

6. PUBLIC NON-FINANCIAL CORPORATIONS PROJECTS

6.1 Public non-financial corporations projects

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Table 6.1: Capital investment by public non-financial corporations

Agency	Capital Expenditure			Variation ^(b)
	2020-21	2020-21	2021-22	
	Budget ^(a)	Revised ^(a)	Budget ^(a)	
	\$m	\$m	\$m	\$m
Transport				
Transport Asset Holding Entity	2,807.6	2,559.2	3,375.6	816.4
Sydney Trains	34.0	31.1	29.7	(1.4)
State Transit Authority of New South Wales	0.4	0.4	0.4	0.0
Sydney Ferries ^(c)	16.8	17.6	17.7	0.1
NSW Trains	10.8	17.0	4.4	(12.6)
Water				
Hunter Water Corporation	220.9	210.6	187.8	(22.8)
Sydney Water Corporation	1,642.8	1,040.3	1,666.4	626.1
Water NSW	352.4	234.3	263.5	29.2
Ports				
Newcastle Port Corporation (trading as Port Authority of NSW)	53.9	37.4	41.8	4.4
Housing				
New South Wales Land and Housing Corporation	593.1	547.8	751.7	203.9
Teacher Housing Authority of New South Wales	5.3	1.0	4.6	3.5
Property				
Place Management NSW	25.5	10.3	29.5	19.2
Sydney Cricket and Sports Ground Trust ^(d)	47.6	11.9	...	(11.9)
Sydney Opera House Trust	136.9	112.4	62.0	(50.4)
Venues NSW ^(d)	10.0	36.1	74.6	38.5
Forestry Corporation of New South Wales	17.2	14.7	12.5	(2.2)
Landcom	5.0	3.9	4.1	0.1
Other				
Waste Asset Management Corporation	0.3	0.1	0.3	0.3
Zoological Parks Board of New South Wales	27.6	11.1	85.2	74.2
Electricity				
Essential Energy	570.4	488.9	597.7	108.8
Total^(e)	6,578.7	5,386.2	7,209.4	1,823.2

(a) The difference between total investment in Table 6.1 and the total of agency programs in the project list represents the capitalising of interest

(b) The variation is from 2020-21 Revised to the 2021-22 Budget. Discrepancies between totals are due to rounding.

(c) Capital expenditure on fleet maintenance has not been included.

(d) From 1 December 2020 the Sydney Cricket and Sports Ground Trust and Venues NSW merged.

(e) Public Non-Financial Corporations investment published in Table A1.9 of Budget Paper 1 may not sum to the totals of agency programs published in Table 6.1. The difference represents intra-sector eliminations.

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Transport Asset Holding Entity of New South Wales

Major Works ^(a)

Works in Progress

Automatic Train Protection	Various	2008	n.a.	n.a.	774,988	35,000
Central Walk ^(b)	Sydney	2017	2022	n.a.	441,751	45,690
Commuter Car Parking Program (State and Federal Funded)	Various	2019	n.a.	n.a.	155,971	232,000
Fast Rail (Planning and Minor Works) (State and Federal Funded)	Various	2019	2026	326,000	25,088	45,000
Fixing Country Rail	Various	n.a.	n.a.	n.a.	47,985	60,000
Main Western Rail Line Capacity Enhancements	Lithgow - Dubbo/Parkes	n.a.	n.a.	n.a.	30,899	25,000
Mariyung Fleet (New Intercity Fleet)	Various	2014	2024	2,880,000	1,624,023	345,000
More Trains, More Services	Various	2016	n.a.	n.a.	2,417,934	1,133,000
Regional Rail Fleet Program ^(c)	Various	2017	n.a.	1,260,000	115,329	320,000
Transport Access Program ^(d)	Various	2011	n.a.	n.a.	1,761,025	365,000
Total, Works in Progress						2,605,690
Total, Major Works						2,605,690
Total, Minor Works						769,890
Total, Transport Asset Holding Entity of New South Wales						3,375,580

(a) A number of Estimated Total Costs (ETCs) and dates are shown as "n.a." reflecting that the program is a rolling program. ETC is the

(b) This project is being delivered as part of the Sydney Metro City and South West project and is being built at Central Station

