





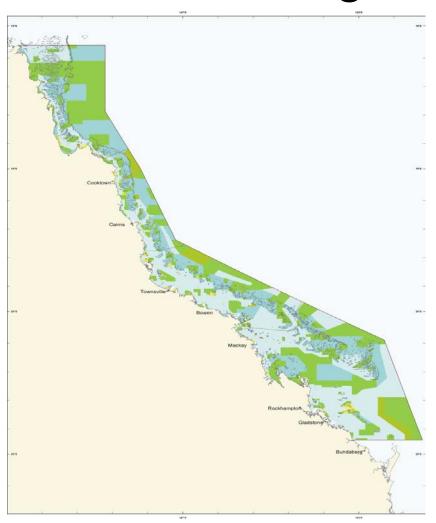
# Resilience, risk and return on investment – innovations from the Great Barrier Reef field management program

Presented by

John Hicks, Business Manager, Field Management, Queensland Parks and Wildlife Service Richard Quincey, Director, Field Management, Great Barrier Reef Marine Park Authority



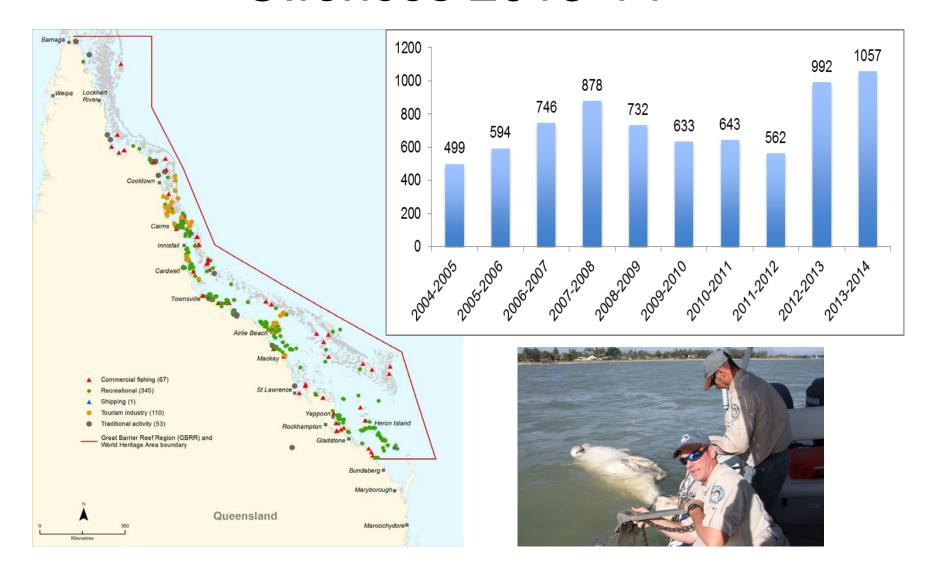
# Planning of surveillance







#### Offences 2013-14

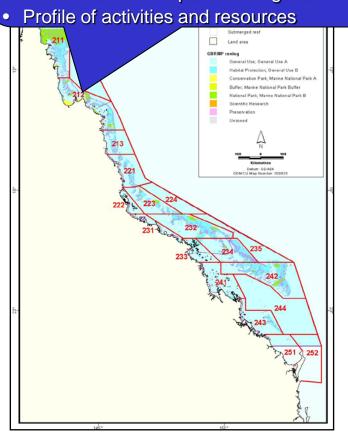


### Compliance risk management plan

#### Plan contents.....

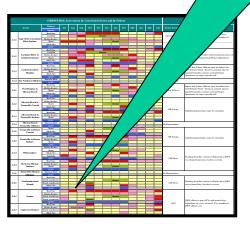
- Risk assessment charts by sector and fishery
- Forecasted risk analysis by sector
- Forecasted risk treatment by sector
- Classification of impacts of illegal activities

**Border Protection Command Annual Tasking Plan per sector** 



ANNUAL TASKING PLAN - 2002/2003												
Sector	Sector Description	Forecasted Risk Analysis (1) Risk (2)Higher Risk (3)Highest Risk	Flight Requirements Fixed Wing/Helicopter		SECTOR PROFILES AND REQUESTED TREATMENT							
					Sectors 211 and 212							
2.1.1.	Cape York - Lockhart River Inshore. This suctor includes the Cross Shelf Transect	Boof law Charty,  "Higher Rais -1, -21 Says (3.4 Nov (2 Agril 3)  "Higher Rais -1, -21 Says (3.4 Nov (2 Agril 3)  Rais -1, -21 Says (3.4 Nov (3 Agril 3)  Bais -24 Syrum Chelsher In January)  Bais -24 Syrum  Bais -24 Syrum  Trust Baisy (Churrer Est 12.0 nov (2 Agril 3)  Facilities -Saysmaler  Trust Baisy (Churrer Est 12.0 nov (3 Agril 3)  Higher Rais -Agril Agril Saysmaler  Baish - Agril -	(Pleed wing) July August September October November December January Febeuary March April May June (Holicopter) Joshwer fring Coctober Febeuary	Flights per week 4 4 6 3 5 5 6 6 6 6 5 5 7 8 9 Flights per month 4	The Curron of Throats (CTI) is the large by taken the bound of the large CTI and on the 100° J Zero.  The orders compared of new 22° January 100° J 20° J 20							
2.1.2	Lockhurt River - Cooktown Inshore	Boof line Indary:  100 km 31 year;  10 plane Bad. 1 - 21 Supt 02 Now 02 -  10 plane Bad. 1 - 12 Supt 02 Now 02 -  10 plane Bad. 1 - 12 Supt 02 Now 02 -  10 plane Bad. 2 Now Now 03 Now 10 Now	Month (Fixed wing) July August September October November December January February Marich April May June (Helicopter) Justice (Helicopter) Justice (Helicopter) Justice (Helicopter)	Flights per week 4 4 6 3 5 5 6 6 6 6 5 5 Flights per month 4 4	An completion annihilation of these sources would interfail a set GRISDS* Commendation for the years in polaramically colorates. Put Dougland Tourney							

