the labour and capital intensive phase of each project. Project scoping, planning, consultation and design and any associated preliminary works may occur before this phase, depending on the project.

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
12	Bridge maintenance program	Department of State Growth	32	Procurement	Statewide	Statewide	Road	Maintenance	2020	2030
13	Tasman Highway, Hobart Airport Interchange	Department of State Growth	50	Construction	Cambridge	South	Road	Growth	2020	2022
14	Bridge renewal program (projects less than \$5m)	Department of State Growth	41	Construction	Statewide	Statewide	Road	Renewal	2020	2030
15	Pavement renewal program	Department of State Growth	36	Construction	Statewide	Statewide	Road	Renewal	2020	2030
16	Road and shoulder width upgrades	Department of State Growth	21	Construction	Statewide	Statewide	Road	Level of Service	2020	2030
17	West Tamar Highway Traffic Solution	Department of State Growth	12	Construction	West Tamar	North	Road	Level of Service	2020	2022
18	State Road network enhancements	Department of State Growth	20	Design	Various	Statewide	Road	Level of Service	2020	2021
19	Heavy vehicle rest areas (Australian Government stimulus project)	Department of State Growth	5	Design	Various	Statewide	Road	Level of Service	2020	2022
20	Road Safety Program (Targeted Road Safety Infrastructure Fund)	Department of State Growth	53	Business Case	Various	Statewide	Road	Level of Service	2020	2022
21	Freight bridge upgrades	Department of State Growth	15	Business Case	Various	Statewide	Road	Level of Service	2020	2022
22	Bruny Island landside infrastructure	Department of State Growth	8	Construction	Bruny Island	South	Road	Level of Service	2020	2021
23	Bass Highway- West of Wynyard to Marrawah	Department of State Growth	100	Design and Construction	North West	North West	Road	Level of Service	2021	2025
24	Bass Highway- Cooe to Wynyard	Department of State Growth	50	Design and Construction	North West	North West	Road and Bridge	Level of Service	2021	2024
25	Murchison Highway	Department of State Growth	36	Design and Construction	West	West	Road	Level of Service	2021	2024
26	Launceston Airport, duplication of Evandale Road from Airport to Breadalbane	Department of State Growth	15	Procurement	Evandale	North	Road	Growth	2021	2022

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
27	Southern Outlet, Tasman, Brooker, Hobart - City Link ITS (OTIS & LUMS)	Department of State Growth	23	Procurement	Greater Hobart	South	Road	Growth	2021	2022
28	Tasman Highway (Apsley River) Bridge replacement	Department of State Growth	10	Procurement	Bicheno	South	Road	Renewal	2021	2021
29	Campbell Town pedestrian underpass (Australian Government stimulus project)	Department of State Growth	6	Design	Campbell Town	North	Road	Level of Service	2021	2021
30	Overtaking Lanes on Tasman Highway between St Helens and Diana's Basin	Department of State Growth	8	Procurement	St Helens	North	Road	Level of Service	2021	2022
31	Huon Highway/Sandfly Road Junction (Australian Government stimulus project)	Department of State Growth	7	Design	Sandfly	South	Road	Level of Service	2021	2022
32	Davey & Macquarie St, clearway	Department of State Growth	16	Design	Hobart	South	Road	Growth	2021	2023
33	Campbell Town North - Midland Highway 10 Year Action Plan	Department of State Growth	50	Design	Northern region	North	Road	Level of Service	2021	2023
34	Tasman Highway improvements near Tasmania Golf Club	Department of State Growth	40	Design	Cambridge	South	Road	Level of Service	2021	2022
35	Constructing a Sorell southern bypass	Department of State Growth	30	Procurement	Sorell	South	Road	Level of Service	2021	2023
36	East Derwent Highway duplication at Geilston Bay	Department of State Growth	21	Procurement	Clarence	South	Road	Level of Service	2021	2022
37	Ross - Midland Highway 10 Year Action Plan	Department of State Growth	32	Concept	Campbell Town	North	Road	Level of Service	2021	2022
38	Oatlands - Midland Highway 10 Year Action Plan	Department of State Growth	40	Concept	Jericho, York Plans	South	Road	Level of Service	2021	2022
39	Lyell Highway, Queenstown to Strahan	Department of State Growth	19	Design	Strahan	North-West	Road	Level of Service	2021	2022
40	Bass Highway Leith	Department of State Growth	15	Design	Leith	North-West	Road	Level of Service	2021	2022
41	Hobart Southern Outlet transit lane	Department of State Growth	35	Design	Kingston	South	Road	Growth	2022	2024

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
42	Tasman Bridge active travel improvements	Department of State Growth	130	Business Case	Hobart, Eastern shore	South	Road	Level of Service	2022	2024
43	Realignment of Channel Highway in Huonville	Department of State Growth	16	Concept	Huonville	South	Road	Level of Service	2022	2024
44	Bridgewater Bridge replacement	Department of State Growth	576	Design	Bridgewater	South	Road	Level of Service	2022	2024
45	Tasman Highway, Midway Point Causeway & Sorell Causeway	Department of State Growth	187	Business Case	Sorell	South	Road	Level of Service	2022	2025
46	Illawarra Main Road	Department of State Growth	80	Business Case	Perth	North	Road	Level of Service	2022	2024
47	Old Surrey Road/ Massy Greene Drive upgrade	Department of State Growth	20	Business Case	Burnie	North	Road	Level of Service	2022	2024
48	Tasman Highway, Sideling upgrade	Department of State Growth	50	Business Case	Scottsdale	North	Road	Level of Service	2022	2024
49	Bass Highway, targeted upgrades between Deloraine and Devonport	Department of State Growth	50	Business Case	Devonport	North	Road	Level of Service	2023	2025
50	Bridport Road	Department of State Growth	20	Business Case	North East	North East	Road	Level of Service	2023	2025
51	West Tamar Highway, Legana to Muddy Creek duplication (Targeted upgrades between Exeter and Launceston)	Department of State Growth	20	Business Case	Legana	North	Road	Growth	2024	2027
52	Feasibility, development and design of new Tamar Bridge	Department of State Growth	25	Business Case	Launceston CBD	North	Road	Level of Service	2025	2027
Energy										
53	Replacement substandard overhead copper conductor	TasNetworks	5	Construction	Statewide	Statewide	Energy	Renewal	2019	2030
54	Replace 220KV live tank breakers	TasNetworks	12	Concept	Statewide	Statewide	Energy	Renewal	2019	2026
55	Replacement substandard overhead galvanised iron conductor	TasNetworks	5	Construction	Statewide	Statewide	Energy	Renewal	2019	2027
56	Statewide replacement of meter panels	TasNetworks	6	Construction	Statewide	south	Energy	Renewal	2019	2029
57	Replace 11kV and 22kV Air-break switches	TasNetworks	25	Construction	Statewide	Statewide	Energy	Renewal	2019	2025