(c) Capital ETC excludes financing cost for Public Private Partnership

(d) Includes a number of projects which commenced prior to 2011-12 and are now included in the larger Transport Access Program

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

NSW Trains

Leases

Lease Acquisition between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	3207	23
Total, Leases						23
Total, Minor Works						4,354
Total, NSW Trains						4,377

Sydney Trains

Leases

Lease Acquisition between \$250,000 and \$20 million	Various	n.a.	n.a.	n.a.	11,077	15,663
Total, Leases						15,663
Total, Minor Works						14,000
Total, Sydney Trains						29,663

The following agencies have a minor works program only

State Transit Authority of New South Wales	435
Sydney Ferries	23,154

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Hunter Water Corporation

Major Works

New Works

Enhancement of Wastewater Infrastructure	Various	2021	2027	149,750		564
Enhancement of Water Infrastructure	Various	2021	2031	121,896		843
Other Business Projects	Various	2021	2024	5,571		1,200
Total, New Works						2,607

Works in Progress

Enhancement of Wastewater Infrastructure	Various	2015	2028	261,580	166,298	49,598
Enhancement of Water Infrastructure	Various	2019	2026	110,571	12,819	31,423
Enhancement of Water and Sewerage Infrastructure	Various	2018	2031	143,191	27,317	20,113
Wastewater Pump Station Improvement Compliance Program	Various	2020	2024	n.a.	n.a.	649
Other Business Projects	Various	2015	2025	105,918	32,468	19,580
Total, Works in Progress						121,363

Total, Major Works

123,970

Total, Minor Works

63,870

Total, Hunter Water Corporation

187,840

Sydney Water Corporation

Major Works

New Works

Digital Customer Platform	Parramatta	2020	2022	29,040	8,112	17,556
Malabar System Stage 1	Malabar	2020	2025	376,000	240	8,000
Total, New Works						25,556

Works in Progress

Blue Mountains Cascades Water Supply	Katoomba	2020	2024	55,433	11,540	26,800
Business Experience Platform (BxP)	Various	2015	2022	117,160	93,553	28,427
Critical Watermain Program	Various	1998	2031	701,299	514,414	36,050
Cronulla Wastewater Treatment Plant Upgrade	Greenhills Beach	2019	2026	124,000	754	2,600
Greater Parramatta Olympic Peninsula	Parramatta	2019	2026	199,094	9,450	33,727

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000
Sydney Water Corporation (cont.)						
Growth Works to Service Urban Development	Various	1995	2031	6,051,981	2,022,777	212,027
Information Technology Projects	Various	2001	2031	1,344,733	757,924	72,146
Maintain Water Distribution Systems	Various	1995	2031	4,399,902	1,763,264	108,283
Maintenance Plant Renewals	Various	2001	2031	113,151	69,556	4,000
Northern Suburbs Ocean Outfall Sewer Desilt and Rehabilitation Package B, C and D	Manly	2019	2026	183,192	54,892	48,200
North Head Wastewater Treatment Plant Biosolids Amplification	Manly	2019	2024	94,000	11,684	12,000
Northwest Treatment Hub Phase 2	Various	2019	2028	939,703	10,563	30,000
Property Management and Acquisition	Various	2001	2031	773,865	510,732	37,018
Prospect Macarthur Link Infrastructure	Prospect	2020	2024	578,000	170,429	176,100
Quakers Hill Wastewater Treatment Plant Renewal	Quakers Hill	2016	2022	380,940	352,624	37,368
Recycled Water Projects	Various	2014	2024	73,967	29,645	25,318
Richmond Water Recycling and Wastewater Treatment Plant Consolidation	Various	2019	2023	92,500	3,046	7,000
Sewage Overflow Abatement	Various	1995	2031	2,143,957	1,248,292	119,127
Sewer Network Reliability Upgrades	Various	1995	2031	3,064,464	1,562,545	136,662
Upper South Creek Advanced Water Recycling Centre	Various	2021	2025	1,239,000	26,426	80,000
Stormwater Asset Renewals	Various	2008	2031	560,864	147,228	42,334
Upgrade Reliability of Sewage Treatment Plants	Various	1995	2031	2,510,295	1,253,721	141,835
Vaucluse Diamond Bay Sewer Improvement	Vaucluse	2021	2025	86,000	3,989	14,000
Water Meter Replacement Program	Various	1995	2031	308,439	188,774	11,331
West Camden Wastewater Treatment Plant Upgrade Stage 3	Grasmere	2018	2024	219,981	7,950	120,000
Total, Works in Progress						1,562,353
Total, Major Works						1,587,909
Total, Sydney Water Corporation						1,587,909

