



Fish in the broader context of NRM



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Key issues we face

- Highly variable climate
- Highly regulated river system
- Historical focus on development over environmental considerations
- Flows counter to natural cycles
- Changing water management to achieve acceptable ecological outcomes

Working with Jurisdictions

- Technical and administrative support
- Advice
- Facilitation
- Factual support
- Collaboration and cooperation
- No surprises

The MDBBC has many 'On the Ground' Successes



Day to Day River Management:

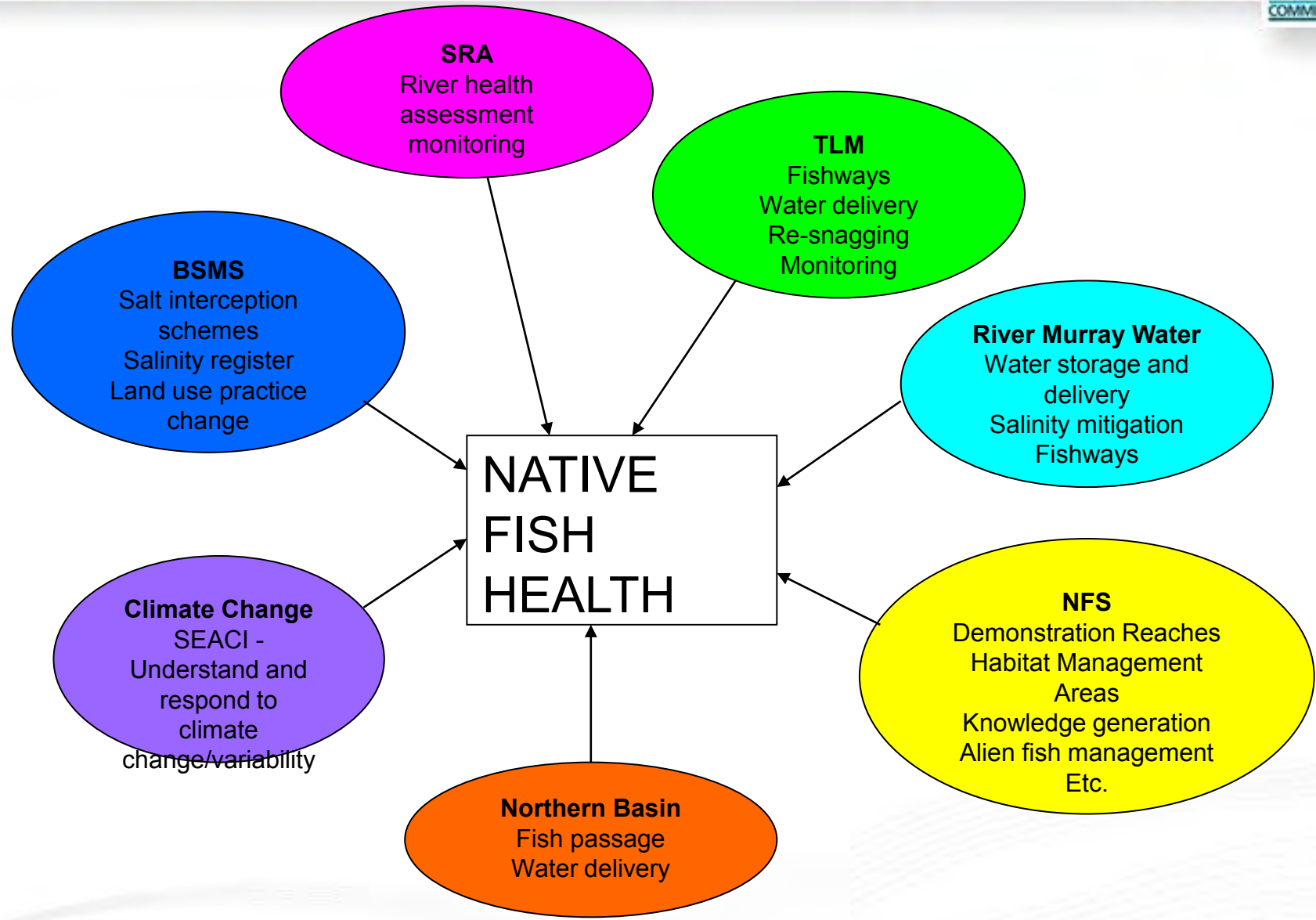
- | | |
|---------------------|---------------------------------|
| 1. River Operations | 4. Interstate Water Trade |
| 2. Asset Management | 5. Drought Contingency Planning |
| 3. Water Accounting | |

Sustainable Resource Management:

- | | |
|---------------------------------------|------------------------------|
| 6. The Cap on Diversions | 7. Basin Salinity Management |
| 7. The Living Murray – Water Recovery | 10. Native Fish Strategy |
| 8. Water Quality Monitoring | |

Planning for the Future:

- | | |
|--------------------------------|-------------------------------------|
| 11. Sustainable Rivers Audit | 14. Risks to Shared Water Resources |
| 12. Northern Basin Project | 15. Water Policy Development |
| 13. Integrated Basin Reporting | |



Fish in the broader context of NRM

- The NFS is being implemented within the context of integrated catchment management
- Native fish provide a visible link with other NRM issues
- Requires a partnership approach (landholders, Indigenous, cmo's, water managers, urban and rural communities, governments)

SOUTH AUSTRALIA

The Great Anabranch of the Darling River

Darling River

Chowilla Floodplain (including Lindsay-Wallpolla)

