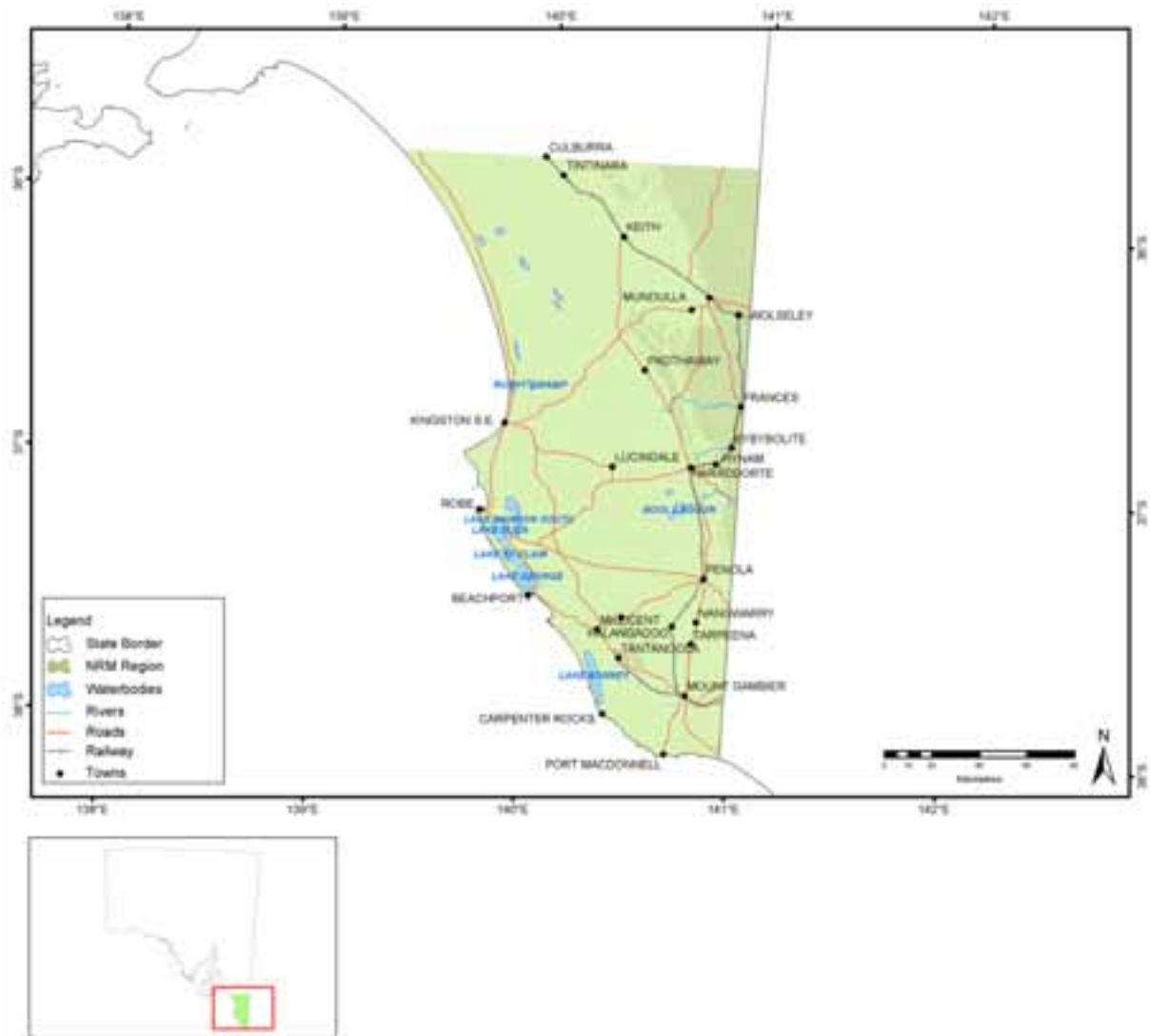


A5.8 SOUTH EAST

504



Administrative arrangements

Administrative Body: South East Natural Resource Consultative Committee

Trust region: South East

NAP region: South East

Investment summary

Table A5.8.1 Joint Government approved investments for South East*

Funding stream	2003-04 Approvals (\$)		Total Approvals to June 2004 (\$)	
	NAP	Trust	NAP	Trust
Foundation funding	294,312		860,112	
Priority action			43,601,100	1,102,000
Regional investment	1,248,880	435,625	1,248,880	435,625
Total	1,543,192	435,625	45,710,092	1,537,625

* Figures reflect Australian Government and State/Territory Government approvals for NAP and only Australian Government approvals for the Trust. State/Territory Government cash and in-kind funding for the Trust is not included.

