



Reef Water Quality Protection Plan

Great Barrier Reef Report Card 2014



Australian Government



Queensland Government

Management practice results: overall

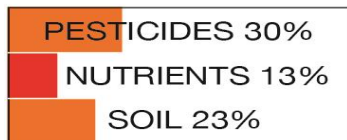
Sugarcane

Area of sugarcane lands managed using best management practice systems as at June 2014.



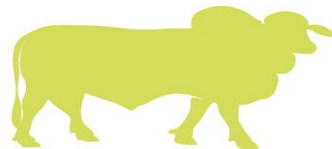
TARGET:
90%
by 2018

MANAGEMENT OF



Grazing

Area of grazing lands managed using best management practice systems as at June 2014.



TARGET:
90%
by 2018

MANAGEMENT OF



Horticulture

Area of horticulture lands managed using best management practice systems as at June 2014.



TARGET:
90%
by 2018

MANAGEMENT OF



Confidence



**Scoring:
progress towards
targets**



Catchment indicators

- Overall loss 2009-2013
 - Wetland extent: **lower**
 - Forest loss in riparian areas: **increased**
- Annual ground cover target: **exceeded**
 - although still significant areas of low cover in drought declared regions.

Wetland loss

Change in extent of natural wetlands between 2009 and 2013.

Riparian

Change in extent of riparian vegetation between 2009 and 2013.

Ground cover

Late dry season ground cover in 2013–2014.

Reported every four years



TARGET:
No net loss
by 2018

330ha loss
(**<0.1%**)



TARGET:
Extent
increased
by 2018

30,980ha loss
(**0.4%**)

