

# State NRM Program Progress Report 2012/13

Supporting natural resource management in Western Australia



**STATE NRM OFFICE**  
Natural Resource Management in Western Australia

# Inspiring future landcarers

*John Tonkin College in Mandurah received a community grant of \$10 000 to provide habitat for an endangered microbat population endemic to the area (project code 12093).*

*Originally developed for students completing their Duke of Edinburgh Award, this project has expanded to involve students from the school's parental and community engagement program, targeting at-risk children who have opted out of school.*

*Students built 10 bat boxes under the supervision of local microbat expert Joe Tonga. These were placed in remnant bush on the school grounds where students used GPS equipment to locate and map their position. Boxes were inspected for the first time on 2 July 2013 and one had nine Gould's wattle microbats in residence.*

*"The interest and excitement of students when they saw bats in the boxes they made was priceless," said Barbara Morrell, State NRM programs manager. "This, along with the practical and theoretical skills learnt, as is a positive step towards re-entry into the education system and a good regard for the environment."*

COVER PHOTO COURTESY COMMUNITY NEWSPAPER GROUP, OTHERS COURTESY BARBARA MORRELL, STATE NRM OFFICE.

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## Foreword

Western Australia has some of the world's most remarkable natural landscapes, waterways and marine environments. These environments support a diverse range of flora and fauna, much of which is found nowhere else in the world. Our natural resources also provide economic and recreational opportunities and support industries such as agriculture, fisheries and forestry.

The Western Australian Government is committed to managing our natural resources in a responsible way and invests heavily in natural resource management (NRM). Most of this investment is through the activities of agencies such as the departments of Agriculture and Food, Fisheries, Parks and Wildlife and Water. This investment is critical to supporting the work of community groups whose volunteers play such a tremendous role in protecting and enhancing the State's unique natural resources and biodiversity.

During the past year, the Western Australian Government has committed \$18.6 million to 110 new projects through the State NRM Program. This includes conservation and restoration work across coastal and marine, agricultural, pastoral and urban, river and estuarine, natural bush and wildlife sanctuary environments. The new projects will help protect more than 170 threatened plant and animal species.

Since the inception of the State NRM program in 2009, the Western Australian Government has committed more than \$64 million to natural resource management.

This funding continues to build the capacity of community groups and organisations, and in partnerships with universities, local governments and state government agencies, plays a vital role in ensuring Western Australia's natural resources are enhanced and protected into the future.



Ken Baston

Minister for Agriculture and Food

Lead Minister for Natural Resource Management

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## Snapshot

**\$18.6 million** committed to **90** new community-based projects and 20 new strategic priority projects.

Proponents pledged a further **\$17 million** towards the delivery of activities

New projects will deliver more than **2.3 million** hectares feral animal control, **86 800 hectares** weed control, **150 700 hectares** plant disease control, **800 hectares** revegetation, **170 km** fencing, **90** management plans and tools, **70** investigative surveys and **380** training sessions and events. The new projects will help protect over **170** threatened plant and animal species

**\$11.9 million** worth of community and strategic priority projects finalised. Proponents committed a further **\$6.8 million** towards project delivery

Finalised projects engaged over **3900** volunteers and delivered more than **338 500** hectares feral animal control, **123 500** hectares weed control, **590** hectares dieback management, **360** hectares revegetation, **360** km fencing, **90** management plans, tools and reports, **100** investigative surveys, **120** training sessions and events, and protection to **13** threatened animal species

**72** projects valued at **\$8.8 million** funded in previous years continued to be active in 2012/13

**\$1.5 million** provided to the state's six regional NRM groups; **74%** of funds used for capacity-building initiatives, including the provision of training, technical advice, assistance with funding applications and access to financial support

**119** community grant applications and **77** strategic priority grant applications valued at **\$60 million** assessed by State NRM Office. Contracts negotiated for **110** new projects; **55** existing projects audited to check compliance with funding agreements

## Program summary

The Western Australian Government has committed over **\$64 million** to the State NRM Program to support community participation in natural resource management (NRM) since its inception in 2009.



Over 180 community groups and organisations, industry groups, local governments, schools and state agencies throughout Western Australia (WA) have achieved impressive results in their local environments with this support, and contributed at least \$34 million in their own funds and effort.

Coastal and marine; agricultural, pastoral and urban; river and estuarine; natural bush; and wildlife sanctuary environments have been conserved and restored through the on-ground, capacity building and planning activities funded.

In 2012/13, the program provided grants valued at \$18.6 million, supporting 90 new community-based projects and 20 larger strategic priority projects. The program also supported existing projects valued at \$20.7 million, 76 of which were completed during the year. The State NRM Office (\$700 000) and the state's six regional NRM groups (\$1.5 million) were responsible for managing and administering the program.

Royal Hakea (*Hakea victoria*).

PHOTO COURTESY FITZGERALD BIOSPHERE GROUP.

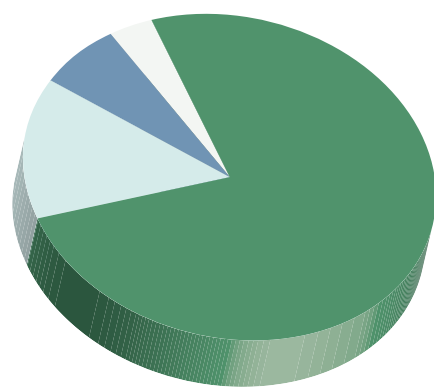
## Guide to this report

This report:

- lists all projects active during 2012/13 (see pages 33-42).
- provides information on who applied for grants in 2012/13, the distribution of successful grants throughout WA and how this money will be spent
- summarises achievements of projects that came to completion in 2012/13
- details funding allocations to the State NRM Office and the state's six regional NRM groups
- lists the source and application of program funds, and amounts returned and uncommitted to be carried forward to the next financial year
- provides project codes allowing fast access to more information online [nrm.wa.gov.au](http://nrm.wa.gov.au)

## Program spending 2012/13

A sum of **\$21 million** was committed through the State NRM Program in 2012/13 for spending on community grants, strategic priority projects, regional NRM group support and program management through the State NRM Office.



- 2012–13 strategic grants  
\$15.7 million (75.5%)
- 2012–13 community grants  
\$2.9 million (14%)
- Support for regional NRM groups  
\$1.5 million (7%)
- State NRM Office  
\$700 000 (3.5%)

### Community grants

Community grants provide funding for on-ground works as well as planning, training and resource assessment activities that help to conserve, restore, rehabilitate or enhance a local natural area or to conserve biodiversity. Schools, industry groups, not-for-profit organisations, local governments and environmental action groups in regional and metropolitan areas are eligible.

In 2012/13, up to \$3 million was made available for community grants of between \$10 000 and \$50 000 each. Of the 119 grant applications received, funding was committed to 90 projects valued at \$2.9 million.

### Strategic priority grants

Strategic priority project grants are for larger scale projects that address a particular set of priorities for managing natural resources. This funding is made available to a broad range of government and non-government organisations. Projects can run for multiple years and funding is disbursed through

organisations with the capacity to run larger, multi-year projects. In 2012/13, \$15.7 million was committed to 20 strategic priority projects.

### Support for regional NRM groups

Each of the six regional groups in WA received \$250 000 in 2012/13 to support their role in improving the effectiveness of NRM delivery and on-ground actions. At least \$150 000 of this was used by each group to build the capacity and capability of smaller community-based NRM groups in their region.

### State NRM Office

The State NRM Office administers the WA program. Apart from managing the funding processes, the Office provides support and independent advice to NRM ministers through the Minister for Agriculture and Food. The Office is also responsible for supporting state NRM planning and development, establishing and maintaining partnerships with key stakeholders, and managing specialist state NRM projects and initiatives.



Mundaring Primary School received a grant of \$23 750 to restore natural habitat within Noblewood Reserve (project code 12122). Students built habitat boxes for mardo (a small carnivorous marsupial) and nesting boxes for black cockatoos and other local bird and bat species. They also revegetated the reserve to provide food and shelter for wildlife. Events to monitor inhabitants of the reserve were a hit with students and parents alike.

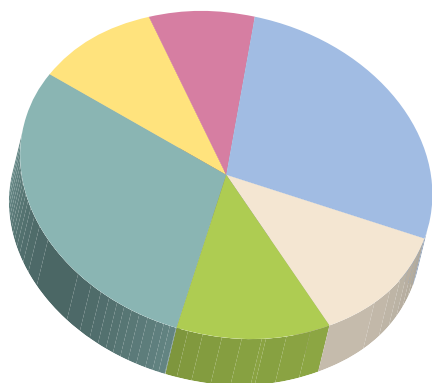
*“More than 200 people will be attending our first night-spotting event,” said Julie-Anne Ellis, a teacher at the school.* PHOTO COURTESY SIMON CHERRIMAN.

*“This tremendous response demonstrates the enormous value community places in such important environmental initiatives. It also shows the way the natural resource management grant can enable community partnerships.”*

## 2012/13 community projects

In 2012/13, **\$2.9 million** was committed to 90 community-based projects. Proponents pledged a further **\$4.2 million** towards the delivery of project activities. This equates to a combined commitment of over **\$7 million** – almost two and a half times the initial investment by government.

### Where did the money go?



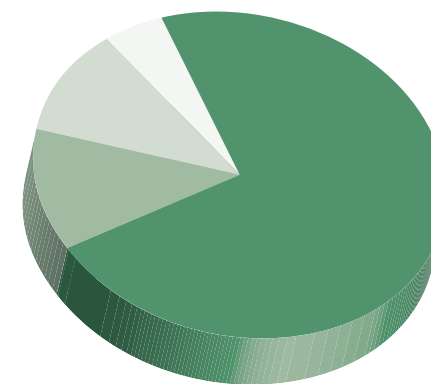
- Northern Agricultural \$244 293 (7 projects)
- Perth \$789 746 (26 projects)
- Rangelands \$354 940 (11 projects)
- South Coast \$355 440 (11 projects)
- South-West \$863 546 (22 projects)
- Wheatbelt \$297 655 (11 projects)

### Who applied?

One hundred and nineteen (119) applications valued at \$4.4 million were received. Of these, 92 were assessed as being value for money in effectively delivering on-ground outcomes for the benefit of the natural environment. These projects were offered funding, and 90 applicants chose to accept.

Project proponents are 61 community groups, 22 local government authorities, 3 university organisations, 2 schools and 2 Aboriginal corporations.

### How will the money be spent?



- On-ground activities 72%
- Resource assessment 12%
- Capacity building 11%
- Planning 5%

Most of this money (72%) will be spent implementing on-ground actions, including:

- installation of 150km of fences to protect remnant vegetation, waterways and revegetated areas; and to protect wildlife from feral predators
- revegetation of 800ha of cleared agricultural land and degraded river banks, wetlands and bush remnants
- removal of weeds from 30 750ha of native bushland and waterways
- management of dieback on 700ha
- management and control of feral animals on 1.2 million hectares.



Eleven (11) projects have a strong focus on resource assessment, with plans to:

- audit large-scale fertiliser users in Geographe Bay (PROJECT CODE 12126)
- monitor pollutants in the Helena River (PROJECT CODE 12109)
- assess remnant vegetation condition in the Warren River catchment (PROJECT CODE 12108)
- assess and map dieback in Kwinana and Kalamunda (PROJECT CODES 12062, 12101)
- survey Aboriginal medicine tree *B. acutangula* along the Fitzroy River (PROJECT CODE 12098)
- monitor microbats in nest boxes in Mandurah (PROJECT CODE 12093)
- survey freshwater fauna in the Yule Brook and Bickley Reservoir (PROJECT CODE 12079)
- photograph and film freshwater fish in the Pilbara (PROJECT CODE 12076)
- survey red-tailed phascogale (small carnivorous marsupial) in the Hyden district (PROJECT CODE 12058)
- map weeds along the Chapman River (PROJECT CODE 12050).

