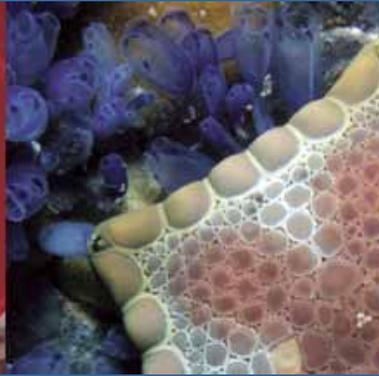


# Regional Marine Planning in Australia

An Ecosystem Based Management Approach

*Healthy  
wisely for  
healthy oce  
for the be*



*and used  
the future  
use wisely  
the healthy*

**Ecosystem Based Management Workshop  
Cairns**

**20 June 2003**

National Oceans Office



# Australia's Oceans Policy

## *Vision:*

*Healthy oceans, cared for, understood and used wisely  
for the benefit of all, now and in the future*

- First major policy commitment to multi sectoral EBM approach
- Promotes ecological sustainable development by:
  - Protecting marine biological diversity
  - Encouraging competitive marine industries
  - Implementing an integrated, ecosystem-based approach to oceans planning and management.

Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



# Australia's Ocean Activities

- Marine industries are worth 5-10% of Australia's national economy.
  - Industries include shipping, fisheries, oil and gas, and tourism.
  - Other activities include defence, research and recreation.
  - Complex management for these activities
    - multi sectoral, multi jurisdictional.

Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



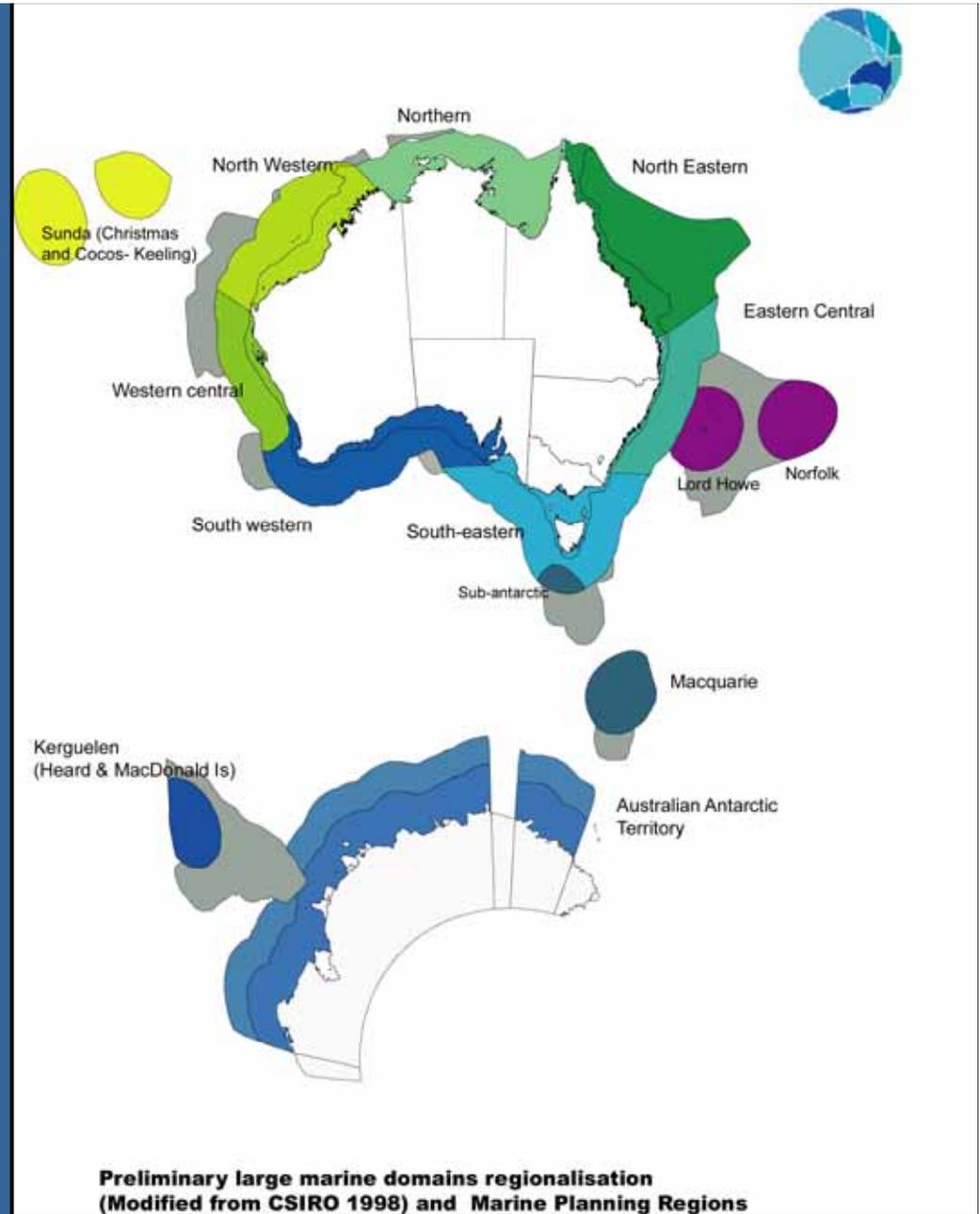
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



# Regional Marine Planning

Delivering EBM at large marine ecosystem scale

Includes integration across sectoral management arrangements, strong stakeholder participation making and an adaptive approach.



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.

