

2010 Progress Report

Progress towards healthy resilient landscapes Implementing the standard, targets and catchment action plans

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Commissioner





Why review?

- 2010 is a milestone year: the mid-point for implementation of
 - the 10 year state-wide targets
 - the 10 year Catchment Action Plans
- The NRC is required to report on the progress towards
 - the 13 state-wide targets
 - the Standard for Quality NRM
 - the effectiveness of CAP implementation





Key questions for the review

- 1. What have we done?
- 2. What results are CMAs achieving?
- 3. What do we know about resource condition and trend in each CMA region?
- 4. Where are we going?





How we went about it

- Audit implementation of each CMA's CAP
- Evaluate available resource condition data from the NSW Monitoring Evaluation and Reporting program
- Review best available knowledge on how well the institutional framework of CAPS, standards, targets, state-wide policies, plans and investments are all supporting the goal.





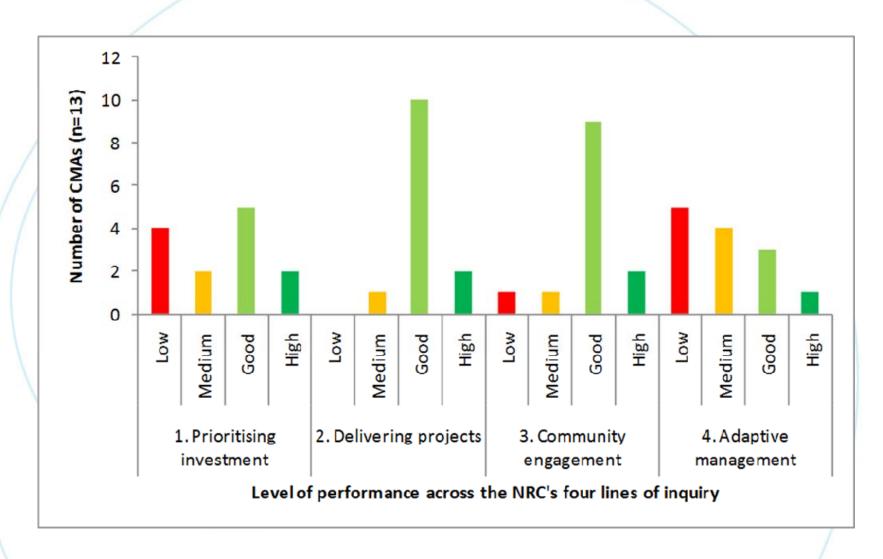
Overall findings

- NSW regional model is an effective mechanism for supporting land managers to manage their land better
 - A sound framework for natural resource management exists
 - CMAs are achieving on-ground results with their communities
 - Greater co-ordination and alignment will lead to better results
 - Regional adaptive management is working, eg Murray CMA
 - New thinking is being successfully applied