Capacity building is a large component of five projects that will undertake activities such as:

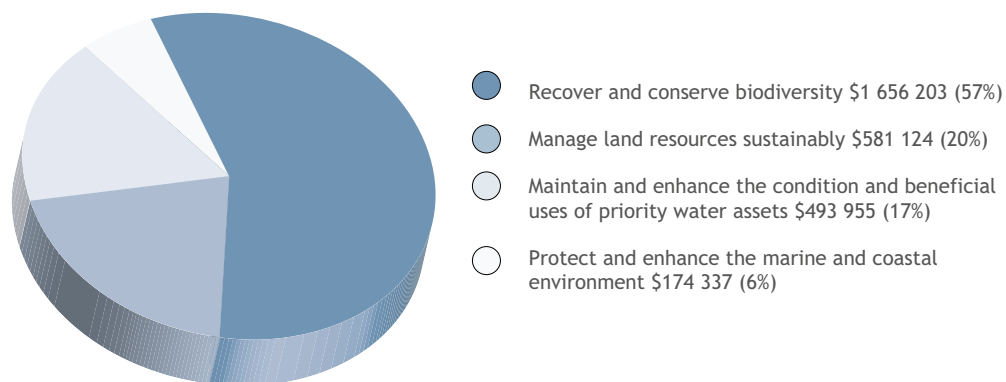
- forming a friends-of group for Jam Reserve in Lake Grace (PROJECT CODE 12055)
- training landholders to recognise feral pig damage and build pig traps (PROJECT CODE 12077)
- teaching students how to build and monitor bat boxes (PROJECT CODE 12093)
- running workshops and seminars on best-practice fertiliser use (PROJECT CODE 12126)
- inspiring young farmers at a two-day productive saline pasture forum (PROJECT CODE 12128).

Planning forms a small part of 34 projects but a significant part of just one (project code 12097). This project will develop photo identification software for individual recognition of endangered Australian sea lions. Photos taken by community members during ecotourism activities will be used to identify individual sea lions by their whisker spot patterns. This non-invasive technique for identifying individuals could potentially be applied to other species in the future.

Scarlet banksia (*Banksia coccinea*).

PHOTO COURTESY FITZGERALD BIOSPHERE GROUP.

## Spending according to investment priority



### Biodiversity conservation

Eighty-five per cent (85%) of projects identified their activities as contributing towards biodiversity conservation. A correspondingly high proportion (57% or \$1.7m) of funds were allocated to this priority.

One plant and 65 animal species will benefit directly from these projects. Species include black-flanked rock-wallaby, brush wallaby, burrowing bettong, bush stone-curlew, greater stick-nest rat, malleefowl, microbat, numbat, oblong tortoise, red-tailed phascogale, quenda, quokka, tammar wallaby, western barred bandicoot, woylie and numerous shorebirds.

Biodiversity will be protected by:

- upgrading predator-proof fences around wildlife sanctuaries

- removing weeds that out-compete native plants and reduce fauna habitat
- controlling feral animals that prey on native species and degrade land and waterways
- revegetating cleared and degraded areas
- surveying for endangered species to plan for their conservation
- monitoring and controlling dieback in remnant bushland
- developing a phone application (app) for identifying marri canker in bushland
- implementing a biodiversity stewardship program to provide landowners with incentives and support to manage natural areas for conservation

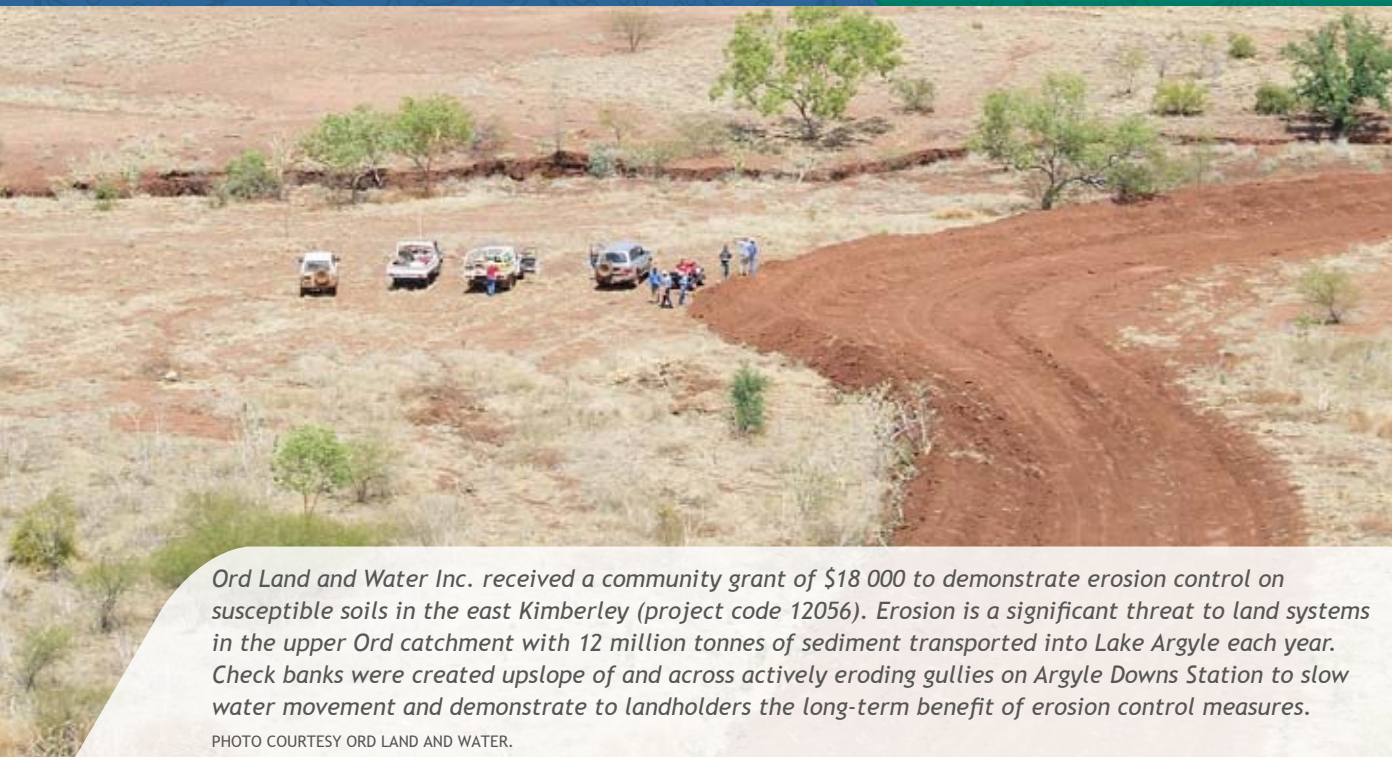
- training local government staff and community members to identify weeds and disease, and to undertake environmental monitoring and works
- developing photo-identification software for individual recognition of endangered Australian sea lions
- raising community awareness and appreciation of natural environments and species through interpretative (educational) signs, information events, tours, brochures and media articles.

### Managing land resources

Thirty-seven (37) projects identified their activities as contributing towards the sustainable management of land resources and \$580 000 was allocated to this priority.

Activities of these projects will include:

- installation of walk trails, interpretative signs, visitor seating and toilet facilities to manage human impact on vegetation and sensitive sites
- construction of water control banks; revegetation; and control of feral rabbits, pigs and invasive weeds to manage soil erosion
- establishment of salt-tolerant species in salt-affected areas
- protection of remnant vegetation through condition assessment and protection from dieback



*Ord Land and Water Inc. received a community grant of \$18 000 to demonstrate erosion control on susceptible soils in the east Kimberley (project code 12056). Erosion is a significant threat to land systems in the upper Ord catchment with 12 million tonnes of sediment transported into Lake Argyle each year. Check banks were created upslope of and across actively eroding gullies on Argyle Downs Station to slow water movement and demonstrate to landholders the long-term benefit of erosion control measures.*

PHOTO COURTESY ORD LAND AND WATER.

- education and mentoring of private landholders to encourage uptake of environmental works and best-practice management techniques
- development of sustainable wild harvest protocols for Aboriginal medicine tree (*B. acutangula*).

### **Maintaining and enhancing water assets**

Thirty-eight (38) projects identified their activities as contributing towards maintaining and enhancing water assets. Over \$490 000 was allocated to this priority.

Activities of these projects will include:

- controlling weeds, revegetating and fencing along river banks and in wetlands
- monitoring water quality and investigating catchment hydraulics
- developing river action plans
- surveying and documenting freshwater fauna species
- establishing friends-of groups
- installing off-stream watering points
- running workshops and seminars on best-practice fertiliser use for urban and rural fertiliser users.

### **Coastal and marine environments**

Eleven (11) projects identified their activities as contributing to the protection and enhancement of marine and coastal environments. About \$175 000 was allocated to this priority.

Activities of these projects will include:

- weed removal and revegetation of dune systems and estuary banks
- audits and education of businesses contributing pollutants to marine environments
- workshops and seminars aimed at reducing fertiliser pollution entering waterways from urban, semi-rural and rural areas
- stabilisation of 4WD tracks, trail upgrades and installation of signs and infrastructure to manage the impact of visitors
- restoration of the Twertup field studies centre in Fitzgerald River National Park
- promotion of responsible and sustainable use of coastal areas to community members.

# Case study

Ngalang Boodja Council Aboriginal Corporation received a community grant of \$40 500 to restore and protect the unique and fragile environment around a spring at Jack Mears Park in Collie (project code 12080). Weed control, revegetation, the creation of a walkway and erection of a welcoming sign were the focus.

An unexpected outcome of the project was the creation of strong and beneficial partnerships:

- Collie Community Garden group provided training for local Noongar people in the propagation of local provenance seedlings. These were used in revegetation work.
- Department of Corrective Services' "Repay WA" program provided teams of workers to weed, collect seed and revegetate the site. Their help was invaluable and participating prisoners enjoyed learning about native plants and Aboriginal culture.
- Shire of Collie and Department of Water helped to plan and implement the project, and provided valuable support to the Noongar work team.



*Left: Community garden volunteers demonstrating propagation techniques.*

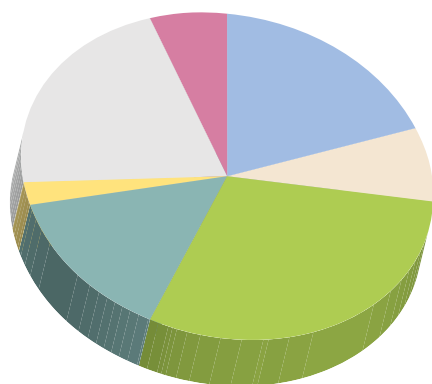
*Above right: Collecting Juncus pallidus (pale rush) seed at Ngalang Boodja aquafarm for revegetation works. PHOTO COURTESY NGALANG BOODJA COUNCIL ABORIGINAL CORPORATION.*

## 2012/13 strategic priority projects

In 2012/13, **\$15.7 million** was committed to 20 strategic priority projects.

Proponents pledged a further **\$12.6 million** towards the delivery of project activities.

### Where did the money go?



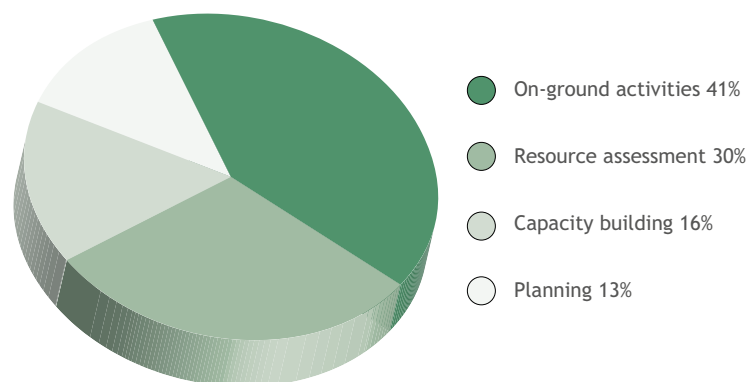
- Northern Agricultural \$980 000 (3 projects)
- Perth \$2 850 000 (3 projects)
- Rangelands \$1 145 000 (2 projects)
- South Coast \$4 770 000 (4 projects)
- South-West \$2 250 000 (3 projects)
- Wheatbelt \$350 000 (1 project)
- Statewide \$3 310 000 (4 projects)

### Who applied?

Twenty-seven (27) applications valued at \$55.6 million were received. Of these, 21 were assessed as being value for money in effectively delivering on-ground outcomes for the benefit of the natural environment. These projects were offered funding and 20 applicants chose to accept.

Project proponents are the departments of Agriculture and Food; Parks and Wildlife; Fisheries; and Water, as well as the Swan River Trust, State NRM Office and regional groups.