4

River Murray

3

Hattah Lakes

2

Gunbower, Koondrook-Perricoota Forests

Barmah-Millewa Forest

1

Edward River

Wakool River

Murrumbidgee River

Murray Mouth, Coorong & Lower Lakes

5

VICTORIA

Goulburn River

Mitta Mitta River

First Step Decision
500 GL of water recovery
\$500 m for water recovery
\$150 m for Environmental Works & Measures
Additional funds provided by Australian government in 2006

6

River Murray Channel

Murray-Darling Basin

Six icon sites identified for their high conservation, recreation, cultural, heritage and economic value

Koondrook-Perricoota Forest

Flood Enhancement Project

- Operated 1 in 3 years
- Cost estimated to be about \$40 million

Modelled flood extent

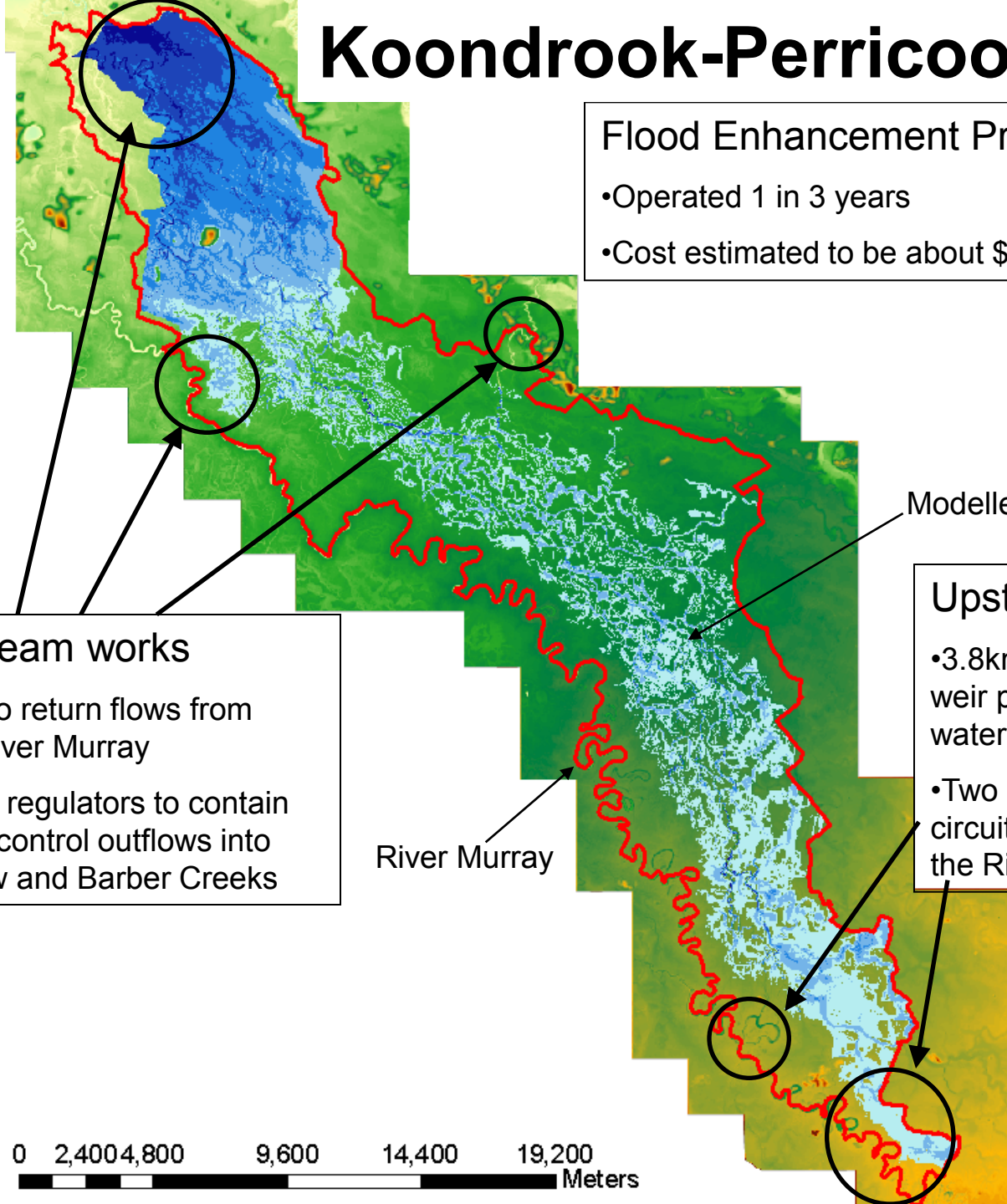
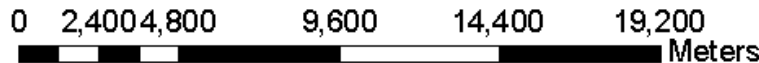
Upstream works

- 3.8km channel from Torrumbarry weir pool into forest to deliver water
- Two regulators to prevent short circuiting and return of flows to the River Murray

River Murray

Downstream works

- Channel to return flows from forest to River Murray
- Five large regulators to contain water and control outflows into Thule, Cow and Barber Creeks



A scenic view of a lake with trees and reeds. The foreground is filled with tall, green reeds. The middle ground shows a calm body of water reflecting the sky. The background is a dense line of trees with green foliage under a clear blue sky.

Thank you
www.mdbc.gov.au