



## CASE STUDIES OF LANDSCAPE REGENERATION IN PRACTICE

The case studies on the following pages were identified through a comprehensive selection activity in response to a call for expressions of interest (EOI) to participate. The program sought case studies of better practice enterprises that have been proving their viability over at least five to ten years, supported by reliable records and data collected over time.

Promotion for the EOI activity in December 2011 was through a media release sent to key national newspapers, including The Rural Press; direct email to members listed on current the Outcomes Australia database; and letters distributed to the State and Territory Ministers for the Environment and Agriculture (equivalent), advising them of the planned activity, along with a similar letter to the various Catchment Management Authorities (equivalent), to seek their cooperation.

The EOI format was developed to allow credible decisions to be made during the selection process without being an onerous process for farmers and other interested parties.

Once received responses were confirmed as complete, they were entered into a database prior to consideration by the selection panel. The selection panel was chaired by The Hon Gary Nairn and comprised a group of specialist advisers from backgrounds including primary production, hydrology, soil health and environmental science. The panel conducted the evaluation of all the responses to the EOI in accordance with a documented process. The activity was independently reviewed and endorsed by *Price Waterhouse Coopers*.

Seventeen innovative farmers were ultimately selected through this process for the first tranche of *Soils for Life* case studies. Two additional case studies were performed

on community organisations which provided examples of coordination and cooperation in supporting farmers and land managers to adopt regenerative landscape management practices.

Selected case studies were interviewed by the *Soils for Life* field team between January and June 2012. These reports were edited for consistency and reflect the experience of the landholders as interpreted by the interview team. Data reported in the case studies is as provided by case study participants. Products or services mentioned in the case studies are documented as part of the landholders' experience and should not be seen as an endorsement by *Soils for Life*.

Finalised case studies were provided to the selected landholders for review prior to publication. A technical support network comprising specialists from fields including soil microbiology, agronomy, water quality and management, forestry, agricultural science and farming systems reviewed the case studies for technical accuracy and contributed to the analysis presented in Chapter Two of this report.

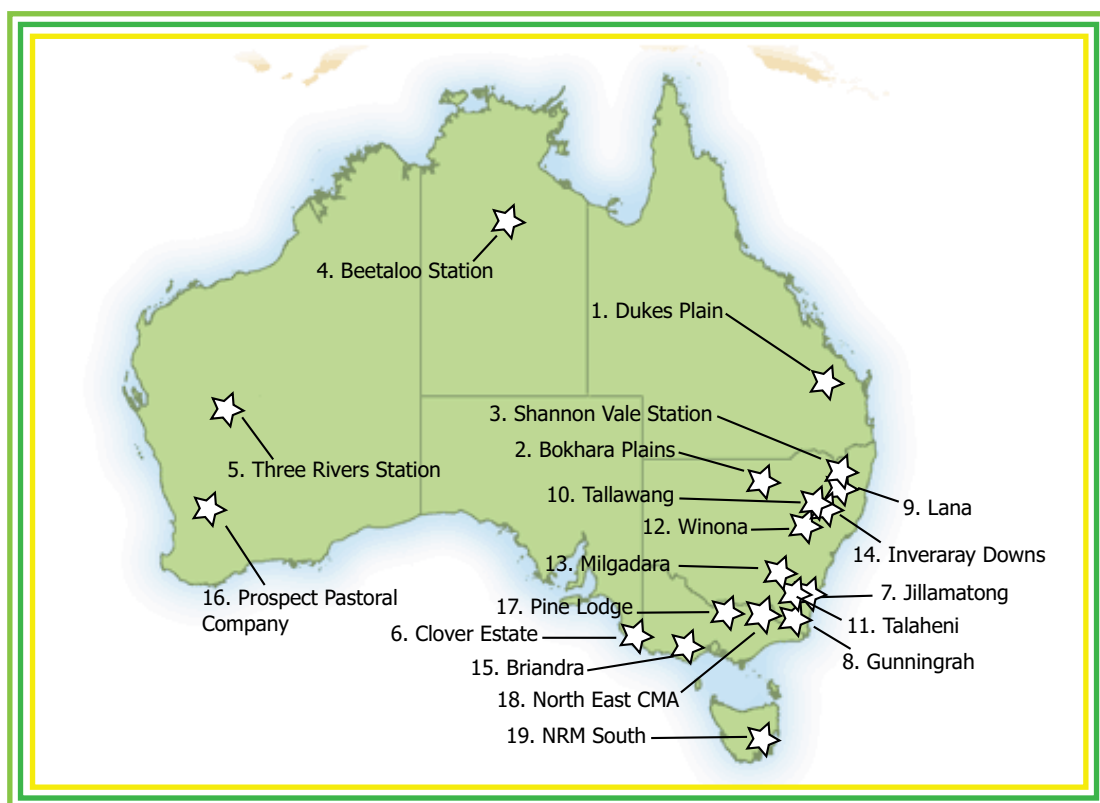
The merit selection process aimed to ensure that case studies comprised a regional spread across Australia; with a range of land uses together with a cross section of innovative techniques. The diversity was somewhat restricted by the responses received, with the most noticeable gap being a horticulture case study and a slight over-representation of grazing case studies. Further tranches of case studies will seek to address these gaps.

