

Investing in Native Vegetation Management and Threatened Species Programs in NSW

Guide note for NSW catchment management authorities

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1 Purpose and scope

This guide note has been prepared to assist CMAs to consider two important issues during the development of catchment action plan (CAP) upgrades:

- 1. data and analyses comprising state-scale native vegetation management (NVM) benefits layers and associated maps, and
- 2. prioritisation and projects being developed in the revised Priorities Action Statement (PAS2).

Through use of this guide, CMAs and others making use of its recommendations are encouraged to:

- Develop catchment targets and actions that will optimise the benefits for biodiversity at state and regional scales by encouraging investment in areas where greatest statescale benefit to biodiversity complements:
 - a) national and state natural resource management (NRM) targets and investment rules
 - b) regional considerations including cost effectiveness, program delivery capacity and social capacity, and
 - c) NRM outcomes for carbon sequestration, soil conservation, catchment hydrology and water quality, salinity management, etc. (see Section 2).
- 2. Incorporate state-scale threatened species investment priorities in conjunction with existing priorities for aquatic ecosystems and threat abatement, catchment priorities and local community expectations (see Section 3).
- 3. Utilise existing catchment monitoring, evaluation and reporting (MER) frameworks to support reporting on state-scale investment priorities and contribution to NVM benefits (see Section 4).

CAP upgrades will be assessed as to whether they are suitable for biodiversity certification under the *Threatened Species Conservation Act 1995* (TSC Act). OEH has developed a separate guide on how CAPs can meet the requirements for certification (*Biodiversity Certification of Catchment Action Plans: Guide note for NSW catchment management authorities*¹).

Other aspects of biodiversity conservation which are considered in CAP upgrades, including weed management and feral animal control, threat abatement and aquatic biodiversity, are the subject of other guidance material being developed by OEH, DPI and others.

Purpose and scope 1

www.environment.nsw.gov.au/biodiversity/nswbiostrategy.htm

2 Considering state-scale native vegetation management benefits

2.1 Introducing the management benefits layers and NVM benefits map

OEH recommends that where an investment is made in improving native vegetation condition, it should be directed to where it will contribute highest benefit to terrestrial biodiversity by improving the condition, extent and connectivity of vegetation formations. This is described in terms of contributing to 'native vegetation management (NVM) benefits'.

2.2 Intent and purpose of considering NVM benefits

Figure 1 shows areas where the greatest benefit to biodiversity <u>at the state scale</u> is predicted to be achieved from management of native vegetation (including revegetation of previously cleared areas).

The analyses undertaken to develop the NVM benefits map reflect a recognition that no single emphasis in management necessarily has the same level of importance across all parts of the state. The techniques used to develop the map are described in a separate technical report (see Section 5).

This analysis will inform investment across a range of activities, including: protecting and improving the condition of the most important areas of depleted vegetation classes, revegetating cleared areas (particularly where these increase the area of the most fragmented types), and linking efforts to create a network of 'green corridors'. OEH has identified four types of NVM benefits:

NVM benefits

'Native vegetation management (NVM) benefits' refer to the analyses that predict where native vegetation management will contribute highest benefit to terrestrial biodiversity through improvement in the condition, extent and connectivity of native vegetation formations at state-scale.

- 'Manage' benefits relate to areas of existing native vegetation in generally good condition where the emphasis of management would be on maintaining this high condition. A number of highest 'manage' benefit areas occur in protected areas; this reflects the importance of continued management of protected areas where pressures are exerted by adjacent land uses.
- 'Improve' benefits also relate to areas of existing native vegetation, and while they are generally the best examples of more heavily altered vegetation types, they nonetheless require some form of active management to improve their condition.
- 'Revegetate' benefits depict largely cleared areas where re-establishment of species that previously occurred at the site (through replanting or natural regeneration) would contribute to improving terrestrial biodiversity condition at the state scale. The analysis tends to highlight the more extensively cleared vegetation types, notably in the sheep—wheat belt.
- 'Consolidate' benefits were derived through a different form of analysis to the other three benefits layers, and can be most simply described as a state-scale connectivity analysis. The layer highlights where emphasis on linking, or retaining the current connectivity values of core remnants, would provide greatest benefit. This includes a combination of (a) monitoring and targeted removal of threats (e.g. weeds, inappropriate fire regimes), notably in large protected areas; and potentially (b) revegetation to buffer and/or link native vegetation where this will maintain the internal viability of an otherwise isolated remnant.

Individual maps depicting each of these layers are included in Appendix 1. Darker areas indicate higher relative benefits.

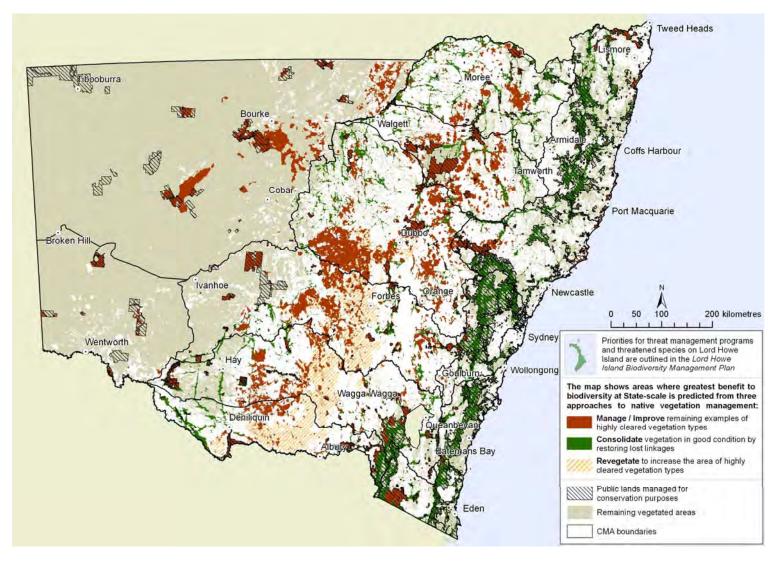


Figure 1: The NVM benefits map showing areas of predicted highest benefit to terrestrial biodiversity by improving the condition, extent and connectivity of vegetation classes at the state scale

| | verview of how to interpre | et areas mapped as comp | orising high NVM |
|--------------------------|---|---|--|
| | Manage / Improve | Consolidate | Revegetate* |
| Colour on map | Brown | Green | Hatched orange |
| What the mapping depicts | Areas where management to maintain or improve condition within existing vegetation would contribute most benefit to biodiversity at the state scale | Areas that are well connected to existing vegetation or are part of an important habitat link or corridor | Cleared areas where revegetation would contribute most benefit to biodiversity at state scale |
| Outcome | Maintain or improve condition within the best remaining examples of heavily cleared vegetation classes | Maintain vegetation in good condition and improve its connectivity across a larger area | Increase the area of vegetation types which have been most heavily cleared |
| Approach | Protect and manage existing native vegetation | Monitor, control threats and enhance connectivity within and between areas in good condition | High quality mixed species plantings (using locally-appropriate provenance) or natural regeneration on cleared areas |

^{*} The intention of the mapping is to depict where revegetation, if undertaken, would provide greatest benefit to terrestrial biodiversity at the state scale. It is acknowledged that a large proportion of these mapped areas are productive agricultural lands. As such, it is likely that only a small proportion of these areas will be revegetated, notably where this contributes to ecosystem services that support farm productivity.

2.3 Features of the NVM benefits map

The NVM benefits map (Figure 1) depicts areas where investment to improve the condition, extent and connectivity of vegetation classes is likely to provide the highest benefit to terrestrial biodiversity. It was developed to depict the highest benefit areas for the four types of management interventions on a single map.

The broad management interventions depicted by the NVM benefits map are not mutually exclusive. Native vegetation management involves a combination of activities including active removal of pressures (e.g. grazing), encouraging natural regeneration, targeted replanting, and monitoring to trigger management of emergent threats in high condition areas. Rather than reflecting one or other type of activity in each management intervention, the mapping highlights how the relative emphasis of the selected management approach varies between the management benefits layers.

Of the four management benefits layers, greatest overlap occurs between the 'manage' and 'improve' layers. Both were derived from the same type of spatial analysis technique, and relate to existing native vegetation. They have been combined in Figure 1 to reduce the complexity of the map.

The map was developed by identifying the top five per cent of benefits that would be achieved from each of the 'revegetate' and 'manage/improve' areas. The top 10 per cent

of benefits from the 'consolidate' areas layer was used to ensure that areas outside protected areas are highlighted.

While the NVM benefits map depicts areas where highest benefit is predicted to accrue from investment, investing in areas outside the highest benefit bracket depicted in Figure 1 could also provide biodiversity benefit. CMAs and others are encouraged to consider each of the management benefits layers in Appendix 1 when developing investment priorities.

The management benefits layers and NVM benefits map are not intended to depict 'high conservation value' native vegetation, but rather are intended to complement national, regional and state-scale priorities for investment in threatened species recovery, threat abatement, and maintenance of ecosystem services such as water quality and carbon sequestration.

The scale at which the NVM benefits have been presented precludes their direct use in assessing applications to clear native vegetation under the *Native Vegetation Act 2003* (NV Act), or to evaluate proposals for funding to support rehabilitation works. They should be considered indicative, and should be validated by field assessment.

2.4 Applying the NVM benefits to develop regional priorities

Effective prioritisation of investment will require consideration of opportunities and constraints presented by factors other than biodiversity benefit. These include:

- 1. availability of funds
- 2. investment rules established by funding sources (including overlapping objectives for carbon sequestration, soil and water conservation, etc.)
- 3. regional program delivery capacity, and
- 4. local community interest and landholder willingness to participate in targeted areas.

OEH recommends encouraging investment where it will maximise terrestrial biodiversity benefit, and does not present these areas as 'priorities' in the absence of consideration of other factors. In the event that factors preclude investment in areas with highest NVM benefit, OEH encourages efforts to be directed towards other areas where benefit would be achieved in conjunction with other regional considerations.

The analyses used to derive spatial NVM benefits were less effective in predicting benefits in arid ecosystems across their range. Condition, and in turn likely response to management, is strongly influenced by total grazing pressure. The lack of data on total grazing pressure across western landscapes limited the sensitivity of the management benefits analyses to variation in condition in these areas. This reduced diagnostic ability meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 ha of the total 6.9 million hectares of arid chenopod shrublands stood out from the analysis as having higher benefit from management than surrounding areas. This is recognised as an important limitation in the analysis, leading to a significant underestimate of the areas of arid vegetation types that require management.

OEH encourages investment in 10 per cent of each of the arid acacia shrublands and arid chenopod shrublands ecosystems (88,000 ha and 690,000 ha, respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the NVM benefit areas that did appear in the management benefits analyses for arid ecosystems as comprising part of the 10 per cent of arid ecosystems targeted for investment.

2.5 Supporting information

In addition to the NVM benefits map, OEH will provide:

- Data layers To encourage use of the data input layers and benefits layers OEH distributed the GIS data in January 2012. These are available for download via www.environment.nsw.gov.au/research/AncillaryVegetationProductsDataInventory.htm (select native vegetation management (NVM) benefits from the list of datasets), or at the OEH Data Download site (http://mapdata.environment.nsw.gov.au/DDWA/). CMAs are encouraged to work with the layers and provide feedback on their strengths and limitations.
- 2. **Technical report** A technical report is available which describes how the map of areas of highest biodiversity benefit from native vegetation management was derived www.environment.nsw.gov.au/biodiversity/nswbiostrategy.htm.

In addition to considering the positive benefits predicted from undertaking vegetation management in a particular location, the potential for adverse impacts (e.g. reduced catchment yield leading to increased in-stream salinity levels) will also need to be considered. Spatial analytical tools developed by OEH (such as SCaRPA) are used to assist CMAs to consider co-benefits or impacts across linked NRM themes.

2.6 Integrating NVM benefits in CAP upgrades

OEH recommends that CMAs consider state-scale NVM benefits through the following processes:

Step 1: Data layers provided by OEH

OEH has provided all CMAs with a series of GIS layers comprising: (a) base input layers, (b) map layers for the four types of NVM benefits, and (c) a map depicting areas predicted to contribute highest benefit to biodiversity at the state scale from investment in native vegetation management. The layers are described in Table 1.

Step 2: Intersect mapped native vegetation management areas with regional data to determine the extent to which state-scale priorities overlap with regional priorities

Where areas have significance at both state and regional scales, CMAs are encouraged to afford these the highest priority for investment. To clarify any relationship, CMAs are encouraged to map the state-scale NVM benefits in relation to catchment priorities. This will highlight whether/which areas identified as significant within the regional context appear similarly important at the state scale.

Where there is limited overlap between high benefit areas and catchment priorities, it would be useful to develop a clearer understanding of whether this is the result of:

- 3. limitations in the mapping of areas with highest state-scale NVM benefits caused by scale and spatial accuracy of data inputs
- 4. use of a broader set of regionally-defined criteria which highlight additional considerations beyond the state-scale analyses, and/or
- 5. specific priorities at the catchment scale which, while complementary to state-scale NVM benefits, are based on local significance values.

When comparing the management benefits layers and NVM benefits map with regional data, CMAs should be aware that these analyses were derived at 1:100,000 scale. While they can be interpreted to that scale, finer resolution comparison is not encouraged, and field verification of the data is recommended.