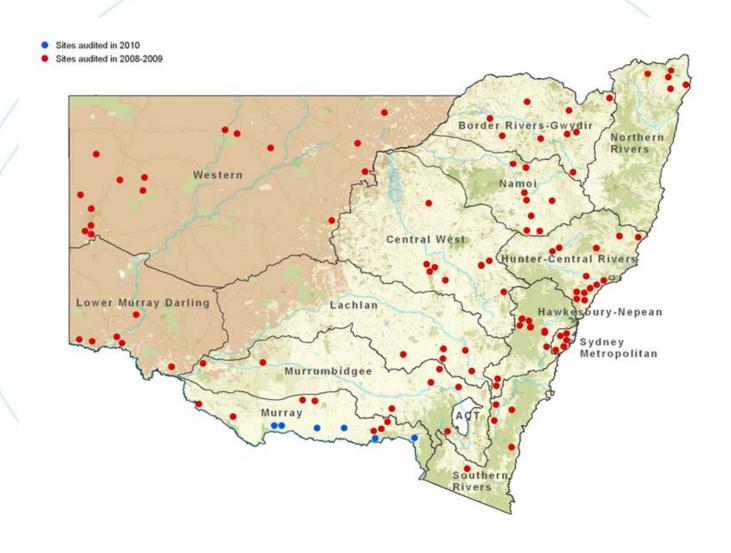


Overall CMA effectiveness



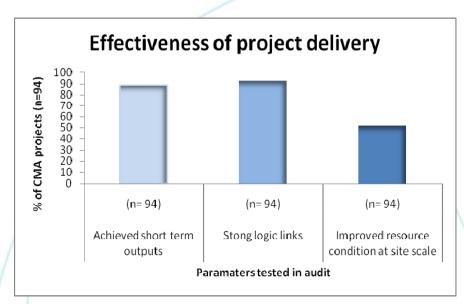


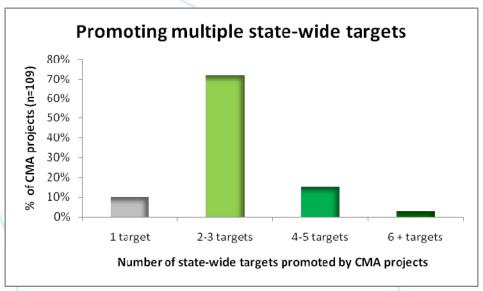
Location of projects audited

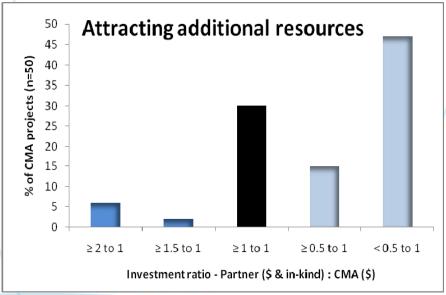


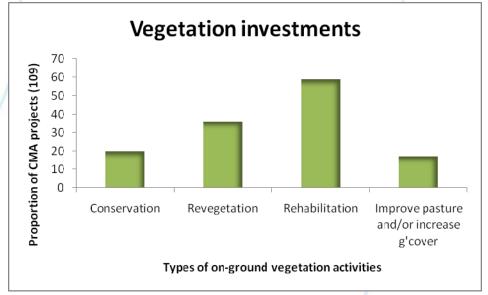
Audit results













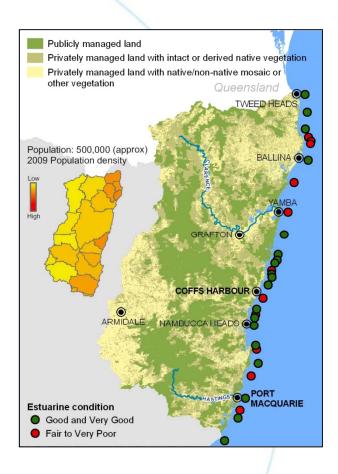
Resource condition change

	State-wide targets	Resource condition and trend
1	By 2015 there is an increase in native vegetation extent and an improvement in native vegetation condition	4
2	By 2015 there is an increase in the number of sustainable populations of a range of native fauna species	
3	By 2015 there is an increase in the recovery of threatened species, populations and ecological communities*	U
4	By 2015 there is a reduction in the impact of invasive species* ^	
5	By 2015 there is an improvement in the condition of riverine ecosystems	4
6	By 2015 there is an improvement in the ability of groundwater systems to support groundwater dependent ecosystems and designated beneficial uses*	
7	By 2015 there is no decline in the condition of marine waters and ecosystems	•
8	By 2015 there is an improvement in the condition of important wetlands, and the extent of those wetlands is maintained*	4
9	By 2015 there is an improvement in the condition of estuaries and coastal lake ecosystems*	4
10	By 2015 there is an improvement in soil condition	4
11	By 2015 there is an increase in the area of land that is managed within its capability	+
12	Natural resource decisions contribute to improving or maintaining economic sustainability and social well-being	
13	There is an increase in the capacity of natural resource managers to contribute to regionally relevant natural resource management*	4
	Key: Good condition ↑ Condition improving Fair condition ↓ Condition deteriorating Poor condition ← Condition remaining the same	