### How will the money be spent?



Forty-one per cent (41%) of this money will be spent implementing on-ground actions, including:

- installation of 15km of fences to protect waterways, critically endangered flora and the habitat of the endangered western swamp tortoise
- revegetation of 18ha of degraded river banks and wetlands
- removal of weeds such as rubber vine, Watsonia and tambookie grass from 500 000ha of waterways and wetlands
- management and treatment of dieback on 150 000ha
- control of feral animals on 1.1 million hectares, including 750 000ha of starling (feral bird species) surveillance and eradication, and baiting and collaring of cats in 300 000ha of south coast national park.

Thirty per cent (30%) of the money will be spent on resource assessment where projects will:

- produce whole-farm nutrient maps for 200 farms (PROJECT CODE 12020)
- monitor water quality in the Geographe catchment and macrophytes (aquatic flora) in the Vasse-Wonnerup wetlands (PROJECT CODE 12021)

- monitor nutrients in subcatchment outlets of the Swan-Canning river system (PROJECT CODE 12023)
- support the uptake of a self-assessment and reporting by pastoral managers in the central rangelands (PROJECT CODE 12029)
- survey potential release sites for the endangered western ground parrot (PROJECT CODE 12032)
- monitor western swamp tortoise populations and survey food sources, water levels and water quality within their habitat (PROJECT CODE 12033)
- determine the status of key demersal scalefish (species that live on or near the seabed) on the south coast and develop a monitoring and assessment framework for other species in the region (PROJECT CODE 12034).

Capacity building is a large component of eight projects that will undertake activities, including:

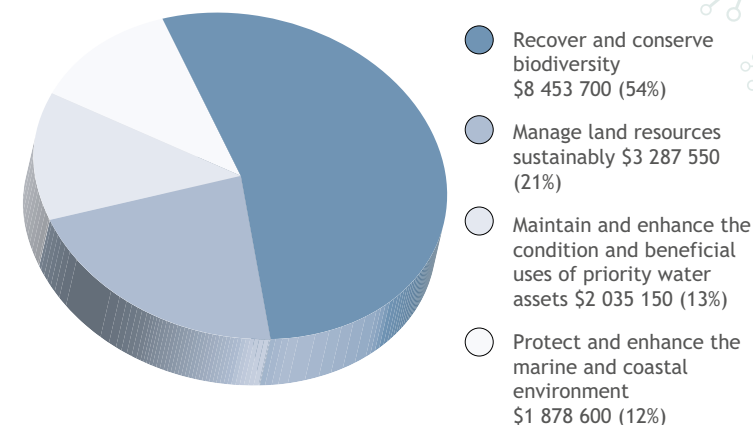
- training staff in the fertiliser industry in best-practice fertiliser supply, advice and contract application to promote productivity while protecting the environment (PROJECT CODE 12020)
- delivering workshops on sustainable gardens, property planning and turf management to improve fertiliser application practices across Swan-Canning catchment (PROJECT CODE 12023)

- running community events to increase participation in feral animal control (PROJECT CODE 12027)
- supporting the uptake of a self-assessment and reporting tool to educate pastoralists on critical components that drive rangeland ecology, productivity and condition (PROJECT CODE 12029)
- developing a predictive model to accurately determine the feasibility of starling eradication (project code 12025)
- training local government staff in the use of an online environmental planning tool (PROJECT CODE 12038).

Planning forms a significant component of four projects that will undertake activities such as:

- providing a plan for the development of an ecological link between Lesueur National Park and the Shark Bay World Heritage Area, and a prospectus to attract and guide investment (PROJECT CODE 12036)
- developing an online environmental planning tool to assist local governments with biodiversity conservation (PROJECT CODE 12038)
- developing a framework for Aboriginal engagement in NRM across regional WA (PROJECT CODE 12039).

## Spending according to investment priority



## Biodiversity conservation

Seventy-five per cent (75%) of projects identified their activities as contributing towards biodiversity conservation. A correspondingly high proportion (54% or \$8.5m) of funds were allocated to this priority.

Ninety-eight (98) plant and eight animal species will benefit directly from these projects. Species include dibbler, black-flanked rock-wallaby, dunnart, western ground parrot, western swamp tortoise, Balston's pygmy perch, trout minnow and Little Pygmy Perch.

Biodiversity will be protected through:

- control of feral animals, weeds and disease

- restoration of habitats through revegetation
- fences to control visitor access and grazing
- surveying native wildlife populations and developing management plans
- planting new populations of critically endangered flora species.

### Managing land resources

Seven (7) projects identified their activities as contributing towards the sustainable management of land resources. About \$3.3 million was allocated to this priority.

Activities of these projects will include:

- developing a range of standards, tools and protocols to facilitate the uptake of whole-farm nutrient mapping as a standard business practice in grazing industries
- surveying and controlling rubber vine over 125 000ha along the lower Fitzroy River and lower Lake Argyle catchment in the Kimberley, and developing eradication plans
- surveying and eradicating starlings from 750 000ha along a 150km strip of the south coast
- analysing the economics of threats and opportunities of carbon farming on saline lands

- supporting the uptake of a self-assessment and reporting tool aimed at improving rangeland ecology, productivity and condition
- developing a plan and investment prospectus for an extensive ecological link between Lesueur National Park and the Shark Bay World Heritage Area
- supporting the WA Aboriginal NRM network to increase Aboriginal participation in NRM throughout regional WA.

### Maintaining and enhancing water assets

Seven projects (7) identified their activities as contributing towards maintaining and enhancing water assets. Over \$2 million was allocated to this priority.

Activities of these projects will include:

- offering workshops, seminars and training to increase understanding and uptake of practices that minimise pollution entering waterways
- developing environmental guidelines for establishing and maintaining turf areas
- upgrading stormwater systems and creating wetlands to filter rubbish and pollutants
- revegetating river banks
- controlling invasive weed species and feral pigs.

### Coastal and marine environments

Three (3) projects identified their activities as contributing to protecting and enhancing marine and coastal environments. About \$1.9 million was allocated to this priority.

Activities of these projects will include:

- stormwater retrofitting to reduce nutrients from urban areas entering Geographe Bay
- determining the stock status of key indicator demersal scalefish species along the south coast to identify potential impacts of the network of south-west marine reserves
- developing a monitoring and assessment framework for demersal scalefish on the south coast.

## Case study

The Western Australian Local Government Association (WALGA) received a grant of \$500 000 to increase the capacity of local governments to effectively use land-use planning tools to conserve priority natural areas in the south-west (project code 12038).

Local governments experiencing development pressures are the priority and will receive technical assistance with the preparation of biodiversity strategies to safeguard natural areas.

Project activities include upgrades to the Local Biodiversity Program's online environmental planning tool available on the WALGA website.

*Participants at a training session learn the key characteristics of vegetation within jarrah forests.*

PHOTO COURTESY OF THE LOCAL BIODIVERSITY PROGRAM.

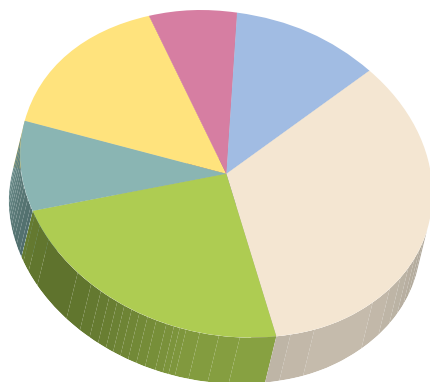


## Achievements of community projects finalised in 2012/13

Sixty-eight (68) community projects valued at **\$3.5 million** reached completion.

Proponents of these projects contributed a further **\$4.7 million** towards the delivery of project activities and engaged over **2680** volunteers.

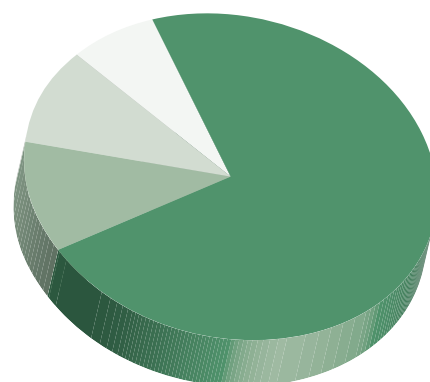
### Where did the money go?



- Northern Agricultural \$244 352 (6 projects)
- Perth \$404 787 (15 projects)
- Rangelands \$1 194 996 (12 projects)
- South Coast \$820 627 (16 projects)
- South-West \$307 470 (12 projects)
- Wheatbelt \$544 019 (7 projects)

Project proponents were 15 local government authorities; 11 small environmental groups; 7 catchment groups; 5 community groups; 4 Land Conservation District Committees (LCDCs); 5 Aboriginal organisations; 3 friends-of groups; 2 universities; 2 larger environmental organisations; 2 regional organisations; and 1 grower group.

### How was the money spent?



- On-ground activities 72%
- Capacity building 11%
- Resource assessment 10%
- Planning 7%

Most of this money (72%) was spent implementing on-ground activities, including:

- installation of 175km of fences to protect remnant vegetation, wetlands, waterways and revegetated areas; and to protect native fauna from feral predators
- revegetation of 180ha of cleared agricultural land and degraded river banks, wetlands, bush remnants and coastal environments
- removal of weeds from 123 000ha of native bushland, wetlands, waterways and coastal environments
- management of dieback on 590ha
- management and control of feral animals on 338 000ha.

Capacity building was a large component of 19 projects. These projects erected 75 interpretative signs, produced 87 media publications, held 89 community education events and delivered 9 training programs. Specific activities included:

- training Aboriginal rangers in weed management along the lower Fortescue River (PROJECT CODE 11065); native seed collection and propagation in the Pilbara (PROJECT CODE 10027); fire management in the west Kimberley (PROJECT CODES 09080 and 09088); and design and delivery of feral pig eradication projects and waterway health monitoring in the upper Fitzroy River catchment (PROJECT CODE 09051)
- installing interpretative signs in dieback risk areas (PROJECT CODES 11029 , 11059); “Wood for Wildlife” bushland reserves (PROJECT CODE 11058); vegetation corridors (PROJECT CODE 11056); and wetlands and lakes (PROJECT CODES 10048 , 10051)
- delivering a stewardship program for conservation of biodiversity on private property in Serpentine Jarrahdale (PROJECT CODE 10068)
- running integrated pest management workshops on fox and rabbit control in the Peel-Harvey catchment (PROJECT CODE 10062)

- producing 15 YouTube videos on improving habitat and connectivity in the farming landscape for birds in the Moore River catchment (PROJECT CODE 10023)
- creating weed alert sheets and a card to help community members to identify serious environmental weeds in the Shire of Denmark (PROJECT CODE 11044).

Sixteen (16) projects had a strong focus on resource assessment. These projects carried out 67 surveys, produced 340 maps, and conducted over 50 monitoring programs.

Monitoring activities for native and feral animals included the use of camera traps, sand pads, radio tracking, trapping and spotlighting; and transects, photo points and vegetation quadrants for native plant species and weeds.