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Water NSW

Major Works

New Works

Property Lease Renewal	Various	2021	2031	3,937		569
Upper Canal Replacement	Parramatta	2021	2031	15,402		4,422
Total, New Works						4,991

Works in Progress

Blue Mountains System Upgrade	Katoomba	2016	2022	9,926	8,694	1,232
Broken Hill Pipeline	Broken Hill	2017	2024	387,879	380,341	3,083
Burrendong Cold Water Pollution Control	Wellington	2012	2025	4,296	3,882	99
Catchments Upgrade	Various	1998	2031	30,243	8,841	4,615
General Upgrades	Various	1999	2031	928,042	349,086	45,257
Integrated Surveillance Monitoring, Automation and Remote Telemetry	Dubbo	2010	2031	21,863	18,524	553
Keepit Dam Upgrade	Keepit	1994	2022	124,594	121,278	3,316
Other Resilience Measure	Various	2019	2031	72,242	62,987	875
Warragamba Dam General Upgrade	Warragamba	1997	2031	148,529	12,065	371
Warragamba E-flows Construction	Warragamba	2018	2027	124,882	4,669	2,968
Warragamba Pipelines Upgrade	Warragamba	1998	2031	66,027	35,148	23,529
Water Security in the Border Rivers Region ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Water Security in the Lachlan Valley ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Water Security in the Peel Valley ^(a)	Various	n.a.	n.a.	n.a.	n.a.	n.a.
Total, Works in Progress						156,687

Total, Major Works **161,678**

Total, Minor Works **101,843**

Total, Water NSW **263,521**

(a) Dam funding is subject to completion of business cases and final investment decisions.

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Newcastle Port Corporation

Major Works

Works in Progress

Fire Fighting Capability Platforms	Barangaroo	2020	2023	n.a.	1,026	n.a.
Glebe Island - Multi-User Facility	Rozelle	2019	2022	n.a.	4,981	n.a.
Glebe Island - Utilities and Ancillary Items	Rozelle	2020	2022	n.a.	n.a.	n.a.
Overseas Passenger Terminal Berthing Infrastructure	The Rocks	2019	2022	n.a.	14,429	n.a.
Overseas Passenger Terminal Plant Replacement	The Rocks	n.a.	n.a.	n.a.	n.a.	n.a.
Total, Works in Progress						27,392
Total, Major Works						27,392
Total, Minor Works						14,440
Total, Newcastle Port Corporation						41,832

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

New South Wales Land and Housing Corporation

Major Works

New Works

Social Housing - Asset Improvement	Various	2021	2022	112,270		112,270
Social Housing - New Supply	Various	2021	2027	148,174		58,800
Total, New Works						171,070

Works in Progress

Social Housing - Asset Improvement	Various	2020	2022	160,000	70,000	90,000
Social Housing - New Supply	Various	2020	2031	1,325,414	173,692	444,470
Total, Works in Progress						534,470

Total, Major Works

705,540

Total, Minor Works

46,150

Total, New South Wales Land and Housing Corporation

751,690

Teacher Housing Authority of New South Wales

Major Works

New Works

New Houses to Meet Demand Growth	Various	2021	2023	3,800		2,500
Total, New Works						2,500

Works in Progress

New Houses to Meet Demand Growth	Various	2020	2022	3,070	1,020	2,050
Total, Works in Progress						2,050

Total, Major Works

4,550

Total, Teacher Housing Authority of New South Wales

4,550

Project Description	Location	Start	Complete	Estimated Total Cost	Est. Expend To 30-06-21	Allocation 2021-22
				\$000	\$000	\$000

Place Management NSW

Major Works

Works in Progress

Darling Harbour Public Domain Upgrade	Sydney	2012	2031	83,549	15,763	9,213
The Rocks Public Domain Upgrade	The Rocks	2012	2031	64,672	23,667	7,776
White Bay Power Station	Rozelle	2020	2022	14,043	1,500	12,543
Total, Works in Progress						29,532
Total, Major Works						29,532
Total, Place Management NSW						29,532