Table 1: Data and products available to help CMAs integrate areas of highest biodiversity benefit from native vegetation management

| Product | Туре | Description and purpose |
|--|----------------|--|
| Modelled vegetation classes | Input layer | Potential coarse-scale substitute for vegetation mapping where finer resolution, ground-checked product does is not available |
| NSW vegetation condition | Input layer | Predictive modelling of native vegetation condition; incorporates consideration of groundcover and changes in canopy density; the reliability of the model is less discriminatory in far western NSW due to limited data on total grazing pressure |
| 'Manage' and 'Improve' layers | Output | Two separate layers derived from biodiversity forecasting analysis, generally equivalent to 'conserve' and 'repair' layers previously developed by OEH in regional-scale analyses |
| Revegetation layer | Output | A new analysis of poorest condition (and largely cleared) native vegetation amenable to revegetation to re-establish highly depleted vegetation types in heavily cleared landscapes |
| Landscape value ('Consolidate') layer | Output | Evaluation of contribution to cross-regional connectivity of woody vegetation derived using a spatial habitat links methodology and presented in the 'Consolidate' layer |
| Map of areas of highest state-scale NVM benefit | Output | Composite of the highest bracket for the above four map layers; provides a focus for investment in native vegetation management where factors such as investor preferences, cost, feasibility and community engagement permit |
| Extent of NVM benefits in each mapped ecosystem by CMA | Output – table | Area of each type of NVM benefit and the potential contribution that CMA investment in these areas could provide |

Step 3: Interrogate data inputs, biodiversity benefits layers and the combined benefits map to ascertain the basis for state-scale biodiversity benefits

Regional and state analyses may not reliably identify all areas with characteristics that warrant preferential investment. Ultimately, the decision about whether the characteristics of an area of native vegetation would contribute to biodiversity at the state scale will only be confirmed by site assessment.

CMAs are encouraged to explore the mapping inputs and map layers to determine the characteristics of native vegetation where investment is likely to be highly beneficial. This could include:

- patterns of vegetation condition, status and/or distribution relative to adjacent regions – identifying vegetation types that might have been cleared to a greater or lesser extent relative to other catchments
- characteristics of vegetation where investment in management would have greatest benefit, following consideration of all other relevant factors (including vegetation type, extent of clearing and patterns of remnant distribution, and the size, condition and connectedness of remnants).

Appendix 2 provides information on the amount of each of the three categories of NVM benefit, shown on Figure 1, that occur in eleven ecosystems types. The amounts of each form of NVM benefit on public and private land are broken down further based on whether

they are currently protected (e.g. NPWS reserves; conservation agreements on private land) or not protected. The analysis indicates there is potential for further NVM benefits on public and private protected areas. The range of categories of land or water managed for conservation purposes on both public and private lands are detailed in Appendix 3.

The area of NVM benefit for each ecosystem in each CMA is also expressed as a percentage of the total area of NVM benefit for that ecosystem in NSW. This provides an indication of the relative contribution each CMA could make to improving the condition of that ecosystem, particularly through programs aimed at securing NVM benefits on private land without any form of covenant.

CMAs are encouraged to incorporate information and statistics on the extent and area of NVM benefit for the ecosystems within the catchment, as a means of illustrating the contribution that the CAP makes towards state-scale priorities:

- maps showing areas of national, state and regional significance (where data is available) and a composite map showing relative priority in the catchment of vegetation based on significance at different scales
- table of statistics describing the distribution of areas with highest NVM benefits for each vegetation type in the catchment on different land tenures (Appendix 2).

Step 4: Implement investment plans which accommodate areas of highest NVM benefit

CMAs are encouraged to translate their understanding of NVM benefits by:

- identifying landscapes which contain significant amounts of areas with highest NVM benefit, and where cross-tenure partnerships would enhance the resilience of species and ecosystems at the landscape scale
- targeting investment in vegetation management activities (i.e. on-ground works) to areas with highest NVM benefit, where site assessment confirms that management will improve the condition of remnant vegetation or revegetate areas that are likely to provide benefits to terrestrial biodiversity.

2.7 Relationship to 'resilience' approaches

CMAs are applying 'resilience thinking' to develop state and transition models which identify drivers and pressures that influence natural resource condition, and highlight opportunities to avoid irretrievable change in condition of priority assets. The NVM benefits analyses provide an indication of state context as CMAs seek to understand the significance of native vegetation. The analyses potentially identify areas with greater likelihood of comprising conditions more able to persist and be enhanced to increase ecosystem resilience:

- Areas with high 'manage' benefits generally represent areas of native vegetation
 which remain in relatively good condition and which require management to
 maintain that condition. Emphasis on avoiding loss in condition would ensure
 critical condition thresholds are not crossed.
- Areas depicted as having high 'improve' benefits generally include native vegetation in lower condition (but nonetheless in better condition relative to other areas of the same vegetation type) which would be amenable to improvement to maximise their 'buffering' from critical condition and fragmentation thresholds.
- Areas depicted with high 'consolidate' benefits similarly have potential for rehabilitation to enhance the overall connectedness of remnant vegetation – this in turn has potential to enhance the resilience of linked natural areas overall.

2.8 Relevance to project development and funding proposals

Development of project proposals for funding under the 2012–13 round of the Biodiversity Fund demonstrated the role of the state-scale management benefits analyses in supporting implementation of Australian Government NRM investment programs. A number of proposals by NSW agencies, CMAs and non-government organisations included portions of the NVM benefits mapping to support claims of the significance of intended investment areas.

The mapping is also underpinning the NSW Government's position on where it considers investment from the Biodiversity Fund would be most effective. The 'consolidate' benefits have direct relevance to demonstrating opportunities to enhance connectivity and contribute to the National Wildlife Corridors plan. Each of the management benefits layers similarly has direct application to prioritising and contextualising investment under the Clean Energy Futures Land Sector Package.

The Australian Government has *Principles for the Regional NRM Planning for Climate Change Fund* to assist CMAs in embedding climate change adaptation and mitigation strategies in catchment planning. The principles identify attributes of climate-ready NRM plans which include identifying opportunities and management strategies to maximise environmental benefits, such as biodiverse plantings, landscape connectivity and protection of remnant vegetation. The NVM benefits analysis can directly assist CMAs to develop CAPs that have this attribute.

Furthermore, the NVM benefits analysis is relevant to developing programs that would contribute towards two targets in *Australia's Biodiversity Conservation Strategy 2010–2030*:

Target 4: By 2015, achieve a national increase of 600,000 km² of native habitat managed primarily for biodiversity conservation, and

Target 5: By 2015, 1000 km² of fragmented landscapes are being restored to improve ecological connectivity.

2.9 Potential to refine boundaries of mapped NVM benefits

The accuracy of maps provided in the draft Strategy is limited by the scale and accuracy of data used to derive each of the benefits layers. The maps are intended as a guide to show areas where highest NVM benefits are likely to occur, and where investment in native vegetation management could be directed. Where state-scale NVM benefits and catchment-scale priorities overlap, CMAs are encouraged to adopt these areas as their highest priority for investment. However, it is recognised that CMAs and others hold data and mapping, in many cases developed with or by OEH, which is more accurate at a finer resolution than 1:100,000.

Two aspects of the biodiversity forecasting analysis for 'manage', 'improve' and 'revegetate' areas are amenable to use of finer resolution catchment scale data:

- Utilise finer resolution vegetation mapping inputs to more accurately predict the
 occurrence of vegetation types that represent clear priority for investment (e.g.
 vegetation types that have been extensively cleared and where management of any
 remnants in moderate to good condition would have significant benefit).
- 2. Utilise regional-scale condition data which more reliably reflect site condition, and/or accommodate additional information on pressures acting at the site (weed infestation, feral predator populations, etc.).

3 Incorporating threatened species investment priorities

3.1 What is the Priorities Action Statement (PAS)?

The development and delivery of cost-effective priorities for threatened species is a requirement of the NSW *Threatened Species Conservation Act 1995* (TSC Act). The PAS outlines strategies for managing threatened species, threatened ecological communities, endangered populations and key threatening processes in NSW.

The PAS program, which has been operating since 2007, must be reviewed every three years. A revised PAS (PAS2) is currently being developed, incorporating findings of the latest PAS review. The first phase of the PAS2 program (2012–2016) will focus on managing and prioritising threatened species. During this time, methods for managing and prioritising endangered populations and threatened ecological communities will be developed for the next phase of the program. While these new methods are being developed, existing PAS actions and recovery plans can be used to guide CMA programs.

3.2 Six management streams for threatened species

The PAS2 identifies six categories of threatened species with distinctly different management requirements. All listed threatened species have been allocated to one of these 'management streams' (see Table 2). The management streams have been designed to help decision-makers and the public organise effort and determine the most appropriate management for each species.

OEH has provided each CMA with a draft list of the threatened species that have been recorded in their region, arranged by management stream. Final lists will be provided by the end of 2012. It is expected that draft management projects for all species (species projects) will be completed by December 2012. Draft species projects with management sites outside NPWS reserves will be provided to relevant agencies and CMAs to review the estimated costs and feasibility of the proposed management actions.

Table 2: The six management streams for threatened species in NSW

| Site-managed species (~42% of all threatened spp.) require active site-based management. These species will be managed via targeted projects that are developed by experts, widely reviewed, assessed for feasibility, costed and prioritised | Landscape-managed species (~14%) are typically widely distributed and/or highly mobile and are subject to threats at landscape scales (most often habitat loss or degradation). These species will be managed predominantly via vegetation management policies and programs |
|---|---|
| Iconic species (1%) have exceptional social and/or cultural values in the community. Iconic Species Projects will be prepared based on existing recovery plans that will outline management sites, actions and costs. Iconic species will not be prioritised on the basis of cost-effectiveness | Partnership species (~16%) are migratory, vagrant, or have less than 10% of their distribution within NSW. Programs for these species are coordinated by other jurisdictions and NSW will remain an active participant |
| Data-deficient species (~18%) are species for which there is insufficient information on ecology, threats or distribution to develop a species project. A profile will outline key knowledge gaps and priorities for research and survey for OEH and partner institutions such as universities | Keep watch species (~10%) require no immediate investment, either because they have few known threats or they are known to be much more abundant than previously assumed. OEH will regularly review their status with respect to demographic or ecological changes |

3.3 Species projects

Site-managed species projects will include information on implementation costs, benefit to the species and likelihood of success of each management action. These values will be incorporated into a cost-effectiveness priority score. Projects will then be placed into high, medium and low priority groups that can be used by a range of agencies to guide investment decisions from a statewide perspective. CMAs can use the priority categories to help guide the cost-effective allocation of resources for threatened species management within their catchment.

The site-managed species projects will detail management and monitoring actions at management sites. These sites occur on a range of public tenures (including OEH reserves, state forests, travelling stock routes and other public reserves) as well as on private lands (freehold and leasehold). Private landholders with management sites will be consulted to determine if they are willing to undertake voluntary management with funding assistance. Where landholders are not willing to participate, alternative sites will be explored.

OEH will engage all key implementation partners (including CMAs) during the annual project selection phase to identify and/or review their respective commitments to high priority projects. CMAs will be invited to:

- identify high priority projects within their catchment for which the CMA has capacity
 to participate in some/all actions in partnership with OEH, particularly with regard
 to sites occurring on private tenure
- identify projects for which the CMA could assume a lead role (for example, by coordinating a project in which all or most management sites occur on private land).

Species projects will be published online, to enable easy access. CMAs can choose to collaborate with any number of potential partners when implementing projects, including:

- corporate investors who will have the opportunity to support individual species via funding management activity for Site-managed or Iconic speces
- individual landholders who agree to participate in the program. Landholders can
 receive information via the website regarding how actions on their property can
 contribute to the species' security. CMAs may provide support and advice to local
 landholders who choose to be involved
- community groups wishing to participate in implementation of actions at management sites occurring in their local area may be supported by or partner with the CMA.

3.4 Integrating PAS2 investment priorities

OEH recommends that CMAs undertake a four step process to incorporate PAS2 priorities into CAPs and investment plans:

Step 1. Obtain support/reference materials from OEH

OEH has provided each CMA with a list of threatened species requiring management within the catchment, arranged according to management stream. OEH has also been seeking comments from CMAs on those draft species projects that have management sites on private land in their CMA. The species projects will be finalised by the end of 2012.

Species summary documents for all Data-deficient, Keep Watch and Partnership species occurring within the CMA, outlining key management and/or research requirements for each species will be provided in mid 2013.

Summary documents will also be provided for all Landscape-managed species in the CMA, outlining habitat requirements and the type and location of vegetation management and/or threat abatement activity that will benefit the species in July 2013.

Step 2: Identify Site-managed species projects for which the CMA could participate in implementation, given existing commitments, priorities and available resources

CMAs will seek to incorporate regional priorities for threatened species management in their CAP upgrades. Where capacity allows, OEH would encourage CMAs to align with the statewide priorities presented in the PAS2 (i.e. the investment priority categories for Site-managed species projects).

Step 3: Participate in the project selection phase

Where CMAs consider themselves best placed to lead the collaborative delivery of a project (for example, where all proposed management sites and actions occur on private land), OEH would welcome the opportunity to discuss this option further. This includes forming partnerships with OEH, other CMAs, other state agencies, local government, community groups or universities, and will be coordinated by OEH.

Step 4: Identify areas where vegetation management and/or threat abatement would benefit landscape species

Maintaining and increasing the extent of Landscape-managed species will largely rely on managing the native vegetation types used by these species.

An outline of how the revised PAS program can be referred to in CAPs and supporting documents is provided below:

Draft CAP – Suggested text that can be used or adapted is provided in **Box 2** below.

Box 2: Suggested text about the revised PAS for draft CAPs

The *Theatened Species Conservation Act 1995* (TSC Act) and the *Fisheries Management Act 1994* provide for the development and implementation of a Priorities Action Statement (PAS). A PAS outlines strategies for managing the threatened species, ecological communities, endangered populations and key threatening processes listed under each Act, and relative priorities for implementation of recovery and threat abatement strategies. The program has been operating since 2007.

OEH is undertaking a review of its implementation and evaluating its effectiveness. A new program (PAS2) is being developed in response to the findings and recommendations of the review. The goal of the new PAS2 is to maximise the number of threatened species that are secure in the wild in NSW. Key features include the development of species projects that will provide detailed information on the management and monitoring required for threatened species that can be secured through management at specific sites. Furthermore, these projects will be categorised on the basis of cost-effectiveness, to inform decisions on how to allocate NSW Government funding for threatened species management.