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
58	Bushfire mitigation	TasNetworks	64	Construction	Statewide	Statewide	Energy	Level of Service	2019	2030
59	Murchison Dam upgrade	Hydro Tasmania	14	Construction	Tullah	North- West	Energy	Maintenance	2020	2021
60	Catagunya Power Station machine number 1 - refurbishment	Hydro Tasmania	24	Construction	Ouse	South	Energy	Renewal	2020	2021
61	Trevallyn Power Station machine number 2 - refurbishment	Hydro Tasmania	16	Construction	Trevallyn	North	Energy	Maintenance	2020	2021
62	Tarraleah hydropower scheme progressive refurbishment	Hydro Tasmania	200	Feasibility	Tarraleah	South	Energy	Renewal	2020	2029
63	Irrigation renewable energy projects	Tas Irrigation	5	Business Case	Various	Statewide	Energy	Level of Service	2020	2022
64	Distribution network: customer initiated subdivisions, substations, major and non-major works (commercial, residential and irrigation)	TasNetworks	230	Construction	Statewide	Statewide	Energy	Growth	2020	2030
65	Pole replacements	TasNetworks	162	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
66	Replacement of low voltage cable program	TasNetworks	24	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
67	Replacement of ground mounted substations	TasNetworks	49	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
68	Replace pole mounted transformers	TasNetworks	35	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
69	Replace overhead low voltage services	TasNetworks	31	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
70	Transmission line protection renewal program	TasNetworks	30	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
71	Replacement of high voltage switchgear in ground mounted substations	TasNetworks	24	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
72	Transmission line insulator assembly replacement program	TasNetworks	17	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
73	Replace overhead low voltage services (customer initiated work)	TasNetworks	13	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
74	Transmission Line Conductor Assembly Refurbishment Program	TasNetworks	12	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
75	Transformer Protection Renewal Program	TasNetworks	11	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
76	Transmission Line Access Track Refurbishment Program	TasNetworks	10	Construction	Statewide	Statewide	Energy	Renewal	2020	2030

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
77	Transmission Line Tower Foundation Refurbishment Program	TasNetworks	10	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
78	Replace aged/deteriorated aluminium conductor	TasNetworks	5	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
79	Replace public lights – minor (bulk replacement)	TasNetworks	9	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
80	Replace service fuses	TasNetworks	9	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
81	Supervisory Control and Data Acquisition (SCADA) System Renewal Program	TasNetworks	9	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
82	High voltage Substation Protection Renewal Program	TasNetworks	8	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
83	Transmission Line Anode Renewal Program	TasNetworks	8	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
84	Low conductor span rectification – low clearance high voltage	TasNetworks	7	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
85	Replace low voltage switchboards in ground mounted substations	TasNetworks	7	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
86	Replace service wires	TasNetworks	6	Construction	Statewide	Statewide	Energy	Renewal	2020	2024
87	Replace transformer earths	TasNetworks	6	Construction	Statewide	Statewide	Energy	Renewal	2020	2024
88	Generic asset refurbishment – primary assets	TasNetworks	6	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
89	Replace high voltage feeders	TasNetworks	6	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
90	Replace 110 kV live tank breakers	TasNetworks	6	Concept	Statewide	Statewide	Energy	Renewal	2020	2022
91	Replace ground mounted transformers	TasNetworks	5	Construction	Statewide	Statewide	Energy	Renewal	2020	2030
92	Pole staking	TasNetworks	17	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
93	Low conductor span rectification – low clearance Low voltage	TasNetworks	17	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
94	Composite material alternative distribution support structures	TasNetworks	11	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
95	Threatened bird mitigation	TasNetworks	10	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
96	Distribution network power quality improvement (LV circuit augmentation, transformer augmentation, and MV conductor augmentation)	TasNetworks	20	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
97	Distribution network reliability improvement (install, augment, and local reinforcement)	TasNetworks	7	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
98	Telecommunications - support and expansion of service	TasNetworks	40	Construction	Statewide	Statewide	Energy	Level of Service	2020	2030
99	Telecommunications - multiplexer project	TasNetworks	10	Concept	Statewide	Statewide	Energy	Level of Service	2020	2025
100	Lake Echo Power Station - refurbishment	Hydro Tasmania	35	Procurement	Lake Echo	South	Energy	Maintenance	2021	2022
101	Catagunya Power Station machine number 2 - refurbishment	Hydro Tasmania	21	Procurement	Ouse	South	Energy	Renewal	2021	2022
102	Trevallyn Power Station machine number 1 - refurbishment	Hydro Tasmania	18	Procurement	Trevallyn	North	Energy	Maintenance	2021	2022
103	Meadowbank dam crest gates controls replacement	Hydro Tasmania	6	Concept	Ouse	South	Energy	Renewal	2021	2023
104	Energy control system refresh	Hydro Tasmania	12	Procurement	Tasmania	State- wide	Energy	Regulatory Compliance	2021	2023
105	Kermantie Substation - T1 & T2 supply transformers - replacement	TasNetworks	5	Concept	Kermantie	South	energy	Renewal	2021	2023
106	District Infrastructure Scheme	Macquarie Point Development Corporation	22	Procurement	Hobart	South	Energy	Regulatory Compliance	2022	2030
107	Poatina Penstock external painting	Hydro Tasmania	9	Procurement	Poatina	North	Energy	Maintenance	2022	2023
108	Arthurs Lake pump - refurbishment	Hydro Tasmania	14	Concept	Arthurs Lake	South	Energy	Renewal	2022	2023
109	Edgar Dam repairs	Hydro Tasmania	16	Concept	Strathgordon	South	Energy	Maintenance	2022	2024
110	Lemonthyme Power Station - refurbishment	Hydro Tasmania	27	Concept	Mt Roland	North- West	Energy	Maintenance	2022	2023
111	Rowallan Power Station - refurbishment	Hydro Tasmania	23	Concept	Lake Rowallan	North- West	Energy	Maintenance	2022	2022
112	Poatina Power Station machine number 3 - upgrade	Hydro Tasmania	18	Concept	Poatina	North	Energy	Renewal	2022	2023
113	Brady and Bronte Dam upgrades - campaign 1	Hydro Tasmania	8	Concept	Brady's Lake	South	Energy	Maintenance	2022	2022
114	Gordon 1, 2 & 3 main inlet valve replacements	Hydro Tasmania	13	Procurement	Tarraleah	South	Energy	Renewal	2022	2024
115	Tarraleah No 1 Canal Sustain Programme	Hydro Tasmania	50	Concept	Tarraleah	South	Energy	Maintenance	2022	2030

