Rewilding Yorke Peninsula

Andy Sharp

Natural Resources Northern & Yorke

Brooke Liebelt

Yorke Peninsula Tourism



What is rewilding?

Rewilding is about restoring <u>natural processes</u>, to:

- ★ improve conservation outcomes
- ★ improve the ecosystem services provided by nature
- ★ reduce management costs
- ★ enable nature to take of itself.



Conservation Volunteers Australia - Rewilding the Desert

What is rewilding?

Rewilding is often associated with species reintroductions, examples:

- **★** predation
- ★ soil processes

But not always......

- **★** fire regimes
- ★ hydrological regimes

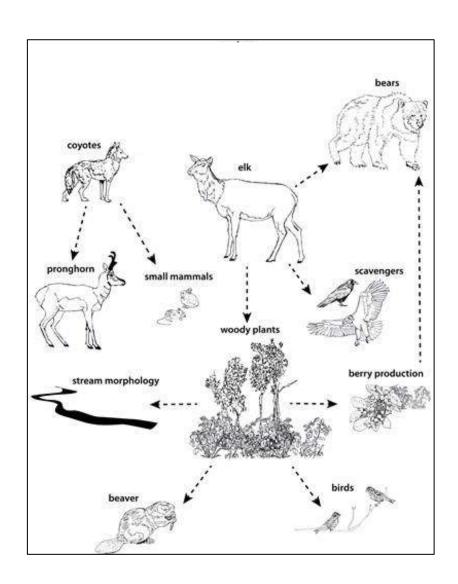




The classic example:

Wolves in Yellowstone N.P.

- over-abundant herbivores
 - → habitat degradation
- habitat degradation
 - → species declines
 - → soil erosion
- meso-predator release effects
 - → species declines

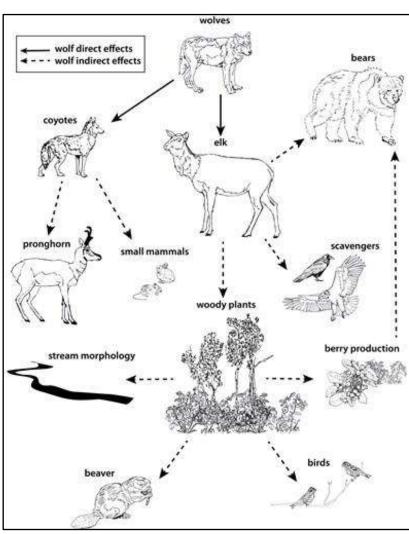


The classic example:

Wolves in Yellowstone N.P.

- Leopold report 1963
- "Wildlife Management in the National Parks"





An example: Rewilding Europe



Rewild one million hectares of land across ten different locations by 2020.

Reinstate grazing

Reinstate predation

Restore fluvial processes (erosion and sedimentation)

Reinstate scavenging

Species reintroductions:

Wild horses

Aurochs

European bison

Ibex

lynx

Wolves

Bears









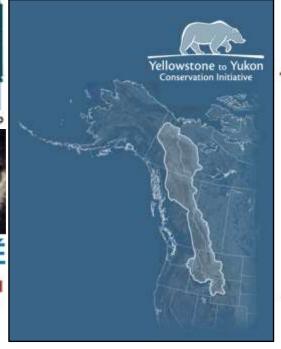














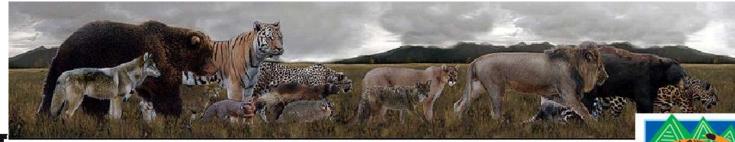








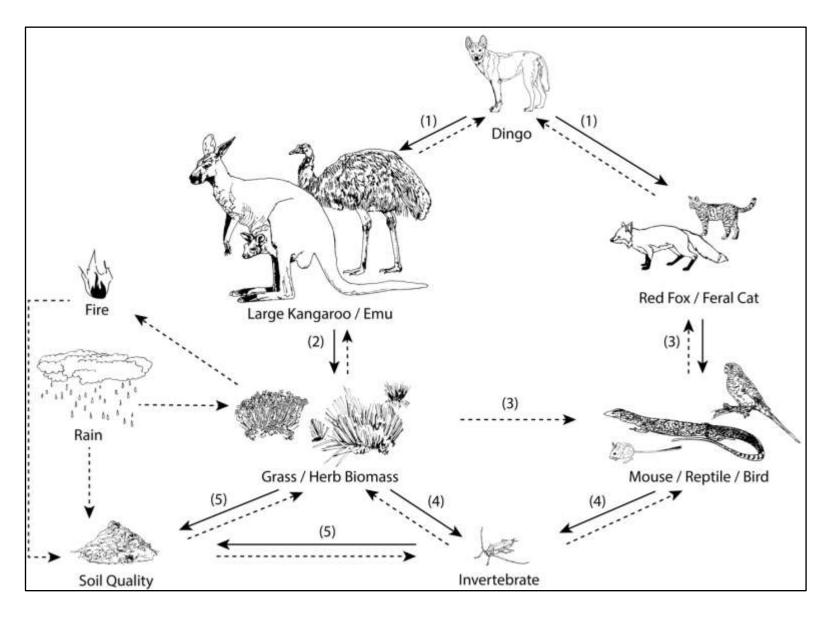




Why rewild Australia?



Why rewild Australia?



So what's the catch?

Social license is missing



Dingoes & sheep don't mix!!!!!!

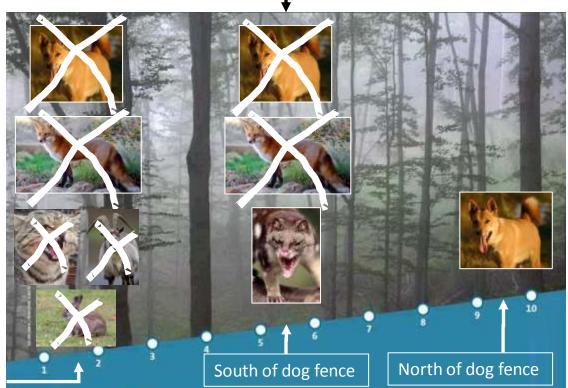
A protracted discourse is required.



The middle road

A few locations in Australia can follow the middle road

> **Current position** [manage everything]



A rewilding scale

in the context of Europe, rewilding is not symmymous with wilderness. If is about moving up a scale of ss within the constrains of what is possible leg is seen as a process rather than a state, and is about giving ecosystems a functional 'upgrade' whatever their nature, scale and location. On a hypothetical rewilding scale of n-no, wilderness areas would already be at 9-10. Restricting rewtlding to this upper end would limit both its geographical scope and

To quantify the process of newfiding, Newfiding furope is developing a new tool – the Newfiding Each condition is measured on a to-point scale arranged along a continuum. The process of rewilding is in fact expressed as moving up the Rewilding Scale In which each stop can be seen as progress towards

As each rewilding landscape has its own unique characteristics, the relative importance of the rate of will vary from site to site. This means that each

Values' on the Rewiking Scale.
The scalar evaluation of landscapes should be made on a regular diseasy around basis, and is based on best professional judgement by a select group of people boasting relevant skills, scientific knowledge and areas of expertise. The newliding Scale will be further number of rewilding landscapes after testing in 2016.

Rewilding Yorke Peninsula







































Rewilding Yorke Peninsula

Significant remnant bushland, slowly deteriorating



However, almost all of the terrestrial mammal fauna is now

extinct (27 species lost).



Ecological processes have been lost.

Missing icons



24 lesser known species



Bush Rat

The species

Native predators:

- Barn owl
- Red-tailed phascogale
- Western quoll







Soil engineers

- Brush-tailed bettong
- Southern Brown bandicoot

Keeping the ferals out





Agricultural outcomes

Reinstate native carnivores







→ reduce pest species







→ reduce livestock disease





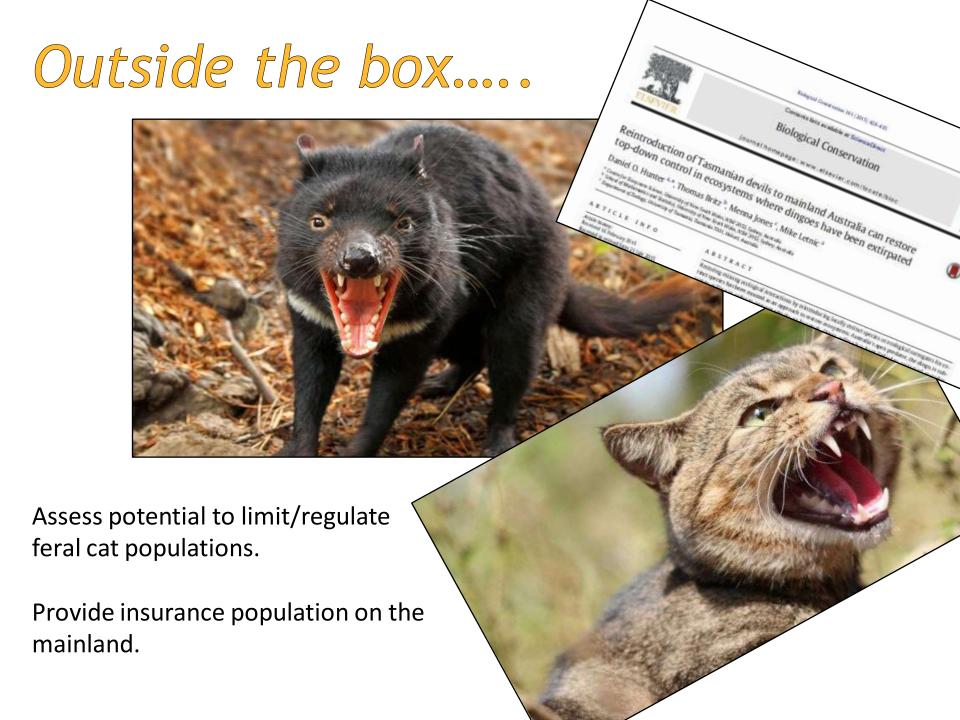
→ increase productivity



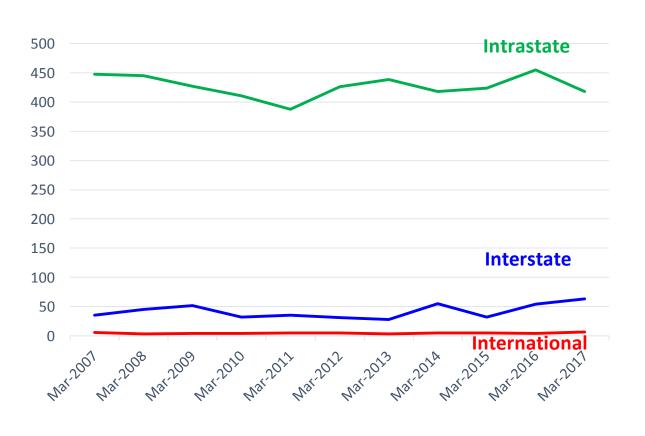








Overnight stays



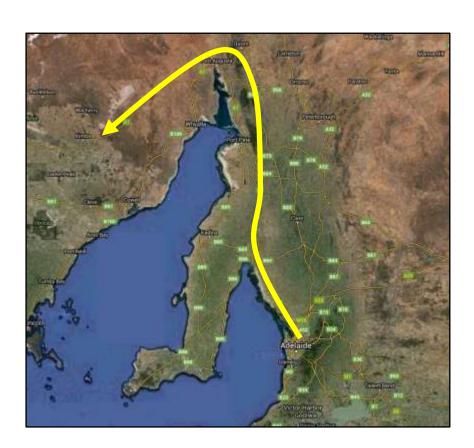
Yorke Peninsula attracts over 1 million visitors a year.

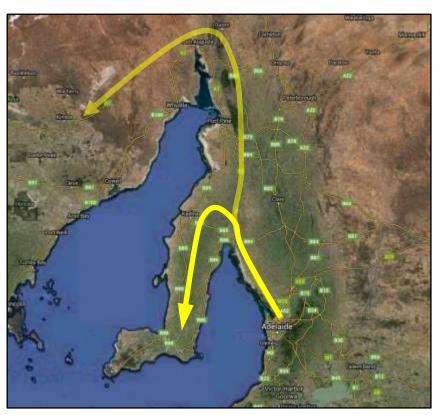
487,000 overnight visitors and 524,000 day trippers.

1.7 million nights stayed in the region.

Not too bad, but we can do better.