Other resource assessment activities included:

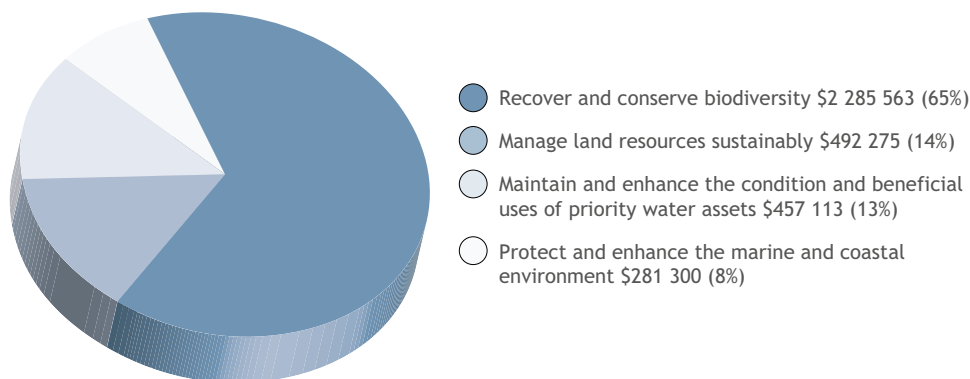
- assessment of dieback in City of Kwinana natural areas (PROJECT CODE 12101), Ambergate Reserve in Busselton (PROJECT CODE 11059), Mondurup Reserve in Mt Barker (PROJECT CODE 11042), and along the 1600km road reserve network in the shires of Gnowangerup and Jerramungup (PROJECT CODE 09070)

- bird surveys at Mt Hallowell and Wilson Inlet Foreshore reserves in Denmark (PROJECT CODE 10052), in the farming landscape of the Moore River catchment (PROJECT CODE 10023), and at Pelican Point A-Class Reserve on the Swan River (PROJECT CODE 10010)
- freshwater sawfish tagging and surveying along the Fitzroy River (PROJECT CODE 09050)
- natural and cultural asset assessments of the Carnarvon Range (PROJECT CODE 10031)
- surveys and mapping of monsoon vine thickets (rainforest ecosystem) in the west Kimberley (PROJECT CODE 09080)
- surveys of marine macroinvertebrates (small animals without backbones, including larvae, crustaceans and molluscs), shorebird foraging observations, algal bloom mapping and nutrient sampling at Roebuck Bay Ramsar site in Broome (PROJECT CODE 09060)
- foreshore assessments along the Mayfield Main Drain in the Peel-Harvey catchment (PROJECT CODE 09058).

Planning formed a significant part of 10 projects. These projects produced 17 plans to help manage reserves, remnant vegetation, dieback, weeds, feral pigs, water quality improvement and fire. Examples include:

- fire management plan for Miriuwung Gajerrong lands in the east Kimberley, reintroducing traditional mosaic burning practices to protect biodiversity and culturally sensitive areas (PROJECT CODE 09088)
- operational plan for road construction and maintenance to control the spread of dieback in the shires of Jerramungup and Gnowangerup (PROJECT CODE 09070)
- site management plans to accompany vegetation surveys and agreements aimed at protecting on-farm remnant vegetation in the west Midlands (PROJECT CODE 10018)
- knotweed management plan for the south coast region (PROJECT CODE 09056).

## Spending according to investment priority



### Biodiversity conservation

Fifty-eight (58) projects identified their activities as contributing to the recovery and conservation of biodiversity, with about \$2.3 million allocated to this priority.

Four threatened animal species benefited directly from these projects. These were the brush-tailed bettong, red-tailed phascogale, freshwater sawfish, and malleefowl. Many species of rare flora and migratory shorebird were also protected.

Project activities included:

- upgrading 11.5km of predator-proof fence at Wadderin Sanctuary in the eastern wheatbelt to protect threatened animal species (PROJECT CODE 09046)
- tagging and surveying endangered freshwater sawfish in the Fitzroy River (PROJECT CODE 09050)
- protecting rare flora against dieback in the Western Fitzgerald Biosphere (PROJECT CODE 09070); Bungendore Park (PROJECT CODE 10005); Keysbrook (project code 10064); Ellen Brockman catchment (PROJECT CODE 11029); Mondurup Reserve (PROJECT CODE 11042); Ambergate Reserve (PROJECT CODE 11059); and the City of Kwinana (PROJECT CODE 12101)
- controlling invasive weeds such as mesquite, parkinsonia and calotropis that reduce plant diversity and animal habitat in the Pilbara (PROJECT CODES 09042 AND 11065); rubber vine in the Kimberley (PROJECT CODE 10033); and Sydney golden wattle in the south coast region (PROJECT CODES 10038 AND 10045)

- developing monitoring protocols to enhance the management of threatened monsoon vine thicket communities in the Kimberley (PROJECT CODE 09080)
- protecting on-farm remnant vegetation to enhance wildlife habitat in the west Midlands (PROJECT CODE 10018) and Moore River catchment (PROJECT CODE 10023)
- providing opportunities and assisting landholders to conserve and restore biodiversity on their properties along King River and Millbrook in Albany (PROJECT CODE 10047) and in the Shire of Serpentine Jarrahdale (PROJECT CODE 10068)
- surveying plant and animal biodiversity in the Carnarvon Range (PROJECT CODE 10031) and Shire of Denmark (PROJECT CODE 10052)
- controlling foxes and rabbits in the Peel-Harvey catchment (PROJECT CODE 10062);
- protecting and enhancing Booragoon Lake Reserve (PROJECT CODE 11023);
- post-fire rehabilitation of Lloyd Hughes Park in the Perth suburb of Kelmscott (PROJECT CODE 11036)
- revegetation of the Great Southern Highway between Woodanilling and Wagin (PROJECT CODE 11056), and limestone heathland at the Chalk Hill Bush Forever site in Kwinana (PROJECT CODE 10006)

- reducing the incidents of illegal firewood collection in the Shire of Bridgetown-Greenbushes by installing gates on reserves and erecting signs (PROJECT CODE 11058).

### Managing land resources

Twenty-one (21) projects identified their activities as contributing towards the sustainable management of land resources. Almost \$500 000 was allocated to this priority.

Project activities included:

- demonstrating best-practice management of invasive weeds to managers and pastoralists in the Pilbara (PROJECT CODE 09042)
- determining the best model for the establishment of Recognised Biosecurity Groups in the Avon River Basin through community consultation (PROJECT CODE 09069)
- developing a fire management plan for Miriuwung Gajerrong lands in the Kimberley and training local rangers in fire management over the 178 300ha area (PROJECT CODE 09088)
- installing 2.5km of surface water banks and 10km of fences to reduce soil erosion in the Chapman and Greenough river catchments (PROJECT CODE 10022)
- upgrading a deep drain in a road-rail corridor south of Moora to ensure its long-term effectiveness in reducing salinity levels of the Moore River (PROJECT CODE 10024)
- demonstrating how local Aboriginal communities can produce native plants and seeds for rehabilitation of mine sites (PROJECT CODE 10027)
- installing information bays, sign-posted tracks, and picnic and camping areas to control the impact of visitors on Marshall Rock Reserve in Bencubbin (PROJECT CODE 10036)
- revegetating degraded areas and increasing landholder awareness of best-practice soil condition management in the Western Fitzgerald National Park (PROJECT CODE 10042)
- erecting 8km of fences and a goat management yard to protect vegetation and land around Lake McLeod, north of Carnarvon (PROJECT CODE 11062).

### Maintaining and enhancing water assets

Eighteen (18) projects identified their activities as contributing towards the maintenance and enhancement of water assets. Almost \$460 000 was allocated to this priority.

Project activities included:

- assessing feral pig numbers and training local rangers in pig eradication on high conservation value waterways in the upper Fitzroy River catchment (PROJECT CODE 09051)
- assessing 50km of waterways and developing a framework for water quality improvement plans in the Mayfield Main Drain subcatchment of the Peel-Harvey (PROJECT CODE 09058)
- removing 8000 cubic metres of sediment, installing 3 river stabilisation riffles, erecting 18.2km of fences and revegetating 15.5ha to improve the habitat value of Gwambygine Pool on the Avon River (PROJECT CODE 09067)
- regenerating and revegetating priority areas along the Canning River (PROJECT CODE 10011); Swan and Helena rivers (PROJECT CODE 10012); Undeyup Creek, west of Albany (PROJECT CODE 10045); and Wilson Inlet foreshore in Denmark (PROJECT CODE 10053)
- fencing 7.5 km of stream between the Moresby Range and Chapman River to prevent erosion and allow plant and animal movement between the areas (PROJECT CODE 10020)
- constructing a bird hide, path and boardwalk, and installing interpretative signs at Lake Vancouver in Albany to manage the impact of visitors to the lake (PROJECT CODE 10051)
- encouraging community participation in river restoration activities at two demonstration sites on public land along the Harvey River (PROJECT CODE 11060)
- surveying and controlling parkinsonia weeds on the Lower Fortescue River (PROJECT CODE 11065).

### Coastal and marine environments

Thirteen (13) projects identified their activities as contributing towards the protection and enhancement of coastal and marine environments. Over \$280 000 was allocated to this priority.

Project activities included:

- determining the effects of nutrient enrichment and toxic algae blooms on migratory shorebird communities of Roebuck Bay, one of the most important sites for migratory shorebirds in Australia (PROJECT CODE 09060)
- installing 60km of fences to exclude cattle from the coastal habitats of Eighty Mile Beach, an important Ramsar-listed site on the north-west coast south of Broome (PROJECT CODE 10028)
- monitoring the condition of seagrass meadows in Geographe Bay and the impact of nutrients on their health (PROJECT CODE 10067)
- weeding, revegetating and fencing dunes at Mullaloo Beach in the City of Joondalup (PROJECT CODE 11022).

## Case study

Environs Kimberley received a grant of \$99 000 to develop monitoring protocols for monsoon vine thickets and wetlands of the Dampier Peninsula (project code 09080). Monsoon vine thickets are listed as an endangered ecological community. The thickets provide a food source for fruit-eating birds, bats and mammals, and contain important Aboriginal cultural sites.

Environs Kimberley worked with Bardi Jawi and Nyul Nyul Indigenous rangers and partners to use science, cultural knowledge and local observation to understand how fires and weeds threaten the thickets and to improve planning and cooperative management.

Vegetation structure, the succession of remnant tree understoreys, and ant communities were identified as the best indicators of the health of the thickets.

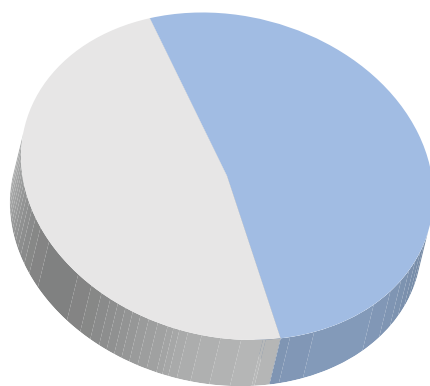


*Environs Kimberley staff involved in thicket monitoring.* COURTESY BARBARA MORRELL, STATE NRM OFFICE

## Achievements of strategic priority projects finalised in 2012/13

Eight (8) strategic priority projects valued at **\$8.3 million** reached completion. Proponents of these projects contributed a further **\$2.1 million** towards the delivery of project activities and engaged over **1220** volunteers.

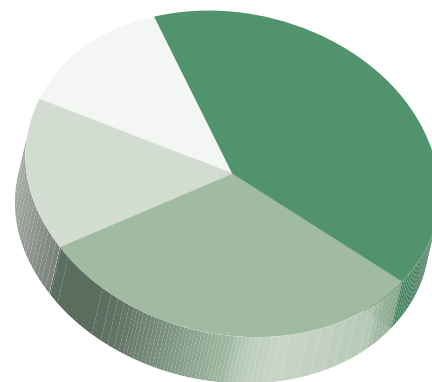
### Where did the money go?



- Perth \$3 995 561 (3 projects)
- Statewide \$4 352 110 (5 projects)

Project proponents were the departments of Environment and Conservation (now Parks and Wildlife); Fisheries; Planning; and Water, as well as the Environmental Protection Authority and Swan River Trust.

### How was the money spent?



- On-ground activities 41%
- Resource assessment 31%
- Planning 15%
- Capacity building 13%

Forty-one per cent (41%) of funds were spent implementing on-ground actions, including:

- installation of 180km of fences to protect waterways and feeding habitat of Carnaby's cockatoo
- revegetation of 170ha of degraded river banks

- removal of weeds from 200ha of river bank
- removal of 3000 tonnes of sediment from priority pools on the Mortlock River
- construction of two nutrient-stripping wetlands in the Southern River catchment
- application of 56 tonnes of Phoslock® (nutrient binding material) to the Canning River above Kent Street weir.

Thirty-one per cent (31%) of funds were spent on resource assessment activities. Twenty-six (26) surveys were undertaken, including:

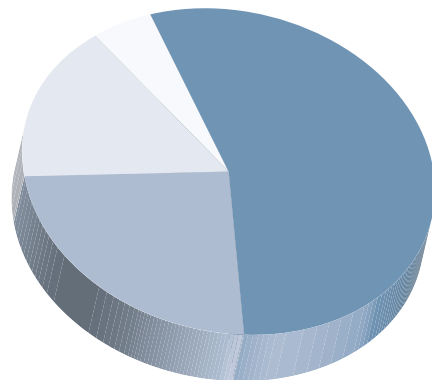
- assessing the stock status of herring, tailor, garfish and whiting along the west and south coasts. Over 450 volunteers submitted more than 19 500 fish frames (skeletons) as part of this assessment (PROJECT CODE 09003)
- surveying habitat of Carnaby's cockatoo in the Swan, Avon and south coast regions to identify important nesting, foraging and roosting sites (PROJECT CODE 09024)
- surveying the coast between Lancelin and Mandurah to determine the preferred habitats of juvenile dhufish (PROJECT CODE 09038)
- surveying shore-based recreational fishing along the west coast from Bunbury to Carnarvon by air, land and remotely operated cameras (PROJECT CODE 09040).