Table A5.8.2 Reported expenditure for approved investments in South East

Funding stream	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Foundation funding	208,061		565,800		152,880		565,800	
Priority action	670,370	848,750	2,841,860	848,750	1,465,609	365,365	2,189,727	365,365
Total	878,431	848,750	3,407,660	848,750	1,618,489	365,365	2,755,527	365,365

Priority action investments

Expenditure

Table A5.8.3 Priority action funding having a major focus on matters for target in South East

Matter for target	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity			700,000		440,408		783,461	
Soil condition		56,250		56,250		41,880		41,880
Rivers and wetlands		148,500		148,500		93,000		93,000
Surface water salinity	655,370		2,011,860		985,103		1,336,168	
Native vegetation	15,000	371,250	130,000	371,250	40,098	128,485	70,098	128,485
Significant native species		212,750		212,750		62,000		62,000
Estuarine, coastal and marine		60,000		60,000		40,000		40,000
Total	670,370	848,750	2,841,860	848,750	1,465,609	365,365	2,189,727	365,365

Table A5.8.4 Priority action funding for types of activities in South East

Activity Type	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
	July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
	NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Resource assessment	50,000	144,750	500,000	144,750	250,000	20,500	500,000	20,500
Planning		112,500		112,500		75,000		75,000
Capacity building	620,370	284,000	1,641,860	284,000	775,201	178,880	906,266	178,880
On-ground activities		307,500	700,000	307,500	440,408	90,985	783,461	90,985
Total	670,370	848,750	2,841,860	848,750	1,465,609	365,365	2,189,727	365,365

Table A5.8.5 Priority action activities in South East

Matter for target	Activities	Budgeted Activity Expenditure (\$)				Reported Activity Expenditure (\$)			
		July 03 - March 04		Total to March 04		July 03 - March 04		Total to March 04	
		NAP	Trust	NAP	Trust	NAP	Trust	NAP	Trust
Land salinity	Salinity Fightback in the Upper South East Region			700,000		440,408		783,461	
Soil condition	Providing on going Landcare Support to the South East Community		56,250		56,250		41,880		41,880
Rivers and wetlands	Waterwatch South East Education and Community Monitoring		36,000		36,000		18,000		18,000
	Wetland Management and Restoration in the Lower South east		112,500		112,500		75,000		75,000
Surface water salinity	Padthaway: Salt Accession Investigations and Determination of Sustainable Extraction Limits (PAV)	50,000		500,000		250,000		500,000	
	Upper South East Community Support for Recharge Control (Devolved Grant Scheme)	605,370		1,511,860		735,103		836,168	
Native vegetation	Accelerating on ground works and building regional capacity for integrated natural resource endangerment in the lower South East of South Australia		262,500		262,500		60,985		60,985
	Fingers on the Pulse - Determining outcomes and justifying investment in natural resource management in the South East	15,000		130,000		40,098		70,098	
	Regional Biodiversity Support - SE		78,750		78,750		52,500		52,500

Native vegetation	Upper South East Grassy Ecosystems Officer		30,000		30,000		15,000		15,000
Significant native species	Continuing the long term protection and management of private covenant lands (Heritage Agreements in the South East		45,000		45,000		30,000		30,000
	Implementation of the South Eastern Red Tailed Black Cockatoo Recovery Plan		23,000		23,000		11,500		11,500
	Threatened Species and Habitat Recovery in the South East Threatened Orchids and Orange Bellied Parrot		144,750		144,750		20,500		20,500
Estuarine, coastal and marine	Coast and Marine Management support in the south East		60,000		60,000		40,000		40,000
Total		670,370	848,750	2,841,860	848,750	1,465,609	365,365	2,189,727	365,365

Achievements

Table A5.8.6 Outputs related to priority actions having a major focus on matters for target in South East