Catchment snapshots

- What we value in these landscapes
- Key challenges we face
- Condition of key elements in the landscape
- Significant CMA works
- Investment profile
- Audit performance
- Planning and NRM strategies





Sustainable,

adequate

design to

complement

Learning & building on the

momentum ** Priorities for next period of CAN implementation

stewardship Whole-offundina government More adaptive Better co-ordinate re)design of Foundations established for management regulatory and relevant science to andscape health successful landscape management Whole-ofsupport government stewardship decisions and Revise state-wide community Role clarity catchment planning **Prioritisation** Account-Effectively whole-ofprioritisation of CMA investments ability government and community CAP Strategy and further improve **Project** decision-making Senior Officer delivery other governmen Community multiple scales engagement deliver projects cross-sectoral alignment and audits and **Business** coordination Systems legitimacy through systems operate effectively

2004

Maintain and improve the Standard, targets and audit framework to ensure ongoing adaptive management



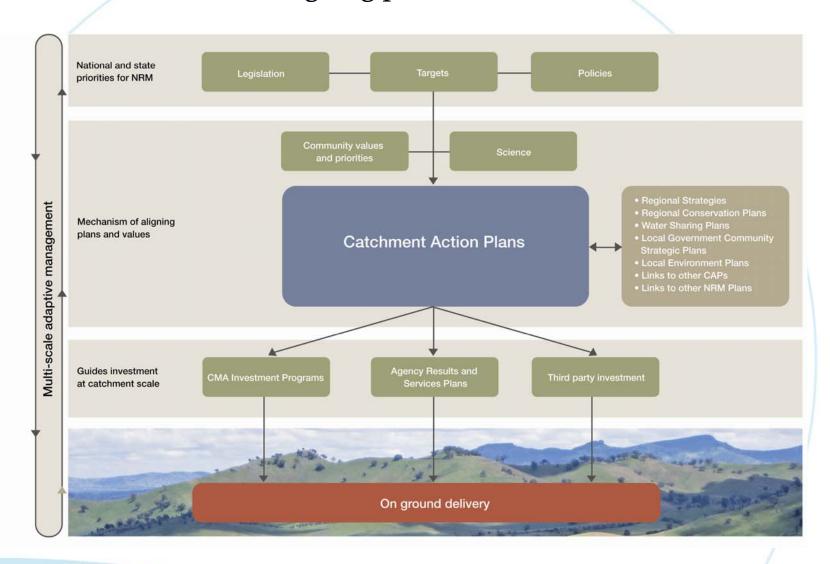
Next steps

Implement whole-of-government and community catchment planning

- 1. Upgraded CAPs in place by the end of 2012
- build agency and CMA capacity to apply resilience thinking through collaborative assessments
- develop guidance material
- align CAPs and priority polices (eg WSP, CC adaptation plans and Community Strategic Plans)
- 2. Greater coherence among state-wide plan and policies
- review and align and update priority state-wide polices and strategies
- facilitate collaborative planning and sharing common evidence base with other government policy areas



CAPs as a mechanism for aligning plans and values





Recommendation Next steps Improve science and knowledge base to better inform decisions Revise state-wide • NRC recommend revised set of targets in collaboration targets with agencies, CMAs and communities Implement and • invest in program to collect essential data resource MER review and rationalise indicators and supporting data strategy sets • link catchment monitoring and evaluation to revise CAP targets and conceptual models develop spatial MER platforms and products and in open access system • use MER to inform and calibrate conceptual and predictive landscape modelling • prioritise evaluation of community capacity for NRM



Next steps

Implement whole-of-government adaptive management

- 5. Institutionalise system-wide learning and improvement processes
- formalise whole-of-government co-ordination function provided by SOG
- develop COAG and Ministerial Council level agreements on NRM policy, investment and adaptive management
- create processes to continually improve NSW Government NRM efforts
- use state-of-catchment reporting process to evaluate CAP implementation
- maintain and improve use of the Standard and CAP audit process and revise state-wide targets