Planning was a large component of one project (PROJECT CODE 09025) that:

- identified priority areas for biodiversity conservation and established targets and actions for the shires of Chittering and Chapman Valley; and cities of Greater Geraldton and Mandurah
- established a regional framework for local biodiversity conservation in Perth and Peel
- showed stakeholders how to use the regional framework and the online environmental planning tool
- developed practice notes of acceptable subdivision and structure plan development to improve the consideration of biodiversity in land-use planning.

Capacity building was a small part of all projects. Six training sessions and 20 information sessions, including workshops, forums, demonstrations, conferences and field days, were held. Thirty-four (34) information products such as brochures, bulletins, conference papers and practice notes were produced.

## Spending according to investment priority



- Recover and conserve biodiversity \$4 591 219 (55%)
- Protect and enhance the marine and coastal environment \$2 003 441 (24%)
- Maintain and enhance the condition and beneficial uses of priority water assets \$1 335 627 (16%)
- Manage land resources sustainably \$417 384 (5%)



*The Department of Environment and Conservation (now called Parks and Wildlife) received a grant of \$440 000 to create a species recovery plan for the endangered Carnaby's cockatoo and to identify and conserve habitat critical to its survival (project code 09024). Management plans were developed for 39 habitat areas throughout the wheatbelt. Habitat areas in Mirrabooka and at Whiteman Park were also rehabilitated.* PHOTO COURTESY CHRISTINE GROOM,

DEPARTMENT OF PARKS AND WILDLIFE.

### Biodiversity conservation

Four projects identified 100% of their activities as contributing towards the recovery and conservation of biodiversity. Over \$4.5 million was allocated to this priority.

Activities of these projects focused on:

- identifying and protecting habitat critical to the survival of the Carnaby's cockatoo and developing a species recovery plan (PROJECT CODE 09024)
- integrating biodiversity conservation objectives into local planning strategies, schemes and policies to improve the protection of valuable bushland in Perth (PROJECT CODE 09025)
- identifying habitats critical to the protection of juvenile dhufish in the south-west of WA (PROJECT CODE 09038)
- gathering information on recreational shore-based fishing to give an understanding of the pressures placed on near-shore fish stocks (PROJECT CODE 09040).

### Coastal and marine environments

Two projects identified a large portion of their activities as contributing towards the protection and enhancement of coastal and marine environments. Over \$2 million was allocated to this priority.

Department of Fisheries project "West coast near-shore finfish status and connectivity" (PROJECT CODE 09003) identified the status of key stocks along the west and south coasts. Information gathered will help inform the sustainable management of recreational, commercial and cultural activities dependent on these finfish species.

Swan River Trust project "Implementing water quality improvement plans: Swan-Canning river system" (PROJECT CODE 09035) targeted subcatchments that contribute the greatest amount of nutrients to the Swan and Canning rivers. A variety of structural nutrient interventions were undertaken, including: fencing and planting vegetation along waterways; constructing two nutrient-stripping wetlands; and removing contaminated sludge from waterways. The project also audited 1100 light industry premises in the cities of Belmont, Canning, Gosnells and Swan to identify and reduce sources of nutrients and other contaminants.

### Maintaining and enhancing water assets

Two projects identified their activities as contributing to the maintenance and enhancement of water assets. Over \$1.3 million was allocated to this priority.

Environmental Protection Authority (EPA) project "Improving water quality in priority waterways through reduction of phosphorus inflows from rural and urban sources"

(PROJECT CODE 09005) worked with industry to develop guidelines for phosphorous fertiliser use on the Swan and Scott coastal plains. The EPA also developed guidelines for use of soil amendments and fertilisers in urban environments.

Department of Water project "Implementation of riparian restoration, erosion control and nutrient management in priority waterways" (PROJECT CODE 09032) undertook weed control, revegetation, sediment removal, and installation of fences and stock crossings. The department also held a forum with 100 key stakeholders to raise awareness of the implications of climate change on the health of waterways.

### Managing land resources

One project identified its activities as contributing to the sustainable management of land resources (PROJECT CODE 09005). Just over \$400 000 was allocated to this priority.



## Case study

The Department of Fisheries received a grant of \$910 250 to work with recreational and commercial fishers to determine the age structure and stock status of garfish, herring, tailor and whiting along the west and south coasts (PROJECT CODE 09003).

Over 450 fishers contributed more than 19 500 samples through the project's successful citizen science program called "Send Us Your Skeletons". In addition, 63 volunteers tagged about 3600 herring as part of the research program.

Results were used to identify and report on the status of the fish species and will assist in future monitoring, assessment and management.

*Inshore species such as whiting are under increasing pressure from WA's growing population and restrictions on other popular species.* PHOTO COURTESY

DEPARTMENT OF FISHERIES.

## Support for NRM regional groups

**TOTAL \$1.5 MILLION**

This year's stronger focus on building the capacity and capability of small community-based groups – to ensure their continued effective participation in the delivery of NRM – was well received.

At least **\$150 000** of the **\$250 000** each regional group received was directed to this priority.

More than 70 community-based NRM groups were supported through the provision of training, technical advice, assistance with funding applications and access to financial support.

Training was provided on various topics, including:

- governance and financial management
- use of accounting and GIS software
- attracting and retaining volunteers
- seeking, reporting on and acquitting funding.

Financial support was provided through:

- funding to help with the employment of 45 skilled NRM officers (\$645 500)
- small grants (up to \$5000) to support the day-to-day running of groups
- subsidised conference attendance and scholarship opportunities for NRM professionals.

Over 220 events and communications, including regular e-news bulletins, were delivered. Access to locally specific advice and information was also made available through regional group websites, which included an increasing number of topical case studies and YouTube stories.

Groups formed valuable partnerships with other NRM organisations and went on to assist smaller groups in their region, adding further value to the initial investment.

Remaining funding was used to:

- identify and connect with small community-based NRM groups active in the regions
- identify and prioritise local natural assets and actions to help protect or restore them
- communicate NRM policies of government to community-based groups

- assist community groups in applying for funds for NRM activities
- manage the delivery of Caring for our Country grants to community groups
- maintain appropriate levels of governance and assist with administrative costs
- help promote the 2012/13 State NRM Program community grants
- provide advice on community grant applications.

## Case study

The Kulin Wildflower Group and Herbarium is just one of the beneficiaries of funding to help community-based NRM groups. Group member Sandra Murray said the group bought a freezer with their grant to help conserve hundreds of flora specimens kept in their herbarium.

"Every six months we need to freeze the collection to prevent insect damage," Sandra said.

"Instead of knocking on doors trying to find enough cold storage around the town, we will now be able to invest in our own."



Mary Ritchie from Kulin (left), Wheatbelt NRM chair Jim Sullivan, Robin Campbell from Corrigin, Jacqui Lucas from Wheatbelt NRM (right), at the microscope Sandra Murray (left) and Wheatbelt NRM director Gen Farrelly.

PHOTO COURTESY WHEATBELT NRM.

## Case study



Coordinators Lisa Short and Robert Taylor hard at work at the Karlkurla Park native plant nursery. PHOTO COURTESY KBULG.

Kalgoorlie-Boulder Urban Landcare Group (KBULG) received funding to expand operations at its Karlkurla Park native plant nursery, enabling the appointment of a part-time nursery coordinator.

Originally established in 2002 and mostly staffed by volunteers, the nursery has produced thousands of native trees, shrubs and groundcovers each year for use in community and school revegetation programs.

"This funding has allowed us to increase the number of plants we can provide each year and better meet specific needs of our clients," said group CEO Kim O'Reilly.

"It has also given us greater scope to service a growing demand from the general public for locally grown native plants for use in waterwise home gardens."

## State NRM Office

**TOTAL \$700 000**

The State Natural Resource Management Office manages and delivers the State NRM Program. It is also responsible for:

- supporting state NRM planning and development
- establishing and maintaining partnerships with key NRM stakeholders
- managing specialist NRM projects and initiatives.

## State NRM Program management and delivery

Office staff are responsible for developing grant guidelines, application forms, and reporting processes; promoting grant rounds; arranging thorough assessment of applications; negotiating contracts with successful applicants; and monitoring the performance of contracted projects, including onsite audits.

- Grant guidelines, application forms and reporting templates were updated in 2012 and received much positive feedback. Reporting requirements for proponents were reduced from quarterly to six-monthly. Updates and changes to the application and reporting processes were well received and resulted in higher quality applications and reports. Many more applications were received from groups that had not applied previously.
- Community grants were advertised in 37 metropolitan and regional community

newspapers as well as in community newsletters, on grant search-engine websites, on ABC and rural radio, and on the websites and e-newsletters of the State NRM Office and regional groups.

- One hundred and nineteen (119) community grant applications valued at \$4.4 million were assessed.
- Contracts were negotiated for 90 new community and 20 new strategic priority projects.
- Final reports and financial acquittals were assessed for 68 community projects and 8 strategic priority projects finalised in 2012/13. Some 181 projects from current and previous years and projects managed by the six regional groups were monitored through a six-monthly progress reporting process.
- Onsite reviews of 55 community grant projects were undertaken to check delivery against funding agreements.

## Grant assessment process

An independent assessment panel consisting of four members reviews all grant applications. The panel receives technical and regional advice from:

- Department of Parks and Wildlife
- Department of Agriculture and Food
- Department of Water
- Department of Planning
- Western Australian Local Government Association
- State NRM Office, state Aboriginal NRM coordinator
- Regional NRM groups

Applications are assessed for eligibility, technical merit, likelihood of achieving objectives, impact, value for money, adequacy of community participation, and engagement with partners.

A list of all applications, along with advice and recommendations from the panel, is provided to the Western Australian NRM Ministerial Council who make the final decision on which projects will be funded through the program. The Council consists of Ministers for Agriculture and Food (chair), Environment, Fisheries, and Water and Forestry.

## Other roles

- State government NRM coordinating groups supported by the Office were largely inactive this financial year. A review of the structure and membership of these groups will be undertaken in 2013/14 with the aim of improving the efficiency and effectiveness of NRM planning and decision making, and the provision of information and support to NRM ministers in WA.
- Partnerships with regional NRM groups, key NRM organisations and government agencies at state and federal levels were maintained through regular contact and participation in board, management and planning meetings. The [nrm.wa.gov.au](http://nrm.wa.gov.au) website also played a significant role in delivering information required by our key stakeholders and is a useful reference for people interested in NRM.
- The office is currently managing one specialist activity, "Increasing Aboriginal engagement in NRM" (project code 12039). This project is funded and managed through the grant program for strategic priority projects.



*Track Care WA project 12044 was one of the 55 projects audited in 2012/13. The project aims to preserve natural and cultural assets at Windich and Weld Springs on the Canning Stock Route by managing visitor impact. State NRM Office programs manager Barbara Morrell had the honour of "cutting the paper" at the grand opening of visitor toilet facilities at Windich Springs. PHOTO COURTESY RED MORRELL.*

## Projects

The following tables list all projects funded by the State NRM Program in 2012/13.

Projects are grouped in seven categories:

- new community projects approved in 2012/13
- new strategic priority projects approved in 2012/13
- community projects finalised in 2012/13
- strategic priority projects finalised in 2012/13
- continuing community projects (funded in previous financial years)
- continuing strategic priority projects (funded in previous financial years)
- withdrawn projects.

Projects are listed according to their unique code number. More information on individual projects can be found on the State NRM office website [nrm.wa.gov.au](http://nrm.wa.gov.au) by using this code number in the search field.

The tables list proponents, project names, and the NRM region in which each project was delivered. The “disbursed” field shows the amount of money paid to projects as at 30 June 2013, taking into account any returned unspent funds.