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
I 16	Boyer Substation - T13 & T14 supply transformers – replacement	TasNetworks	5	Concept	Boyer	South	Energy	Renewal	2022	2025
I 17	Poatina Power Station machine number 2 - upgrade	Hydro Tasmania	17	Concept	Poatina	North	Energy	Renewal	2023	2024
I 18	Tungatinah Power Station machine number 3 - refurbishment	Hydro Tasmania	14	Concept	Tarraleah	South	Energy	Maintenance	2023	2023
I 19	Reece Power Station machine number 1- refurbishment	Hydro Tasmania	28	Concept	Lake Pieman	North- West	Energy	Renewal	2023	2024
I20	Gordon Power Station machine number 2 - runner replacement	Hydro Tasmania	17	Concept	Strathgordon	South	Energy	Renewal	2023	2023
I21	Poatina Power Station machine number 1 - alternator and secondary systems upgrade	Hydro Tasmania	9	Concept	Poatina	North	Energy	Maintenance	2024	2025
I22	Trevallyn Power Station machine number 3 - refurbishment	Hydro Tasmania	11	Concept	Trevallyn	North	Energy	Maintenance	2024	2025
I23	Tungatinah Power Station machine number 2 - stator replacement	Hydro Tasmania	5	Procurement	Tarraleah	South	Energy	Renewal	2024	2024
I24	Poatina Power Station machine number 4 - spear refurbishment s	Hydro Tasmania	6	Concept	Poatina	North	Energy	Maintenance	2024	2024
I25	Mackintosh Power Station refurbishment	Hydro Tasmania	27	Concept	Tullah	North- West	Energy	Maintenance	2024	2025
I26	Gordon Cavern roof stabilisation	Hydro Tasmania	11	Concept	Strathgordon	South	Energy	Maintenance	2024	2025
I27	Tarraleah number 2 siphon woodstave replacement	Hydro Tasmania	5	Concept	Tarraleah	South	Energy	Renewal	2024	2024
I28	Replace 220 kV switches	TasNetworks	8	Concept	Statewide	Statewide	Energy	Renewal	2024	2027
I29	Trevallyn Power Station number 4 - refurbishment	Hydro Tasmania	18	Concept	Trevallyn	North	Energy	Maintenance	2025	2026
I30	Bastyan Power Station - refurbishment	Hydro Tasmania	27	Concept	Tullah	North- West	Energy	Maintenance	2025	2026
I31	Replace 110 kV switches	TasNetworks	11	Concept	Statewide	Statewide	Energy	Renewal	2025	2030
I32	Newton pump refurbishment and rewind	Hydro Tasmania	6	Concept	Lake Newton	North- West	Energy	Maintenance	2026	2028
I33	Poatina Power Station cavern stability upgrade	Hydro Tasmania	15	Concept	Poatina	North	Energy	Renewal	2026	2028
I34	Scotts Peak dam repairs	Hydro Tasmania	54	Concept	Strathgordon	South	Energy	Maintenance	2026	2028
I35	Poatina Power Station machine number 6 - refurbishment	Hydro Tasmania	22	Concept	Poatina	North	Energy	Renewal	2026	2027