A new online database is also being developed that will provide access to the species projects and investment priority categories for use by other potential investors interested in contributing to threatened species conservation. Annual investment plans that are developed to implement the CAP will consider the priorities identified in the PAS2.

Supporting documents – Supporting documents for the CAP could include a list of threatened species that occur in the catchment and their management stream. Once the cost-effectiveness analysis of Site-managed species projects has been undertaken in December 2012, the investment priority categories (i.e. high, medium and low) could also be shown for each of these species. Consideration could also be given to including a map(s) of management sites for high priority Site-managed species.

An outline of the management and research/survey actions proposed for species in the other management streams could also be included.

OEH is developing a new database to support the PAS2. The PAS2 database will be available online and will include information on all the species projects including maps of management sites. The new database will be operational by mid 2013 in time for the commencement of the PAS2 in July 2013. CMAs are being consulted on the development of the database. The supporting document could refer to the PAS2 database, and a summary of its functions and content is provided in **Box 3**.

Box 3: Database to support the PAS2

Coordinating species projects and tracking outcomes for threatened species across the state is a large and complex task, which will be supported by a new online database developed and managed by OEH. The PAS2 database will link to the OEH threatened species website so that it can be accessed by any individual or group with internet access.

The PAS2 database will:

- display all species projects and species action statements on the website, providing a blueprint for coordinating species management across multiple tenures, jurisdictions and stakeholders around the state
- allow users to identify species and actions in their local area
- collect and store monitoring and outcome information
- generate reports for tracking performance for different users such as species project coordinators, action implementers, and species champions.

Annual investment plans – The investment priority categories and draft projects will be released for public comment in March 2013. Potential investors will be invited to nominate which projects they would be willing to contribute funding to, and/or actions they would be willing to undertake on management sites that occur on their lands.

For the Site-managed species, OEH will use the project priority categories to develop a draft program of projects that could be implemented with the funding available from OEH and other investors. The draft program will be provided to CMAs and other potential partners including agencies and councils that are associated with the management sites. As the projects require management actions on all management sites to be implemented in order to be effective, agreement of partners will be sought for the project to remain part of the program. It is planned to announce the three-year program of projects in mid 2013 and allocate funding so implementation can commence in August 2013.

4 Reporting

CMAs are encouraged to report on how CAP programs contribute towards:

- a) spatial relationships between investments and areas of highest NVM benefit
- b) implementation of high priority PAS2 species projects, and
- c) narrative around how projects have been designed to deliver optimal NRM outcomes based on values, priorities, opportunities and longer-term investment considerations.

5 Further information

Related documents

NSW Native Vegetation Management Benefits Analyses: Technical report, Office of Environment and Heritage NSW, available at www.environment.nsw.gov.au/biodiversity/nswbiostrategy.htm.

Native vegetation management benefits datasets for 'manage', 'improve', 'revegetate' and 'consolidate' are available at either:

- www.environment.nsw.gov.au/research/AncillaryVegetationProductsDataInventory.htm, or
- http://mapdata.environment.nsw.gov.au/DDWA/.

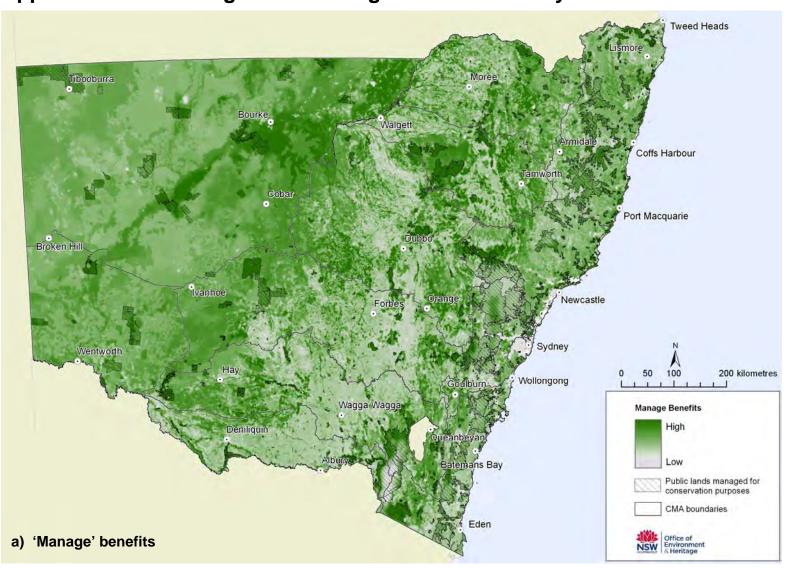
Principles for the Regional NRM Planning for Climate Change Fund, Department of Sustainability, Environment, Water, Population and Communities, available at www.environment.gov.au/cleanenergyfuture/regional-fund/about.html

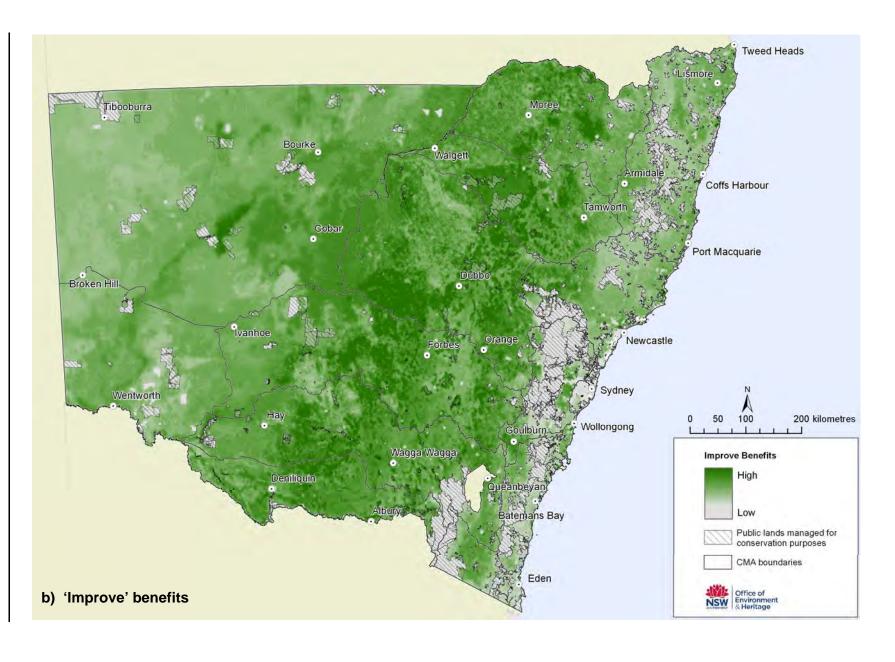
Australia's Biodiversity Conservation Strategy 2010–2030, Department of Sustainability, Environment, Water, Population and Communities, available at www.environment.gov.au/biodiversity/publications/strategy-2010-30/index.html

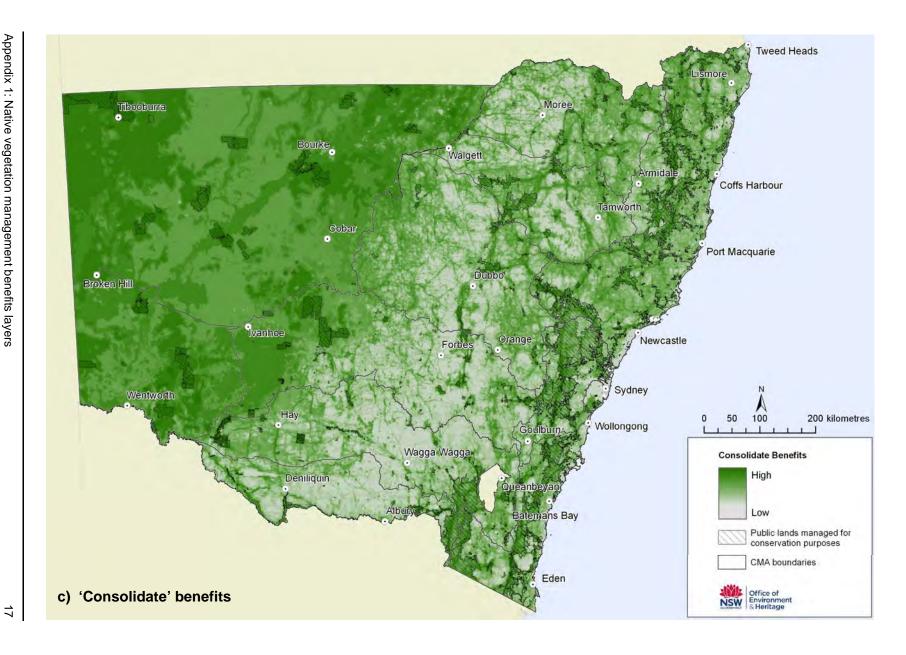
Enquiries

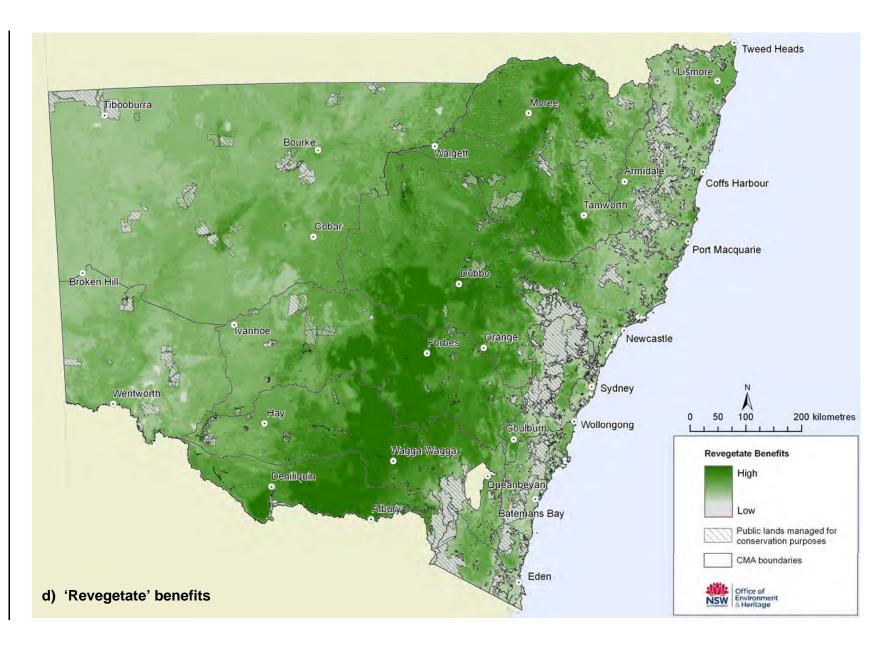
Enquiries about this guidance note should be directed to the Environment Line: 131 555 (NSW only) or info@environment.nsw.gov.au.

Appendix 1: Native vegetation management benefits layers









Appendix 2: Extent of highest NVM benefit in each ecosystem type by CMA and land tenure