Provides basis for monthly operational taskings (QPWS, QBFP and QPS)



#### Risk Assessments

Assessments														
	Sector	Category	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Маг	Арг	May	Jun
	Sector	Reef Line Fishery	Jui	Aug		OLI			Jali	ren	IVI al		way	Juli
2.1.1	Cape York Lockhart River Inshore	Beche de Mer	-										-	
		Crayfish/Lobster	<i></i>											
		Trawl										X////////	X////////	
		Net											<b>Y</b> IIIIIIII	
2.1.2	Lockhart River Cooktown Inshore	Reef Line Fishery												
		Beche de Mer												
		Crayfish/Lobster												
		Trawl									88888			999999999
		Net									***********			300000000000000000000000000000000000000
		Reef Line Fishery												
2.1.3	Douglas	Trawl				50000000000000000000000000000000000000	888888888					: :::::::::::::::::::::::::::::::::::::	900000000	300000000000000000000000000000000000000
2.1.4	F/Nth O'Shore	TT GP41									000000000000000000000000000000000000000	100000000000000000000000000000000000000	<u> </u>	100000000000000000000000000000000000000
2.2.1		Reef Line Fishery												
	Beach	Trawl	<i></i>									<b>†</b>	<b></b>	
2.2.2	Miss Bch Tvl Coastal													
2.2.3	Mission Beach Townsville Coastal	Reef Line Fishery												
		Beche de Mer											1	
		Trawl										<del> </del>		
2.2.4	Miss Bch Tvl Oshore													
2.3.1	Tul Bowen Coastal													
2.3.2	Townsville Bowen Inshore	Reef Line Fishery												
		Beche de Mer						1						
		Trawl												
2.3.3	Whitsundays	Trawl												
2.3.4		Reef Line Fishery												
	Inshore	Trawl											***************************************	**********
2.3.5	Tvl Mck O'Shore													
2.4.1	Northumberland	Trawl												
	Islands	Net												
2.4.2	Swains	Reef Line Fishery												
		Trawl		***********										
2.4.3	Capricorn Bunker	Reef Line Fishery												
		Trawl												
2.4.4	Capricorn Channel													
2.5.1	Hervey Bay													
2.5.2	Fraser Island													
						•		-	•					

High Risk Highest

Legend:

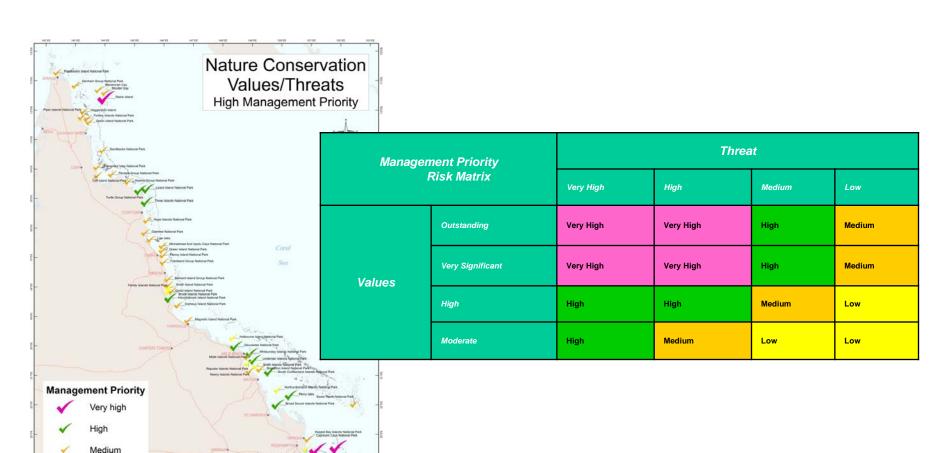
Risk

## Compliance partnerships

- GBR Marine Park Authority
- Border Protection Command
- Queensland Parks & Wildlife Service
- Queensland Boating & Fisheries Patrol
- Queensland Water Police
- Australian Maritime Safety Authority
- Australian Federal Police
- Director of Public Prosecutions