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
136	Butlers Gorge Power Station - refurbishment	Hydro Tasmania	16	Concept	Tarraleah	South	Energy	Maintenance	2026	2026
137	110kV dead tank circuit breakers - replacement	TasNetworks	10	Concept	Statewide	Statewide	Energy	Renewal	2026	2030
138	Lemonthyme power tunnel stabilisation	Hydro Tasmania	6	Concept	Mt Roland	North- West	Energy	Maintenance	2027	2027
139	Tungatinah penstock coating programme	Hydro Tasmania	40	Concept	Tarraleah	South	Energy	Maintenance	2027	2031
140	John Butters Power Station - refurbishment	Hydro Tasmania	28	Concept	Lake Burbury	North- West	Energy	Renewal	2027	2028
141	Reece Power Station machine number 2 - refurbishment	Hydro Tasmania	33	Concept	Lake Pieman	North- West	Energy	Renewal	2027	2028
142	Lemonthyme penstock painting	Hydro Tasmania	6	Concept	Mt Roland	North- West	Energy	Maintenance	2027	2027
143	Gordon Power Station machine number 1 - runner replacement	Hydro Tasmania	12	Concept	Strathgordon	South	Energy	Renewal	2027	2028
144	Clarence pipeline woodstave replacement	Hydro Tasmania	9	Concept	Tarraleah	South	Energy	Renewal	2028	2029
145	Tungatinah Power Station Stator Replacement Programme	Hydro Tasmania	23	Concept	Tarraleah	South	Energy	Renewal	2028	2031
146	Brady and Bronte Dam upgrades - campaign 2	Hydro Tasmania	16	Concept	Brady's Lake	South	Energy	Maintenance	2028	2029
147	Hobart CBD 11kV supply development	TasNetworks	7	Concept	Hobart	South	Energy	Level of Service	2028	2030
148	Distribution network system development (overhead assets)	TasNetworks	27	Construction	Statewide	Statewide	Energy	Growth	2028	2030
149	Distribution network system development (ground mounted assets)	TasNetworks	8	Construction	Statewide	Statewide	Energy	Growth	2028	2030
150	Hobart CBD 11 kV supply development	TasNetworks	7	Concept	Hobart	South	Energy	Level of Service	2028	2030
151	Cluny Power Station winding replacement	Hydro Tasmania	5	Concept	Ouse	South	Energy	Renewal	2029	2030
152	Gordon Power Station machine number 3 - turbine refurbishment	Hydro Tasmania	14	Concept	Strathgordon	South	Energy	Renewal	2029	2029
153	Tribute Power Station - refurbishment	Hydro Tasmania	17	Concept	Tullah	North- West	Energy	Renewal	2030	2030
154	Gordon Power Station access tunnel stabilisation	Hydro Tasmania	6	Concept	Strathgordon	South	Energy	Maintenance	2030	2030
155	Reece Power Station machine number 1 - winding replacement	Hydro Tasmania	6	Concept	Lake Pieman	North-West	Energy	Renewal	2030	2031

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
156	Rowallan Dam upgrade	Hydro Tasmania	27	Concept	Lake Rowallan	North-West	Energy	Maintenance	2030	2032
Agriculture, water, sewerage, irrigation and stormwater										
157	Modernise our research farms	Department of Primary Industries, Parks, Water and Environment (DPIPWE)	7	Concept	Statewide	Statewide	Agriculture	Level of Service	2020	2022
158	Tranche 3 irrigation projects - phase I	Tas Irrigation	242	Concept	Various	Statewide	Irrigation	Level of Service	2020	2025
159	Scottsdale irrigation scheme - remainder	Tas Irrigation	5	Construction	Scottsdale and Waterhouse districts	North	Irrigation	Level of Service	2020	2020
160	Ambient monitoring	TasWater	5	Construction	Statewide	Statewide	Sewerage	Regulatory Compliance	2020	2029
161	Northern Midlands Sewerage Improvement Plan - Longford STP upgrade	TasWater	33	Construction	Longford	North	Sewerage	Regulatory Compliance	2020	2022
162	Sewage treatment plant renewal program	TasWater	46	Construction	Statewide	Statewide	Sewerage	Renewal	2020	2029
163	Combined system program	TasWater	6	Construction	Statewide	Statewide	Sewerage	Level of Service	2020	2029
164	Inflow and infiltration rectification program	TasWater	6	Construction	Statewide	Statewide	Sewerage	Level of Service	2020	2029
165	Sewer main renewal program	TasWater	36	Construction	Statewide	Statewide	Sewerage	Renewal	2020	2029
166	Sewage pump station renewal program	TasWater	34	Construction	Statewide	Statewide	Sewerage	Renewal	2020	2029
167	Davis St, Smithton Sewer Pump Station upgrade	TasWater	21	Business Case	Circular	North-West	Sewerage	Regulatory Compliance	2020	2022
168	Latrobe Sewerage System - network upgrade and augmentation	TasWater	7	Procurement	Latrobe	North-West	Sewerage	Level of Service	2020	2021
169	Freycinet National Park - sewerage works	DPIPWE	8	Design	Coles Bay	North	Sewerage	Level of Service	2020	2022
170	Hendersons Dam upgrade	TasWater	12	Construction	Whitemark	North	Water	Level of Service	2020	2021
171	Bryn Estyn Water Treatment Plant upgrade	TasWater	206	Procurement	Greater Hobart	South	Water	Regulatory Compliance	2020	2025

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
172	Forth River Water Treatment Plant upgrade / replacement	TasWater	74	Business Case	Forth	North-West	Water	Regulatory Compliance	2020	2025
173	Pet Dam upgrade	TasWater	10	Procurement	Ridgley	North-West	Water	Regulatory Compliance	2020	2023
174	Lake Mikany dam upgrade	TasWater	23	Construction	Smithon	North-West	Water	Regulatory Compliance	2020	2021
175	Water treatment plant renewal program	TasWater	21	Construction	Statewide	Statewide	Water	Renewal	2020	2029
176	Dam safety - minor capital expenditure	TasWater	21	Construction	Statewide	Statewide	Water	Regulatory Compliance	2020	2029
177	Dam safety - compliance	TasWater	12	Construction	Statewide	Statewide	Water	Regulatory Compliance	2020	2029
178	Metering program	TasWater	31	Construction	Statewide	Statewide	Water	Renewal	2020	2029
179	Water main renewal program	TasWater	55	Construction	Statewide	Statewide	Water	Renewal	2020	2029
180	Reservoir renewal / upgrade program	TasWater	23	Construction	Statewide	Statewide	Water	Renewal	2020	2029
181	CCTV Inspection Program	TasWater	7	Construction	Statewide	Statewide	Water/Sewerage	Level of Service	2020	2029
182	Minor projects program	TasWater	30	Construction	Statewide	Statewide	Water/Sewerage	Level of Service	2020	2029
183	SCADA program	TasWater	27	Construction	Statewide	Statewide	Water/Sewerage	Level of Service	2020	2029
184	Electrical program	TasWater	23	Construction	Statewide	Statewide	Water/Sewerage	Renewal	2020	2029
185	Bicheno Sewerage Treatment Plant recycled water scheme expansion	TasWater	6	Business Case	Bicheno	South	Sewerage	Regulatory Compliance	2021	2023
186	Prospect Vale Sewerage Treatment Plant upgrade	TasWater	8	Business Case	Prospect Vale	North	Sewerage	Regulatory Compliance	2021	2023
187	Launceston Sewer Improvement Program	TasWater	243	Business Case	Launceston	North	Sewerage	Regulatory Compliance	2021	2026
188	Ulverstone Sewage Treatment Plant upgrade	TasWater	7	Business Case	Ulverstone	North-West	Sewerage	Level of Service	2021	2023
189	Sheffield optimisation	TasWater	6	Business Case	Kentish	North-West	Sewerage	Regulatory Compliance	2021	2024