Case study statistics are presented in the tables overleaf.



## Case Study Locations and Summary

Number	Property Name	Principal(s) Name	Nearest Town	State
1	Dukes Plain	Shane and Shan Joyce	Theodore	QLD
2	Bokhara Plains	Graham and Cathy Finlayson	Brewarrina	NSW
3	Shannon Vale Station	Greg and Sally Chappell	Glen Innes	NSW
4	Beetaloo Station	John and Trish Dunnicliff	Elliott	NT
5	Three Rivers Station	Graham and Ben Forsyth	Meekatharra	WA
6	Clover Estate	David Clayfield	Mount Gambier	SA
7	Jillamatong	Martin Royds and Trish Solomon	Braidwood	NSW
8	Gunningrah	Charlie and Anne Maslin	Bombala	NSW
9	Lana	Tim and Karen Wright	Uralla	NSW
10	Tallawang	Craig Carter and Nicky Chirlan	Willow Tree	NSW
11	Talaheni	John and Robyn Ive	Murrumbateman	NSW
12	Winona	Colin Seis	Gulgong	NSW
13	Milgadara	Bill and Rhonda Daly	Young	NSW
14	Inveraray Downs	Cam and Roxane McKellar	Spring Ridge	NSW
15	Briandra	Brian and Sandra Wilson	Lismore	VIC
16	Prospect Pastoral Company	Ian and Dianne Haggerty	Wyalkatchem	WA
17	Pine Lodge	Ian and Wendy Klein	Shepparton	VIC
18	North East CMA	Region - North-Eastern Victoria	Wodonga	VIC
19	NRM South	Region - South and Eastern Tasmania	Hobart	TAS



CASE STUDY	1. Dukas Plain	2. Bokhara Plains	3. Shannon Vale Station	4. Beetaloo Station	5. Three Rivers Station	6. Clover Estate	7. Jillamatong	8. Gunningrah	9. Lana	10. Tallawang	11. Talaheni	12. Winona	13. Milgadara	14. Inveraray Downs	15. Briandra	16. Prospect Pastoral Co.	17. Pine Lodge	18. North East CMA	19. NRM South
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<b>Industry/Enterprise</b>																			
Cattle	•	•	•	•	•	•	•	•	•	•	•			•					
Sheep								•	•	•	•	•	•		•	•			
Cropping												•	•	•	•	•			
Dairy																	•		
Other		•					•	•			•	•	•	•					
Environmental Organisation																		•	•
<b>Key Practices Discussed in Case Studies</b>																			
Addressing soil chemistry/ carbon	•		•			•	•		•	•	•	•	•	•	•			•	
Addressing soil structure		•	•		•	•	•						•	•	•	•			•
Addressing soil biology	•		•			•	•						•	•	•	•			
Application of bio-fertilisers/ amendments	•		•			•	•						•	•	•	•	•		
Composting			•				•						•	•				•	
Supporting nutrient cycling			•			•	•		•			•	•	•	•			•	
Addressing salt-affected soils							•				•						•		
Water reticulation	•	•	•	•		•	•	•	•									•	
Slowing water flow					•		•	•		•	•								
Capturing rain where it falls	•	•	•	•			•	•	•	•	•	•	•	•			•	•	
Planned grazing	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•		•
Direct-drill cropping/ sowing			•				•					•	•	•	•	•			
Revegetation	•	•			•						•								
Proactive weed control			•					•											
Reduction/cessation of chemical inputs	•		•			•	•					•	•	•				•	
Stock trading/agistment	•	•					•			•				•					
Supporting adoption of regenerative landscape mgt.		•																•	•
<b>Average Annual Rainfall/Irrigation</b>																			
<400 mm		•			•												•		•
401-699 mm				•				•			•	•	•	•	•			•	•
>700 mm	•		•			•	•		•	•								•	•
Dryland	•	•	•	•	•		•	•	•	•	•	•	•		•	•		•	•
Irrigated						•								•				•	•
<b>Property Size (hectares)</b>																			
<500						•	•			•	•							•	
501-2000			•									•	•	•	•				
2001-5000	•							•	•										
5001-10,000		•															•		
>10000 - 1,000,000+				•	•														