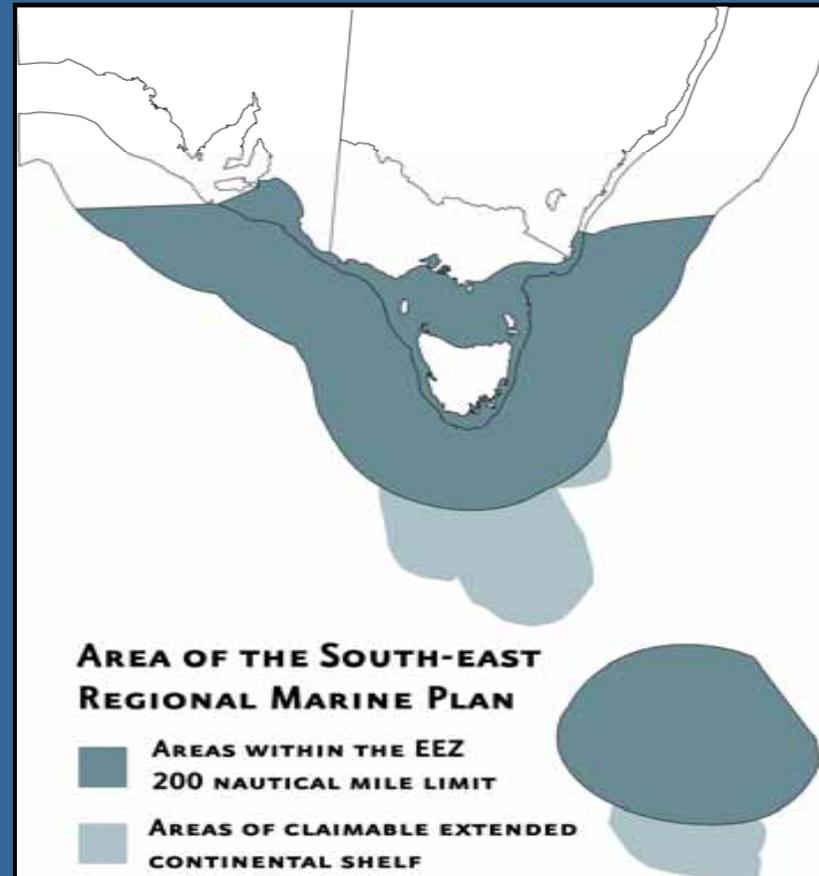


Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



# The South-east Marine Region

- First regional marine planning
- Covers area of 2 million km<sup>2</sup>
- Includes three large marine domains:
  - South-eastern
  - South-Tasman Rise
  - Macquarie
- Characterised by multiple use and high biodiversity and productivity



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



future Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



# How an EBM approach was applied in developing the plan

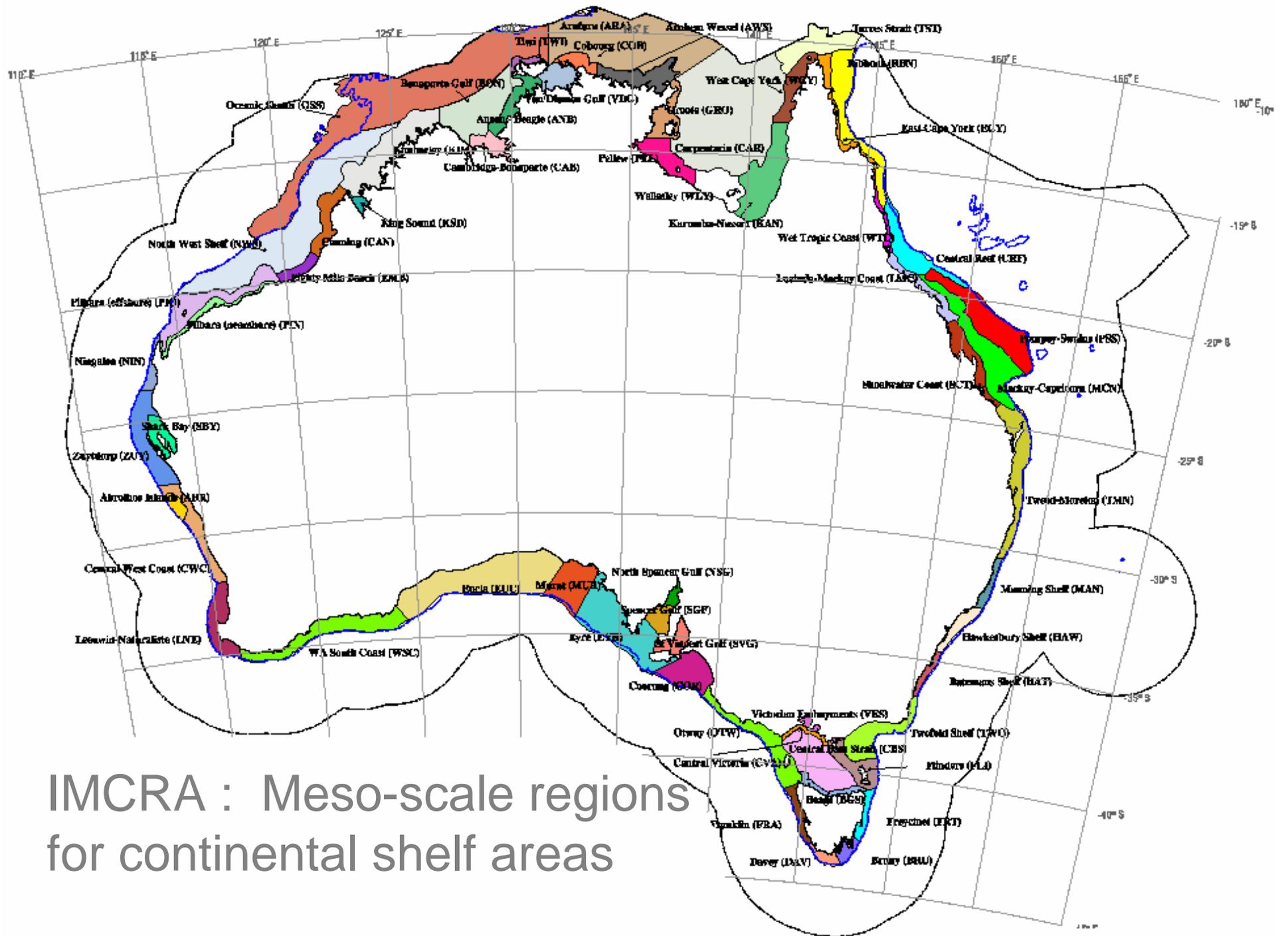
- Developed a whole-of-system picture with
  - best available biological and physical information
  - information on current and prospective human uses
- High engagement of non-government and government stakeholders
- Applied a risk-based approach to define major issues
- Strong reliance on stakeholder networks for communication

Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future

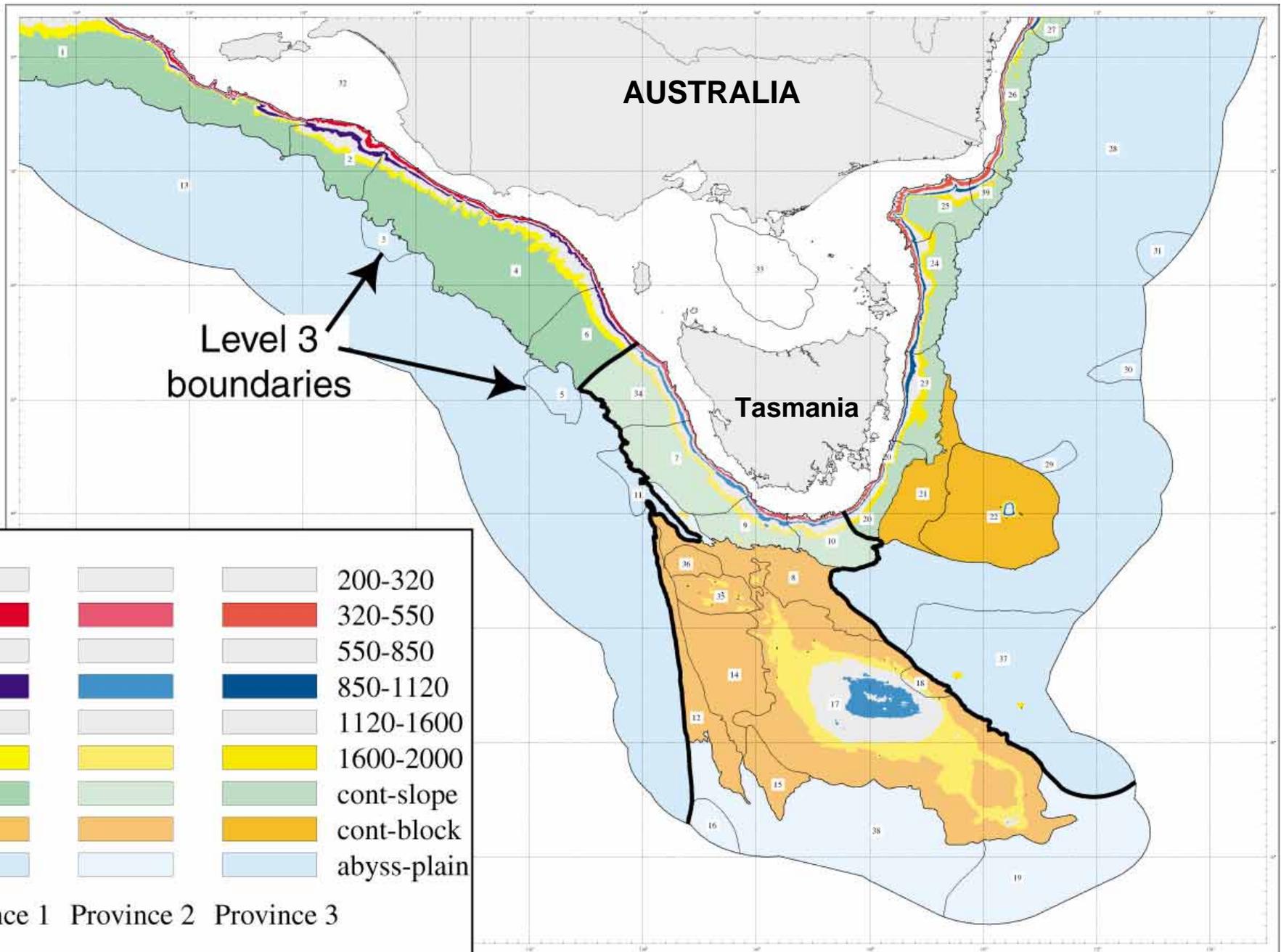


Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future

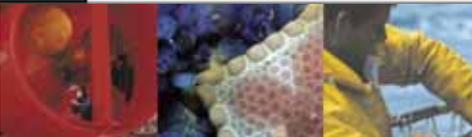