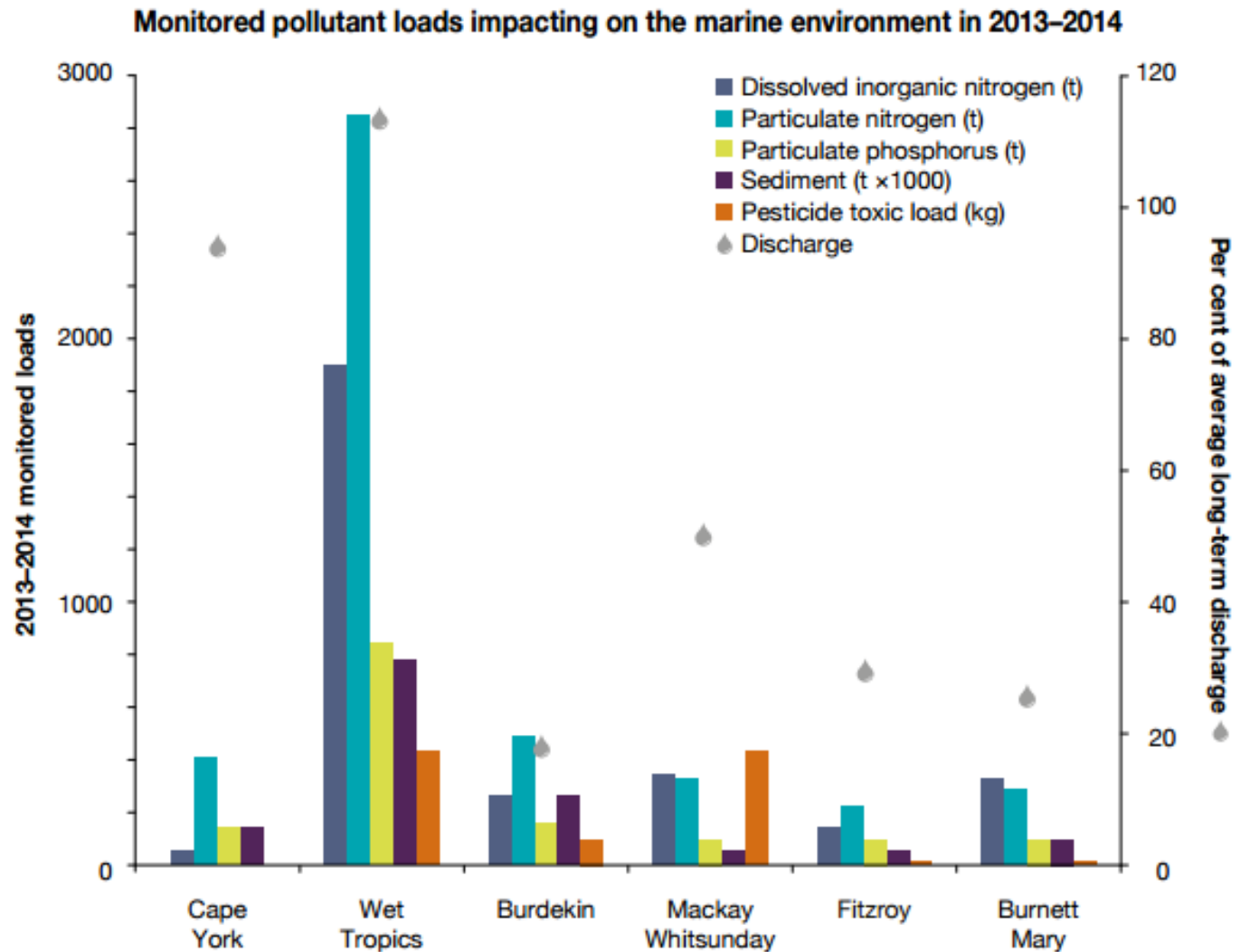


TARGET:
minimum
70% cover
by 2018

77%

Catchment monitoring results 2013-2014

- Long-term water quality monitoring - used to validate modelled results.



Catchment loads: results

Dissolved inorganic nitrogen

Reduction in annual average dissolved inorganic nitrogen load between 2009 and 2014.



TARGET:
50%
by 2018



Particulate nitrogen

Reduction in annual average particulate nitrogen load between 2009 and 2014.



TARGET:
20%
by 2018

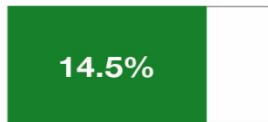


Particulate phosphorus

Reduction in annual average particulate phosphorus load between 2009 and 2014.

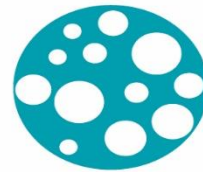


TARGET:
20%
by 2018

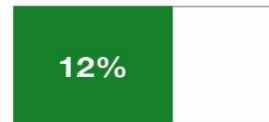


Sediment

Reduction in annual average sediment load between 2009 and 2014.



TARGET:
20%
by 2018



Pesticides

Reduction in annual average toxic pesticide load between 2009 and 2014.



TARGET:
60%
by 2018



Confidence

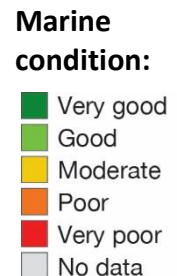
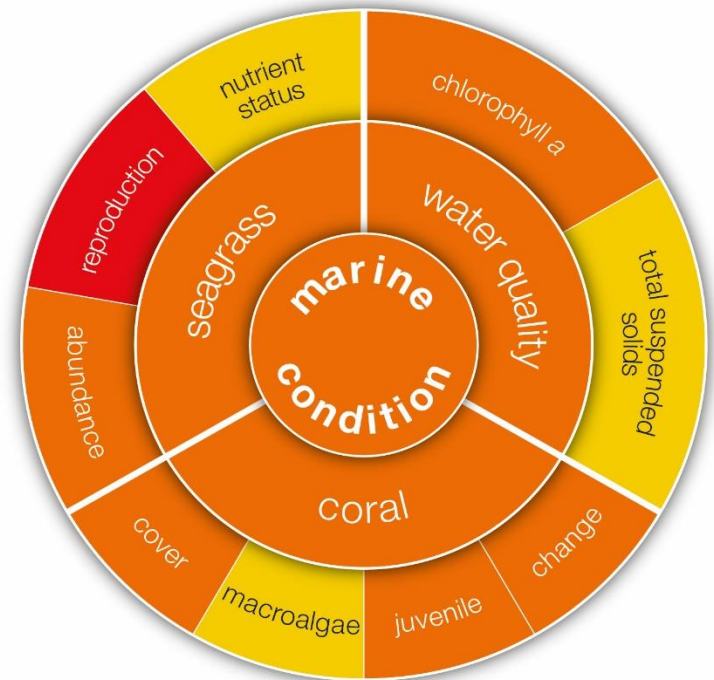