| | | | Vegetated 6 | extent (ha) | | NVM bene | fits (ha) | |
|-----------------|----------------|--|-------------|-------------|---------------------|-------------|------------|-----------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total |
| Alpine Complex | 5.15 | Reserved | 151,748 | 150,264 | 20 | 99,456 | 0 | |
| • | Public | Not reserved | 1,056 | 728 | 0 | 56 | 0 | |
| | Debeate | With covenant | 16 | 16 | 4 | 12 | 0 | |
| | Private | Without covenant | 2,124 | 1,356 | 0 | 96 | 0 | |
| | All | | 154,944 | 152,364 | 24 | 99,620 | 0 | 99,64 |
| Arid acacia | D. J. E. | Reserved | 613,268 | 607,932 | 22,748 | 140 | 0 | |
| shrublands* | Public | Not reserved | 61,980 | 60,184 | 28 | 60 | 0 | |
| | Debeate | With covenant | 443,240 | 441,620 | 5,476 | 0 | 0 | |
| | Private | Without covenant | 7,778,256 | 7,723,376 | 11,436 | 132 | 0 | |
| | All | | 8,896,744 | 8,833,112 | 39,688 | 332 | 0 | 40,02 |
| Arid chenopod | Public | Reserved | 835,884 | 757,224 | 114,336 | 63,720 | 0 | |
| shrublands* | Public | Not reserved | 403,904 | 239,960 | 2,152 | 11,204 | 0 | |
| | Debeate | With covenant | 339,800 | 315,712 | 7,816 | 3,220 | 0 | |
| | Private | Without covenant | 6,458,728 | 5,556,028 | 29,152 | 85,496 | 16 | |
| | All | | 8,038,316 | 6,868,924 | 153,456 | 163,640 | 16 | 317,11 |
| Dry sclerophyll | Bublic | Reserved | 3,412,940 | 3,280,048 | 1,049,352 | 1,358,672 | 292 | |
| forest | Public | Not reserved | 1,356,104 | 988,872 | 118,264 | 178,336 | 2,364 | |
| | Private | With covenant | 254,916 | 163,784 | 41,264 | 42,768 | 368 | - |
| | Private | Without covenant | 7,922,744 | 3,383,384 | 767,576 | 771,080 | 48,956 | |
| | All | | 12,946,704 | 7,816,088 | 1,976,456 | 2,350,856 | 51,980 | 4,379,29 |
| Forested | D. J. E. | Reserved | 273,812 | 240,048 | 134,704 | 42,416 | 900 | |
| wetlands | Public | Not reserved | 289,584 | 196,232 | 22,280 | 55,316 | 4,564 | |
| | Debeste | With covenant | 52,300 | 29,696 | 11,904 | 6,200 | 1,820 | |
| | Private | Without covenant | 1,611,184 | 580,624 | 91,988 | 123,128 | 48,000 | |
| | All | | 2,226,880 | 1,046,600 | 260,876 | 227,060 | 55,284 | 543,22 |
| Grasslands | | Reserved | 151,048 | 107,572 | 62,944 | 10,684 | 124 | |
| | Public | Not reserved | 121,980 | 25,636 | 9,976 | 4,204 | 208 | |
| | 5 | With covenant | 219,308 | 111,360 | 95,208 | 1,340 | 864 | |
| | Private | Without covenant | 2,264,292 | 952,448 | 158,988 | 32,332 | 11,532 | |
| | All | | 2,756,628 | 1,197,016 | 327,116 | 48,560 | 12,728 | 388,40 |
| Grassy | 5 1 11 | Reserved | 548,096 | 415,796 | 138,864 | 195,940 | 13,672 | |
| woodlands | Public | Not reserved | 863,728 | 208,116 | 205,984 | 28,076 | 116,840 | |
| | 5 | With covenant | 233,952 | 53,372 | 40,176 | 9,476 | 18,240 | |
| | Private | Without covenant | 11,954,316 | 1,454,892 | 1,625,540 | 251,828 | 2,316,936 | |
| | All | | 13,600,092 | 2,132,176 | 2,010,564 | 485,320 | 2,465,688 | 4,961,57 |
| Heathlands | D. dell's | Reserved | 149,544 | 146,768 | 10,576 | 85,144 | 0 | |
| | Public | Not reserved | 11,528 | 10,512 | 168 | 1,264 | 0 | |
| | Debeate | With covenant | 1,120 | 1,032 | 48 | 192 | 0 | |
| | Private | Without covenant | 39,076 | 25,996 | 768 | 4,124 | 0 | - |
| | All | | 201,268 | 184,308 | 11,560 | 90,724 | 0 | 102,28 |
| Rainforest | | Reserved | 349,728 | 344,552 | 40,588 | 180,400 | 0 | |
| | Public | Not reserved | 115,520 | 97,964 | 72 | 17,680 | 0 | |
| | Duit of to | With covenant | 7,056 | 4,576 | 120 | 624 | 8 | |
| | Private | Without covenant | 395,124 | 105,924 | 1,152 | 18,680 | 4 | |
| | All | | 867,428 | 553,016 | 41,932 | 217,384 | 12 | 259,32 |
| Semi-arid | | Reserved | 2,170,488 | 1,839,572 | 563,112 | 145,520 | 1,684 | |
| woodlands | Public | Not reserved | 1,458,268 | 698,256 | 177,992 | 141,204 | 13,780 | |
| | Driveta | With covenant | 1,129,048 | 925,716 | 122,760 | 18,256 | 2,688 | |
| | Private | Without covenant | 19,623,460 | 12,681,152 | 1,421,588 | 515,136 | 178,208 | |
| | All | | 24,381,264 | 16,144,696 | 2,285,452 | 820,116 | 196,360 | 3,301,92 |
| Wet sclerophyll | | Reserved | 1,251,104 | 1,231,616 | 71,504 | 645,880 | 0 | |
| orest | Public | Not reserved | 912,332 | 779,924 | 560 | 112,300 | 0 | |
| | Driver | With covenant | 50,316 | 36,200 | 144 | 4,072 | 0 | |
| | Private | Without covenant | 1,978,600 | 1,045,100 | 3,732 | 137,164 | 0 | |
| | All | and a second second | 4,192,352 | 3,092,840 | 75,940 | 899,416 | 0 | 975,35 |
| CMA totals | | Reserved | 9,907,660 | 9,121,392 | 2,208,748 | 2,827,972 | 16,672 | |
| | Public | Not reserved | 5,595,984 | 3,306,384 | 537,476 | 549,700 | 137,756 | |
| | | With covenant | 2,731,072 | 2,083,084 | 324,920 | 86,160 | 23,988 | |
| | Private | Without covenant | 60,027,904 | 33,510,280 | 4,111,920 | 1,939,196 | 2,603,652 | |
| | All | The same of the sa | 78,262,620 | 48,021,140 | 7,183,064 | 5,403,028 | 2,782,068 | 15,368,16 |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| | | | Vegetated 6 | extent (ha) | | NVM ben | efits (ha) | | % NVM benefits in CMA as |
|----------------------|----------------|---------------------|-------------|-------------|---------------------|-------------|------------|---------|--------------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Dry | D. J. F. | Reserved | 222,048 | 202,204 | 86,452 | 60,600 | 0 | 147,052 | , |
| sclerophyll | Public | Not reserved | 120,516 | 63,540 | 3,856 | 17,016 | 4 | 20,876 | |
| forest | Private | With covenant | 40,456 | 27,352 | 1,212 | 9,108 | 0 | 10,320 | |
| | Private | Without covenant | 1,164,268 | 538,220 | 34,192 | 141,496 | 116 | 175,804 | |
| | All | | 1,547,288 | 831,316 | 125,712 | 228,220 | 120 | 354,052 | 8.0 |
| Forested | Public | Reserved | 10,868 | 6,716 | 3,536 | 3,124 | 4 | 6,664 | |
| wetlands | Public | Not reserved | 19,288 | 10,312 | 2,164 | 3,420 | 24 | 5,608 | |
| | Private | With covenant | 1,240 | 516 | 216 | 132 | 0 | 348 | |
| | Filvale | Without covenant | 99,312 | 30,140 | 8,404 | 12,764 | 300 | 21,468 | |
| | All | | 130,708 | 47,684 | 14,320 | 19,440 | 328 | 34,088 | 6.2 |
| Grasslands | Public | Reserved | 16,748 | 7,728 | 2,584 | 7,280 | 0 | 9,864 | |
| | Fublic | Not reserved | 25,132 | 3,580 | 992 | 2,260 | 4 | 3,256 | |
| | Private | With covenant | 3,736 | 328 | 0 | 36 | 0 | 36 | |
| | Filvale | Without covenant | 277,976 | 44,004 | 7,576 | 16,096 | 112 | 23,784 | |
| | All | | 323,592 | 55,640 | 11,152 | 25,672 | 116 | 36,940 | 9.5 |
| Grassy | Public | Reserved | 49,708 | 29,160 | 16,280 | 5,880 | 248 | 22,408 | |
| woodlands | Public | Not reserved | 93,940 | 19,768 | 14,672 | 5,468 | 1,092 | 21,232 | |
| | Debugte | With covenant | 18,644 | 6,116 | 1,440 | 1,896 | 0 | 3,336 | |
| | Private | Without covenant | 1,101,284 | 203,712 | 150,096 | 48,084 | 6,992 | 205,172 | |
| | All | | 1,263,576 | 258,756 | 182,488 | 61,328 | 8,332 | 252,148 | 5.0 |
| Heathlands | Public | Reserved | 1,844 | 1,840 | 708 | 444 | 0 | 1,152 | |
| | Fublic | Not reserved | 84 | 84 | 0 | 8 | 0 | 8 | |
| | Private | With covenant | 156 | 156 | 0 | 16 | 0 | 16 | |
| | Tilvate | Without covenant | 2,028 | 2,004 | 4 | 1,156 | 0 | 1,160 | |
| | All | | 4,112 | 4,084 | 712 | 1,624 | 0 | 2,336 | 2.2 |
| Rainforest | Public | Reserved | 3,576 | 2,852 | 1,984 | 320 | 0 | 2,304 | |
| | Fublic | Not reserved | 6,068 | 1,312 | 16 | 456 | 0 | 472 | |
| | Private | With covenant | 1,972 | 1,140 | 88 | 232 | 0 | 320 | |
| | Tilvate | Without covenant | 37,916 | 8,332 | 504 | 4,060 | 0 | 4,564 | |
| | All | | 49,532 | 13,636 | 2,592 | 5,068 | 0 | 7,660 | 2.9 |
| Semi-arid | Public | Reserved | 116,572 | 56,072 | 24,984 | 37,520 | 20 | 62,524 | |
| woodlands | 1 abile | Not reserved | 232,512 | 59,788 | 15,452 | 32,264 | 780 | 48,496 | |
| | Private | With covenant | 39,384 | 9,592 | 4,292 | 5,136 | 444 | 9,872 | |
| | 1 | Without covenant | 1,337,608 | 246,200 | 85,112 | 130,700 | 7,676 | 223,488 | |
| | All | | 1,726,076 | 371,652 | 129,840 | 205,620 | 8,920 | 344,380 | 10.4 |
| Wet | Public | Reserved | 6,396 | 6,248 | 1,020 | 652 | 0 | 1,672 | |
| sclerophyll orest | . 00.10 | Not reserved | 836 | 796 | 0 | 64 | 0 | 64 | |
| 0.631 | Private | With covenant | 60 | 40 | 0 | 16 | 0 | 16 | |
| | αιο | Without covenant | 9,780 | 8,632 | 4 | 1,008 | 0 | 1,012 | |
| | All | | 17,072 | 15,716 | 1,024 | 1,740 | 0 | 2,764 | 0.2 |
| CMA totals | Public | Reserved | 427,760 | 312,820 | 137,548 | 115,820 | 272 | 253,640 | |
| | | Not reserved | 498,376 | 159,180 | 37,152 | 60,956 | 1,904 | 100,012 | |
| | Private | With covenant | 105,648 | 45,240 | 7,248 | 16,572 | 444 | 24,264 | |
| | | Without covenant | 4,030,172 | 1,081,244 | 285,892 | 355,364 | 15,196 | 656,452 | |