Sydney Opera House Trust

Major Works

New Works

Critical Upgrades to Sydney Opera House Sea Walls and Broadwalk Structures - Investigation and Design Phase	Sydney	2021	2023	3,930		1,905
Total, New Works						1,905
Works in Progress						
Security Systems Upgrade	Sydney	2018	2023	27,759	21,589	6,170
Sydney Opera House Stage 1 Renewal	Sydney	2017	2022	217,874	185,960	31,914
Total, Works in Progress						38,084
Total, Major Works						39,989
Total, Minor Works						22,008
Total, Sydney Opera House Trust						61,997

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Venues NSW

Major Works

Works in Progress

Sydney Football Stadium Associated Works ^(a)	Moore Park	2021	2022	92,455	28,596	63,859
Total, Works in Progress						63,859
Total, Major Works						63,859
Total, Minor Works						10,712
Total, Venues NSW						74,571

(a) Includes the Stadium Club and Sydney Football Stadium Fixtures, Furniture and Equipment

Forestry Corporation of New South Wales

Major Works

Works in Progress

Road & Bridges	Various	2019	2031	9,225	2,491	481
Total, Works in Progress						481
Total, Major Works						481
Total, Minor Works						12,007
Total, Forestry Corporation of New South Wales						12,488

The following agencies have a minor works program only

Landcom	4,050
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Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Waste Assets Management Corporation

Major Works

Works in Progress

Former Pasminco Smelter Site	Boolaroo	2019	2022	399	249	150
Upgrade Excavator, Motor Vehicle and Monitoring Equipment	Eastern Creek	2018	2025	774	119	180
Total, Works in Progress						330
Total, Major Works						330
Total, Waste Assets Management Corporation						330

Zoological Parks Board of New South Wales

Major Works

New Works

Taronga Zoo Infrastructure Upgrades	Mosman	2021	2024	81,300		22,800
Total, New Works						22,800

Works in Progress

NSW Centre for Wildlife Rescue, Conservation Medicine and Species Recovery at Taronga Zoo and Taronga Western Plains Zoo	Various	2020	2024	70,369	5,414	32,086
Taronga Western Plains Zoo Platypus Visitor and Education Facility	Dubbo	2020	2023	8,800	401	7,970
Taronga Zoo Commercial Buildings and Infrastructure Upgrade	Mosman	2019	2031	68,338	6,625	1,893
Visitor Experience - Taronga Western Plains Zoo	Dubbo	2014	2025	48,402	31,764	2,596
Visitor Experience - Taronga Zoo	Mosman	2014	2025	117,761	63,648	15,392
Total, Works in Progress						59,937
Total, Major Works						82,737
Total, Minor Works						2,500
Total, Zoological Parks Board of New South Wales						85,237

Project Description	Location	Start	Complete	Estimated	Est. Expend	Allocation
				Total Cost	To 30-06-21	2021-22
				\$000	\$000	\$000

Essential Energy

Major Works

Works in Progress

Casino to Urbenville Subtransmission Line	Boomi Creek	2018	2022	3,605	3,583	22
Cybersecurity	Port Macquarie	2019	2024	25,300	5,359	10,291
Electronic Key Access System - Depots	Various	2021	2030	2,503	2,162	37
Enterprise Asset Management	Port Macquarie	2020	2024	50,129	4,564	13,142
Enterprise Resource Planning	Port Macquarie	2019	2024	53,737	32,336	12,570
Menindee to Sunset Strip Small Pipeline and Pumping Station	Menindee	2019	2022	1,840	945	895
Overhead Mains Replacement Southern Region	Various	2017	2024	43,443	27,843	6,000
PowerOn Systems Upgrade	Various	2019	2022	10,003	9,104	899
Stephens Creek Reservoir Pipeline	Broken Hill	2019	2023	7,850	5,050	2,800
Tharbogang to Nericon Subtransmission Line	Tharbogang	2018	2023	1,939	39	200
Waste Water Treatment Plant Replacement	Broken Hill	2018	2024	23,130	230	900
Water Treatment Plant Works	Broken Hill	2018	2023	2,448	200	1,350
Total, Works in Progress						49,106
Total, Major Works						49,106
Total, Minor Works						548,544
Total, Essential Energy						597,650