IMCRA : Meso-scale regions for continental shelf areas

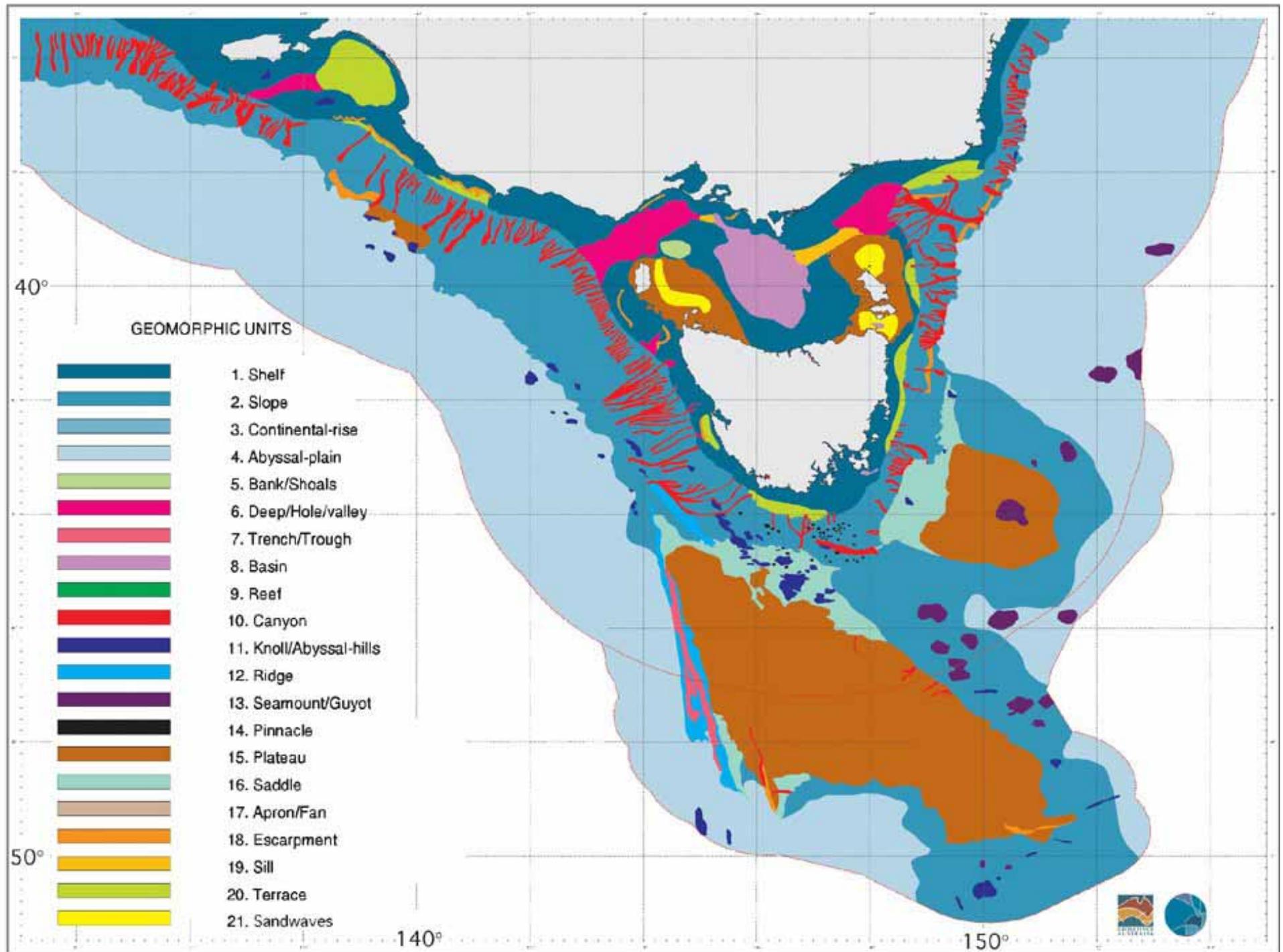


Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.

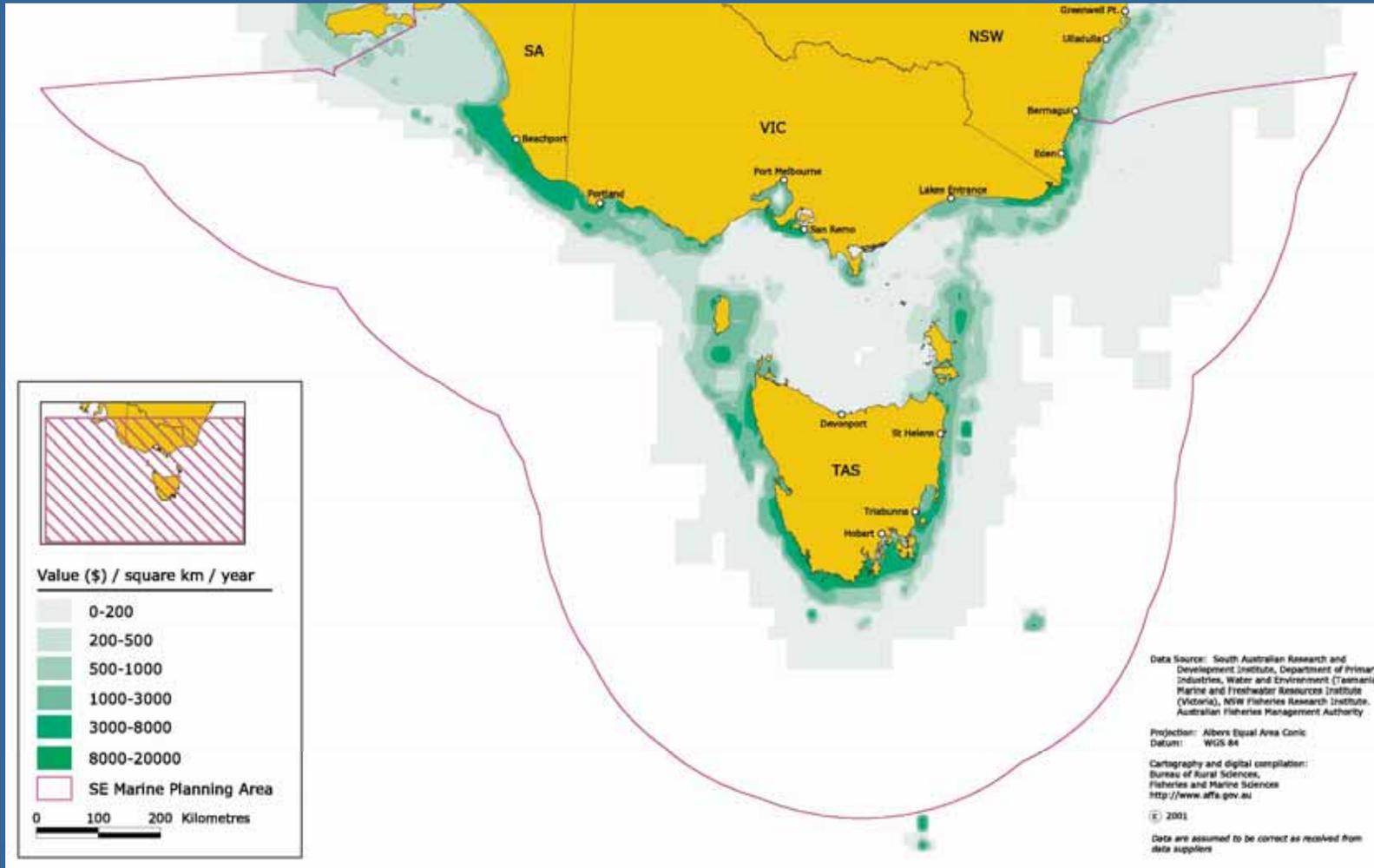


Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.





# Commercial Fisheries Value - all fisheries



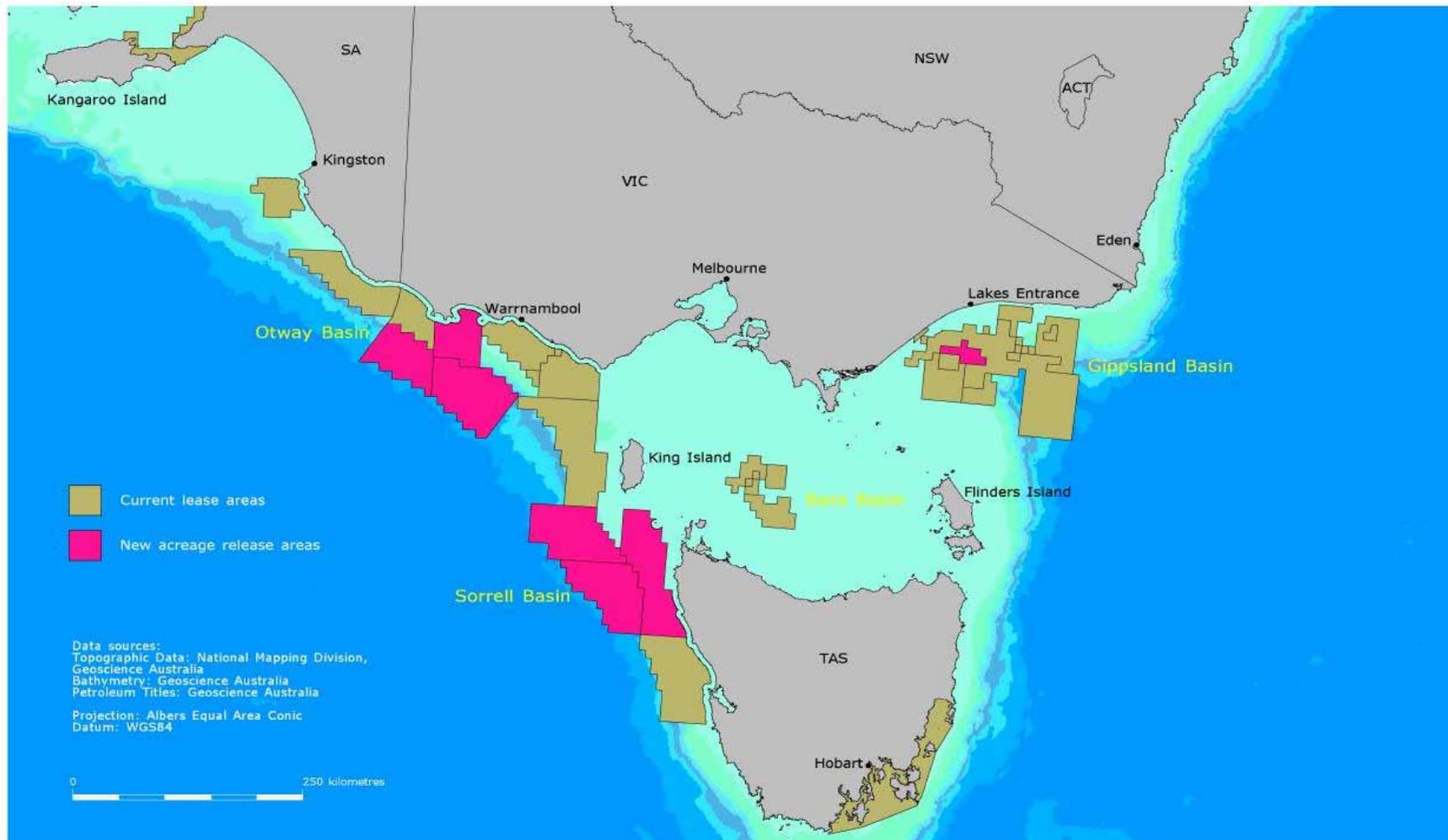
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



future Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



# Offshore Petroleum Titles 2001



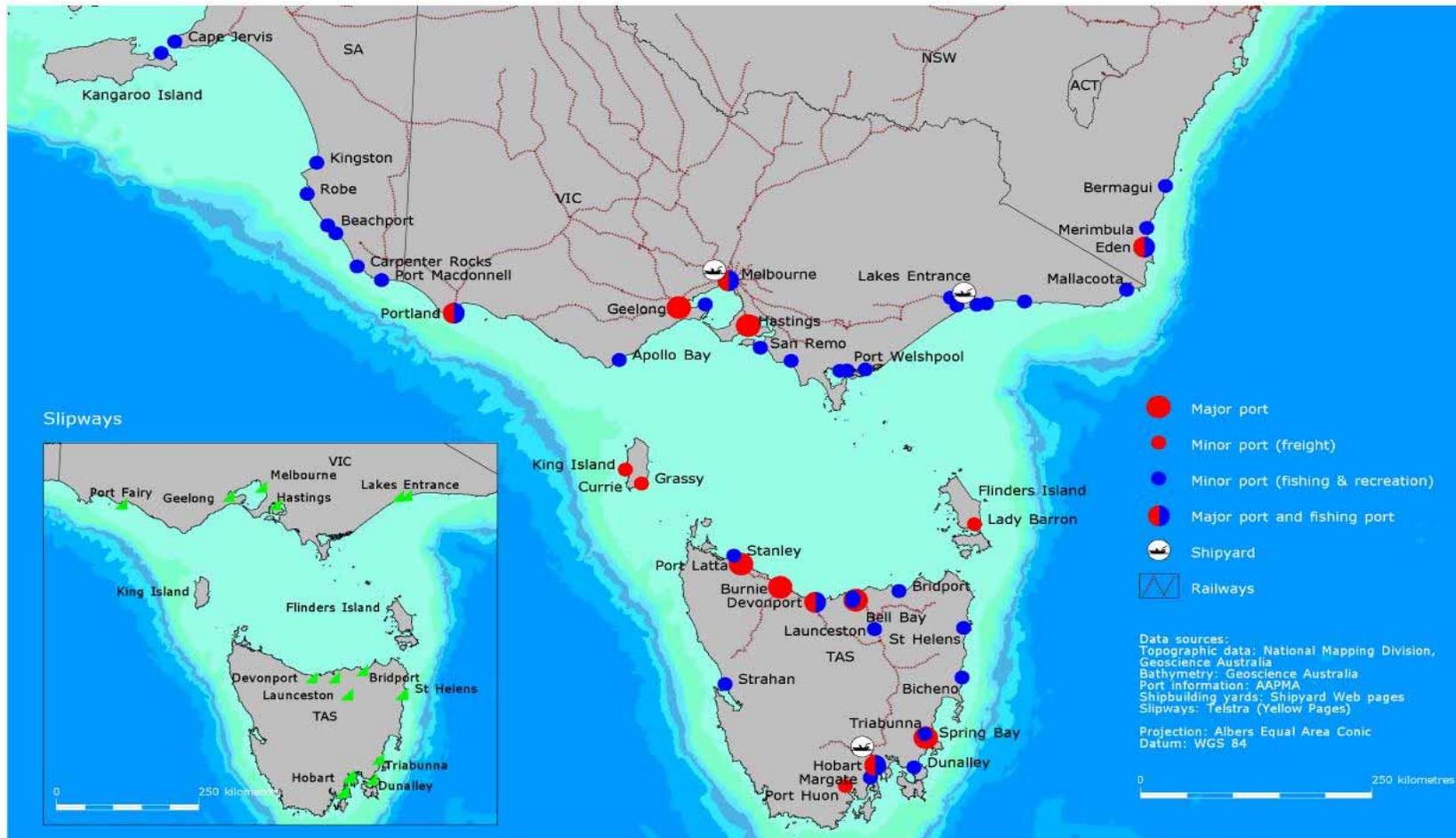
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