| | | | Vegetated | extent (ha) | | NVM ber | efits (ha) | | % NVM benefits in CMA as |
|-------------------------|----------------|----------------------------|---------------------|-------------------|---------------------|------------------|---------------|-------------------|--------------------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Arid acacia | Public | Reserved | 684 | 76 | 20 | 104 | 0 | 124 | |
| shrublands* | 1 dbilo | Not reserved | 788 | 68 | 8 | 60 | 0 | 68 | |
| | Private | With covenant | 40 | 4 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 2,244 | 76 | 156 | 104 | 0 | 260 | |
| | All | | 3,756 | 224 | 184 | 268 | 0 | 452 | 1.139 |
| Arid | Public | Reserved | 27,508 | 2,172 | 716 | 6,028 | 0 | 6,744 | |
| chenopod shrublands* | | Not reserved | 67,616 | 3,680 | 1,144 | 3,860 | 0 | 5,004 | |
| | Private | With covenant | 12,448 | 348 | 968 | 528 | 0 | 1,496 | |
| | | Without covenant | 329,240 | 19,644 | 8,936 | 21,736 | 8 | 30,680 | |
| | All | | 436,812 | 25,844 | 11,764 | 32,152 | 8 | 43,924 | 13.859 |
| Dry sclerophyll | Public | Reserved | 222,896 | 203,580 | 181,776 | 9,600 | 44 | 191,420 | |
| forest | | Not reserved | 182,448 | 96,908 | 50,224 | 12,888 | 228 | 63,340 | |
| | Private | With covenant | 45,300 | 25,804 | 14,428 | 4,860 | 148 | 19,436 | |
| | | Without covenant | 1,398,608 | 476,372 | 321,152 | 83,764 | 6,100 | 411,016 | |
| _ | All | | 1,849,252 | 802,664 | 567,580 | 111,112 | 6,520 | 685,212 | 15.65 |
| Forested wetlands | Public | Reserved | 17,000 | 13,272 | 8,596 | 2,940 | 44 | 11,580 | |
| wettarius | | Not reserved | 32,304 | 22,804 | 4,696 | 2,852 | 300 | 7,848 | |
| | Private | With covenant | 5,140 | 3,540 | 608 | 1,616 | 24 | 2,248 | |
| | | Without covenant | 139,884 | 76,352 | 15,744 | 12,976 | 3,228 | 31,948 | |
| | All | | 194,328 | 115,968 | 29,644 | 20,384 | 3,596 | 53,624 | 9.87 |
| Grasslands | Public | Reserved | 7,076 | 3,980 | 304 | 876 | 0 | 1,180 | |
| | | Not reserved | 24,016 | 7,240 | 544 | 796 | 0 | 1,340 | |
| | Private | With covenant | 5,268 | 3,204 | 128 | 240 | 0 | 368 | |
| | | Without covenant | 138,076 | 32,032 | 3,020 | 2,660 | 8 | 5,688 | |
| | All | | 174,436 | 46,456 | 3,996 | 4,572 | 8 | 8,576 | 2.219 |
| Grassy woodlands | Public | Reserved | 50,600 | 18,888 | 25,696 | 4,840 | 784 | 31,320 | |
| | | Not reserved | 204,096 | 35,620 | 72,944 | 5,172 | 13,336 | 91,452 | |
| | Private | With covenant | 41,296 | 8,168 | 13,740 | 968 | 1,616 | 16,324 | |
| | | Without covenant | 2,137,920 | 239,668 | 546,820 | 33,808 | 185,080 | 765,708 | |
| | All | | 2,433,912 | 302,344 | 659,200 | 44,788 | 200,816 | 904,804 | 18.249 |
| Heathlands | Public | Reserved | 13,772 | 13,504 | 2,004 | 4,724 | 0 | 6,728 724 | |
| | | Not reserved | 5,156 | 4,916 | | 716 | | | |
| | Private | With covenant | 364 8,480 | 292 5,752 | 24 72 | 120 648 | 0 | 144 720 | |
| | A.II | Without covenant | | | | | | | 0.400 |
| Semi-arid | All | Danas d | 27,772 238,588 | 24,464 164,860 | 2,108 44,836 | 6,208 52,668 | 0 256 | 8,316 97,760 | 8.139 |
| woodlands | Public | Reserved | 594.724 | 319,964 | 84,948 | | | , | |
| | | Not reserved | | | , | 54,724 | 3,936 | 143,608 | |
| | Private | With covenant | 67,964 2,266,964 | 42,628 861,112 | 19,240 270,848 | 3,064 162,516 | 556 37,516 | 22,860 470.880 | |
| | All | Without covenant | 3,168,240 | 1,388,564 | 419,872 | 272,972 | 42,264 | 735,108 | 22.22 |
| Wet | All | Pagaryad | 8,184 | 7,020 | 1,144 | 3,188 | 42,204 | 4,332 | 22.269 |
| sclerophyll | Public | Reserved Not reserved | 22,200 | 5,300 | 1,144 | 3,100 | 0 | 372 | |
| forest | | Not reserved With covenant | 3,200 | 1,228 | 12 | 232 | 0 | 244 | |
| | Private | Without covenant | 105,272 | 31,560 | 628 | 4,188 | 0 | 4,816 | |
| | All | vviinout covenant | 138,856 | 45,108 | 1,828 | 7,936 | 0 | 9,764 | 1.00 |
| CMA totals | | Reserved | 586,324 | 427,368 | 265,092 | 84,968 | 1,128 | 351,188 | 1.00 |
| J totald | Public | Not reserved | 1,133,372 | 496,524 | 214,560 | 81,396 | 17,800 | 313,756 | |
| | | | 181,020 | 85,216 | 49,148 | 11,628 | 2,344 | 63,120 | |
| | Private | With covenant | 6,526,748 | 1,742,608 | 1,167,376 | 322,400 | 231,940 | 1,721,716 | |
| | All | Without covenant | 8,427,464 | 2,751,716 | 1,696,176 | 500,392 | 253,212 | 2,449,780 | 15.94 |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| | | | Vegetated | extent (ha) | | NVM ben | efits (ha) | | % NVM benefits in CMA as total for ecosystem |
|-----------------------|----------------|------------------|----------------------|----------------------|---------------------|-------------------|------------|-------------------|--|
| Ecosystem | Current tenure | | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | |
| Dry | Public | Reserved | 842,252 | 827,264 | 9,376 | 486,788 | 0 | 496,164 | |
| sclerophyll forest | Fublic | Not reserved | 72,860 | 60,828 | 96 | 7,680 | 0 | 7,776 | |
| 101631 | Private | With covenant | 18,720 | 10,580 | 224 | 3,196 | 0 | 3,420 | |
| | Tilvate | Without covenant | 453,908 | 268,076 | 2,980 | 51,516 | 0 | 54,496 | |
| | All | | 1,387,740 | 1,166,748 | 12,676 | 549,180 | 0 | 561,856 | 12.83% |
| Forested | Public | Reserved | 11,240 | 10,116 | 404 | 6,832 | 0 | 7,236 | |
| wetlands | . 45.10 | Not reserved | 4,172 | 1,908 | 36 | 788 | 0 | 824 | |
| | Private | With covenant | 1,464 | 480 | 8 | 124 | 0 | 132 | |
| | | Without covenant | 59,060 | 14,120 | 532 | 2,888 | 0 | 3,420 | |
| | All | | 75,936 | 26,624 | 980 | 10,632 | 0 | 11,612 | 2.14% |
| Grasslands | Public | Reserved | 16 | 12 | 0 | 0 | 0 | 0 | |
| | | Not reserved | 116 | 20 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 864 | 28 | 8 | 0 | 0 | 8 | |
| | | Without covenant | 5,984 | 280 | 32 | 0 | 0 | 32 | |
| | All | | 6,980 | 340 | 40 | 0 | 0 | 40 | 0.019 |
| Grassy woodlands | Public | Reserved | 9,568 | 7,332 | 1,648 | 1,828 | 0 | 3,476 | |
| woodianus | | Not reserved | 9,096 | 4,004 | 268 | 236 | 0 | 504 | |
| | Private | With covenant | 11,540 | 2,492 | 288 | 1,084 | 0 | 1,372 | |
| | | Without covenant | 315,072 | 57,788 | 9,804 | 3,508 | 0 | 13,312 | |
| | All | | 345,276 | 71,616 | 12,008 | 6,656 | 0 | 18,664 | 0.38% |
| Heathlands | Public | Reserved | 41,008 | 40,904 | 12 | 28,048 | 0 | 28,060 | |
| | | Not reserved | 3,228 | 3,180 | 0 | 272 | 0 | 272 | |
| | Private | With covenant | 20 | 20 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 4,952 | 4,304 | 0 | 476 | 0 | 476 | |
| | All | | 49,208 | 48,408 | 12 | 28,796 | 0 | 28,808 | 28.16% |
| Rainforest | Public | Reserved | 18,016 | 17,648 | 0 | 10,976 | 0 | 10,976 | |
| | | Not reserved | 860 | 752 | 0 | 128 | 0 | 128 | |
| | Private | With covenant | 84 | 56 | 0 | 24 | 0 | 24 | |
| | | Without covenant | 7,552 | 4,124 | 0 | 520 | 0 | 520 | |
| | All | | 26,512 | 22,580 | 0 | 11,648 | 0 | 11,648 | 4.49% |
| Wet sclerophyll | Public | Reserved | 133,512 | 131,728 | 10,512 | 60,872 | 0 | 71,384 | |
| forest | | Not reserved | 28,836 | 19,568 | 20 | 1,064 | 0 | 1,084 | |
| | Private | With covenant | 1,752 | 1,188 | 8 | 376 | 0 | 384 | |
| | | Without covenant | 90,408 | 37,292 | 144 | 6,568 | 0 | 6,712 | |
| CMA totala | All | | 254,508 | 189,776 | 10,684 | 68,880 | 0 | 79,564 | 8.16% |
| CMA totals | Public | Reserved | 1,055,612 | 1,035,004 | 21,952 | 595,344 | | 617,296 | |
| | | Not reserved | 119,168 | 90,260 | 420 | 10,168 | 0 | 10,588 | |
| | Private | With covenant | 34,444 | 14,844 | 536 | 4,804 | 0 | 5,340 | |
| | | Without covenant | 936,936 2,146,160 | 385,984 1,526,092 | 13,492 36,400 | 65,476 675,792 | 0 | 78,968 712,192 | 4.63% |

| | | | Vegetated | extent (ha) | | NVM ben | efits (ha) | | % NVM benefits in CMA as total for ecosystem |
|-----------------------|----------------|---------------------|------------------------|----------------------|---------------------|--------------------|------------|--------------------|--|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | |
| Dry | Public | Reserved | 422,144 | 394,412 | 113,068 | 165,176 | 0 | 278,244 | |
| sclerophyll forest | Fublic | Not reserved | 93,780 | 66,344 | 4,292 | 8,700 | 0 | 12,992 | |
| 101631 | Private | With covenant | 17,624 | 10,116 | 1,308 | 1,812 | 0 | 3,120 | |
| | Tilvato | Without covenant | 954,868 | 356,580 | 49,644 | 66,888 | 16 | 116,548 | |
| | All | | 1,488,416 | 827,452 | 168,312 | 242,576 | 16 | 410,904 | 9.38% |
| Forested | Public | Reserved | 29,692 | 25,696 | 10,352 | 2,792 | 0 | 13,144 | |
| wetlands | | Not reserved | 18,632 | 8,292 | 500 | 808 | 0 | 1,308 | |
| | Private | With covenant | 1,316 | 332 | 8 | 76 | 0 | 84 | |
| | | Without covenant | 257,896 | 45,736 | 1,792 | 9,148 | 4 | 10,944 | |
| | All | | 307,536 | 80,056 | 12,652 | 12,824 | 4 | 25,480 | 4.69% |
| Grasslands | Public | Reserved | 552 | 544 | 16 | 0 | 0 | 16 | |
| | | Not reserved | 4 | 0 | 4 | 0 | 0 | 4 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 8 | 8 | 4 | 0 | 0 | 4 | |
| <u>.</u> | All | | 564 | 552 | 24 | 0 | 0 | 24 | 0.01% |
| Grassy woodlands | Public | Reserved | 28,832 | 23,284 | 7,132 | 11,236 | 0 | 18,368 | |
| woodiands | | Not reserved | 21,928 | 7,920 | 1,328 | 1,584 | 0 | 2,912 | |
| | Private | With covenant | 7,744 | 1,652 | 428 | 376 | 0 | 804 | |
| | | Without covenant | 400,416 | 71,264 | 25,700 | 25,128 | 28 | 50,856 | |
| | All | | 458,920 | 104,120 | 34,588 | 38,324 | 28 | 72,940 | 1.47% |
| Heathlands | Public | Reserved | 20,056 | 18,968 | 2,724 | 9,724 | 0 | 12,448 | |
| | | Not reserved | 1,040 | 800 | 4 | 132 | 0 | 136 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 4,272 | 2,112 | 64 | 300 | 0 | 364 | |
| | All | | 25,368 | 21,880 | 2,792 | 10,156 | 0 | 12,948 | 12.66% |
| Rainforest | Public | Reserved | 82,588 | 81,824 | 1,220 | 46,648 | 0 | 47,868 | |
| | | Not reserved | 36,696 | 34,464 | 4 | 4,732 | 0 | 4,736 | |
| | Private | With covenant | 1,736 | 1,268 | 0 | 52 | 0 | 52 | |
| | | Without covenant | 69,400 | 24,080 | 92 | 3,256 | 0 | 3,348 | |
| | All | | 190,420 | 141,636 | 1,316 | 54,688 | 0 | 56,004 | 21.60% |
| Wet sclerophyll | Public | Reserved | 185,552 | 180,352 | 11,680 | 83,852 | 0 | 95,532 | |
| forest | | Not reserved | 167,572 | 154,036 | 56 | 17,736 | 0 | 17,792 | |
| | Private | With covenant | 16,996 | 13,228 | 0 | 904 | 0 | 904 | |
| | | Without covenant | 640,452 | 334,516 | 500 | 36,496 | 0 | 36,996 | |
| CMA totals | All | | 1,010,572 | 682,132 | 12,236 | 138,988 | 0 | 151,224 | 15.50% |
| CMA totals | Public | Reserved | 769,420 | 725,084 | 146,192 | 319,428 | 0 | 465,620 | |
| | | Not reserved | 339,652 | 271,856 | 6,188 | 33,692 | 0 | 39,880 | |
| | Private | With covenant | 45,416 | 26,596 | 1,744 | 3,220 | 0 | 4,964 | |
| | All | Without covenant | 2,327,312 3,481,800 | 834,296 1,857,832 | 77,796 231,920 | 141,216 497,556 | 48 | 219,060 729,524 | 4.75% |