## New community projects approved in 2012/13 (\$2.9 million)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Australian Wildlife Conservancy	Ensuring the ongoing protection of endangered and threatening species at Karakamia Wildlife Sanctuary	Perth	12041	48 485	25 000
Swan Estuary Reserves Action Group	Restoration of the ecological integrity of the Marine Park foreshore in Alfred Cove - stage 1	Perth	12042	21 089	21 089
Ord Land and Water Inc.	Control and containment of bellyache bush on Lake Kununurra	Rangelands	12043	17 000	17 000
Track Care WA Inc.	Protection and preservation of natural assets in priority locations on the Canning Stock Route	Rangelands	12044	50 000	25 000
Canning River Regional Park Volunteers	Extension of urban forest weed control	Perth	12045	18 220	18 220
Jillara Giants	Rehabilitation of the upper Lesmurdie Falls	Perth	12046	24 275	24 275
Wadderin Group	Community action to restore biodiversity to the central wheatbelt of WA	Wheatbelt	12047	29 737	25 000
Useless Loop Community Biosphere Project Group	Conserving threatened wildlife at Heirisson Prong, Shark Bay	Rangelands	12048	34 000	0
Friends of North Ocean Reef	Cape tulip control and eradication in Bush Forever site 325	Perth	12049	13 470	13 470
Shire of Chapman Valley	Weed mapping along the Chapman River	Northern Agricultural	12050	12 000	12 000
Cockburn Wetlands Education Centre	Revegetation and habitat rehabilitation within Bibra Lake	Perth	12051	24 205	24 205
Broome Bird Observatory	Building community involvement in protecting the internationally threatened shorebirds of Roebuck Bay	Rangelands	12052	10 940	10 940
Mullaloo Beach Community Group Inc.	Mullaloo dune rehabilitation - stage 2	Perth	12053	10 000	10 000
Friends of Lake Claremont	Lake Claremont revegetation extension	Perth	12054	50 000	25 000
Lake Grace LCDC	Jam Patch bush protection	Wheatbelt	12055	40 250	25 000
Ord Land and Water Inc.	Demonstrating erosion control on susceptible soils in the East Kimberley	Rangelands	12056	18 000	18 000
Ord Land and Water Inc.	Mesquite control on Nicholson Station	Rangelands	12057	20 000	20 000
Hyden Progress Association	Survey for the endangered red-tailed phascogale in the eastern wheatbelt of WA	Wheatbelt	12058	40 000	25 000
Western Australian Mountain Bike Association	Removal/realignment of cycle trails from reservoir protection area and access trails to disease risk area	Perth	12059	44 200	44 200
Baldivis Children's Forest Inc.	Revegetation of tuart woodlands, feral bee control and learning through community engagement and action	South-West	12060	30 690	25 000
Fitzgerald Biosphere Group	Celebrating 30 years of landcare in the Fitzgerald Biosphere	South Coast	12061	33 000	25 000
Shire of Kalamunda (Dieback Working Group)	Kalamunda Phytophthora dieback interpretation and invasive species control	Perth	12062	14 873	14 873
Bungendore Park Management Committee	Weed control and dieback treatment Bungendore Park and adjacent land	Perth	12063	18 000	18 000
Shire of Upper Gascoyne	Gascoyne Junction flood recovery	Rangelands	12064	45 000	45 000
Blackwood Basin Group	Qualeup Lakes improvement	South-West	12065	29 700	29 700
Ravensthorpe Agricultural Initiative Network	Advancing weed control and community involvement at Dunns Swamp	South Coast	12066	15 980	15 980
Eastern Metropolitan Regional Council	Saving a keystone species and integrity of the ecosystem	Perth	12067	50 000	50 000
Shire of Quairading	Integrated NRM in the Quairading, Tammin and Cunderdin shires	Wheatbelt	12068	50 000	25 000
Cape to Cape Catchments Group	Development and implementation of the Calgardup Brook action plan	South-West	12069	50 000	25 000
City of Albany	Biodiversity conservation through stabilisation of 4WD tracks in Lowlands Coastal Reserve	South Coast	12070	26 000	26 000
Friends of John Forrest National Park	War on Watsonia in John Forrest National Park; protecting declared rare flora Diplolaena andrewsii	Perth	12071	24 700	24 700

## New community projects approved in 2012/13 (cont.)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Shire of Serpentine Jarrahdale	Healthy Habitats - a national award-winning stewardship program for conservation of biodiversity on private property	South-West	12072	49 600	25 000
Shire of Westonia	Westonia vermin control - stage 2	Wheatbelt	12073	13 086	13 086
Friends of Fitzgerald River National Park	Restoration of the Twertup Field Studies Centre	South Coast	12074	40 000	40 000
Dumbleyung LCDC	Sustainably managing the catchments around Dumbleyung Lake	South-West	12075	45 000	25 000
Murdoch University Fish Health	Pilbara freshwater fish education project: a field guide and underwater documentary	Rangelands	12076	35 000	25 000
West Arthur Declared Species Group	Understanding population influences and feral pig control in Shire of West Arthur	South-West	12077	25 000	0
South East Regional Centre for Urban Landcare Inc. (SERCUL)	Canning River foreshore restoration	Perth	12078	50 000	25 000
SERCUL	Protecting, maintaining and restoring refuges for aquatic life within the Yule Brook waterway and Bickley Reservoir	Perth	12079	40 300	25 000
Ngalang Boodja Council Aboriginal Corporation Inc.	Conservation and restoration of flora and fauna at Jack Mears Park spring, Collie	South-West	12080	40 500	25 000
Shire of Chapman Valley	Catchment management of the Chapman River and tributaries	Northern Agricultural	12081	50 000	50 000
Moore Catchment Council	Planting feed species for Carnaby's black cockatoo in Moora and Koobabbie Important Bird Areas	Northern Agricultural	12082	45 000	45 000
Shire of Chapman Valley	Invasive species management and restoration works on the Moresby Range	Northern Agricultural	12083	50 000	50 000
Shire of Toodyay	Malkup Brook restoration	Wheatbelt	12084	16 582	16 582
Armadales Gosnells Landcare Group	Palomino seasonal damp zone	Perth	12085	48 600	25 000
Jane Brook Community Association	Jane Brook foreshore reserve rehabilitation	Perth	12086	50 000	25 000
Shire of Kulin	Shire of Kulin revegetation and native bushland protection	Wheatbelt	12087	23 000	23 000
Murdoch Environmental Restoration Group	Biodiversity management of Beeliar Regional Park	Perth	12088	48 000	48 000
Katanning LCDC	Combined communities control of creepy Weeds of National Significance (WONS)	South-West	12089	45 000	13 000
Landcare SJ Inc	Reducing threats in nationally significant Brickwood Reserve, Byford	South-West	12090	10 000	10 000
Geographe Catchment Council Inc.	Riparian management on recovery streams in the Geographe catchment	South-West	12091	36 000	25 000
Albany Racing Club Inc	Protecting biodiversity and integrity of Torndirrup Nature Reserve from environmental weed threats	South Coast	12092	38 250	25 000
John Tonkin College Bush Ranger Cadet Program	Build and erect bat/possum boxes in the John Tonkin College Land for Wildlife site	South Coast	12093	10 000	10 000
SERCUL	Restore Bickley Brook foreshore upstream of Bickley Reservoir	Perth	12095	32 900	25 000
Shire of West Arthur	Riparian protection and revegetation on Omaru and Carrigaline properties in the Manywaters catchment	South-West	12096	35 000	0
Centre for Marine Science and Technology, Curtin University	Developing photo identification software for individual recognition of Australian sea lions through a community-based approach	Northern Agricultural	12097	16 864	0
Jarlmadangah Burra Aboriginal Corporation	Distribution and abundance survey of Aboriginal medicine tree B. acutangula along Fitzroy River	Rangelands	12098	50 000	25 000
Blackadder/Woodbridge Catchment Group Inc	North Swan Park species richness	Perth	12099	21 500	21 500
SERCUL	Control of significant weeds on Paganoni Road's southern road reserve ecological corridor	Perth	12100	17 000	17 000

## New community projects approved in 2012/13 (cont.)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Town of Kwinana	Detailed Phytophthora dieback assessments and bushland condition mapping in natural areas	Perth	12101	25 646	25 646
Shire of Waroona	Preston Lake trail upgrade	South-West	12102	20 000	20 000
West Midlands Group	Restoring Warradarge Creek to increase landscape connectivity in the region	Northern Agricultural	12104	49 830	25 000
Blackwood Basin Group	Regenerating Wattle Creek catchment	South-West	12105	50 000	25 000
Wheatbelt NRM	Friends of Mortlock and Mortlock South mid-catchment restoration: Duck Pool to Northam	Wheatbelt	12106	25 000	25 000
Upper Gascoyne LCDC	Gascoyne River catchment conservation, restoration and rehabilitation	Rangelands	12107	25 000	25 000
Warren Catchment Council	Maximising environmental value of remnant native vegetation: a blueprint for landholders	South-West	12108	50 000	25 000
Eastern Metropolitan Regional Council	Helping the Helena: water-quality monitoring of pollutants for linkages in fish and mussel decline	Perth	12109	37 500	37 500
Shire of Kellerberrin	Communities working together to control feral pests for environmental conservation	Wheatbelt	12110	25 000	25 000
Green Skills Inc.	Sydney wattle eradication pilot on Torndirrup Peninsular	South Coast	12111	50 000	25 000
Wellington Mills Community Association	Restoration of Ferguson River vegetation in Wellington Mills	South-West	12112	26 942	26 942
Serpentine Jarrahdale Shire	Control of blackberry and arum lily, and site revegetation on Serpentine River	South-West	12113	15 400	15 400
Carnarvon Rangelands Biosecurity Association	Control of mesquite and parkinsonia within Carnarvon rangelands	Rangelands	12114	50 000	50 000
Australian Wildlife Conservancy	Protection of endangered species at Paruna Wildlife Sanctuary through feral animal control	Perth	12115	23 033	23 033
Friends of Nangip Creek	Revegetation of Nangip catchment to reduce threats of salinity in Nangip Reserve	South-West	12116	50 000	0
Woodvale Waters Land Owners Association Inc.	Yellagonga Regional Park Woodvale revegetation enhancement	Perth	12117	10 000	10 000
Green Skills Inc.	Forest to Stirling Gondwana Link - from plans to action	South Coast	12118	30 000	25 000
Shire of Manjimup	Mottram Street Reserve: returning a significant stream and forest reserve to the natural state - stage 3	South-West	12119	49 200	25 000
Wellstead Community Resource Centre	Protecting the integrity of Wellstead and Pallinup biodiversity from weed invasion	South Coast	12120	43 210	25 000
City of Albany	Centennial Park wetland living stream restoration - phase 2	South Coast	12121	29 000	29 000
Mundaring Primary School	Weed control, habitat protection and environmental education program Mardo Reserve and road verge around the school	Perth	12122	23 750	23 750
Chittering Valley LCDC	Revegetation of Long Bridge Gully tributary	Northern Agricultural	12123	20 599	20 599
Geographe Catchment Council Inc.	Gynudup Brook and Tren Creek: action plan review and strategic fences	South-West	12124	34 000	25 000
Shire of Merredin	Revegetation of Cohn Creek section and exhausted gravel reserves	Wheatbelt	12125	10 000	10 000
Geographe Catchment Council Inc.	Building community and industry capacity to achieve water quality outcomes	South-West	12126	42 700	25 000
Blackwood Basin Group	Managing salinity in Dinninup catchment	South-West	12127	50 000	25 000
Wagin Woodanilling Landcare Zone Inc	SalinitySync: subcatchment approach to planning and implementing large-scale saline land rehabilitation	South-West	12128	10 000	10 000
Shire of Plantagenet	Mt Barker urban wetland restoration	South Coast	12129	40 000	25 000
Geographe Catchment Council Inc.	Busselton urban wetland restoration	South-West	12130	29 564	25 000

## New community projects approved in 2012/13 (cont.)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Wheatbelt NRM	Friends of Mortlock and Mortlock South mid-catchment restoration: Duck Pool to Quailing Gully	Wheatbelt	12131	25 000	25 000
Geographe Catchment Council Inc.	Ecological restoration of Geographe streams	South-West	12132	39 250	25 000
			<b>TOTAL</b>	<b>2 905 620</b>	<b>2 091 690</b>