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
190	Tamar Estuary River Health Action Plan	TasWater	129	Business Case	Launceston	North	Sewerage	Commercial Opportunity	2021	2025
191	Hobart CBD main sewer alignment	Macquarie Point Development Corporation & TasWater	6	Procurement	Hobart	South	Sewerage	Growth	2021	2022
192	Regional Towns Water Supply Program Stage 4	TasWater	60	Business Case	Statewide	Statewide	Water	Regulatory Compliance	2021	2024
193	UV Program Stage 2 - Campbell Town/Ross, Fingal, Queenstown, South Esk, Swansea, Triabunna, Tullah, West Tamar, Zeehan	TasWater	9	Business Case	Statewide	Statewide	Water	Regulatory Compliance	2021	2023
194	Burnie RC trunk main renewal	TasWater	6	Concept	Burnie	North-West	Water	Renewal	2021	2023
195	Prosser Dam water supply	TasWater	8	Concept	Sorell	South	Water	Growth	2021	2023
196	Rosebery additional treated water storage	TasWater	6	Business Case	West Coast	North-West	Water	Level of Service	2021	2022
197	Lake Fenton Pipeline (Gateway), New Norfolk - water main renewal	TasWater	6	Business Case	Sorell	South	Water	Renewal	2021	2022
198	UV Projects – eight sites (Glen, Westbury, St Helens, Scottsdale, Bridport, Deloraine, Longford, Bracknell)	TasWater	10	Business Case	Various	Various	Water	Regulatory Compliance	2021	2024
199	UV Projects St1 & 2a - five sites (Chimney, Burnie, Distillery, Tamar, Mt Leslie)	TasWater	10	Business Case	Various	Various	Water	Regulatory Compliance	2021	2024
200	UV-St2b - nine sites-(Smithton, Strahan, Campbell, Swansea, Zeehan, Triabunna, Fingal, Tullah, Queenstown)	TasWater	17	Business Case	Various	Various	Water	Regulatory Compliance	2021	2024
201	Lake River irrigation pipeline	Hydro Tasmania	8	Concept	Poatina	North	Irrigation	Level of Service	2022	2023
202	Wynyard Sewage Treatment Plant upgrade	TasWater	17	Concept	Wynyard	North-West	Sewerage	Regulatory Compliance	2022	2024
203	Relocation of Macquarie Point Treatment Plant	TasWater	150	Concept	Hobart	South	Sewerage	Level of Service	2022	2023
204	Geeveston STP optimisation (combined pipeline projects)	TasWater	10	Business Case	Huon Valley	South	Sewerage	Regulatory Compliance	2022	2023

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
205	Cygnet STP outfall upgrade (combined pipeline projects)	TasWater	7	Business Case	Huon Valley	South	Sewerage	Regulatory Compliance	2022	2023
206	Hamilton STP relocation	TasWater	7	Business Case	Central Highlands	South	Sewerage	Level of Service	2022	2023
207	Ridgeway dam upgrade	TasWater	25	Concept	Greater Hobart	South	Water	Regulatory Compliance	2022	2024
208	Bridport water surety	TasWater	13	Concept	Dorset	North	Water	Level of Service	2022	2024
209	Port Sorell Reservoir and network upgrades	TasWater	6	Business Case	Latrobe	North-West	Water	Growth	2022	2025
210	PittWater Sewerage Strategy	TasWater	30	Concept	Various	South	Sewerage	Regulatory Compliance	2023	2025
211	Scottsdale STP upgrade - effluent management	TasWater	10	Business Case	Dorset	North	Sewerage	Regulatory Compliance	2023	2024
212	Fenton major upgrade/replacement	TasWater	138	Concept	Greater Hobart	South	Water	Regulatory Compliance	2023	2028
213	Launceston water supply surety	TasWater	30	Concept	City of Launceston	North	Water	Level of Service	2023	2025
214	George Town optimisation	TasWater	5	Concept	George Town	North	Sewerage	Regulatory Compliance	2024	2025
215	Northern Midlands Sewerage Improvement Plan - Perth, Western Junction and Evandale STP upgrades	TasWater	47	Concept	Northern Midlands	North	Sewerage	Regulatory Compliance	2025	2028
216	Hobart Sewer Improvement Plan	TasWater	89	Concept	Various	South	Sewerage	Regulatory Compliance	2026	2032
217	Queenstown Sewage Treatment Plant upgrade	TasWater	5	Concept	Queenstown	North-West	Sewerage	Regulatory Compliance	2027	2031
218	Fern Tree water treatment upgrade	TasWater	70	Concept	Greater Hobart	South	Water	Regulatory Compliance	2027	2030
219	Sorell Midway Point Strategy	TasWater	13	Concept	Sorell	South	Sewerage	Level of Service	2030	2032
220	Huon Valley Water Treatment Plant upgrade/replacement	TasWater	45	Concept	Huon Valley	South	Water	Regulatory Compliance	2030	2033