Standard output	Land salinity		Soil condition		Rivers and wetlands		Nutrients in aquatic environments		Turbidity in aquatic environments		Surface water salinity		Native vegetation		Significant native species		Significant invasive species		Estuarine, coastal and marine		Other supporting activities	
	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total	03-04	Total
Resource assessment																						
Baseline, trend or condition studies for targets																						
Number of studies	0	1									4	4										
Number of sites monitored					441	441					154	154			40	40				2	2	
Decision support tools																						
Number of models developed											1	1										
Number of information management systems developed															7	7						
Investigations (survey, inventory and mapping and data analysis)																						
Number of vegetation studies											6	6										
Area (hectares) surveyed by vegetation studies											42	42										
Number of species studies															5	5						
Area (hectares) surveyed by species studies															26,006	26,006						
Number of surface water / inland aquatic studies					1	1																
Research and development studies																						
Number of research and development studies undertaken											4	4			1	1						
Planning																						
Improved practice codes or guidelines																						
Number of best management practice guidelines developed					1	1									1	1				1	1	
Species recovery plans and action statements																						
Number of endangered species recovery plans developed															10	10						
Number of endangered species action statements developed															2	2						
Capacity building																						
Awareness raising activities																						
Number of field days			1	1							9	10	2	2	6	6				1	1	
Number of participants at field days in person-days			30	30							54	54			223	223				20	20	
Number of other non-training forums											5	5	19	19	46	46				23	23	
Number of participants at other non-training forums in person-days											38	38	19	19	301	301				89	89	
Number of brochures developed															2	2						
Number of newsletters developed			4	4	2	2					3	3	2	2	3	3						
Quantity of newsletters distributed			19,500	19,500							9,000	9,000	150	150								

Significant pest plant control												
Area (hectares) of pest plant control											400	400
Soil management												
Area (hectares) of soil treatment for other than erosion, salinity or acid sulfate soils											3,143	8,706

Regional investment summary

Plan accredited by Ministers: January 2004

Investment strategy approved by Ministers: January 2004

Targets for South East

Table A5.8.7 Resource condition targets related to regional investment in South East

Matter for Target	Resource condition target
Land salinity	Current and predicted trends in the salinity of groundwater in the unconfined aquifer used for productive purposes remain within acceptable levels by 2011 and beyond
	Predicted rate of increase in salinity across all other salinity affected areas in the upper South East reduced by 50% by 2020
	Area of saline land to be reduced by 30% within the drained area of the Upper South East by 2010
Rivers and wetlands	Continue protection and maintenance of the ecological values of Ramsar and World Heritage areas in the South East until 2006 and beyond
	Restore 1000 ha of wetland habitat by 2008
	No net adverse impacts on the receiving land or water resource from waste water reuse or disposal by 2020 compared to 2002 standards
	Maintain or improve groundwater quality within beneficial use categories by 2020 and beyond
	Current and predicted trends in the salinity of groundwater in the unconfined aquifer used for productive purposes remain within acceptable levels by 2011 and beyond
Turbidity in aquatic environments	The condition of 30 priority areas of remnant vegetation of threatened ecosystems, vegetation associations and important wetlands improved by 2010
	Maintain the water quality in the Blue Lake at the 2002 beneficial use category
	Sustainable groundwater use in the Blue Lake Capture Zone achieved by 2020
	Achieve sustainable groundwater use by 2020 and beyond
Native vegetation	Maintain the quality of urban water supplies at standards defined by the Water Quality EPP until 2020 and beyond
	Maintain or increase existing populations of currently occurring species indigenous to the South East by 2015
	Improved representation of vegetation type age structures in fire dependent ecosystems within Protected Areas and large remnants on private land by 2015
	Net gain in extent and condition of indigenous vegetation in the South East by 2015
Significant native species	The condition of 30 priority areas of remnant vegetation of threatened ecosystems, vegetation associations and important wetlands improved by 2010
	Maintain or increase existing populations of currently occurring species indigenous to the South East by 2015
	Net gain in extent and condition of indigenous vegetation in the South East by 2015
Significant invasive species	The condition of 30 priority areas of remnant vegetation of threatened ecosystems, vegetation associations and important wetlands improved by 2010
Estuarine, coastal and marine	Current and predicted trends in the salinity of groundwater in the unconfined aquifer used for productive purposes remain within acceptable levels by 2011 and beyond
	Area of saline land to be reduced by 30% within the drained area of the Upper South East by 2010
	Maintain and improve the condition of the marine and coastal resources until 2020 and beyond

Management action targets

Table A5.8.8 Management action targets related to regional investment in South East