| | | | Vegetated | extent (ha) | | NVM ber | efits (ha) | | % NVM benefits in CMA as |
|--------------------|----------------|----------------------|--------------|--------------|---------------------|--------------|------------|--------------|--------------------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Arid acacia | Public | Reserved | 640 | 640 | 0 | 0 | 0 | 0 | |
| shrublands* | . 00.10 | Not reserved | 52 | 48 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 6,360 | 5,340 | 4 | 0 | 0 | 4 | |
| | All | | 7,052 | 6,028 | 4 | 0 | 0 | 4 | 0.01 |
| Arid chenopod | Public | Reserved | 74,736 | 71,828 | 21,080 | 10,436 | 0 | 31,516 | |
| shrublands* | | Not reserved | 48,656 | 41,744 | 244 | 1,668 | 0 | 1,912 | |
| | Private | With covenant | 27,300 | 26,228 | 0 | 36 | 0 | 36 | |
| | | Without covenant | 929,908 | 857,940 | 1,740 | 8,728 | 0 | 10,468 | |
| | All | | 1,080,600 | 997,740 | 23,064 | 20,868 | 0 | 43,932 | 13.85 |
| Dry sclerophyll | Public | Reserved | 102,896 | 96,896 | 75,640 | 11,996 | 40 | 87,676 | |
| forest | | Not reserved | 55,328 | 22,980 | 10,084 | 9,424 | 620 | 20,128 | |
| | Private | With covenant | 22,516 | 13,916 | 5,176 | 6,432 | 24 | 11,632 | |
| | | Without covenant | 794,204 | 183,788 | 78,748 | 95,052 | 9,660 | 183,460 | |
| Farants 1 | All | _ | 974,944 | 317,580 | 169,648 | 122,904 | 10,344 | 302,896 | 6.929 |
| Forested wetlands | Public | Reserved | 14,540 | 11,628 | 6,948 | 2,052 | 620 | 9,620 | |
| | | Not reserved | 19,624 | 10,804 | 2,500 | 1,768 | 3,168 | 7,436 | |
| | Private | With covenant | 7,456 | 4,868 | 1,580 | 420 | 1,312 | 3,312 | |
| | | Without covenant | 164,748 | 68,324 | 18,112 | 11,768 | 29,104 | 58,984 | |
| Grasslands | All | | 206,368 | 95,624 52 | 29,140 16 | 16,008 16 | 34,204 | 79,352 40 | 14.61 |
| Grassianus | Public | Reserved | 212 120 | | 24 | 0 | 8 44 | 68 | |
| | | Not reserved | | 68 | | | | | |
| | Private | With covenant | 292 6,096 | 276 2,124 | 184 812 | 0 24 | 32 816 | 216 1,652 | |
| | | Without covenant | 6,720 | 2,124 | 1,036 | 40 | 900 | 1,976 | 0.54 |
| Grassy | All | December | 39,132 | 18,512 | 19,480 | 2,128 | 5,712 | 27,320 | 0.519 |
| woodlands | Public | Reserved | 157,152 | 16,548 | 47,128 | 2,120 | 53,020 | 103,060 | |
| | | Not reserved | 52,600 | 6,580 | 9,636 | 788 | 7,088 | 17,512 | |
| | Private | With covenant | 2,379,084 | 100,232 | 435,596 | 30,868 | 736,444 | 1,202,908 | |
| | All | Without covenant | 2,627,968 | 141,872 | 511,840 | 36,696 | 802,264 | 1,350,800 | 27.23 |
| Heathlands | All | Reserved | 372 | 372 | 360 | 0 | 002,204 | 360 | 21.23 |
| ricumunus | Public | Not reserved | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | With covenant | 68 | 68 | 16 | 0 | 0 | 16 | |
| | Private | Without covenant | 80 | 76 | 0 | 4 | 0 | 4 | |
| | All | Williout Coveriant | 520 | 516 | 376 | 4 | 0 | 380 | 0.379 |
| Semi-arid | | Reserved | 402,244 | 362,112 | 135,424 | 12,484 | 1,128 | 149,036 | 0.37 |
| woodlands | Public | Not reserved | 186,864 | 96,968 | 54,080 | 18,500 | 5,500 | 78,080 | |
| | | With covenant | 63,432 | 36,576 | 7,352 | 4,228 | 964 | 12,544 | |
| | Private | Without covenant | 2,661,324 | 1,228,960 | 245,732 | 72,284 | 80,460 | 398,476 | |
| | All | . Vitilout ooverlant | 3,313,864 | 1,724,616 | 442,588 | 107,496 | 88.052 | 638,136 | 19.339 |
| Wet | | Reserved | 8,816 | 8,468 | 6,008 | 1,092 | 0 | 7,100 | 10.00 |
| sclerophyll | Public | Not reserved | 14,148 | 2,840 | 96 | 2,132 | 0 | 2,228 | |
| forest | | With covenant | 2,860 | 388 | 0 | 20 | 0 | 20 | |
| | Private | Without covenant | 30,284 | 4,228 | 776 | 1,380 | 0 | 2,156 | |
| | All | vvialout coverialit | 56,108 | 15,924 | 6,880 | 4,624 | 0 | 11,504 | 1.18 |
| CMA totals | | Reserved | 643,588 | 570,508 | 264,956 | 40,204 | 7,508 | 312,668 | 1.10 |
| | Public | Not reserved | 481,944 | 192,000 | 114,156 | 36,404 | 62,352 | 212,912 | |
| | | With covenant | 176,524 | 88,900 | 23,944 | 11,924 | 9,420 | 45,288 | |
| | Private | Without covenant | 6,972,088 | 2,451,012 | 781,520 | 220,108 | 856,484 | 1,858,112 | |
| | All | | 8,274,144 | 3,302,420 | 1,184,576 | 308,640 | 935,764 | 2,428,980 | 15.81 |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| | | | Vegetated | Vegetated extent (ha) | | NVM benefits (ha) | | | | |
|-------------------------|----------------|-----------------------|-----------|-----------------------|---------------------|-------------------|------------|--------|----------------------------------|--|
| Ecosystem | Current tenure | t Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | CMA as total for ecosystem | |
| Arid | Public | Reserved | 224,192 | 205,716 | 47,920 | 0 | 0 | 47,920 | | |
| chenopod shrublands* | Fublic | Not reserved | 58,436 | 30,888 | 0 | 0 | 0 | 0 | | |
| Siliubialius | Private | With covenant | 54,788 | 50,332 | 4 | 0 | 0 | 4 | | |
| | Filvate | Without covenant | 1,588,012 | 1,522,956 | 436 | 0 | 0 | 436 | | |
| | All | | 1,925,428 | 1,809,892 | 48,360 | 0 | 0 | 48,360 | 15.25% | |
| Forested | Public | Reserved | 11,768 | 11,156 | 2,676 | 0 | 0 | 2,676 | | |
| wetlands | Fublic | Not reserved | 20,780 | 19,168 | 24 | 0 | 0 | 24 | | |
| | Private | With covenant | 456 | 392 | 0 | 0 | 0 | 0 | | |
| | Private | Without covenant | 45,972 | 40,928 | 44 | 0 | 0 | 44 | | |
| | All | | 78,976 | 71,644 | 2,744 | 0 | 0 | 2,744 | 0.51% | |
| Semi-arid | Public | Reserved | 395,692 | 367,520 | 32,980 | 0 | 0 | 32,980 | | |
| woodlands | Fublic | Not reserved | 68,956 | 57,428 | 300 | 0 | 0 | 300 | | |
| | Private | With covenant | 321,016 | 300,012 | 756 | 0 | 0 | 756 | | |
| | Filvate | Without covenant | 3,078,496 | 2,796,296 | 6,368 | 0 | 0 | 6,368 | | |
| | All | | 3,864,160 | 3,521,256 | 40,404 | 0 | 0 | 40,404 | 1.22% | |
| CMA totals | Public | Reserved | 653,404 | 606,012 | 83,576 | 0 | 0 | 83,576 | | |
| | Fublic | Not reserved | 157,464 | 116,128 | 324 | 0 | 0 | 324 | | |
| | Private | With covenant | 389,772 | 364,224 | 760 | 0 | 0 | 760 | | |
| | riivate | Without covenant | 4,985,148 | 4,632,848 | 6,848 | 0 | 0 | 6,848 | | |
| | All | | 6,185,788 | 5,719,212 | 91,508 | 0 | 0 | 91,508 | 0.60% | |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| | | | Vegetated | extent (ha) | | NVM benefits (ha) | | | | |
|-------------------------|----------------|---------------------|-----------|-------------|---------------------|-------------------|------------|-----------|----------------------------------|--|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | CMA as total for ecosystem | |
| Alpine | Dublic | Reserved | 40,672 | 40,656 | 12 | 27,812 | 0 | 27,824 | | |
| Complex | Public | Not reserved | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Private | With covenant | 4 | 4 | 4 | 0 | 0 | 4 | | |
| | Filvale | Without covenant | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | All | | 40,676 | 40,660 | 16 | 27,812 | 0 | 27,828 | 27.93 | |
| Arid | Public | Reserved | 9,856 | 7,852 | 616 | 6,648 | 0 | 7,264 | | |
| chenopod shrublands* | Fublic | Not reserved | 11,848 | 5,020 | 32 | 496 | 0 | 528 | | |
| Siliubialius | Private | With covenant | 5,052 | 4,500 | 328 | 1,552 | 0 | 1,880 | | |
| | riivale | Without covenant | 189,880 | 95,336 | 1,220 | 13,404 | 8 | 14,632 | | |
| | All | | 216,636 | 112,708 | 2,196 | 22,100 | 8 | 24,304 | 7.66 | |
| Dry | Public | Reserved | 70,288 | 68,852 | 51,444 | 12,452 | 0 | 63,896 | | |
| sclerophyll forest | i ubiic | Not reserved | 15,740 | 5,780 | 1,564 | 1,960 | 40 | 3,564 | | |
| 10.031 | Private | With covenant | 5,504 | 3,332 | 1,744 | 464 | 4 | 2,212 | | |
| | riivale | Without covenant | 129,208 | 42,492 | 14,472 | 10,548 | 2,708 | 27,728 | | |
| | All | | 220,740 | 120,456 | 69,224 | 25,424 | 2,752 | 97,400 | 2.22 | |
| Forested | Public | Reserved | 56,664 | 50,556 | 43,344 | 5,732 | 104 | 49,180 | - | |
| wetlands | Public | Not reserved | 66,776 | 55,072 | 3,516 | 40,056 | 240 | 43,812 | | |
| | Private | With covenant | 21,980 | 12,920 | 7,168 | 3,148 | 36 | 10,352 | | |
| | | Without covenant | 221,856 | 104,112 | 19,332 | 52,696 | 8,032 | 80,060 | | |
| | All | | 367,276 | 222,660 | 73,360 | 101,632 | 8,412 | 183,404 | 33.76 | |
| Grasslands | Public | Reserved | 6,044 | 624 | 2,132 | 940 | 60 | 3,132 | | |
| | 1 dbilo | Not reserved | 11,720 | 656 | 2,520 | 136 | 88 | 2,744 | | |
| | Private | With covenant | 72,364 | 5,432 | 38,340 | 652 | 792 | 39,784 | | |
| | | Without covenant | 196,092 | 11,512 | 53,060 | 1,400 | 7,676 | 62,136 | | |
| | All | | 286,220 | 18,224 | 96,052 | 3,128 | 8,616 | 107,796 | 27.75 | |
| Grassy | Public | Reserved | 50,108 | 42,412 | 20,484 | 17,280 | 2,752 | 40,516 | | |
| woodlands | 1 ubiic | Not reserved | 69,360 | 22,248 | 13,388 | 1,156 | 19,352 | 33,896 | | |
| | Private | With covenant | 18,784 | 3,188 | 2,748 | 556 | 3,604 | 6,908 | | |
| | Tilvate | Without covenant | 1,303,736 | 80,276 | 78,316 | 13,988 | 704,360 | 796,664 | | |
| | All | | 1,441,988 | 148,124 | 114,936 | 32,980 | 730,068 | 877,984 | 17.70 | |
| Rainforest | Public | Reserved | 108 | 108 | 8 | 56 | 0 | 64 | | |
| | . abiio | Not reserved | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | | Without covenant | 0 | 0 | 0 | 0 | 0 | 0 | | |
| | All | | 108 | 108 | 8 | 56 | 0 | 64 | 0.02 | |
| Semi-arid | Public | Reserved | 23,892 | 11,228 | 7,440 | 7,064 | 152 | 14,656 | | |
| woodlands | | Not reserved | 45,084 | 14,648 | 3,360 | 9,176 | 964 | 13,500 | | |
| | Private | With covenant | 33,024 | 5,828 | 6,260 | 2,148 | 528 | 8,936 | | |
| | | Without covenant | 663,132 | 84,408 | 32,848 | 51,564 | 34,596 | 119,008 | | |
| | All | | 765,132 | 116,112 | 49,908 | 69,952 | 36,240 | 156,100 | 4.73 | |
| Wet | Public | Reserved | 69,540 | 68,900 | 3,564 | 51,212 | 0 | 54,776 | | |
| sclerophyll forest | | Not reserved | 19,288 | 14,956 | 240 | 1,272 | 0 | 1,512 | | |
| TOTEST | Private | With covenant | 236 | 216 | 84 | 40 | 0 | 124 | | |
| | | Without covenant | 14,028 | 5,104 | 200 | 648 | 0 | 848 | | |
| | All | | 103,092 | 89,176 | 4,088 | 53,172 | 0 | 57,260 | 5.87 | |
| CMA totals | Public | Reserved | 327,172 | 291,188 | 129,044 | 129,196 | 3,068 | 261,308 | | |
| | | Not reserved | 239,816 | 118,380 | 24,620 | 54,252 | 20,684 | 99,556 | | |
| | Private | With covenant | 156,948 | 35,420 | 56,676 | 8,560 | 4,964 | 70,200 | | |
| | | Without covenant | 2,717,932 | 423,240 | 199,448 | 144,248 | 757,380 | 1,101,076 | | |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| | | | Vegetated | extent (ha) | | % NVM benefits in | | | |
|-------------------------|-------------------|---------------------|----------------------|-------------|---------------------|----------------------|------------|-----------|----------------------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | CMA as total for ecosystem |
| Alpine | Public | Reserved | 51,356 | 51,324 | 8 | 34,040 | 0 | 34,048 | |
| Complex | Public | Not reserved | 8 | 8 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 12 | 12 | 0 | 12 | 0 | 12 | |
| | Filvale | Without covenant | 80 | 72 | 0 | 24 | 0 | 24 | |
| | All | | 51,456 | 51,416 | 8 | 34,076 | 0 | 34,084 | 34.21 |
| Arid | Public | Reserved | 86,756 | 58,392 | 32,376 | 40,396 | 0 | 72,772 | |
| chenopod shrublands* | 1 dbilo | Not reserved | 174,340 | 115,736 | 608 | 5,152 | 0 | 5,760 | |
| 3111 abianas | Private | With covenant | 16,876 | 11,268 | 80 | 1,104 | 0 | 1,184 | |
| | 1 | Without covenant | 838,700 | 495,164 | 9,612 | 41,392 | 0 | 51,004 | |
| | All | | 1,116,672 | 680,560 | 42,676 | 88,044 | 0 | 130,720 | 41.22 |
| Dry | Public | Reserved | 189,084 | 176,424 | 114,408 | 42,320 | 208 | 156,936 | |
| sclerophyll forest | . 0.5/10 | Not reserved | 90,296 | 38,288 | 8,752 | 9,272 | 1,456 | 19,480 | |
| | Private | With covenant | 25,268 | 15,340 | 4,372 | 3,360 | 184 | 7,916 | |
| | αιο | Without covenant | 647,376 | 185,648 | 76,448 | 60,456 | 29,184 | 166,088 | |
| | All | | 952,024 | 415,700 | 203,980 | 115,408 | 31,032 | 350,420 | 8.00 |
| Forested | Public | Reserved | 35,940 | 32,672 | 31,212 | 1,464 | 128 | 32,804 | |
| wetlands | | Not reserved | 21,000 | 13,468 | 3,076 | 720 | 740 | 4,536 | |
| | Private | With covenant | 5,356 | 3,008 | 1,908 | 236 | 440 | 2,584 | |
| | | Without covenant | 112,672 | 51,648 | 18,984 | 5,796 | 6,552 | 31,332 | |
| | All | | 174,968 | 100,796 | 55,180 | 8,216 | 7,860 | 71,256 | 13.12 |
| Grasslands | Public | Reserved | 7,480 | 1,604 | 1,524 | 528 | 0 | 2,052 | |
| | | Not reserved | 26,172 | 2,220 | 3,072 | 212 | 0 | 3,284 | |
| | Private | With covenant | 22,752 | 548 | 9,712 | 60 | 16 | 9,788 | |
| | | Without covenant | 211,908 | 25,476 | 37,512 | 3,048 | 408 | 40,968 | |
| | All | | 268,312 | 29,848 | 51,820 | 3,848 | 424 | 56,092 | 14.44 |
| Grassy | Public | Reserved | 161,136 | 140,384 | 27,496 | 74,620 | 4,096 | 106,212 | |
| woodlands | | Not reserved | 171,268 | 49,024 | 37,496 | 3,984 | 28,884 | 70,364 | |
| | Private | With covenant | 49,152 | 11,236 | 6,492 | 1,592 | 5,472 | 13,556 | |
| | | Without covenant | 2,116,772 | 215,196 | 160,444 | 30,084 | 650,096 | 840,624 | |
| | All | | 2,498,328 | 415,840 | 231,928 | 110,280 | 688,548 | 1,030,756 | 20.77 |
| Heathlands | Public | Reserved | 372 | 372 | 128 | 228 | 0 | 356 | |
| | | Not reserved | 8 | 8 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 36 | 36 | 4 | 0 | 0 | 4 | |
| | All | | 416 | 416 | 132 | 228 | 0 | 360 | 0.35 |
| Semi-arid | Public | Reserved | 71,832 | 44,092 | 39,552 | 12,844 | 128 | 52,524 | |
| woodlands | | Not reserved | 110,300 | 31,800 | 11,084 | 12,304 | 2,600 | 25,988 | |
| | Private | With covenant | 30,284 | 8,688 | 9,188 | 2,144 | 196 | 11,528 | |
| | | Without covenant | 1,269,652 | 199,836 | 202,964 | 52,400 | 17,848 | 273,212 | |
| | All | | 1,482,068 | 284,416 | 262,788 | 79,692 | 20,772 | 363,252 | 11.00 |
| Wet | Public | Reserved | 70,676 | 69,344 | 19,668 | 32,028 | 0 | 51,696 | |
| sclerophyll forest | | Not reserved | 59,484 | 25,628 | 16 | 3,584 | 0 | 3,600 | |
| Torest | Private | With covenant | 1,648 | 1,444 | 28 | 36 | 0 | 64 | |
| | | Without covenant | 57,132 | 34,716 | 432 | 4,956 | 0 | 5,388 | |
| | All | | 188,940 | 131,132 | 20,144 | 40,604 | 0 | 60,748 | 6.23 |
| CMA totals | Public | Reserved | 674,632 | 574,608 | 266,372 | 238,468 | 4,560 | 509,400 | |
| | | Not reserved | 652,876 | 276,180 | 64,104 | 35,228 | 33,680 | 133,012 | |
| | Private | With covenant | 151,348 5,254,328 | 51,544 | 31,780 | 8,544 | 6,308 | 46,632 | |
| | | Without covenant | | 1,207,792 | 506,400 | 198,156 | 704,088 | 1,408,644 | |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