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
221	Lower Reservoir Dam upgrade	TasWater	6	Concept	Hobart	South	Water	Regulatory Compliance	-	-
222	Westbury Sewer Treatment Plant upgrade and reuse	TasWater	20	Business Case	Meander Valley	North	Sewerage	Regulatory Compliance	-	-
223	Tasman Highway Orford - trunk main (combined pipeline projects)	TasWater	9	Business Case	Glamorgan Spring Bay	South	Water	Growth	-	-
Airports										
224	Hobart Airport airside capital	Hobart Airport	198	Construction	Cambridge	South	Airport	Growth	2020	2024
225	Hobart Airport landside capital	Hobart Airport	235	Construction	Cambridge	South	Airport	Growth	2020	2024
226	Re-establishment of direct international air services	Hobart Airport	18	Business Case	Cambridge	South	Airport	Growth	2020	2021
227	Arrivals hall project	Launceston Airport	5	Design	Launceston Airport	North	Airport	Growth	2021	2022
228	Security screening project	Launceston Airport	5	Design	Launceston Airport	North	Airport	Regulatory Compliance	2021	2022
229	New airfreight cargo facility	Launceston Airport	5	Design	Launceston Airport	North	Airport	Growth	2021	2022
Ports										
230	Bell Bay concrete remediation - berth 6	TasPorts	12	Construction	Bell Bay	North	Port	Renewal	2019	2021
231	Selfs Point fuel fire control system	TasPorts	8	Construction	Hobart	South	Port	Regulatory Compliance	2020	2022
232	Devonport East upgrade	TasPorts	60	Business Case	Devonport	North-West	Port	Growth	2021	2026
233	Mac I - 4 concrete remediation	TasPorts	6	Procurement	Hobart	South	Port	Maintenance	2021	2023
234	Burnie Chip Export Terminal programme of works	TasPorts	15	Concept	Burnie	North-West	Port	Maintenance	2021	2025
235	Bell Bay Wood Chip loading facility	TasPorts	10	Concept	Bell Bay	North	Port	Growth	2021	2022
236	Longreach South Wharf remediation	TasPorts	8	Concept	Bell Bay	North	Port	Maintenance	2021	2022

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
237	Tasmanian Freight Rail Revitalisation Program: Tranche 3 Shiploader Replacement Project	TasRail	40	Procurement	Burnie	North-West	Port	Level of Service	2021	2022
238	Bulk Minerals Export Facility Expansion Project	TasRail	6	Concept	Burnie	North-West	Port	Growth	2021	2022
239	Hobart public ferry terminals	TasPorts	10	Concept	Bellerive	South	Port	Level of Service	2022	2023
240	Antarctic Precinct	TasPorts	35	Concept	Hobart	South	Port	Growth	2023	2026
241	Cruise terminal precinct - Macquarie Wharf 2/3	TasPorts	30	Concept	Hobart	South	Port	Growth	2023	2025
242	Devonport Capital Dredging Program	TasPorts	10	Concept	Devonport	North-West	Port	Level of Service	2023	2024
Rail										
243	Tasmanian Freight Rail Revitalisation Program: Tranche 2	TasRail	120	Construction	State-wide	State-wide	Rail	Level of Service	2019	2023
244	Internally Funded Below Rail Capital Program	TasRail	12	Construction	Statewide	Statewide	Rail	Renewal	2020	2029
245	Internally Funded Above Rail Capital Program	TasRail	37	Construction	State-wide	State-wide	Rail	Renewal	2020	2029
246	Tasmanian Freight Rail Revitalisation Program: Tranche 3 Rail Renewal Project	TasRail	96	Concept	State-wide	State-wide	Rail	Level of Service	2021	2024
247	Forestry Industry Capacity and Productivity Package	TasRail	5	Concept	Brighton	State-wide	Rail	Level of Service	2021	2022
Housing										
248	Tasmania's Affordable Housing Action Plan 2	Department of Communities Tasmania	125	Procurement	Statewide	Statewide	Housing	Level of Service	2019	2023
249	Housing Program	Department of Communities Tasmania	73	Procurement	Statewide	Statewide	Housing	Level of Service	2020	2023
250	CSHA Debt Waiver Agreement	Department of Communities Tasmania	58	Procurement	Statewide	Statewide	Housing	Level of Service	2020	2023
251	Community Housing Growth Program	Department of Communities Tasmania	100	Business Case	Statewide	Statewide	Housing	Level of Service	2021	2023

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
Health										
252	Launceston General Hospital ward upgrades	Department of Health	10	Construction	Launceston	North	Health	Level of Service	2016	2021
253	Launceston General Hospital redevelopment	Department of Health	87	Construction	Launceston	North	Health	Level of Service	2018	2024
254	Mersey Community Hospital upgrades	Department of Health	37	Design	Latrobe	North-West	Health	Level of Service	2018	2022
255	Rural hospital and ambulance upgrade fund	Department of Health	15	Construction	Statewide	Statewide	Health	Level of Service	2018	2021
256	Statewide hospital critical facility upgrades	Department of Health	7	Construction	Statewide	Statewide	Health	Level of Service	2018	2021
257	Air conditioning upgrades	Department of Health	6	Construction	Statewide	Statewide	Health	Renewal	2018	2021
278	Rural health facility infrastructure upgrades	Department of Health	5	Construction	Statewide	Statewide	Health	Level of Service	2018	2021
259	27 new mental health beds in southern Tasmania	Department of Health	21	Concept	Hobart	South	Health	Level of Service	2018	2022
260	Glenorchy ambulance station	Department of Health	6	Design	Glenorchy	South	Health	Level of Service	2018	2021
261	Stage 2 of the King Island Hospital redevelopment	Department of Health	11	Construction	Currie	North-West	Health	Level of Service	2018	2022
262	Royal Hobart Hospital stage 2 redevelopment	Department of Health	91	Business Case	Hobart	South	Health	Level of Service	2019	2023
263	Public Buildings Maintenance Fund	Department of Health	16	Construction	Statewide	Statewide	Health	Maintenance	2020	2022
264	CHHP St Johns Park Eating Disorders Treatment Centre	Department of Health	10	Business Case	Hobart	South	Health	Level of Service	2020	2024
265	Regional health and ambulance facilities fund	Department of Health	10	Concept	Statewide	Statewide	Health	Level of Service	2020	2022

