

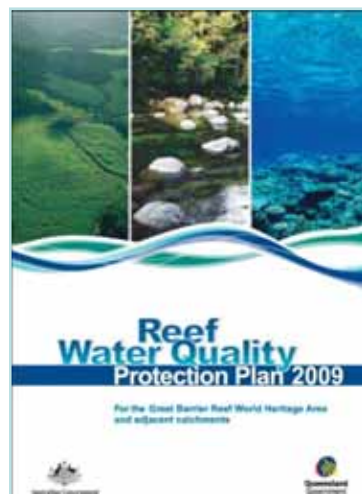


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# Reef Plan

## Paddock to Reef Program

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Premier and Cabinet



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Department of the Environment, Water, Heritage and the Arts  
Department of Agriculture, Fisheries and Forestry





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## Program objectives & scope

- To measure and annually report on progress towards the Reef Plan goals and targets:
  - Increased adoption of improved land management practices
  - Catchment targets (Wetlands, Riparian extent and Groundcover)
  - Water quality load reduction targets
  - Great Barrier Reef health and resilience.
- Management driven with a focus upon diffuse source pollution from agriculture.





# Approach and outputs

## Fundamentals:

- Modelling, supported by monitoring
- Multiple lines of evidence and integration
- Highly collaborative and complex
- Rapid exchange of data and information
- Continuous improvement philosophy.

## Lines of evidence:

- Adoption of improved practices
- Practice effectiveness
- Status of key catchment indicators (e.g. groundcover)
- Load reductions at the E.O.C.
- Marine water quality and ecosystem health.





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# P2R synergies with Reef Rescue R&D

- Alignment predominantly relates to **Improved Land Management** and **Practice Effectiveness**.
- Anticipated outcomes:
  - Address some P2R knowledge gaps
  - Methods are complimentary (avoid duplication) and rigorous
  - More/improved knowledge (less uncertainty) for reporting and decision making.





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# P2R synergies with Reef Rescue R&D

Improved Land management (K McCosker)	Practice effectiveness (Silburn/Attard)	Catchment indicators (C Witte)	Catchment loads (D Waters)	Marine (K Martin)	Reporting (C Chinn)
	RRRD039				
	RRRD010				
	RRRD011				
	RRRD024, RRRD027				
	RRRD032				
RRRD009, RRRD056 RRRD020, RRRD049, RRRD055, RRRD004.					
			RRRD030		
	RRRD054				
			RRRD037, RRRD038		
				RRRD016	



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## Some other considerations

- **Data and information sharing** – agreement between projects and with end users on sharing information in a timely manner.
- **Coordination** - ‘Buddy system’ with P2R program leaders and end users.
- **End use** - Knowledge management and synthesis process.





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# Broader science coordination

- Number of programs underway currently – NERP, Regs, Reef Rescue, e-reefs + others
- DPC facilitating communication and integration across programs in an informal way – meeting of science program leaders
- Some key areas where there are linkages:

