Australian Government
Department of the Environment

TOOLING UP POLICY

Science-Policy interface

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THE DAY AFTER TOMORROW
WHERE WILL YOU BE ?

Science – Policy Interface (SPI)

SPI are Social processes which create relationships between Scientists and the players that create policy.

It allows for exchanges, co–evaluations and joint construction of knowledge leading to evidence based policies.

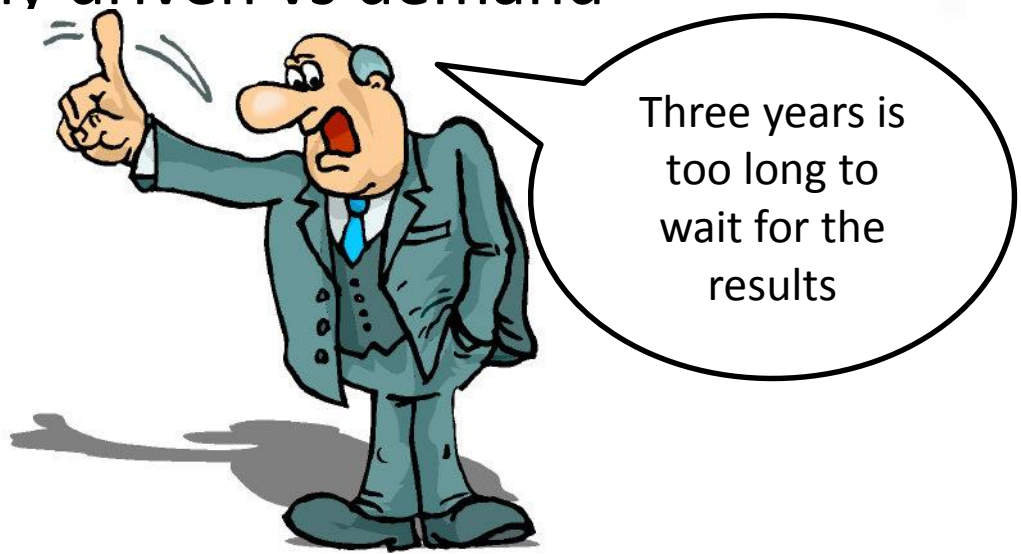
Science and Policy differentiation

	Science	Policy
Goals	Knowledge	Action, policy
Results	Publications	Implementation
Quality control	Peer review	Political & social acceptance
Knowledge	Abstract	Amalgamated, tangible
Time frame	Long term	Short to medium term

T. Raadgever, 2009

SPI Tradeoffs

- Personal time: face to face meetings vs doing other things
- Clarity-complexity: simple message vs in depth and uncertainty
- Responsive-quality : timely outputs vs in depth research
- Push-pull: supply driven vs demand driven research



Technical

Champion

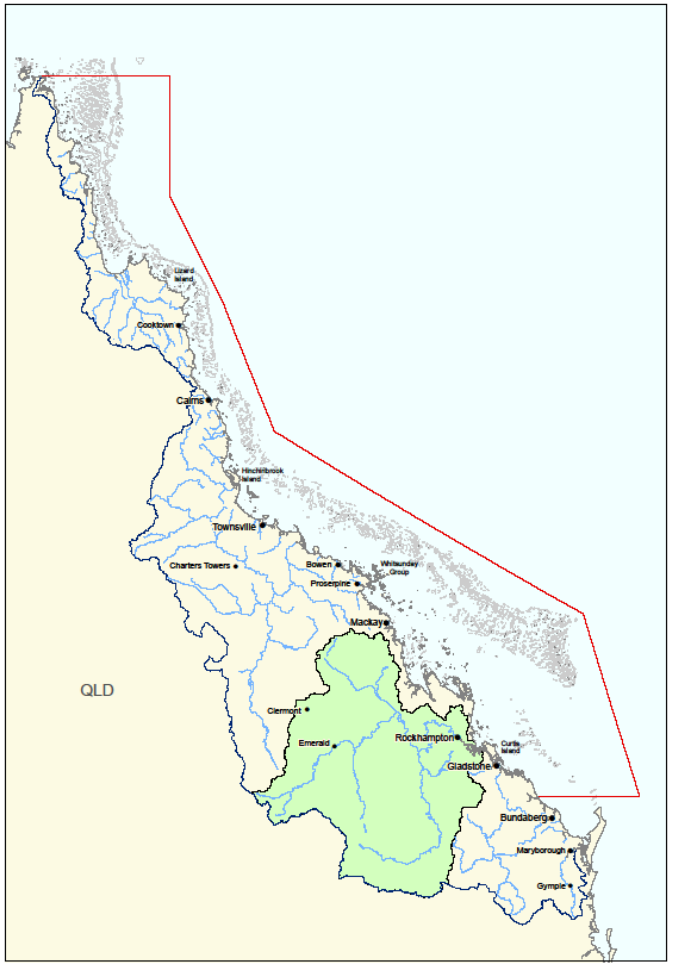
Science

Policy

Spatial Prioritisation
Case Study Fitzroy catchment

Fitzroy catchment:

- Major industries: agriculture and mining
- 25% population growth next 5 years
- 106 MNES species (fauna and flora)
- 11 Threatened Ecological Communities



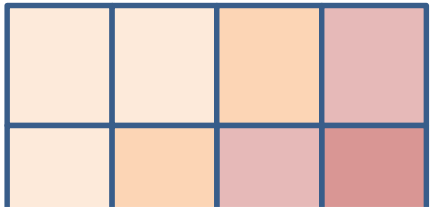
Questions:

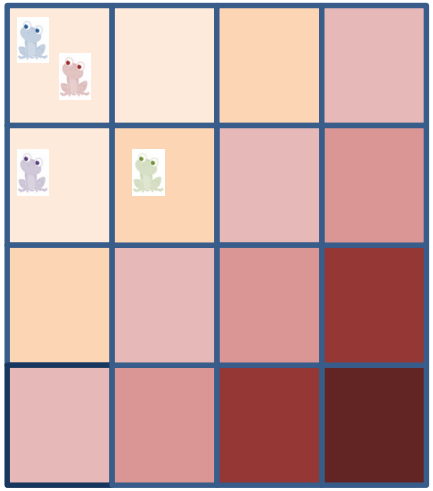
- Which part of the landscape has the highest conservation value in relation to MNES, in the Fitzroy catchment?
- What areas in the Fitzroy catchment could be considered for higher levels of protection to adequately protect MNES?

Why systematic conservation planning

Systematic conservation planning comes under the CAR (comprehensive, adequate and representative) framework