"Divert the flow"

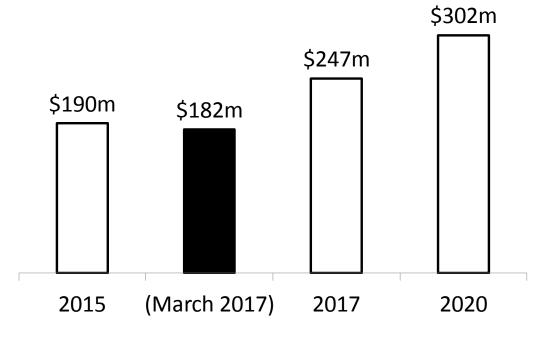




Interstate accounts for 10% of visitation and is an identifiable growth market. New product development and the upgrading of existing product. Rewilding is a unique product that will assist in attracting a larger market share.

The importance of tourism to the region





Regional Australia is in slow decline.

900 direct jobs in the visitor economy and a further 1,500 indirect jobs.

Tourism brings in \$182m in expenditure.

Aspiration to reach \$302m by 2020 (South Australian Tourism Commission).



Not this kind......



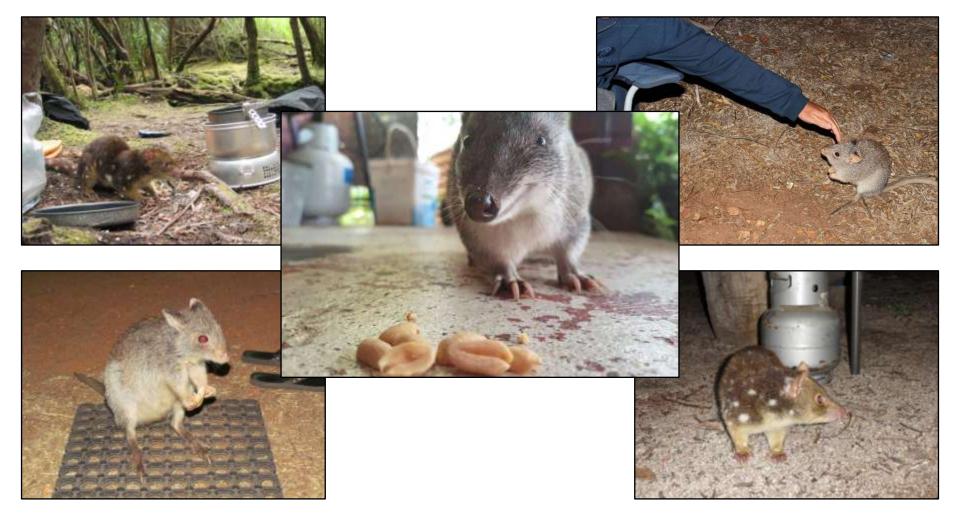






The more personal kind......the one-on-one experiences that you remember.

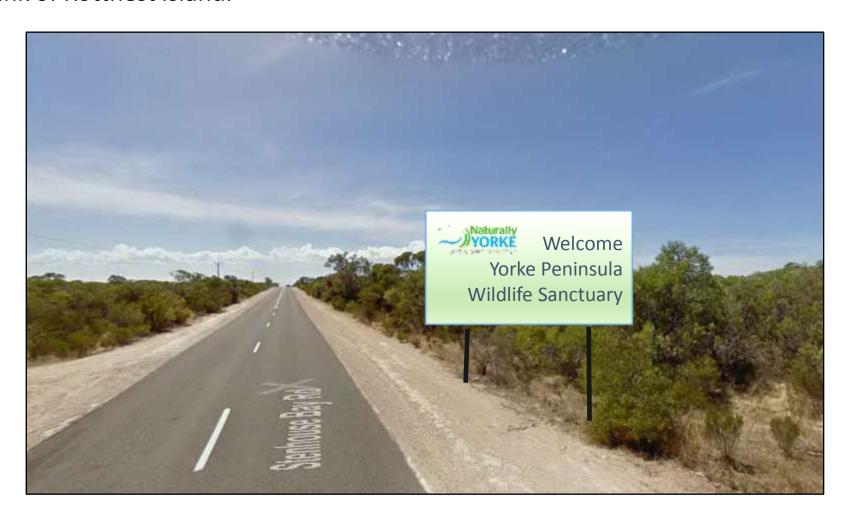
Authentic wildlife experiences



Eco-tourism

An open-range zoo for some of Australia's most iconic threatened species.

Think of Rottnest Island.



Eco-tourism

Marketing the experience.

"disconnect to re-connect"











Eco-tourism

Using the rewilding program itself as a brand?



Create greater brand awareness for the region, particularly with the interstate and international markets.

An enabler for other tourism businesses to leverage off the brand.

Thank you