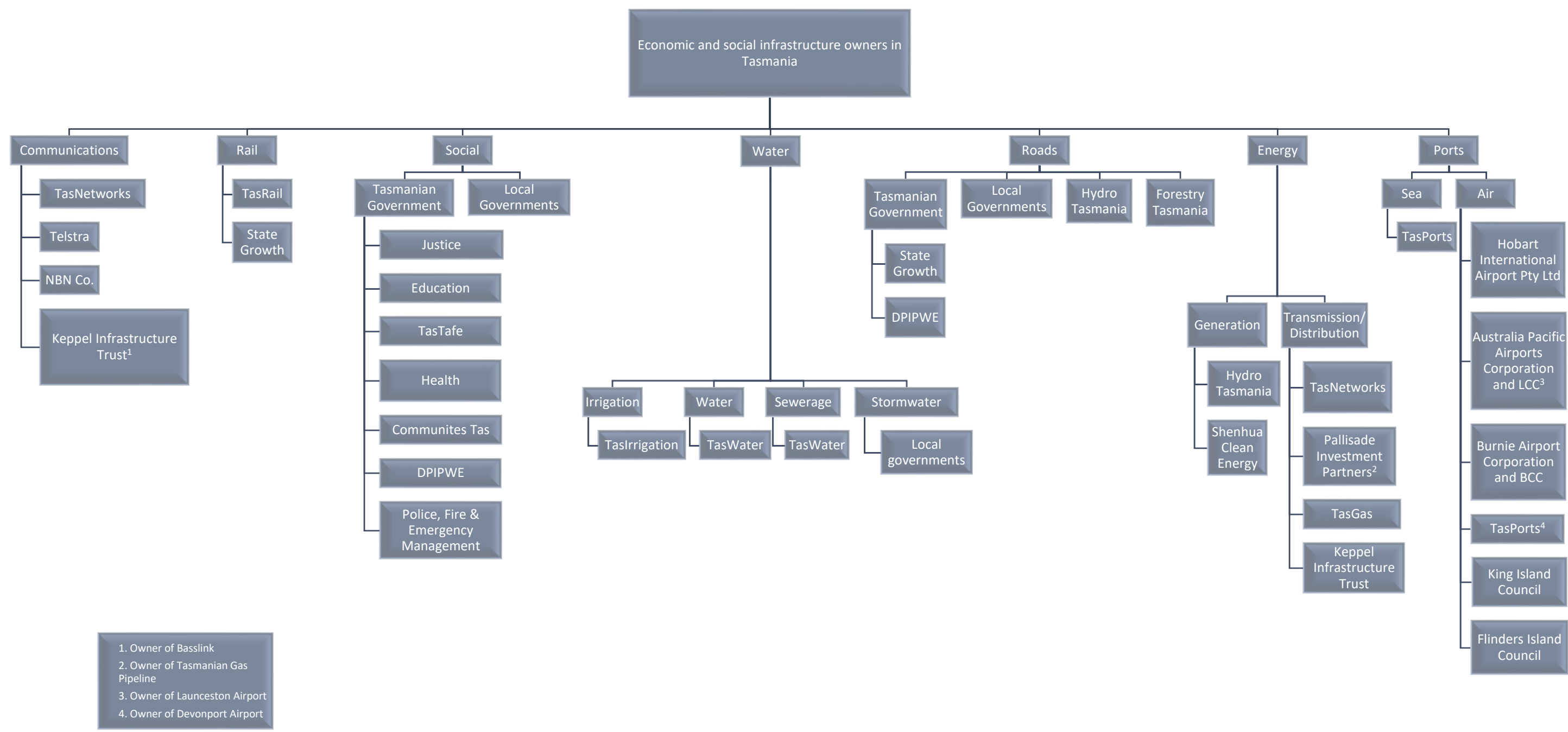
Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
266	Burnie ambulance station	Department of Health	6	Design	Burnie	North-West	Health	Level of Service	2021	2022
267	CHHP Acute Care Facility North West Regional Hospital	Department of Health	10	Concept	Burnie	North-west	Health	Level of Service	2022	2024
268	CHHP Kings Meadows community centre	Department of Health	10	Concept	Launceston	North	Health	Level of Service	2022	2024
Education										
269	Year 7-12 implementation plan	Department of Education	17	Construction	Statewide	Statewide	Education	Level of Service	2014	2022
270	Education Act implementation	Department of Education	18	Construction	Statewide	Statewide	Education	Growth	2018	2021
271	School infrastructure upgrades (Hellyer College Science upgrades, Launceston College Science upgrades, Molesworth Environment Centre and Ulverstone Primary School refurbishment)	Department of Education	7	Construction	Statewide	Statewide	Education	Level of Service	2018	2021
272	Devonport High School	Department of Education	11	Construction	Devonport	North-West	Education	Renewal	2019	2022
273	Taroona High redevelopment	Department of Education	5	Construction	Taroona	South	Education	Level of Service	2020	2021
274	Landsdowne Crescent Primary School	Department of Education	5	Construction	West Hobart	South	Education	Renewal	2020	2021
275	Schools Revitalisation Stimulus Package	Department of Education	17	Construction	Statewide	Statewide	Education	Renewal	2020	2021
276	Agricultural Centre of Excellence	TasTafe	5	Design	Burnie	North-West	Education	Level of Service	2021	2021
277	Energy, Trades and Water Centre of Excellence	TasTafe	21	Design	Clarence	South	Education	Level of Service	2020	2022
278	New K-12 Penguin School	Department of Education	20	Construction	Penguin	North-West	Education	Level of Service	2021	2022
279	New K-12 Sorell School	Department of Education	26	Design	Sorell	South	Education	Level of Service	2021	2023