Scoring: progress towards targets

- Very good
- Good
- Moderate
- Poor
- Very poor
- No data

Marine results 2013-2014

- Overall **condition** of the inshore marine environment: **poor**
 - inshore seagrass showed signs of regional recovery
 - inshore coral reefs continued to improve since 2011-2012 low point due to impacts by repeated disturbances but remain in poor condition overall.



Fitzroy results

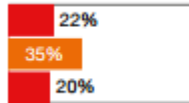
Management practice indicators

Sugarcane

Area of sugarcane lands managed using best management practice systems as at June 2014.

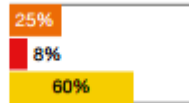
Grazing

Area of grazing lands managed using best management practice systems as at June 2014.



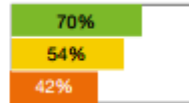
Horticulture

Area of horticulture lands managed using best management practice systems as at June 2014.



Grains

Area of grains managed using best management practice systems as at June 2014. Note: grains are only grown in two regions.



Catchment indicators

Wetland loss

Change in extent of natural wetlands between 2009 and 2013.



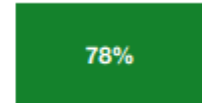
Riparian

Change in extent of riparian vegetation between 2009 and 2013.



Ground cover

Late dry season ground cover in 2013-2014.



Catchment loads

Dissolved inorganic nitrogen

Reduction in annual average dissolved inorganic nitrogen load between 2009 and 2014.

Particulate nitrogen

Reduction in annual average particulate nitrogen load between 2009 and 2014.



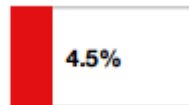
Particulate phosphorus

Reduction in annual average particulate phosphorus load between 2009 and 2014.



Sediment

Reduction in annual average sediment load between 2009 and 2014.

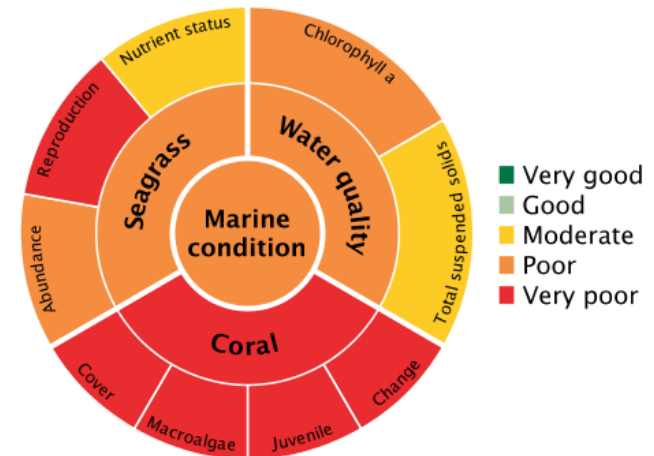


Pesticides

Reduction in annual average toxic pesticide load between 2009 and 2014.



Marine condition 2013-2014



Acknowledgments

Contributors



Australian Government



Queensland Government



THE UNIVERSITY
OF QUEENSLAND
AUSTRALIA



Australian Government
Great Barrier Reef
Marine Park Authority



Australian Government



AUSTRALIAN INSTITUTE
OF MARINE SCIENCE



DRY TROPICS



Qld Regional
NRM GROUPS
COLLECTIVE



CANEGROWERS



CSIRO



QUEENSLAND
FARMERS' FEDERATION



Centre for Tropical Water and Aquatic Ecosystem Research



Burnett Mary
REGIONAL GROUP



REEF
CATCHMENTS



Cape York Natural
Resource Management Ltd



terrain
NATURAL RESOURCE MANAGEMENT



FUTURES



growcom
together we grow



fba
FITZROY BASIN
ASSOCIATION



Queensland
Dairyfarmers'
Organisation

www.reefplan.qld.gov.au