## New strategic priority projects approved in 2012/13 (\$15.7 million)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Department of Agriculture and Food	Whole-farm nutrient mapping	South-West	12020	1 000 000	250 000
Department of Water	Implementing the Vasse-Wonnerup Water Quality Improvement Plan	South-West	12021	350 000	0
Swan River Trust	Swan-Canning water quality improvement	Perth	12023	1 500 000	398 000
Rangelands NRM Co-ordinating Group (Inc.)	Kimberley rubber vine eradication	Rangelands	12024	1 000 000	314 445
South Coast Natural Resource Management Inc.	Starling control	South Coast	12025	320 000	160 000
South West Catchments Council (SWCC)	Feral pig control in south west WA	South-West	12026	900 000	219 226
Wheatbelt NRM	Coordinated predator control	Wheatbelt	12027	350 000	175 000
Northern Agricultural Catchments Council (NACC)	Pilot to test carbon-driven solutions to salinity	Northern	12028	330 000	200 000
Rangelands NRM Co-ordinating Group (Inc.)	Sustainable productivity in the rangelands	Rangelands	12029	145 000	30 000
Department of Parks and Wildlife	Critically endangered flora recovery	Statewide	12030	1 610 000	547 300
Department of Parks and Wildlife	Dibbler conservation	Northern	12031	350 000	130 000
Department of Parks and Wildlife	Western ground parrot conservation	South Coast	12032	600 000	40 000
Department of Parks and Wildlife	Western swamp tortoise conservation	Perth	12033	500 000	250 000
Department of Fisheries	Demersal fish stock conservation on south coast	South Coast	12034	850 000	416 892
Department of Fisheries	Freshwater fish conservation	Perth	12035	850 000	320 000
Northern Agricultural Catchments Council (NACC)	Biodiversity Links: mid-west and southern rangelands	Northern	12036	300 000	200 000
South Coast Natural Resource Management Inc.	Dieback management	South Coast	12037	3 000 000	1 260 000
Western Australian Local Government Association	Local government biodiversity conservation	Statewide	12038	500 000	450 000
Department of Agriculture and Food	Aboriginal engagement in natural resource management	Statewide	12039	500 000	0
Department of Agriculture and Food	Forming Recognised Biosecurity Groups in agricultural areas	Statewide	12040	700 000	
			<b>TOTAL</b>	<b>15 655 000</b>	<b>5 360 863</b>

## Community projects finalised in 2012/13 (\$3.5 million)

Proponent	Project name	Region	Project code	Disbursed \$
Pilbara Mesquite Management Committee Inc.	Advancing effective management of invasive weeds in Pilbara	Rangelands	09042	210 750
Shire of Narembeen	Control of mammalian pest species to protect and enhance threatened red-tailed phascogale and allow reestablishment of other threatened fauna at Wadderin Sanctuary	Wheatbelt	09046	114 008
Centre for Fish, Fisheries and Aquatic Ecosystem Research, Murdoch University	Conserving with the community the endangered freshwater sawfish in the Fitzroy River	Rangelands	09050	160 000
Kimberley Land Council	Assessing and managing the impacts of feral pigs on high conservation value waterways in the upper Fitzroy River catchment	Rangelands	09051	19 185
South Coast Natural Resource Management Inc.	Controlling priority invasive weed species in south coast	South Coast	09056	369 000
Peel-Harvey Catchment Council	Mayfield Main Drain subcatchment Water Quality Improvement Plan, including foundational activities	South-West	09058	69 869
University of Western Australia	Effects of nutrient enrichment and toxic Lyngbya blooms on benthic invertebrates (living on or in sea or lake bottoms) and migratory shorebird communities of Roebuck Bay Ramsar site	Rangelands	09060	211 561
Wheatbelt NRM	Riparian improvement of priority Avon River Pool: Gwambygine	Wheatbelt	09067	269 881
Wheatbelt NRM	Establishment of Wheatbelt Regional Biosecurity Group	Wheatbelt	09069	82 500
Fitzgerald Biosphere Group	Buffering priority areas by controlling the spread of dieback: Western Fitzgerald Biosphere	South Coast	09070	107 960
Environs Kimberley	Managing fire and biodiversity conservation in the west Kimberley	Rangelands	09080	99 000
Yawoorroong Miriwung Gajerrong Yirrgeb Noong Dawang Aboriginal Corporation	Miriwung Gajerrong Fire Management	Rangelands	09088	250 000
Friends of Queens Park Bushland	Hand-weeding and mapping environmental weeds in Queens Park Regional Open Space reserves	Perth	10001	30 400
Murdoch University	Invasive weed eradication within Beeliar Regional Park, Murdoch	Perth	10002	10 000
Shire of Mundaring	Watsonia roadside control within Jane Brook catchment	Perth	10003	17 000
Bungendore Park Management Committee	Dieback treatment and weed control Bungendore Park and adjacent land	Perth	10005	16 500
Town of Kwinana	Revegetation and weed control on limestone heathland of Chalk Hill, Kwinana	Perth	10006	13 000
City of Belmont	Garvey Park foreshore stabilisation - section 4	Perth	10008	32 786
Swan Estuary Reserves Action Group	Restoration of ecological integrity of Pelican Point A-Class Reserve	Perth	10010	32 785
South East Regional Centre for Urban Landcare	Regeneration and revegetation on Canning River foreshore	Perth	10011	50 000
Eastern Metropolitan Regional Council	Strengthening Our Streams: riparian restoration of priority areas of Swan and Helena rivers	Perth	10012	47 415
South East Regional Centre for Urban Landcare	Nicholson Road bushland restoration and weed management (Bush Forever site 456)	Perth	10014	43 585
West Midlands Group	Protecting on-farm remnant bush	Northern	10018	44 552
City of Greater Geraldton	Fowler's fencing: linking Moresby Range and Chapman River	Northern	10020	19 500
Shire of Chapman Valley	Implementation of action plan for upper Chapman River catchment	Northern	10022	50 000
Moore Catchment Council	Improving habitat and connectivity in farming landscape for birds in Moore River catchment	Northern	10023	30 300
West Koojan Gillingarra LCDC	Ensuring long-term effectiveness of saltland reclamation adjacent to Moore River, Gillingarra	Northern	10024	50 000
Shire of Chapman Valley	Moresby Range Plan implementation - phase 2 and engagement	Northern	10025	50 000
Ashburton Aboriginal Corporation	Pilbara Aboriginal native seed collection and propagation	Rangelands	10027	50 000
Greening Australia WA	Eighty Mile Beach Ramsar site fencing	Rangelands	10028	50 000
Central Desert Native Services	Comprehensive assessment of natural and cultural assets of Carnarvon Range	Rangelands	10031	50 000
Ord Land and Water Inc.	Protecting environmental and agricultural assets of the east Kimberley	Rangelands	10033	50 000
Southern Brook Catchment Group Inc	Southern Brook revitalisation: protecting and enhancing key tributaries and conservation assets	Wheatbelt	10034	48 983
Shire of York	Protection and conservation of Avon River	Wheatbelt	10035	5 760

## Community projects finalised in 2012/13 (cont.)

Proponent	Project name	Region	Project code	Disbursed \$
Shire of Mt Marshall	Protection and preservation of Mt Marshall Rock Reserve	Wheatbelt	10036	7 887
Shire of Quairading	Quairading Town Common Reserve water and revegetation	Wheatbelt	10037	15 000
Gillamii Centre	Treatment of invasive golden wattle populations in Gillamii service area	South Coast	10038	27 100
Green Skills Inc.	Senecio glastifolius eradication	South Coast	10039	50 000
Wilson Inlet Catchment Committee	Watsonia control in Narrikup	South Coast	10040	9 909
Friends of the Porongurup Range Inc	Declared and environmental weed control in and around heritage-listed Porongurup National Park	South Coast	10041	50 000
Fitzgerald Biosphere Group	Increasing land management capacity and protection of rehabilitation and conservation values in Western Fitzgerald Biosphere	South Coast	10042	50 000
Torbay Catchment Group Inc.	Drain restoration, revegetation and weed control along a section of Undeyup Creek	South Coast	10045	22 969
King River Weed Control and River Restoration Group	Meet and greet to preserve our reserves	South Coast	10047	22 500
Ravensthorpe Agricultural Initiative Network	Improving the health, water quality and community awareness of Dunns Swamp at Hopetoun	South Coast	10048	11 100
Frenchman Bay Association	Construction of bird hide at Lake Vancouver, Goode Beach, Albany	South Coast	10051	14 000
Shire of Denmark	Biodiversity surveys of Mt Hallowell and Wilson Inlet foreshore reserves, Denmark	South Coast	10052	19 560
Shire of Denmark	Revegetation of priority sites on the Wilson Inlet foreshore reserves, Denmark	South Coast	10053	8 010
Capel LCDC	Arum lily eradication in Capel tuart forests at Ludlow and Minninup	South-West	10059	14 000
Serpentine Jarrahdale Shire	Weed control in reserves that contain threatened ecological communities and Declared Flora, Serpentine	South-West	10061	19 000
Coolup LCDC	Fox and rabbit control in coastal Peel-Harvey catchment	South-West	10062	10 029
Keysbrook Environmental Group	Protection of rare flora against Phytophthora attack on conservation zone, Keysbrook	South-West	10064	14 100
Geographe Catchment Council Inc.	Keeping Geographe Bay OK: reducing nutrient from urban areas	South-West	10067	45 500
Serpentine Jarrahdale Shire	Healthy habitats	South-West	10068	48 900
Landcare SJ Inc	Invasive species control and revegetation for protection of threatened ecological communities in Brickwood Reserve, Byford	South-West	10070	17 600
Mullaloo Beach Community Group Inc.	Mullaloo dune revegetation project	Perth	11022	10 000
Friends of Booragoon	Biodiversity protection and enhancement of Booragoon Lake Reserve	Perth	11023	22 174
Ellen Brockman Integrated Catchment Group	Mapping and treatment of dieback in Ellen Brook subregion	Perth	11029	39 384
City of Armadale	Post-fire rehabilitation of Lloyd Hughes Park	Perth	11036	14 112
Wilson Inlet Catchment Committee	Dieback survey and hygiene plan implementation for Mondurup Reserve	South Coast	11042	19 400
South Coast Natural Resource Management Inc.	Protection of biodiversity in public reserves in Shire of Denmark	South Coast	11044	10 000
Green Skills Inc.	Tenterden bushland vegetation and wetland conservation: Gondwana eco-link	South Coast	11045	29 120
Wagin Woodanilling Landcare Zone Inc	The vital link: community corridor revegetation of Great Southern Highway between Woodanilling and Wagin	South-West	11056	13 050
Shire of Bridgetown- Greenbushes	Wood for Wildlife: conserving our bushland reserves	South-West	11058	14 850
Shire of Busselton	Phytophthora dieback assessment and management in Ambergate Reserve	South-West	11059	15 000
Harvey River Restoration Taskforce (HRRT)	Upper and lower Harvey River demonstration project	South-West	11060	25 572
Lyndon LCDC	Controlling animal movements onto Lake McLeod	Rangelands	11062	22 000
Juluwarla Group Aboriginal Corporation	Managing biodiversity: Yindjibarndi way	Rangelands	11065	22 500
Town of Kwinana	Detailed Phytophthora dieback assessments and bushland condition mapping of natural areas	Perth	12101	25 646
			<b>TOTAL</b>	<b>3 516 251</b>

## Strategic priority projects finalised in 2012/13 (\$8.3 million)

Proponent	Project name	Region	Project code	Disbursed \$
Department of Fisheries	West coast nearshore finfish status and connectivity	Statewide	09003	910 250
Environmental Protection Authority	Improving water quality in sensitive waterways through reduction of phosphorus inflows from rural and urban sources	Statewide	09005	610 177
Department of Parks and Wildlife	Completion of scientific research essential to safeguarding the Carnaby's cockatoo and streamlining approval processes	Statewide	09024	409 246
Department of Planning	Local community bushland protection plans for Perth	Statewide	09025	495 000
Department of Water	Implementation of riparian restoration erosion control and nutrient management in priority waterways	Statewide	09032	1 927 437
Swan River Trust	Implementing water quality improvement plans: Swan-Canning river system	Perth	09035	3 188 061
Department of Fisheries	Protecting inshore and demersal finfish	Perth	09038	337 500
Department of Fisheries	Quantifying recreational fishing catch and effort	Perth	09040	470 000
			<b>TOTAL</b>	<b>8 347 671</b>