- Efficiency
- Complementarity





Solution 2

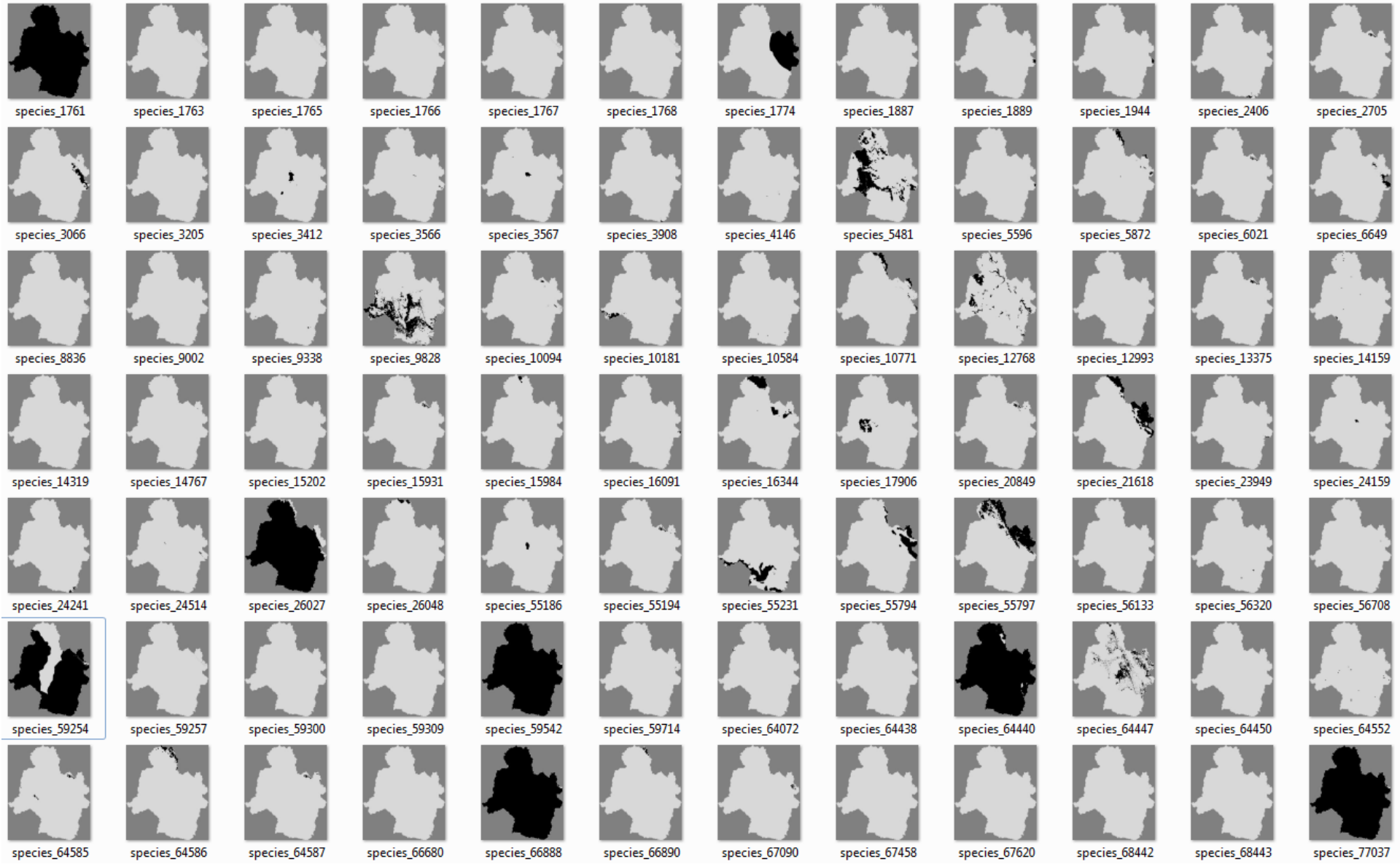
High

st

Area								Richness
1	x			x	x	x	x	5
2	x			x	x	x	x	5
3		x				x	x	3
4	x				x	x	x	4
5		x	x	x				3

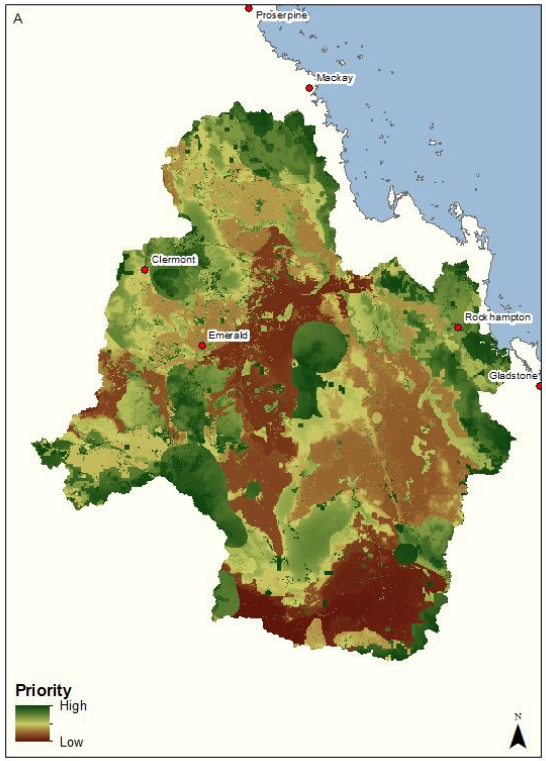
S. Linke

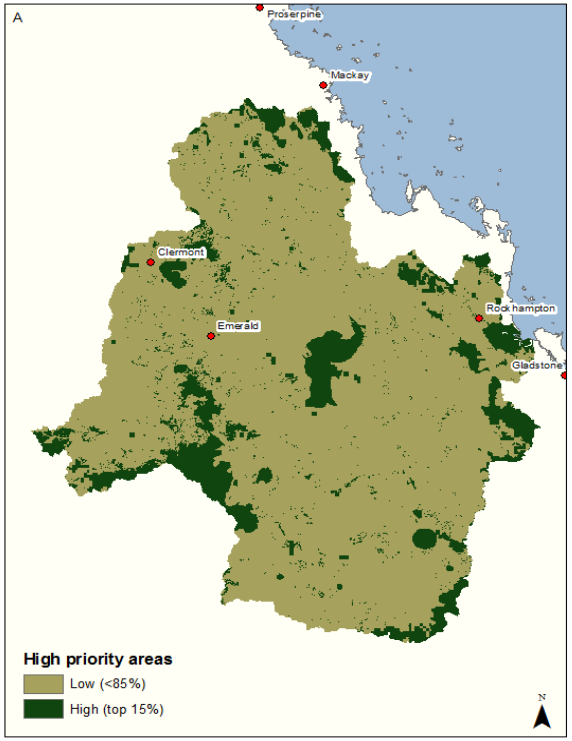
Bringing it all together:106 species, 11 TEC



Project outcomes

- The most important conservation areas in relation to MNES in the Fitzroy catchment
- Conversely, areas that have low importance for conservation value. in relation to MNES





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Conclusion

Governments needs to implement Evidenced-Based Policies.

- Scientists need to carry out innovative strategic research which will assist the current government agenda

- Government needs to be able to apply innovative science to guide policies