

Knowledge is Power

Nici Gibbs – SeaFIC Policy

Kevin Stokes – SeaFIC Science

David Middleton – SeaFIC Science



**SEAFOODINDUSTRY
COUNCIL**

The New Zealand Seafood Industry Council Ltd



Information is empowering

Main messages:

- Industry responsibility for collection & use of data
- There are challenges, but these can be overcome
- Requires commitment at all levels of the industry



What type of information?

- Ecological
- Biological
- Operational
- Economic/social

Historical emphasis

- data for stock assessment & TAC setting

Current & future broad emphasis

- Data for spatial allocation, environmental management etc



Why we need information

(1) Proactive planning

Eg: fisheries plans

(2) Protection of existing rights

Eg: marine reserves



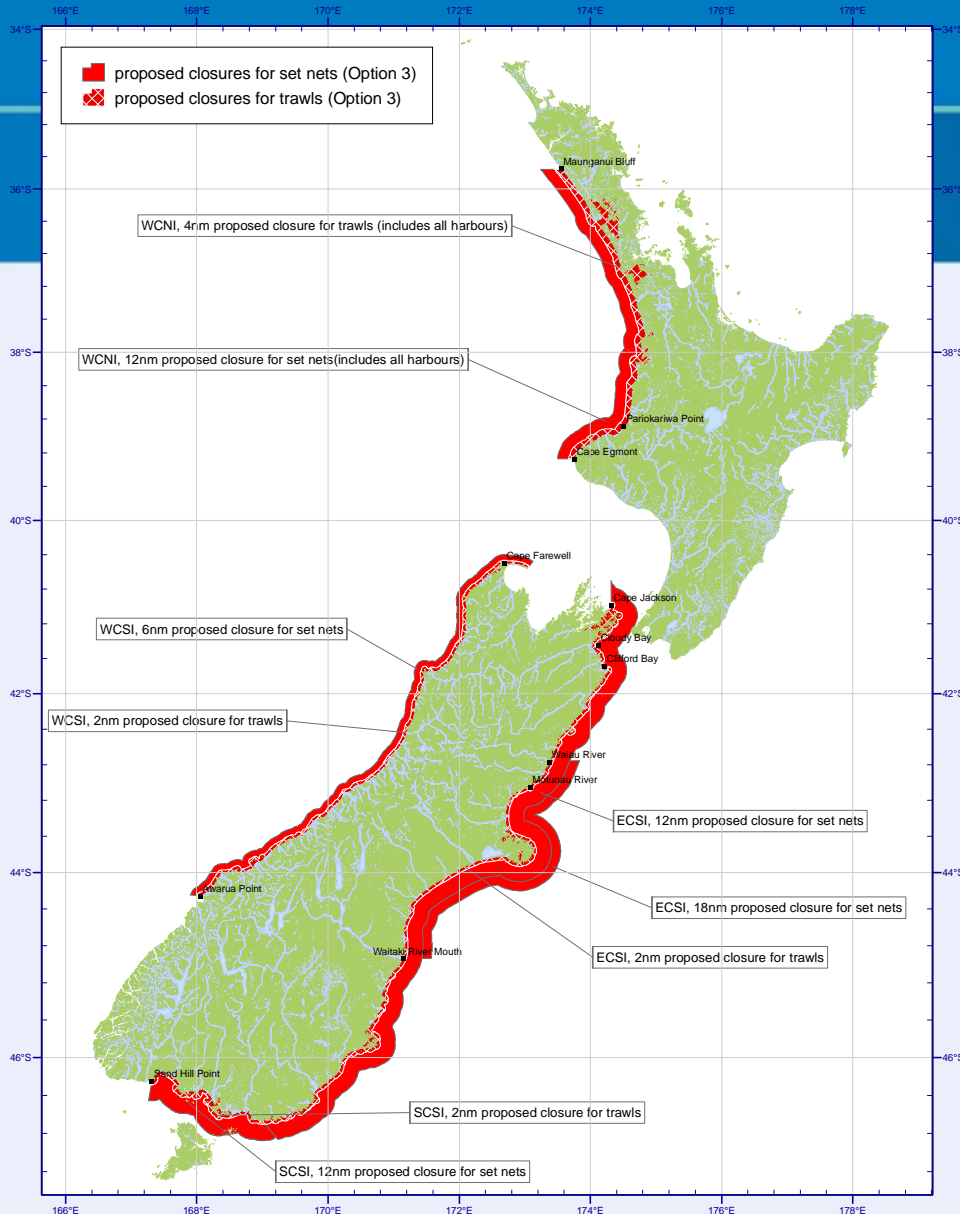
*Keep fishing, protect quota value,
enhance seafood industry value*