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
280	Six New Child and Family Learning Centres	Department of Education	28	Design and Concept	Statewide	Statewide	Education	Level of Service	2021	2024
281	Brighton High School build	Department of Education	50	Concept	Brighton	South	Education	Growth	2022	2024
282	Revitalising Cosgrove High School	Department of Education	20	Concept	Moonah	South	Education	Renewal	2022	2023
283	Legana Primary	Department of Education	24	Concept	Legana	North	Education	Growth	2022	2023
Justice and public safety										
284	Large vessel replacement program	Department of Police, Fire and Emergency Management	22	Procurement	Statewide	Statewide	Justice and Public Safety	Level of Service	2014	2023
285	Upgrade police housing	Department of Police, Fire and Emergency Management	22	Construction	Statewide	Statewide	Justice and Public Safety	Level of Service	2016	2023
286	Ashley Youth Detention Centre redevelopment	Department of Communities Tasmania	7	Construction	Deloraine	North	Justice	Level of Service	2018	2021
287	Longford police station	Department of Police, Fire and Emergency Management	5	Design	Longford	North	Justice and Public Safety	Level of Service	2019	2021
288	New Norfolk police station	Department of Police, Fire and Emergency Management	5	Design	New Norfolk	South	Justice and Public Safety	Level of Service	2019	2021
289	Sorell emergency services hub	Department of Police, Fire and Emergency Management	12	Design	Sorell	South	Justice and Public Safety	Level of Service	2019	2022
290	New southern remand centre	Department of Justice	85	Construction	Risdon Vale	South	Justice and Public Safety	Growth	2020	2022

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
291	Launceston police headquarters	Department of Police, Fire and Emergency Management	7	Design	Launceston	North	Justice and Public Safety	Level of Service	2020	2022
292	New northern regional prison	Department of Justice	270 (two stages)	Concept	North	North	Justice and Public Safety	Growth	2021	2031
293	Upgraded Burnie Court complex	Department of Justice	15	Design	Burnie	North-West	Justice and Public Safety	Level of Service	2021	2023
294	Risdon Prison shared facilities upgrade	Department of Justice	9	Design	Risdon Vale	South	Justice and Public Safety	Level of Service	2022	2022
Recreation and visitor										
295	Three Capes Track stage three	DPIPWE	8	Procurement	Tasman Peninsula	South	Recreation and Visitor	Level of Service	2016	2021
296	Improved statewide visitor infrastructure	DPIPWE	16	Construction	Statewide	Statewide	Recreation and Visitor	Level of Service	2019	2022
297	Cradle Mountain Visitor Experience	DPIPWE	26	Construction	Cradle Mountain	North-West	Recreation and Visitor	Level of Service	2019	2021
298	National parks maintenance boost	DPIPWE	8	Construction	Statewide	Statewide	Recreation and Visitor	Maintenance	2019	2022
299	Community Recovery Fund - parks infrastructure	DPIPWE	8	Construction	Statewide	Statewide	Recreation and Visitor	Level of Service	2020	2022
300	National and world heritage projects	DPIPWE	5	Procurement	Tasmanian Wilderness Work heritage area	North-west	Recreation and visitor	Level of Service	2020	2021
301	Freycinet Tourist Icons project	DPIPWE	7	Procurement	Coles bay	North	Recreation and Visitor	Level of Service	2020	2022
302	Purchase and upgrade of Derwent Entertainment Centre	Department of State Growth	49	Construction	Glenorchy	South	Recreation and Visitor	Level of Service	2020	2021
303	Site development preparation works (to support The Underground)	Macquarie Point Development Corporation	5	Business Case	Hobart	South	Social	Commercial Opportunity	2020	2022

Project No.	Project/program name	Proposing organisation	Indicative value (\$ million)	Stage of project	Location	Region	Infrastructure class	Primary driver	Substantive construction commences ³	Target construction completion
304	Indoor multi-sports facility	Department of Communities Tasmania	20	Business Case	Greater Hobart	South	Recreation and Visitor	Level of Service	2021	2022
305	Next Iconic Walk	DPIPWE	20	Concept	West Coast	Statewide	Recreation and Visitor	Level of Service	2021	2023
306	Cascades Female Factory History and Interpretation Centre	Port Arthur Historic Site Management Authority	5	Design	South Hobart, Tasmania	South	Recreation and Visitor	Renewal	2021	2021
307	Site development preparation works (to support The Antarctic and Science Precinct)	Macquarie Point Development Corporation	6	Business Case	Hobart	South	Social	Growth	2021	2022
308	New harness and greyhound tracks for the North-West Coast	Tasracing	11	Design	North West	North West	Recreation and Visitor	Level of Service	2021	2022

Appendix A: Economic and social infrastructure asset owners in Tasmania



Appendix B: Glossary

The following glossary relates to the investment drivers for projects and their stage of development.

Drivers	
Growth	Provides increased infrastructure capacity.
Renewal	Replacement of an asset to maintain a level of service.
Regulatory Compliance	Addresses deficiencies where a defined regulatory level of service is not being met.
Level of Service	New asset or upgrade that delivers increased level of service.
Maintenance	Maintaining an asset to optimise its economic life.
Stage of Project	
Concept	Problem or opportunity identified, solution scoped, high level costings considered.
Business Case	Detailed options analysis, recommended approach and proposed budget.
Design	Developing the approved concept option to a high level of design detail through schematic design and design development, preparation of detailed drawings and specifications that will form the basis of the construction documentation.
Procurement	Contracting providers to undertake project.
Construction	The building and delivery of a project scope.
Start/End Year	
Substantive construction	Refers to the labour and capital intensive phase of each project. Project scoping, planning, consultation and design and any associated preliminary works may occur before this phase, depending on the project.

Appendix C: Caveats

- The Pipeline represents the best understanding of asset owners as to likely future infrastructure investments in the State at this point in time.
- While many of the projects sit within current asset management plans, have capital allocated and are almost certain to be delivered, many others have uncertainty over scope, timing or require regulatory approvals.
- In a number of cases project level information has been wrapped up to a program level. This occurs where individual projects are not of sufficient scale to meet the capital threshold of \$5 million, but there is a number of the same project types (e.g. renewals or maintenance programs) that collectively do.
- The data contained in the Pipeline 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.
- In some cases, asset owners have provided a capital plan which does not cover 10 years. Similarly, some State agencies only have program visibility for the Budget and forward estimates period, or rely on Federal funding agreements to be confirmed in the latter years.
- Where data has not been provided for yearly aggregate capital spend by an organisation, a conservative estimate has been made usually based on an average of recent years' actuals. This has not necessitated any change to project level information.



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