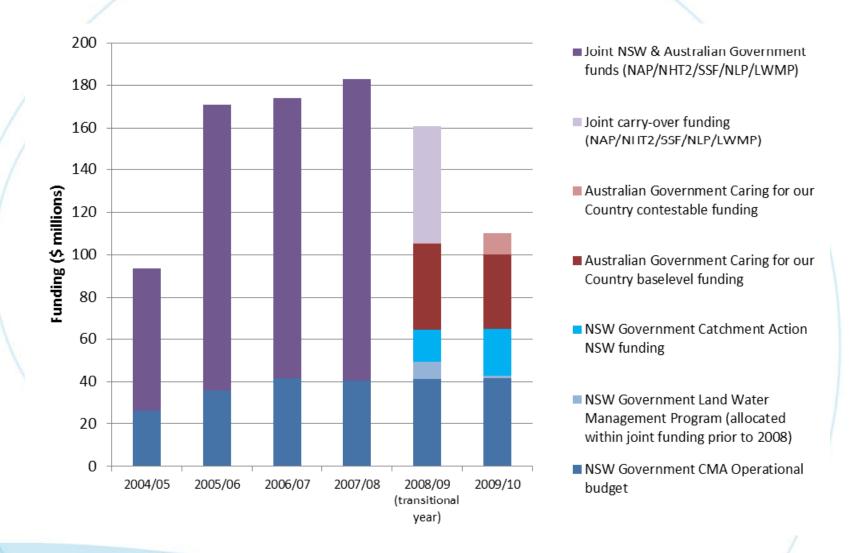
Next steps

Match funding to landscape need

- 6. Better co-ordinate and increase funding
- advocate to the Australian Government for a recommitment to regional planning and increase investment
- facilitate alignment between state and local government investment programs and priorities
- establish common system for spatially tracking total Australian, NSW and local government investment
- increase amount of funding through CAPs
- research innovative markets and tools to better capture third party investment
- modify budgetary arrangements for CMAs



Core NRM funding programs delivered through CMAs over 2004-10:



Opportunities for alignment of investment



Australian Government State Government • Business Plan Landcare funding Research Community Action Grants Pest and Disease SEWPaC Open Grants • Threatened Species Grants Training Services Caring for Community Coastcare Extension our Country National Reserve System · Working on Country • Environmental Trust Water Smart Living Murray Catchment Action NSW • Strengthening Basins Program Climate Action Grants Water for • Green Precincts **DECCW** • NSW Riverbank/RERP Landcare • Raising Water Standards the Future • NSW Wetland Recovery Program Water Security Plan programs • Urban Coastal Water Strategy Rivers Environmental · Revitalising Sydney's Restoration Program National Parks Climate Change Research DAFF · Adaptive Environmental Water · Farm Ready Effectively Australia's • Climate Change Adjustment Use Planning NOW • Water Sharing Plans Farming Community Networks aligned by Water Management Capacity building **Future** CAPs · CSIRO Research • University Research Funding

Local Government

Investment in natural resource management and environmental protection

- Management of community lands and open space
- Vegetation management
- Pest and weed control
- · Biodiversity and landscape management
- Protection of soil and groundwater resources
- Flood mitigation and floodplain management
- · Estuary and coastal management
- Pollution control
- · Land use planning and development controls
- Cultural heritage
- Stormwater and wastewater management



Next steps

Design sound policy to compliment stewardship

- 7. Promote and design regulatory and other policy tools to complement voluntary landscape stewardship
- facilitate systems for regional-scale knowledge to inform policy design
- ensure that policy and regulatory design considers the implication for voluntary landscape stewardship
- research and advocate to the Australian Government that emerging policy areas should consider and support voluntary landscape stewardship and integrated landscape management

