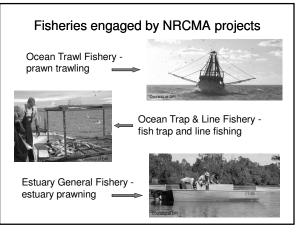
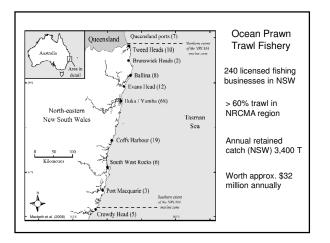
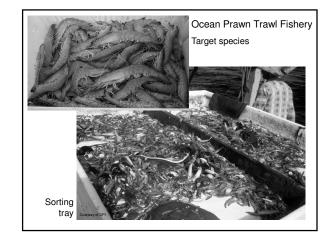


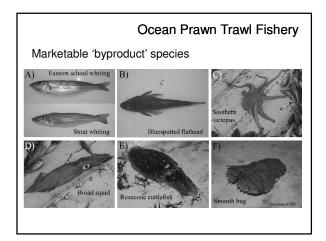
Why is it important for the NRCMA to engage commercial fishers in NRM?

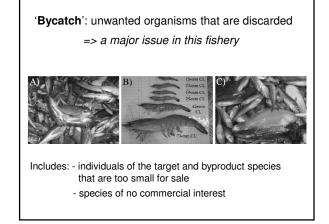
- The largest number of commercial fishers of any region in NSW.
- Important industry contributing to our region economically and socially.
- Like many terrestrial producers, they are affected by drought, cheaper imports and fuel prices.
- To assist the fishing industry to adopt best practice techniques and reduce its impact on the region's natural resources.
- Work towards the 3 of the 4 Marine targets in the NR CAP as well as the Marine State target.

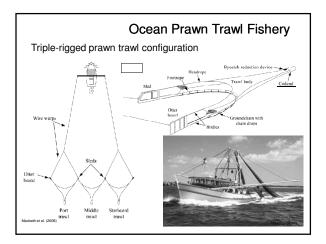


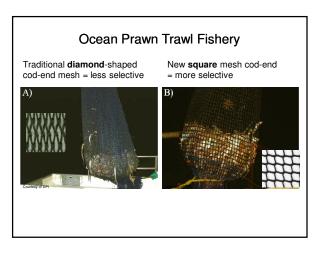








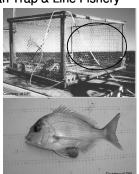


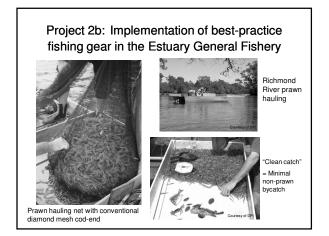




Project 2a: Implementation of best-practice fishing gear in the Ocean Trap & Line Fishery

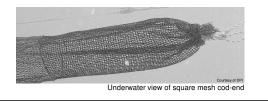
- Escape panels -50x75mm weld mesh on one face of trap
- 2 rolls provided to each fisher = 24 escape panels
- > 31 fishers signing agreements & implementing best practice
- Total of 744 ocean fish traps in fishery with BRDs

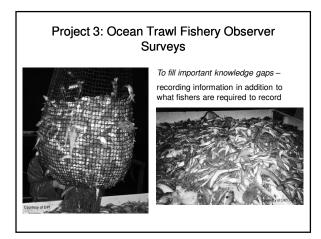




Project 2b: Implementation of best-practice fishing gear in the Estuary General Fishery

- > 81 Estuary fishers signed agreements
- > Each received enough square mesh to make 4 cod-ends
- > Flexibility to use in a range of regulated prawning gear
- > 324 units of best practice gear being used to catch prawns in north coast estuaries

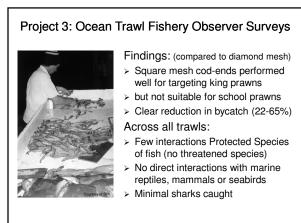


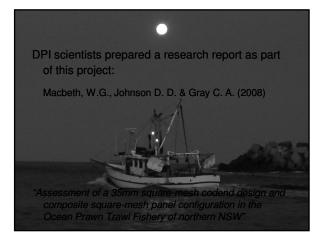


Project 3: Ocean Trawl Fishery Observer Surveys Observers systematically record information including: Size of retained individuals Quantity and composition of bycatch Any interactions with threatened species

Where prawn trawling is occurring







Lessons

- Like other stakeholders, the commercial fishing industry should be engaged in projects as early as possible to obtain the greatest results and uptake.
- New gear must be tested under a range of commercial operating conditions to ensure that it can and will be effectively implemented.
- Monitoring and 'adaptive management' of best practice techniques is essential for long term success.

Project 4: Observer Survey of Commercial Shark Fishing

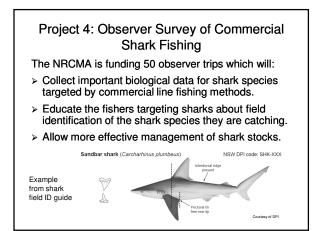




Dusky whaler

Sandbar shark

- Increase in targeted shark fishing by commercial line fishing vessels off NSW north coast.
- Fishers have difficulty correctly identifying and reporting sharks caught to species level.



NRCMA Investment in commercial fishery NRM projects to date:

- \$105K implementing best practice gear technology
- > \$151K onboard observer surveys
- > Plus \$50K pilot fisher mapping project
- Substantial in-kind contributions from NSW DPI & commercial fishers.