| Namo | i CMA | 1 | | | | | | | |
|-----------------------|----------------|-----------------------|------------------------|----------------------|---------------------|--------------------|------------------|----------------------|--------------------------------------|
| | | | Vegetated | extent (ha) | | NVM ber | nefits (ha) | T | % NVM benefits in CMA as total |
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | for ecosystem |
| Dry | Public | Reserved | 336,084 | 321,780 | 297,692 | 12,452 | 0 | 310,144 | |
| sclerophyll forest | 1 ubile | Not reserved | 314,720 | 272,972 | 39,180 | 51,364 | 16 | 90,560 | |
| Torest | Private | With covenant | 37,704 | 22,552 | 12,612 | 5,700 | 8 | 18,320 | |
| | 1 HVate | Without covenant | 1,060,160 | 528,268 | 187,536 | 123,328 | 1,172 | 312,036 | |
| | All | | 1,748,668 | 1,145,572 | 537,020 | 192,844 | 1,196 | 731,060 | 16.69% |
| Forested | Public | Reserved | 10,352 | 8,936 | 6,492 | 1,216 | 0 | 7,708 | |
| wetlands | Fublic | Not reserved | 13,192 | 8,716 | 2,388 | 1,400 | 92 | 3,880 | |
| | Private | With covenant | 1,984 | 892 | 388 | 240 | 8 | 636 | |
| | Filvale | Without covenant | 75,304 | 29,008 | 7,612 | 4,632 | 780 | 13,024 | |
| | All | | 100,832 | 47,552 | 16,880 | 7,488 | 880 | 25,248 | 4.65% |
| Grasslands | Public | Reserved | 4,004 | 496 | 172 | 100 | 56 | 328 | |
| | Public | Not reserved | 14,644 | 1,996 | 2,372 | 40 | 72 | 2,484 | |
| | | With covenant | 2,788 | 536 | 160 | 68 | 24 | 252 | |
| | Private | Without covenant | 263,632 | 26,644 | 9,808 | 972 | 2,512 | 13,292 | |
| | All | | 285,068 | 29,672 | 12,512 | 1,180 | 2,664 | 16,356 | 4.21% |
| Grassy woodlands | | Reserved | 26,324 | 15,356 | 9,172 | 2,364 | 80 | 11,616 | , |
| | Public | Not reserved | 57,864 | 25,684 | 18,696 | 1,876 | 1,156 | 21,728 | |
| | Debeate | With covenant | 12,020 | 6,144 | 5,344 | 1,088 | 460 | 6,892 | |
| | Private | Without covenant | 1,098,372 | 266,120 | 217,236 | 32,648 | 33,936 | 283,820 | |
| | All | Transact coronant | 1,194,580 | 313,304 | 250,448 | 37,976 | 35,632 | 324,056 | 6.53% |
| Heathlands | | Reserved | 760 | 756 | 672 | 72 | 0 | 744 | 0.007 |
| | Public | Not reserved | 356 | 356 | 152 | 76 | 0 | 228 | |
| | Debeate | With covenant | 88 | 84 | 8 | 48 | 0 | 56 | |
| | Private | Without covenant | 3,024 | 2,532 | 592 | 1,020 | 0 | 1,612 | |
| | All | Without coveriant | 4,228 | 3,728 | 1,424 | 1,216 | 0 | 2,640 | 2.589 |
| Rainforest | | Reserved | 1,680 | 1,064 | 516 | 52 | 0 | 568 | 2.507 |
| rtumorest | Public | Not reserved | 384 | 240 | 40 | 48 | 0 | 88 | |
| | | With covenant | 288 | 44 | 32 | 24 | 8 | 64 | |
| | Private | Without covenant | 7,020 | 2,264 | 424 | 448 | 4 | 876 | |
| | All | without covenant | 9.372 | 3.612 | 1.012 | 572 | 12 | 1.596 | 0.000 |
| Semi-arid | | Recorded | 94,072 | 38,744 | 11,092 | 22,256 | 0 | 33,348 | 0.629 |
| woodlands | Public | Reserved Not reserved | 118,252 | 28,772 | 3,972 | 12,980 | 0 | 16,952 | |
| | | | 9,960 | 3,396 | 868 | 1,448 | 0 | 2.316 | |
| | Private | With covenant | 588.772 | 114.644 | 16.488 | 39.804 | 112 | 56.404 | |
| | All | Without covenant | 811,056 | 185,556 | 32,420 | 76,488 | 112 | 109,020 | 2.000 |
| Wet | All | Decemend | 6,980 | 6,504 | 188 | 3,000 | 0 | 3,188 | 3.30% |
| sclerophyll | Public | Reserved | 8.824 | 8.224 | 4 | 136 | 0 | 140 | |
| forest | | Not reserved | 1,144 | 868 | 0 | 416 | 0 | 416 | |
| | Private | With covenant | · · | | | 4,416 | 0 | | - |
| | | Without covenant | 27,356 | 12,784 | 900 | | | 5,316 | 0.777 |
| CMA to tala | All | | 44,304 | 28,380 | 1,092 | 7,968 | 0 | 9,060 | 0.93% |
| CMA totals | Public | Reserved | 480,256 | 393,636 | 325,996 | 41,512 | 136 | 367,644 | |
| | | Not reserved | 528,240 | 346,960 | 66,804 | 67,920 | 1,336 | 136,060 | |
| | Private | With covenant | 65,976 | 34,516 | 19,412 | 9,032 | 508 | 28,952 | |
| | All | Without covenant | 3,123,780 4,198,252 | 982,264 1,757,376 | 440,596 852,808 | 207,272 325,736 | 38,516 40,496 | 686,384 1,219,040 | 7.93% |

| | | | Vegetated | extent (ha) | NVM benefits (ha) | | | | % NVM benefits in CMA as |
|------------------------------|----------------|---------------------|-----------|-------------|---------------------|-------------|------------|-----------|--------------------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Dry sclerophyll forest | Public | Reserved | 434,800 | 426,432 | 13,424 | 278,324 | 0 | 291,748 | |
| | Public | Not reserved | 232,652 | 211,128 | 44 | 36,888 | 0 | 36,932 | |
| rorest | Private | With covenant | 26,680 | 21,628 | 0 | 4,064 | 0 | 4,064 | |
| | Filvate | Without covenant | 853,224 | 542,588 | 136 | 87,784 | 0 | 87,920 | |
| | All | | 1,547,356 | 1,201,776 | 13,604 | 407,060 | 0 | 420,664 | 9.619 |
| Forested | Public | Reserved | 60,524 | 55,420 | 20,652 | 10,688 | 0 | 31,340 | |
| wetlands | Public | Not reserved | 55,592 | 32,596 | 2,060 | 2,432 | 0 | 4,492 | |
| | Private | With covenant | 3,900 | 1,936 | 20 | 52 | 0 | 72 | |
| | Private | Without covenant | 343,644 | 93,048 | 600 | 6,640 | 0 | 7,240 | |
| | All | | 463,660 | 183,000 | 23,332 | 19,812 | 0 | 43,144 | 7.949 |
| Grasslands | Public | Reserved | 1,608 | 1,324 | 8 | 52 | 0 | 60 | |
| | Public | Not reserved | 44 | 24 | 0 | 0 | 0 | 0 | |
| | D | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Private | Without covenant | 148 | 72 | 0 | 0 | 0 | 0 | |
| | All | | 1,800 | 1,420 | 8 | 52 | 0 | 60 | 0.029 |
| Grassy woodlands | 5.15 | Reserved | 18,560 | 12,024 | 944 | 5,716 | 0 | 6,660 | |
| | Public | Not reserved | 44,288 | 14,896 | 36 | 2,232 | 0 | 2,268 | |
| | 5 | With covenant | 10,848 | 3,088 | 0 | 468 | 0 | 468 | |
| | Private | Without covenant | 668,208 | 104,336 | 96 | 15,788 | 0 | 15,884 | |
| | All | | 741,904 | 134,344 | 1,076 | 24,204 | 0 | 25,280 | 0.519 |
| Heathlands | 5.15 | Reserved | 12,936 | 11,896 | 3,964 | 1,832 | 0 | 5,796 | |
| | Public | Not reserved | 524 | 408 | 4 | 0 | 0 | 4 | |
| | 5 | With covenant | 136 | 128 | 0 | 4 | 0 | 4 | |
| | Private | Without covenant | 3,652 | 2,520 | 32 | 84 | 0 | 116 | |
| | All | | 17,248 | 14,952 | 4,000 | 1,920 | 0 | 5,920 | 5.79% |
| Rainforest | | Reserved | 219,276 | 216,928 | 36,704 | 109,540 | 0 | 146,244 | |
| | Public | Not reserved | 62,524 | 52,500 | 12 | 11,048 | 0 | 11,060 | |
| | | With covenant | 2,412 | 1,708 | 0 | 268 | 0 | 268 | |
| | Private | Without covenant | 243,356 | 54,464 | 132 | 9,192 | 0 | 9,324 | |
| | All | | 527,568 | 325,600 | 36,848 | 130,048 | 0 | 166,896 | 64.369 |
| Wet | | Reserved | 445,092 | 439,020 | 16,240 | 227,260 | 0 | 243,500 | |
| sclerophyll | Public | Not reserved | 375,412 | 349,584 | 84 | 50,512 | 0 | 50,596 | |
| forest | | With covenant | 17,132 | 14,060 | 12 | 1,696 | 0 | 1,708 | |
| | Private | Without covenant | 812,008 | 465,268 | 148 | 63,344 | 0 | 63,492 | |
| | All | | 1,649,644 | 1,267,932 | 16,484 | 342,812 | 0 | 359,296 | 36.849 |
| CMA totals | | Reserved | 1,192,796 | 1,163,044 | 91,936 | 633,412 | 0 | 725,348 | 30.04 |
| | Public | Not reserved | 771,036 | 661,136 | 2,240 | 103,112 | 0 | 105,352 | |
| | | With covenant | 61,108 | 42,548 | 32 | 6,552 | 0 | 6,584 | |
| | Private | Without covenant | 2.924,240 | 1.262.296 | 1.144 | 182.832 | 0 | 183.976 | |
| | All | u. oo vonant | 4,949,180 | 3,129,024 | 95,352 | 925,908 | 0 | 1,021,260 | 6.65% |