# Major and minor ports, slipways and shipyards



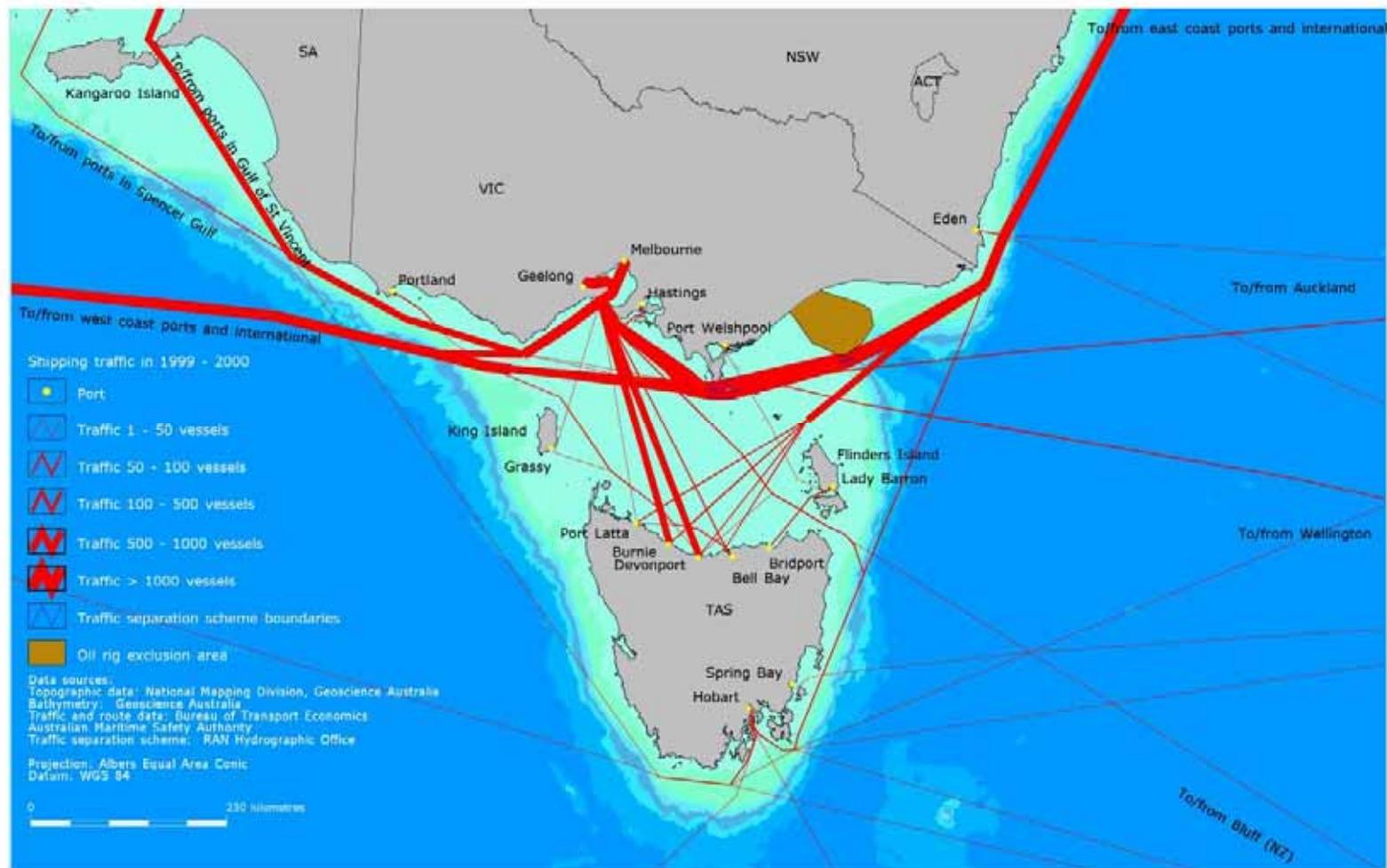
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



future Healthy oceans: cared for, understood and use and use wisely for the benefit of all, now and in the future



