



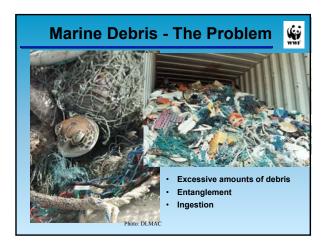


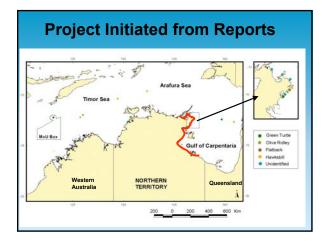
Research - Project Outlines

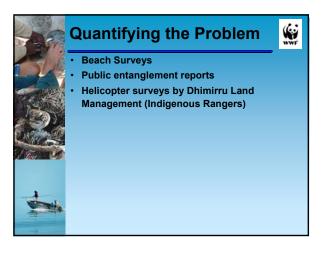


- · Marine Debris Monitoring
- Turtle Research and Monitoring

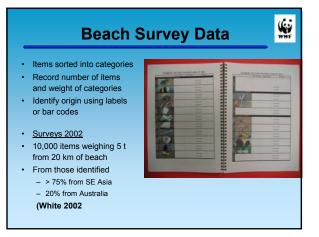
Joint Projects - Partnerships with all stakeholders especially Indigenous groups

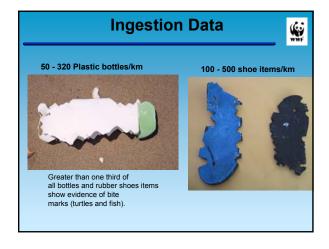


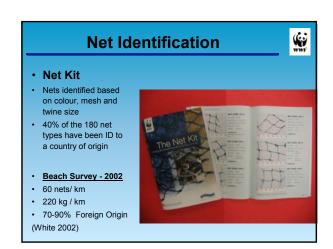


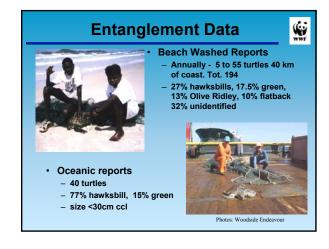


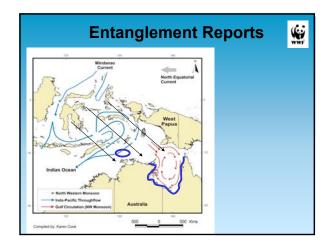


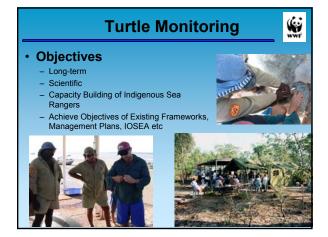












Turtle Monitoring



Focus

- · Collect Biological data
 - Nesting numbers
 - Nesting and nest success
- · Monitor local impacts
 - · disease,
 - · fishing mortality
 - · marine debris strandings
- · Investigate harvest levels



- Over-harvest issues have been raised in recent media
- Some Indigenous communities are asking about sustainable levels of take
- Unknown levels of take at the moment
- WWF is investigating integrated approaches to management using science and culture



(C) **Turtle Projects Three Projects** • Monitor nesting populations (Sea Rangers) Olive Ridley Tracking Sick Turtles



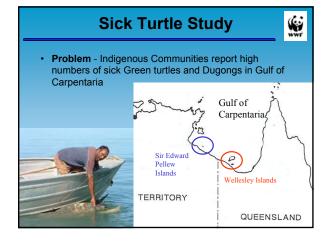
Biological data



WWF

- · Provide Training, education and equipment to Indigenous Sea Rangers
- · Start as baseline data collection
- Develop into long-term monitoring





Sick Turtles



- Reports from 2 local **Indigenous Communities**
 - Poor condition
 - Unable to dive
 - Many washed ashore dead
 - Turtles have black fat or jellylike fat
 - Dugongs sick and adults very small (dwarf)
 - Turtles and dugongs tasted different



Sick Turtles



- Project Autopsies of traditionally hunted animals plus any sick or moribund turtles.
 - Max. of 20 green turtles and 20 dugongs over 2 years
 - Indigenous Sea Rangers, Gov't Vet., WWF assistance and Gov't grants
 - Pathology and analysis of tissue samples including heavy metals



Management



- ◆ Develop Indigenous and Western Solutions
- · Indigenous Sea Ranger Training and Education
- · Management Plans
- · Protected Areas



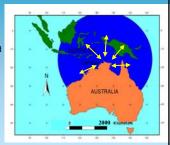


Management



Across Borders Approach

- Investigate management actions and options across borders
 - Facilitate meetings
 - joint proposals developed
- Marine debris and turtle conservation are cross borders issues



Management



Public Awareness and Education

- Reports



Acknowledgments



- · Tony and Lisette Lewis Foundation
- **Dhimirru Land Management Corporation**
- **Northern Territory Government Fisheries Group**
- Lianthiwirriyarra Sea Rangers
- National Heritage Trust Australian Gov't
- **Marthakal Homelands Resource Centre**
- Anindilakwa Angurugu Land Council
- **Conservation Volunteers Australia Charles Darwin University**













Together, we can make a world of difference.

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