## Continuing community projects (\$3.2 million)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Birds Australia, WA	Carnaby's black cockatoo recovery	Statewide	09062	375 000	375 000
Kimberley Land Council	Mitigation of biosecurity threats along the north-east Kimberley coast	Rangelands	09074	106 000	106 000
Augusta-Margaret River Tourism Association	Lake and Jewel Cave hydrology and recovery	South-West	09075	250 000	250 000
Warren Catchment Council	Control of blackberry and bridal creeper in the Warren River catchment	South-West	09076	195 000	195 000
Australian Wildlife Conservancy	Parkinsonia control in the upper Fitzroy catchment	Rangelands	09086	36 000	36 000
Shire of West Arthur	Coordination of feral pig control to reduce the impacts in Peel-Harvey and Leschenault catchments	South-West	09090	250 000	231 777
Centre for Fish and Fisheries Research, Murdoch	Halting the infestation of the aggressive freshwater fish, the pearl cichlid, in Swan River catchment	Perth	10004	45 588	45 588
Friends of Lake Claremont	Revegetation of the north-west section of Lake Claremont to restore indigenous woodlands	Perth	10007	45 000	45 000
Wilson Wetlands Action Group	Fern Road East revegetation - stage 1	Perth	10009	22 655	22 655
Canning River Regional Park Volunteers	Nicholson Road billabong flood plain restoration	Perth	10013	23 815	23 815
West Midlands Group	Sustaining our environment and agricultural assets through vermin control in the west midlands	Northern	10017	43 900	43 900
City of Greater Geraldton	Chapman River wildlife corridor regeneration - stage 1	Northern	10021	48 700	48 700
Environs Kimberley	Roebuck Bay fine-scale habitat modelling to determine key habitat for marine wildlife and prey	Rangelands	10029	26 950	26 950
Australian Wildlife Conservancy	2012 bird survey of Faure Island wildlife sanctuary: shorebirds, pied cormorants and future translocations	Rangelands	10030	25 820	25 820
Central Desert Native Title Services	Natural and cultural heritage management strategy for Ngururrpa Country	Rangelands	10032	49 740	49 740
Bushcarers Group Inc.	Lake Seppings western shore rehabilitation	South Coast	10043	10 520	10 520
North Stirling Pallinup Natural Resources Inc.	Greening tributaries of the Pallinup River and promoting landcare in North Stirling Pallinup region	South Coast	10044	48 900	48 900
Esperance Regional Forum	Riparian vegetation protection and livestock exclusion fencing in Stokes Inlet and Coomalbidgup catchments	South Coast	10046	36 000	36 000
Albany Heritage Reference Group	Fishtraps	South Coast	10049	50 000	50 000
Shire of Esperance	Walker Street public open space	South Coast	10050	20 000	20 000
Graham's Land and Sea Aboriginal Corporation	Protection and enhancement of heritage-listed fragile wetland and surrounding remnant bushland	South Coast	10054	25 500	25 500
Tambellup Noongar Land Aboriginal Corporation	Integrated property management to contain salinity and protect riparian land (Gordon River) on Tammar Farms	South Coast	10055	45 300	45 300
Wongutha CAPS Development Trust	Protection/enhancement of remnant bushland and addressing soil erosion with windbreaks and perennial pastures, Wongutha CAPS	South Coast	10056	23 000	23 000
Katanning LCDC	Continuing the fight against bridal creeper	South-West	10058	50 000	50 000
Shire of Bridgetown-Greenbushes	Strategic washdown bays, equipment and procedures to minimise soil stored Cape broom seed dispersals	South-West	10060	12 200	12 200
Serpentine Jarrahdale Shire	Instigating biological control methods against mistletoe within the Rifle Range Reserve, Byford	South-West	10063	50 000	50 000
Katanning LCDC	Much to do about saving a lake: Ewlyamartup	South-West	10065	42 590	42 590
Katanning LCDC	From drain to living stream: Katanning Creek	South-West	10066	36 050	36 050

## Continuing community projects (cont.)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Capel LCDC	Fencing to enhance the survival of diverse flora of Minnipup Block, Ludlow tuart forest	South-West	10069	20 000	20 000
Cape to Cape Catchments Group	Protecting high value assets in the Quininup catchment by assessing condition and on-ground actions	South-West	10071	48 760	48 760
Blackwood Basin Group	Plans to action on-ground funding for the Blackwood	South-West	10072	50 000	50 000
Southern Aboriginal Corporation	Improving fauna movement and rehabilitating saline lands on Marribank farms to protect Blackwood River tributaries	South-West	10073	38 000	38 000
City of Vincent	Walters Brook restoration	Perth	11020	45 000	25 000
Friends of Lightning Swamp Bushland	Weed control at Lightning Swamp to prevent vegetation buffer from becoming a weed highway	Perth	11021	10 140	10 140
Black Cockatoo Preservation Society	Replacing 25 acres (10ha) of northern jarrah forest for black cockatoo food source and roosting habitats	Perth	11024	40 000	40 000
North Swan LCDC	Bullsbrook biodiversity corridor - stage 5	Perth	11025	22 840	22 840
Chittering Valley LCDC	Rehabilitation of Aquila and Carty reserves	Perth	11026	42 500	42 500
Friends of Lake Claremont	Extension of revegetation to the north-west section of Lake Claremont to restore indigenous woodlands	Perth	11027	50 000	50 000
Good Shepherd Catholic Primary School	Watsonia and noxious weed eradication	Perth	11028	14 000	14 000
Friends of Mary Carroll Lake	Revegetation of the Five Islands at Mary Carroll Lake, Bush Forever site 124	Perth	11030	18 100	18 100
Swan Estuary Reserves Action Group	Restoration of ecological integrity of Pelican Point A-Class Reserve - stage 2	Perth	11031	15 713	15 713
Ellen Brockman Integrated Catchment Group	Pearce Base-south: Ellen Brook revegetation - stage 1	Perth	11032	50 000	25 000
SERCUL	Regeneration and revegetation of the Canning River foreshore	Perth	11034	50 000	50 000
Wilson Wetlands Action Group	Fern Road East revegetation - stage 2	Perth	11035	22 700	22 700
Wilson Inlet Catchment Committee	Controlling eastern states' wattle infestations in Denbarker	South Coast	11038	50 000	50 000
Flinders Park Primary School	Involving schools to remove biological threats to our biodiversity while enhancing education	South Coast	11039	12 000	12 000
Albany Senior High School	Enhancing biodiversity and education by removing woody weeds	South Coast	11040	31 100	31 100
Oyster Harbour Catchment Group	Controlling weedy acacia species in the Mt Barker-Kendenup rail reserve	South Coast	11041	32 900	20 000
Lake Muir-Denbarker Community Feral Pig Eradication Group	Feral pig control: Lake Muir-Byenup Ramsar wetlands, Walpole Wilderness Area and adjoining private property	South Coast	11043	25 000	25 000
Friends of the Porongurup Range	Declared and environmental weed control in and around heritage-listed Porongurup National Park	South Coast	11046	50 000	50 000
North Stirling Pallinup Natural Resources Inc.	Linking bush reserves to enhance habitat for malleefowl and other threatened species in Monjebup catchment	South Coast	11047	43 100	43 100
Wilson Inlet Catchment Committee	Invasive weed control along Hay River	South Coast	11048	10 000	10 000
Oyster Harbour Catchment Group	Targeting riparian habitat in King River - stage 1	South Coast	11049	49 640	49 640
Shire of Esperance	Wild dog management to protect Esperance farming region	South Coast	11050	40 000	40 000
Cape to Cape Catchments Group	Protection and rehabilitation action on four high priority Leeuwin Ridge streams	South-West	11051	50 000	50 000
Shire of Manjimup	Mottram Street Reserve: returning a significant stream and town forest reserve to their natural state	South-West	11052	39 600	39 600
Shire of Donnybrook-Balingup	Watsonia control along Balingup Brook	South-West	11053	10 000	10 000

## Continuing community projects (cont.)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Department of Water	Control of isolated populations of highly invasive environmental weeds in the Warren Catchments Council area	South-West	11054	22 000	22 000
Blackwood Basin Group	Addressing salinity in the Dinninup catchment	South-West	11055	50 000	50 000
Greening Australia WA	Nell's Block community education	South-West	11057	36 190	36 190
Shire of Moora	Revegetation of identified key conservation sites in Moora	Northern	11061	15 271	15 271
Australian Wildlife Conservancy	Strategic and cooperative control of weeds at Mornington Wildlife Sanctuary	Rangelands	11063	30 600	30 600
Australian Wildlife Conservancy	Protecting threatened species on Faure Island, Shark Bay	Rangelands	11066	12 460	12 460
Shire of Westonia	Vermin and weed control	Wheatbelt	11067	10 513	10 513
			<b>TOTAL</b>	<b>3 152 355</b>	<b>3 076 232</b>

## Continuing strategic priority projects (\$5.7 million)

Proponent	Project name	Region	Project code	Budget \$	Disbursed \$
Department of Parks and Wildlife	Emergency conservation action for the woylie	South-West	09004	750 000	750 000
Swan River Trust	Cichlids investigation	Perth	09015	75 000	75 000
Department of Water	Development of water quality improvement plans for Blackwood, Scott, Leschenault and Hill estuaries	Statewide	09019	500 000	500 000
Department of Water	Kimberley waterways recovery and education	Rangelands	09020	380 513	380 513
Department of Fisheries	Indicative development plan for Houtman Abrolhos Islands	Northern	09026	490 000	487 275
Department of Planning	Protection of priority natural resources in strategic regional land-use plans	Statewide	09028	1 000 000	1 000 000
Department of Parks and Wildlife	Emergency recovery actions for highest priority threatened flora	Statewide	09029	940 000	940 000
Department of Parks and Wildlife	Threatened fauna Shark Bay Arc Projects: saving WA's threatened fauna	Rangelands	09031	1 520 000	1 520 000
			<b>TOTAL</b>	<b>5 655 513</b>	<b>5 652 788</b>

## Withdrawn projects (\$333 000)

Proponent	Project name	Region	Project code	Budget \$
Department of Water	Soil amendment trials	South-West	12022	300 000
Denmark Shire	Restoration of Poison Point and access restriction	South Coast	12094	18 000
Southern DIRT	A Nobleman's Folly: revegetating and protecting Cockatoo Creek catchment	South-West	12103	15 000
			<b>TOTAL</b>	<b>333 000</b>

## Source and application of funds

Source of Funds	\$
Regional Administration carryover 2011-12	75 000
State Consolidated Funds carryover 2009-10	875 730
State Consolidated Funds carryover 2010-11	749 598
State Consolidated Funds carryover 2011-12	5 000 000
Returned NAP* project funds carryover	40 256
Returned project funds carryover 2009-10	45 862
State Consolidated Funds 2012-13**	0
Returned project funds 2009-10	50 916
Returned project funds 2010-11	2 067
Returned project funds 2011-12	103 559
Financial system end of year adjustment	108 078
<b>TOTAL</b>	<b>7 051 066</b>

Funds to be Carried Forward	\$
Committed Strategic Projects	(5 442 569)
Unspent committed funding 2009-10	162 755
Unspent committed funding 2010-11	163 228
Unspent committed funding 2011-12	130 305
Unspent committed funding 2012-13	635 120
Unspent uncommitted NAP* carryover	40 256
Unspent uncommitted funding 2009-10	96 778
Unspent uncommitted funding 2010-11	2 067
Unspent uncommitted funding 2011-12	90 996
State NRM Office funding carryover	367 668
<b>TOTAL</b>	<b>(3 753 396)</b>

Application of Funds	\$
Regional groups funding	1 575 000
State NRM Office funding	332 332
Continuing Strategic projects 2009-10	78 564
Continuing Strategic projects extensions 2009-10	190 000
Continuing Community projects 2009-10	36 600
Continuing Community projects 2010-11	234 583
Continuing Community projects 2011-12	442 780
Community projects 2012-13	2 270 500
Strategic Projects 2010-2014	5 644 103
<b>TOTAL</b>	<b>10 804 462</b>

\* NAP: National Action Plan for Salinity and Water Quality

\*\* \$5 million that was due in 2012-13 will be received in a split payment over 2013-14 and 2014-15



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