Matter for Target	Management action target
Land salinity	Establish benchmark irrigation practices to enable management of risk to groundwater resources to within acceptable limits by 2008
	Underground water is managed within its capability in two priority areas (Padthaway and Keith) by 2008
	Quantify the salt accession rate and determine high risk areas by 2008
Rivers and wetlands	Improvement in the experience, knowledge and support of visitors to Ramsar wetlands through high quality education, presentation and facilities by 2005
	At least 50% of agriculturally generated effluent managed in a manner that meets industry standards by 2005
	Inclusion of at least 2 priority wetlands in the NPW Act reserve system by 2006
	Nominate two wetlands for inclusion on the List of Wetlands of International Importance for management under the Ramsar framework by 2006
	Restore the hydrology of 3 drained swamps in the lower South East by 2008
	Identify at least 2 practices that may have had an adverse impact on the receiving land or water resource from waste water reuse or disposal and implement a water reuse program by 2008
	Identify risks and develop a strategy to minimise the contamination to the unconfined aquifer from the waste stream of industrial enterprises, wastewater and stormwater disposal, and agricultural practices by 2007
	Develop and implement a plan for capacity building to support planning and action on priority natural resource management issues by December 2005
	Develop education and interpretation programs to increase engagement of students, land managers and the public in biodiversity programs by 2007
	Assess groundwater sensitive wetlands to develop and adopt strategies for protection by 2006
Turbidity in aquatic environments	Develop and implement a plan for capacity building to support planning and action on priority natural resource management issues by December 2005
	Define the risks to the quality and quantity of water supplies to at least 5 towns in the region from the groundwater and land-use management regimes by 2006
	Complete the water balance assessments in the Blue Lake Capture Zone by 2004
	Implement an appropriate groundwater management regime within the BLCZ within the five years following the definition of an acceptable water level range
	Define an acceptable water level range in the Blue Lake resulting from licensed extractions by 2006
Native vegetation	Improve the viability of at least 2 priority large remnant areas consistent with the SE Biodiversity plan through establishment of strategic vegetation linkages and corridors by 2005
	Assessment system developed and implemented to enable the classification, monitoring and evaluation of the condition of regional ecosystems by 2004, so that natural resource condition targets can be established and adopted
	Establishment, mapping and documentation of Regional Ecological Units and Regional Ecosystems and data sets as a sub-set of IBRA to assist target setting and reporting on biodiversity targets by 2004
	Maintain and enhance the condition of native vegetation protected in 10 Heritage Agreement Areas by 2006
	Identify road, rail and drainage reserves for management as habitat or strategic vegetation linkages and establish by 2006
	Investigate additional priority areas by 2005 for planting of vegetation corridors to link isolated remnants
	Prepare and implement local action plans for priority species and ecological communities based on their regional status and level of endemism by 2008
Management plans prepared and implemented for Protected Areas in the region by 2010	

Significant native species	Recovery plans for all nationally threatened species and ecological communities occurring in the region developed and implemented by 2008
	Surveys conducted and monitoring established to determine priority fauna and plant species and communities to guide future conservation efforts by 2006
	100 ha of revegetation for buffering priority remnant vegetation established by 2008
	Prepare and implement local action plans for priority species and ecological communities based on their regional status and level of endemism by 2008
Significant invasive species	Determine the current distribution of the region's 15 most significant agricultural pest plants and animals by 2004
	95% of land managers undertaking pest plant and pest animal management activities on their properties by 2010 to decrease the impact of pest plants and animals on agricultural production and the environment
	Determine the current distribution of the region's 10 most significant environmental pest plants and animals by 2004
	Determine 10 pest plants and animals with the greatest adverse impact on the natural environment by 2004
	Determine 15 pest plants and animals with the greatest adverse impact on agricultural production by 2004
	Establish benchmark irrigation practices to enable management of risk to groundwater resources to within acceptable limits by 2008
	Underground water is managed within its capability in two priority areas (Padthaway and Keith) by 2008
Estuarine, coastal and marine	Determine priorities and establish coastal conservation areas by 2008
	Protect at least 2 sites of cultural significance by 2007
	Assess and classify the conservation importance of coastal Crown Land by 2006
	Determine pest plants and animals that threaten coastal and marine biodiversity, and their current distribution by 2005. This information will be incorporated into regional pest plant and animal strategies by 2006
	Implement coastal management and conservation plans by 2008
Other supporting activities	Identify at least 2 practices that may have had an adverse impact on the receiving land or water resource from waste water reuse or disposal and implement a water reuse program by 2008
	At least 50% of agriculturally generated effluent managed in a manner that meets industry standards by 2005
	Identify risks and develop a strategy to minimise the contamination to the unconfined aquifer from the waste stream of industrial enterprises, wastewater and stormwater disposal, and agricultural practices by 2007