## Island conservation priorities



#### Pisonia scale outbreak Capricornia Cays



Pisonia trees defoliating







Tryon Island six years after outbreak

#### Pisonia forest saved

Assessed extent of scale and ant outbreak







Released native ladybird predator

## Tryon Island forest recovery



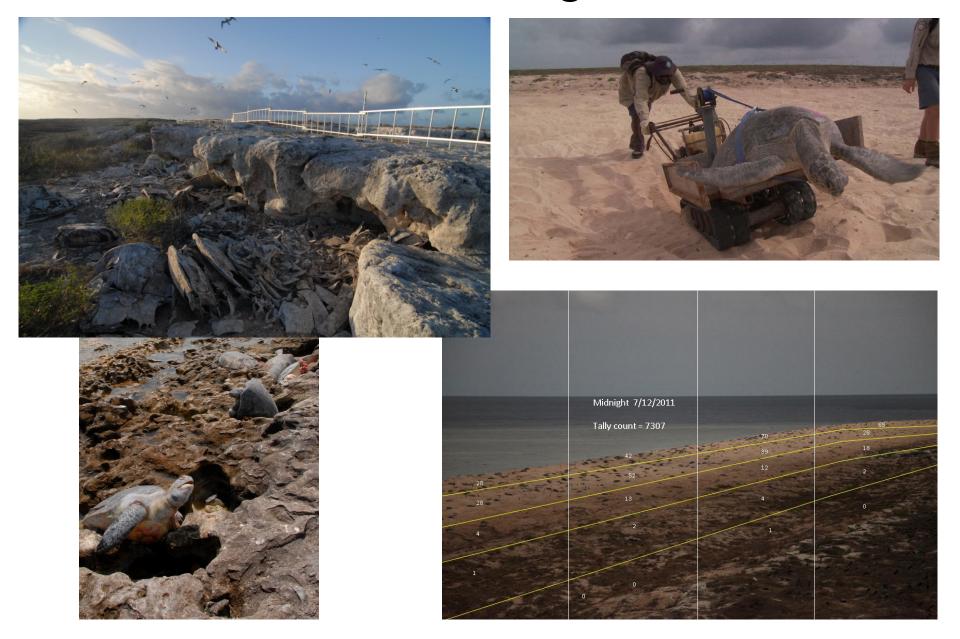


2006 2014

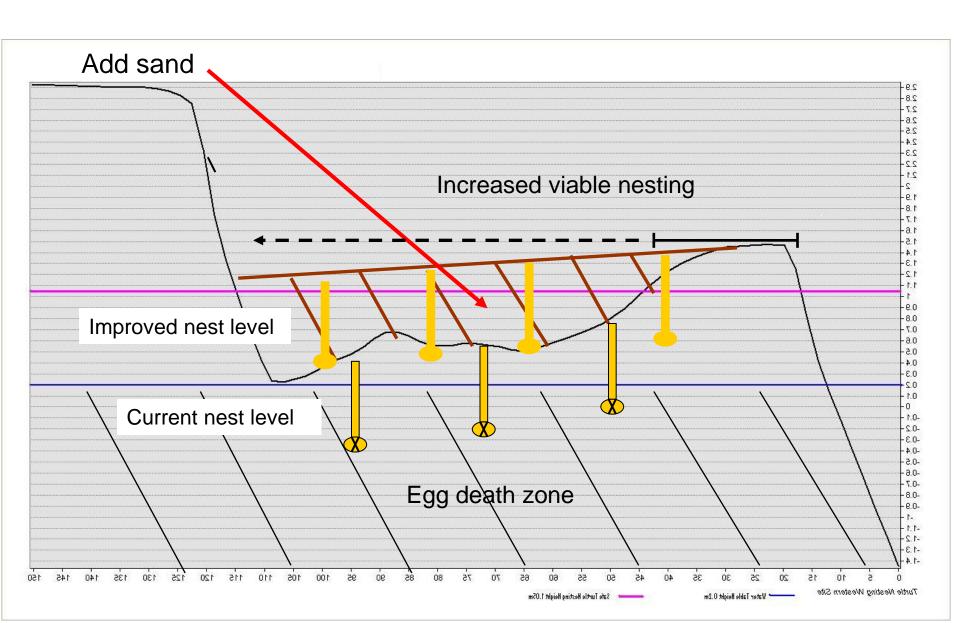
#### Raine Island



## Solutions being trialled



### Improving the nesting area



## Beach reprofiling trial



## Raine Island in 2100?







#### www.gbrmpa.gov.au



John Hicks, Business Manager, Field Management, Queensland Parks and Wildlife Service Richard Quincey, Director, Field Management, Great Barrier Reef Marine Park Authority

**Phone** +61 7 4750 0700

**Email** john.hicks@gbrmpa.gov.au

richard.quincey@gbrmpa.gov.au

Address 2-68 Flinders St (PO Box 1379) Townsville QLD 4810