## Shipping routes and traffic 1999 - 2000

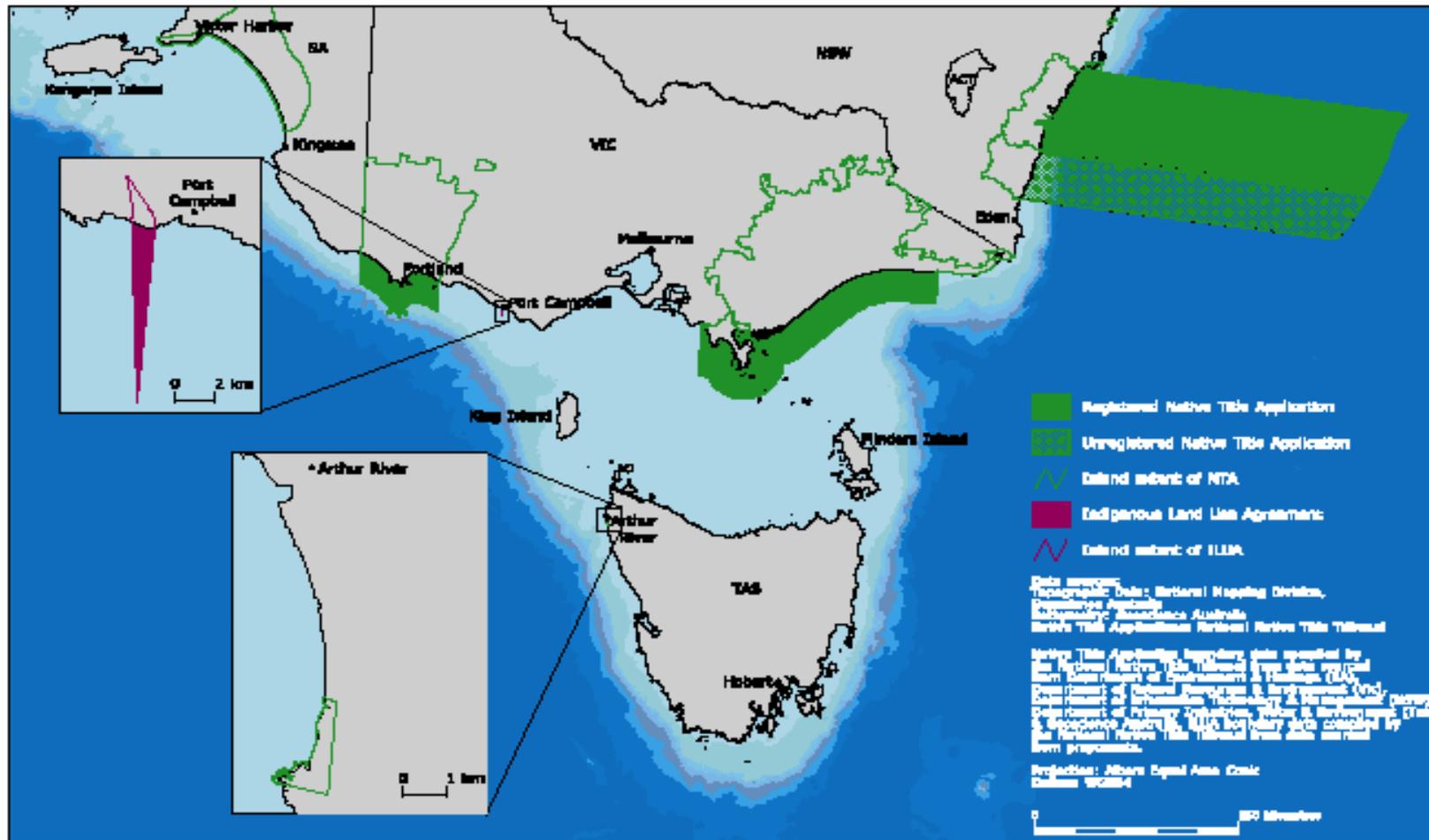


Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



future Healthy oceans: cared for, understood and use and use wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, und  
 re Healthy oceans:





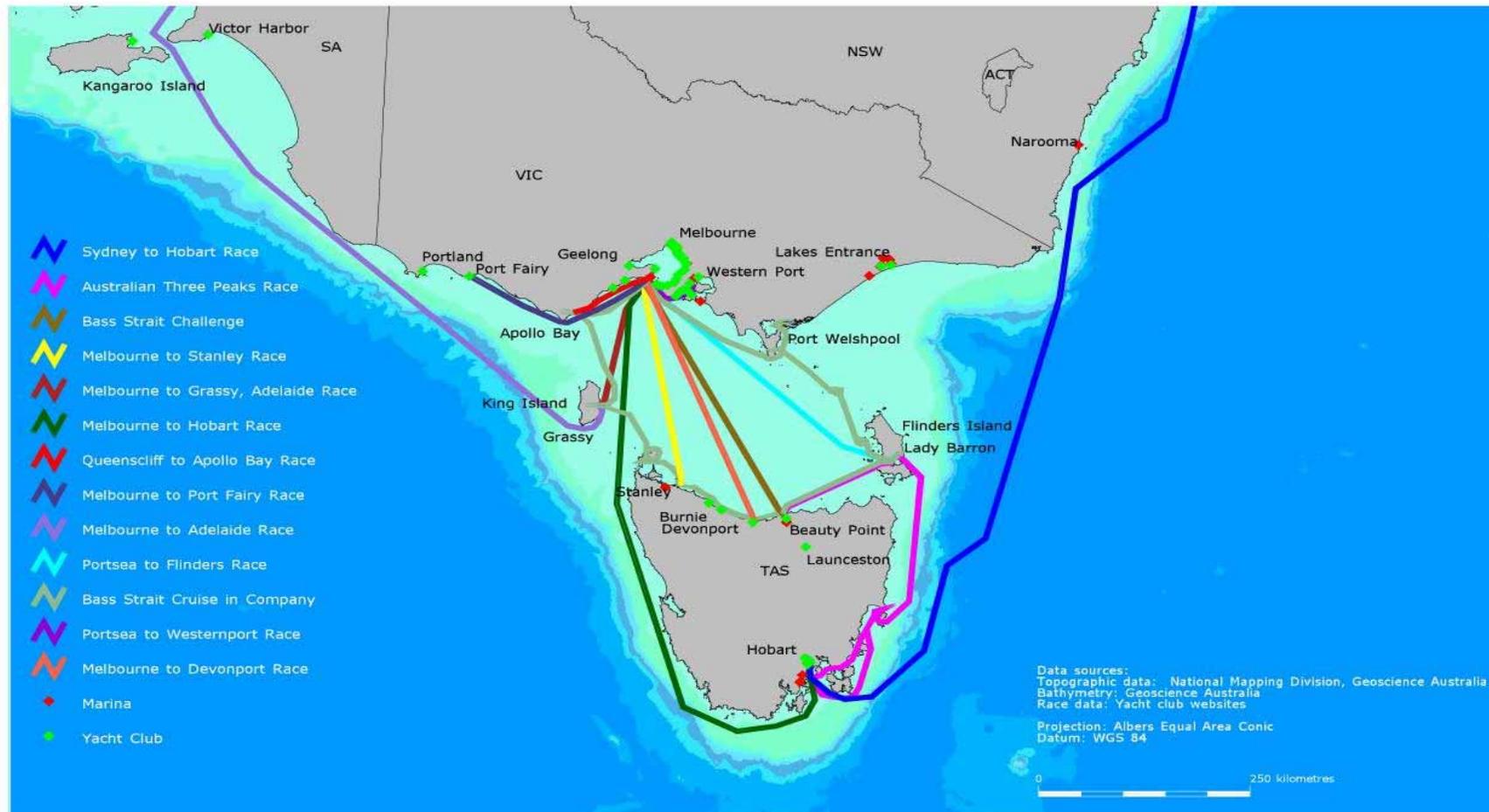
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