| | | | Vegetated | extent (ha) | | NVM ben | efits (ha) | | % NVM benefits in CMA as total |
|-----------------------|-------------------|------------------|-----------|-------------|---------------------|-------------|------------|---------|--------------------------------------|
| Ecosystem | Current tenure | | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | for ecosystem |
| Alpine | Public | Reserved | 59,720 | 58,284 | 0 | 37,604 | 0 | 37,604 | |
| Complex | Fublic | Not reserved | 1,048 | 720 | 0 | 56 | 0 | 56 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Tilvate | Without covenant | 2,044 | 1,284 | 0 | 72 | 0 | 72 | |
| | All | | 62,812 | 60,288 | 0 | 37,732 | 0 | 37,732 | 37.879 |
| Dry | Public | Reserved | 548,968 | 542,200 | 106,072 | 269,696 | 0 | 375,768 | |
| sclerophyll forest | Fublic | Not reserved | 174,072 | 147,576 | 172 | 22,360 | 0 | 22,532 | |
| ioi est | Private | With covenant | 15,104 | 13,144 | 188 | 3,772 | 0 | 3,960 | |
| | Filvate | Without covenant | 400,512 | 229,584 | 2,268 | 46,024 | 0 | 48,292 | |
| | All | | 1,138,656 | 932,504 | 108,700 | 341,852 | 0 | 450,552 | 10.29% |
| Forested | Public | Reserved | 13,920 | 12,660 | 240 | 5,072 | 0 | 5,312 | |
| wetlands | 1 ublic | Not reserved | 17,736 | 12,844 | 1,312 | 988 | 0 | 2,300 | |
| | Drivete | With covenant | 1,928 | 736 | 0 | 136 | 0 | 136 | |
| | Private | Without covenant | 76,896 | 22,924 | 108 | 2,904 | 0 | 3,012 | |
| | All | | 110,480 | 49,164 | 1,660 | 9,100 | 0 | 10,760 | 1.989 |
| Grasslands | Public Private | Reserved | 3,840 | 2,284 | 404 | 840 | 0 | 1,244 | |
| | | Not reserved | 12,868 | 3,740 | 28 | 760 | 0 | 788 | |
| | | With covenant | 2,180 | 704 | 32 | 284 | 0 | 316 | |
| | Private | Without covenant | 211,232 | 47,428 | 264 | 8,040 | 0 | 8,304 | |
| | All | | 230,120 | 54,156 | 728 | 9,924 | 0 | 10,652 | 2.749 |
| Grassy woodlands | Public | Reserved | 113,312 | 108,120 | 10,268 | 70,048 | 0 | 80,316 | |
| | Fublic | Not reserved | 34,348 | 12,360 | 28 | 3,448 | 0 | 3,476 | |
| | Private | With covenant | 11,224 | 4,692 | 60 | 660 | 0 | 720 | |
| | Filvale | Without covenant | 398,008 | 114,172 | 1,332 | 17,904 | 0 | 19,236 | |
| | All | | 556,892 | 239,344 | 11,688 | 92,060 | 0 | 103,748 | 2.099 |
| Heathlands | Public | Reserved | 52,296 | 52,148 | 4 | 39,032 | 0 | 39,036 | |
| | Fublic | Not reserved | 896 | 704 | 0 | 60 | 0 | 60 | |
| | Private | With covenant | 284 | 284 | 0 | 4 | 0 | 4 | |
| | Filvale | Without covenant | 6,604 | 5,972 | 0 | 432 | 0 | 432 | |
| | All | | 60,080 | 59,108 | 4 | 39,528 | 0 | 39,532 | 38.65% |
| Rainforest | Public | Reserved | 23,576 | 23,284 | 156 | 12,736 | 0 | 12,892 | |
| | Fublic | Not reserved | 8,940 | 8,660 | 0 | 1,268 | 0 | 1,268 | |
| | Private | With covenant | 564 | 360 | 0 | 24 | 0 | 24 | |
| | i livate | Without covenant | 29,108 | 12,452 | 0 | 1,204 | 0 | 1,204 | |
| | All | | 62,188 | 44,756 | 156 | 15,232 | 0 | 15,388 | 5.93% |
| Wet | Public | Reserved | 313,308 | 311,156 | 1,480 | 181,920 | 0 | 183,400 | |
| sclerophyll | | Not reserved | 215,436 | 198,916 | 0 | 35,472 | 0 | 35,472 | |
| forest | Private | With covenant | 5,284 | 3,540 | 0 | 336 | 0 | 336 | |
| | | Without covenant | 165,896 | 109,196 | 0 | 14,072 | 0 | 14,072 | |
| | All | | 699,924 | 622,808 | 1,480 | 231,800 | 0 | 233,280 | 23.929 |
| CMA totals | Public | Reserved | 1,128,940 | 1,110,136 | 118,624 | 616,948 | 0 | 735,572 | |
| | Fublic | Not reserved | 465,344 | 385,520 | 1,540 | 64,412 | 0 | 65,952 | |
| | Private | With covenant | 36,568 | 23,460 | 280 | 5,216 | 0 | 5,496 | |
| | Private | Without covenant | 1,290,300 | 543,012 | 3,972 | 90,652 | 0 | 94,624 | |
| | All | | 2,921,152 | 2,062,128 | 124,416 | 777,228 | 0 | 901,644 | 5.879 |

| - | | | Vegetated extent (ha) | | | % NVM benefits in CMA as | | | |
|-----------------------|----------------|---------------------|-----------------------|---------|---------------------|--------------------------------|------------|--------|---------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Dry | Public | Reserved | 21,480 | 20,004 | 0 | 9,268 | 0 | 9,268 | |
| sclerophyll forest | r ublic | Not reserved | 3,692 | 2,528 | 0 | 784 | 0 | 784 | |
| lorest | Private | With covenant | 40 | 20 | 0 | 0 | 0 | 0 | |
| | Filvate | Without covenant | 66,408 | 31,768 | 0 | 4,224 | 0 | 4,224 | |
| | All | | 91,620 | 54,320 | 0 | 14,276 | 0 | 14,276 | 0.33% |
| Forested | Public | Reserved | 588 | 528 | 0 | 268 | 0 | 268 | |
| wetlands | Public | Not reserved | 344 | 104 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 8 | 4 | 0 | 0 | 0 | 0 | |
| | Filvate | Without covenant | 11,020 | 1,484 | 0 | 60 | 0 | 60 | |
| | All | | 11,960 | 2,120 | 0 | 328 | 0 | 328 | 0.06% |
| Grassy woodlands | Public | Reserved | 816 | 324 | 264 | 0 | 0 | 264 | |
| | | Not reserved | 380 | 40 | 0 | 0 | 0 | 0 | |
| | Private | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | | Without covenant | 34,500 | 2,040 | 36 | 0 | 0 | 36 | |
| | All | | 35,696 | 2,404 | 300 | 0 | 0 | 300 | 0.019 |
| Heathlands | Public Private | Reserved | 6,128 | 6,008 | 0 | 1,040 | 0 | 1,040 | |
| | | Not reserved | 236 | 56 | 0 | 0 | 0 | 0 | |
| | | With covenant | 4 | 0 | 0 | 0 | 0 | 0 | |
| | Private | Without covenant | 5,948 | 688 | 0 | 4 | 0 | 4 | |
| | All | | 12,316 | 6,752 | 0 | 1,044 | 0 | 1,044 | 1.02% |
| Rainforest | D 11 | Reserved | 892 | 828 | 0 | 72 | 0 | 72 | |
| | Public | Not reserved | 24 | 12 | 0 | 0 | 0 | 0 | |
| | D: 4 | With covenant | 0 | 0 | 0 | 0 | 0 | 0 | |
| | Private | Without covenant | 712 | 168 | 0 | 0 | 0 | 0 | |
| | All | | 1,628 | 1,008 | 0 | 72 | 0 | 72 | 0.03% |
| Wet | | Reserved | 3,048 | 2,876 | 0 | 804 | 0 | 804 | |
| sclerophyll | Public | Not reserved | 296 | 76 | 0 | 0 | 0 | 0 | |
| forest | D: 4 | With covenant | 4 | 0 | 0 | 0 | 0 | 0 | |
| | Private | Without covenant | 25,984 | 1,804 | 0 | 88 | 0 | 88 | |
| | All | Third Coronalit | 29,332 | 4,756 | 0 | 892 | 0 | 892 | 0.09% |
| CMA totals | | Reserved | 32,976 | 30,576 | 264 | 11,452 | 0 | 11,716 | 0.007 |
| | Public | Not reserved | 4,972 | 2,816 | 0 | 784 | 0 | 784 | |
| | | With covenant | 56 | 24 | 0 | 0 | 0 | 0 | |
| | Private | Without covenant | 144,572 | 37,952 | 36 | 4,376 | 0 | 4,412 | |
| | All | iout oortilait | 182,576 | 71,368 | 300 | 16,612 | 0 | 16,912 | 0.11% |

| | | | Vegetated extent (ha) | | | % NVM benefits in CMA as | | | |
|-------------|----------------|---------------------|-----------------------|------------|---------------------|--------------------------------|------------|-----------|---------------------|
| Ecosystem | Current tenure | Conservation status | Pre1750 | Current | Manage / Improve | Consolidate | Revegetate | Total | total for ecosystem |
| Arid acacia | Public | Reserved | 590,192 | 585,596 | 22,728 | 36 | 0 | 22,764 | |
| shrublands* | Fublic | Not reserved | 51,848 | 51,424 | 20 | 0 | 0 | 20 | |
| | Private | With covenant | 429,688 | 428,128 | 5,476 | 0 | 0 | 5,476 | |
| | Private | Without covenant | 7,496,984 | 7,445,292 | 11,276 | 28 | 0 | 11,304 | |
| | All | | 8,568,712 | 8,510,440 | 39,500 | 64 | 0 | 39,564 | 98.86% |
| Arid | Public | Reserved | 412,836 | 411,264 | 11,628 | 212 | 0 | 11,840 | |
| chenopod | Public | Not reserved | 43,004 | 42,892 | 124 | 28 | 0 | 152 | |
| shrublands* | 5 | With covenant | 223,336 | 223,036 | 6,436 | 0 | 0 | 6,436 | |
| - | Private | Without covenant | 2,582,848 | 2,564,988 | 7,208 | 232 | 0 | 7,440 | |
| | All | | 3,262,024 | 3,242,180 | 25,396 | 472 | 0 | 25,868 | 8.169 |
| Forested | Public | Reserved | 716 | 692 | 252 | 236 | 0 | 488 | |
| wetlands | Public | Not reserved | 144 | 144 | 8 | 84 | 0 | 92 | |
| | 5 | With covenant | 72 | 72 | 0 | 20 | 0 | 20 | |
| | Private | Without covenant | 2,920 | 2,800 | 724 | 856 | 0 | 1,580 | |
| | All | | 3,852 | 3,708 | 984 | 1,196 | 0 | 2,180 | 0.409 |
| Grasslands | 5.15 | Reserved | 103,444 | 88,916 | 55,784 | 52 | 0 | 55,836 | |
| | Public | Not reserved | 7,144 | 6,092 | 420 | 0 | 0 | 420 | |
| | 5 | With covenant | 109,064 | 100,304 | 46,644 | 0 | 0 | 46,644 | |
| | Private | Without covenant | 953,140 | 762,868 | 46,900 | 92 | 0 | 46,992 | |
| | All | | 1,172,792 | 958,180 | 149,748 | 144 | 0 | 149,892 | 38.59% |
| Semi-arid | D. J. C. | Reserved | 827,592 | 794,940 | 266,804 | 684 | 0 | 267,488 | |
| woodlands | Public | Not reserved | 101,576 | 88,888 | 4,796 | 1,256 | 0 | 6,052 | |
| | Delicate | With covenant | 563,984 | 518,996 | 74,804 | 88 | 0 | 74,892 | |
| | Private | Without covenant | 7,757,512 | 7,149,696 | 561,228 | 5,868 | 0 | 567,096 | |
| | All | | 9,250,664 | 8,552,520 | 907,632 | 7,896 | 0 | 915,528 | 27.739 |
| CMA totals | D. J. U. | Reserved | 1,934,780 | 1,881,408 | 357,196 | 1,220 | 0 | 358,416 | |
| | Public | Not reserved | 203,724 | 189,444 | 5,368 | 1,376 | 0 | 6,744 | |
| | | With covenant | 1,326,244 | 1,270,552 | 133,360 | 108 | 0 | 133,468 | |
| | Private | Without covenant | 18,794,348 | 17,925,732 | 627,400 | 7,096 | 0 | 634,496 | |
| | All | | 22,259,096 | 21,267,136 | 1,123,324 | 9,800 | 0 | 1,133,124 | 7.37% |

^{*} The lack of data on total grazing pressure meant that only 40,000 ha of the total 8.8 million hectares of arid acacia shrublands, and 317,000 hectares of the total 6.9 million hectares of arid chenopod shrublands can be predicted to have high NVM benefit. However, OEH's intent is to encourage investment in 10% of each of these ecosystems (88,000 ha and 690,000 ha respectively) where conditions on the ground suggest that management would be most beneficial. CMAs are encouraged to consider the likely benefits of investment in the mapped NVM benefit areas when undertaking assessments to guide investment across their wider extent.

Appendix 3: Public and private land managed for conservation purposes

| Tenure | Categories of land / water managed for conservation purposes | Data source |
|---------|---|--|
| Public | OEH estate (national parks, nature reserves, state conservation areas) ¹ | OEH |
| | OEH estate (not gazetted) | OEH |
| | Aquatic reserves ¹ | OEH |
| | State forest flora reserves ¹ | DPI |
| | Travelling stock reserves ² | DPI |
| | Crown reserves (with a conservation purpose ³) | DPI |
| | Marine parks (Sanctuary zones) | Marine Park Authority DPI, DPC |
| | Other Crown lands with a conservation agreement | DPI |
| Private | Western Lands Lease with a conservation agreement or covenant ⁴ , including conservation covenants held on title (DPI database). This information overlaps with other data such as wildlife refuges and PVPs. NCT covenants. | DPI |
| | Freehold land with a conservation agreement or covenant including wildlife refuges ¹ , voluntary conservation agreements ¹ , Crown land conversion covenants (compliance), property agreements (in perpetuity) ¹ , PVP agreements (in perpetuity) ¹ | Miscellaneous including OEH, CMAs, and private organisations |

¹ aligns with the categories found within the Native Vegetation Report Card 'New Conservation

Areas' and 'New Restoration/Revegetation of Native Vegetation' categories.

² Travelling stock reserves (TSRs) are parcels of Crown land that are reserved under legislation for use by travelling stock and are managed by livestock health and pest authorities (LHPAs). LHPAs manage the land to strike a balance between the needs of travelling or grazing stock and the conservation of native species.

³ Crown reserve categories are defined in DECCW 2010, Deriving priority areas for investment. A technical report to accompany the Draft NSW Biodiversity Strategy.

⁴ Western Land Leases are technically public land, however they are managed privately with few restrictions beyond those that generally apply to private land.