Hector's and Maui's Dolphin Threat Management Plan

Example 1

Hector's & Maui's Dolphin Threat Management Plan

- ✓ fishing location
- ✓ dolphin distribution
- ✓ economic data
- ✓ interactions



Map Projection: Mercator

© 12.5.25 50
Nautical Miles

© New Zealand Seafood Industry Council, Ltd 2007

1:8,000,000

Disclaimer
Terms of use
Your access to and use of the data provided by SeaFIC is conditional on your acceptance and compliance with the terms, conditions, and disclaimers contained in this document.
SeaFIC makes no warranties express or otherwise, or representations regarding the quality, accuracy or fitness for purpose of any of the information provided to you.
Under no circumstances will SeaFIC be liable for any loss or damages resulting from any use of the information supplied by SeaFIC.
This disclaimer applies unless revoked by a statement to the contrary.

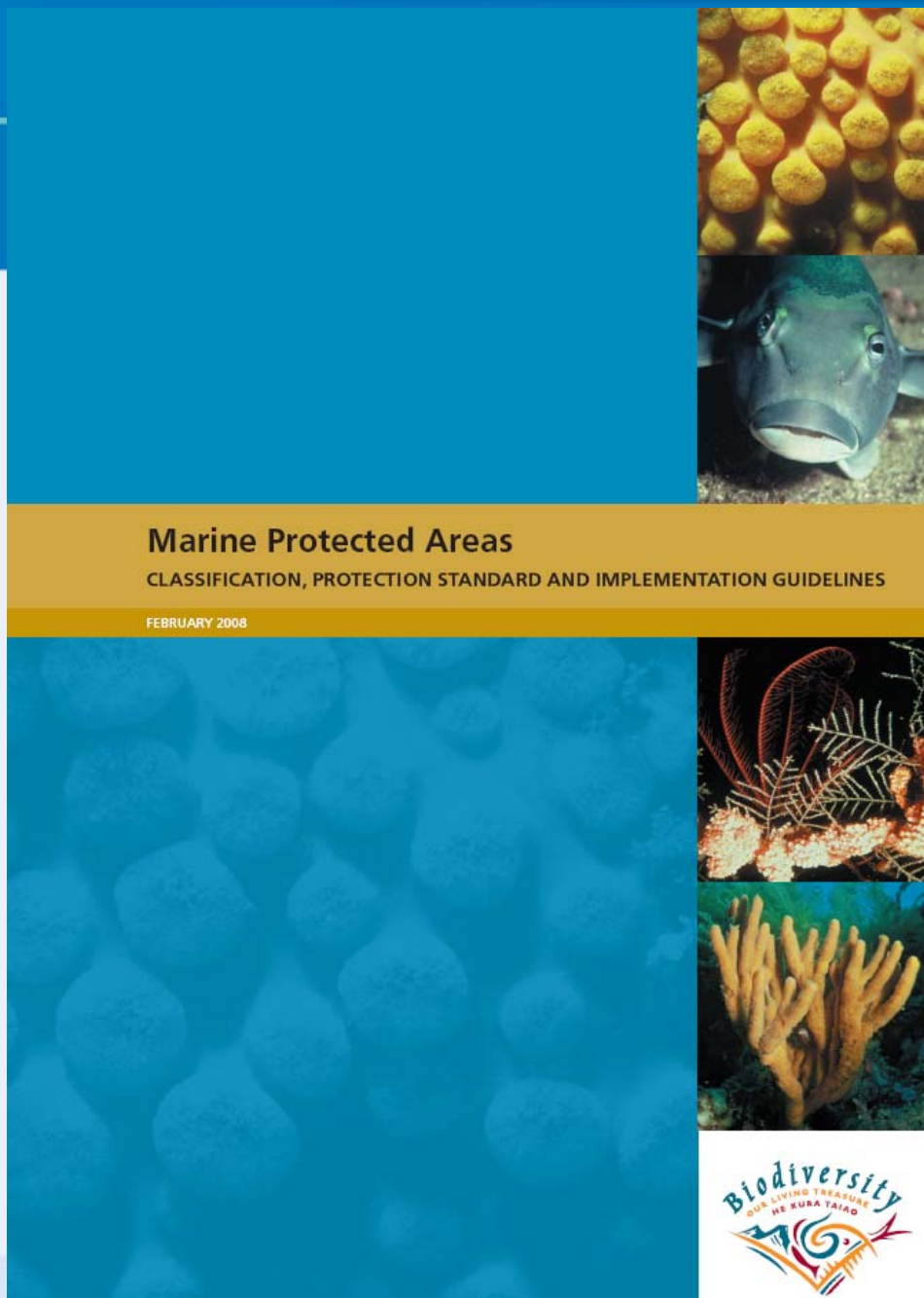
Example 2

Marine Protected Areas

14 bioregions &
44 habitats
= **616 habitat types**

Each will be protected through:

- a marine reserve
- and at least one replicate MPA



Challenges

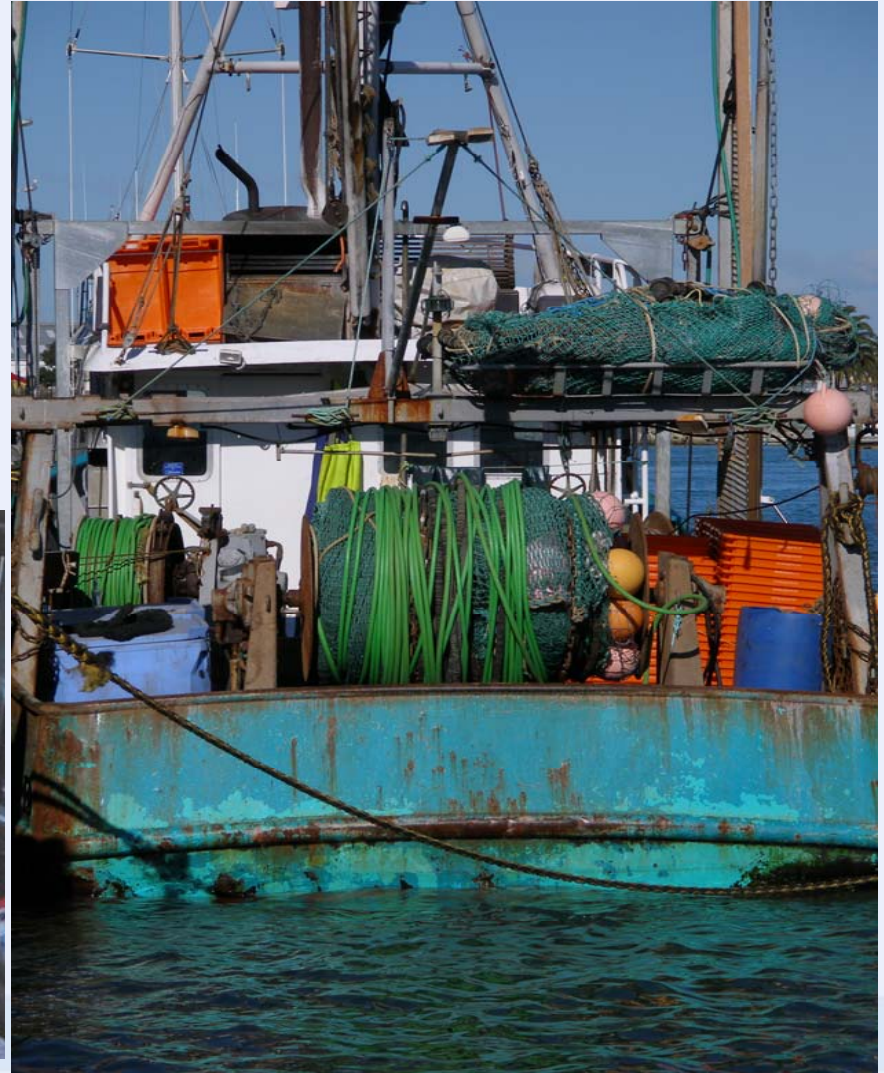


- Government control of catch data
- Reactive data collection
- Uneven distribution of costs & benefits
- Confidentiality
- No compulsion
- Quality of data is vital

• Having good data is not a silver bullet

Overcoming the challenges (1)

- Planning
- Communication
- Reducing the burden on fishermen



Overcoming the challenges (2)



- **Improving quality of information**
- **Protecting confidentiality**
- **Maximising the impact of data**

Conclusion

- **Key issue is industry responsibility for data**
 - Control over what data are collected, how they are managed, who has access & how they are used
 - Demonstration of industry responsibility
 - **SeaFIC has a role, but need industry commitment to provision of data**
- 