future Healthy oceans: cared for, understood and use and use wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, und  
 re Healthy oceans:



# Yacht racing



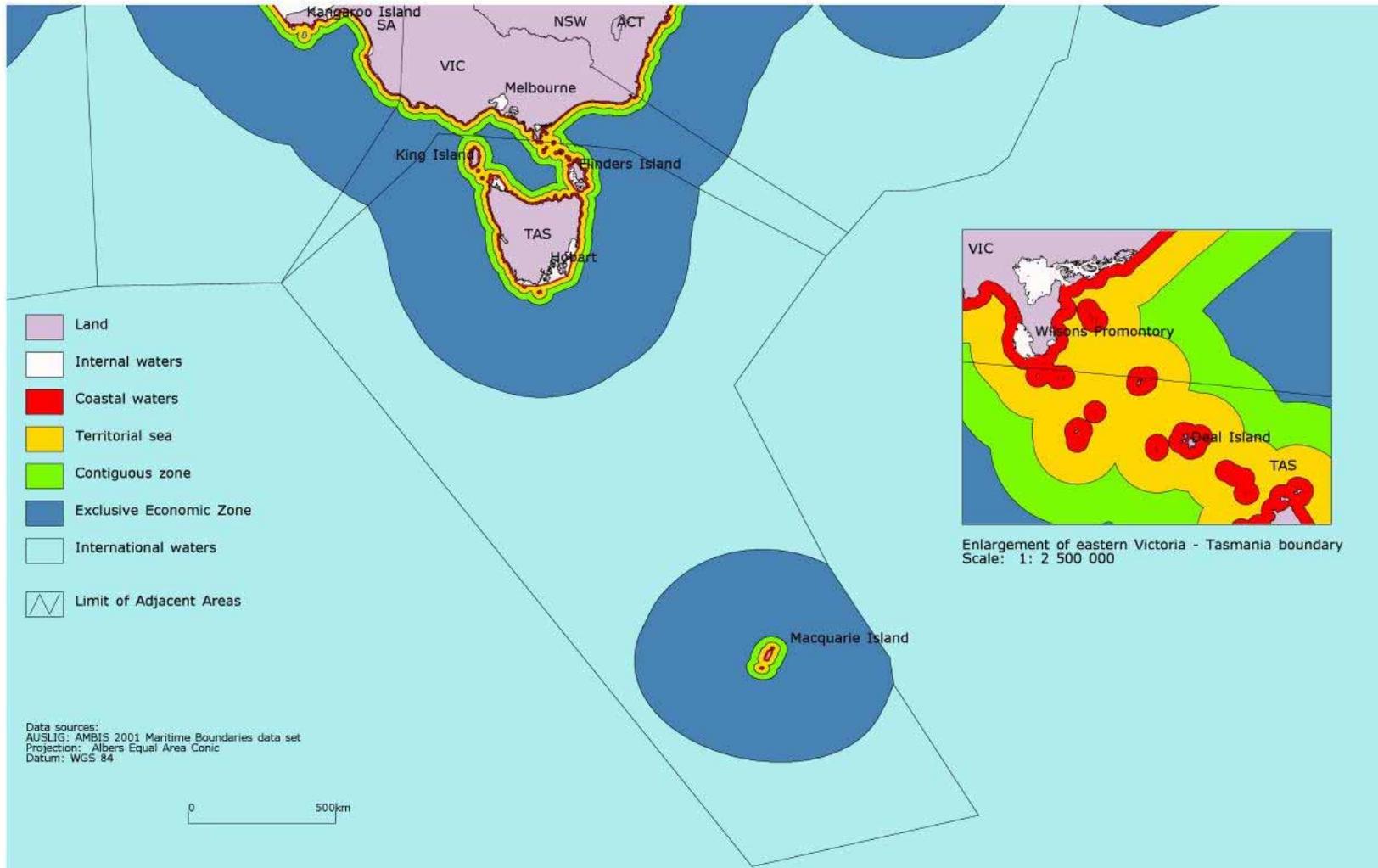
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future. Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future.



future Healthy oceans: cared for, understood and use and use wisely for the benefit of all, now and in the future. Healthy oceans: cared for, und are Healthy oceans:



# Jurisdictional boundaries



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



future Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
 Healthy oceans:



# How EBM informed the results

- Broad areas of interest for MPAs
- Process to integrate cross-sectoral issues
- Guidance for multiple use areas
- Performance assessment system
- Risk assessment techniques including for potential cumulative impacts
- Linking land, coast & oceans

Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future  
Healthy oceans: cared for, understood and used wisely for the benefit of all, now and in the future



# Challenges

- How to translate EBM to operational level – change of thinking
- How to achieve better governance
- How to ensure continued engagement
- How to achieve integrated performance assessment
- Cumulative impact assessment



