

# BUILDING COMMUNITY RESILIENCE IN REMOTE NORTH AUSTRALIA

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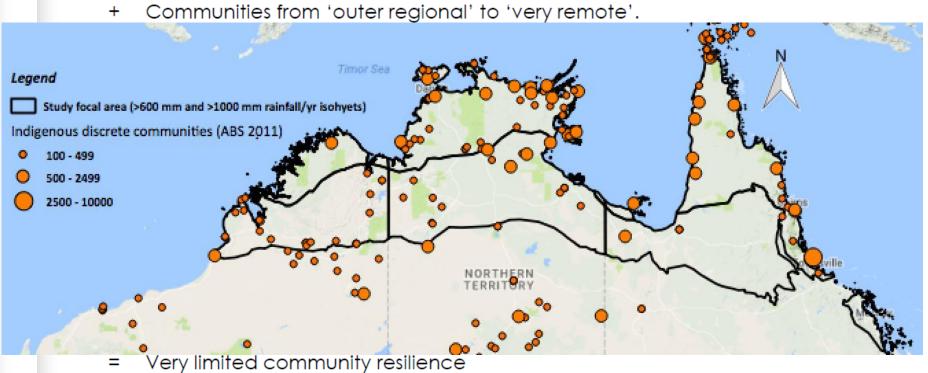


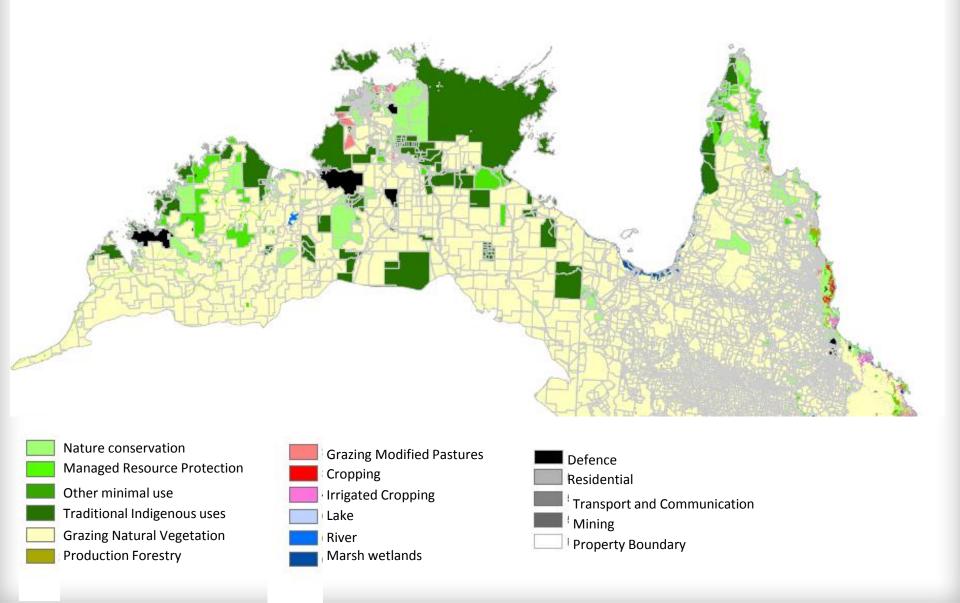
# BUILDING COMMUNITY RESILIENCE IN REMOTE NORTH AUSTRALIA

- Large 'action research' component.
  - Transform current fire/emergency/land mgt
- Build on Existing Capacity / Capability
- Nexus between:
  - Fire / emergency / land mgt &
  - Payment for Environmental Services
  - Traditional knowledge
  - Northern 'world view'

#### THE NORTH AUSTRALIAN BNH CONTEXT

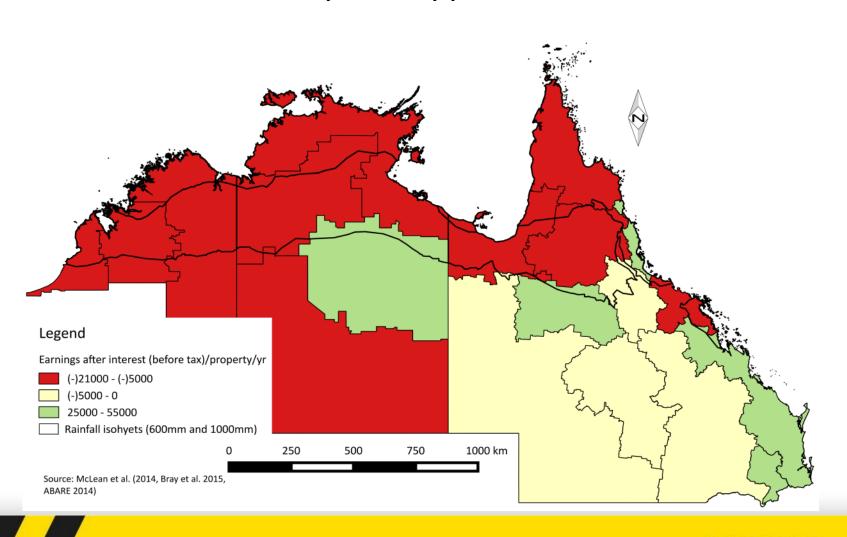
360,000 People





## Annual long-term (2001-2012) economic returns from <u>a typical, median-sized</u> <u>pastoral business in the north: Earnings After Interest but Before Tax (EAIBT)/yr</u>

(Source: based on ABARES 2014, McLean et al. 2014, Bray et al. 2015) except ~25% top performers



Documenting governance and leadership structures that work

Identifying emerging opportunities for wealth through PES

Understanding
Resilience
from a remote
community
perspective

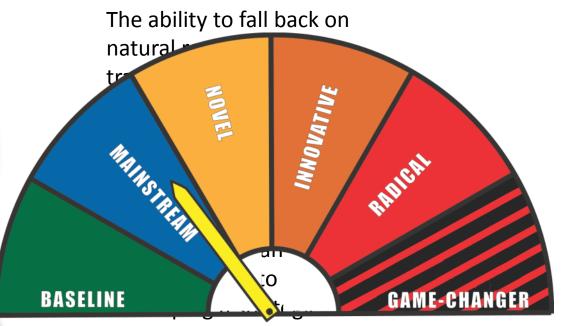
Focussing on existing strengths and capacities

Document physical risks in landscapes and communities Enhancing capacity through training and PAR

### LANDSCAPE RISK ASSESSMENT

Focussing on existing strengths and capacities

Document physical risks in landscapes and communities



approach to investment for improving resilience.

### **GOVERNANCE THAT WORKS**

Documenting governance and leadership structures that work

Focussing on existing strengths and capacities

While part of bureaucracy,
fire

MILLINGIAN

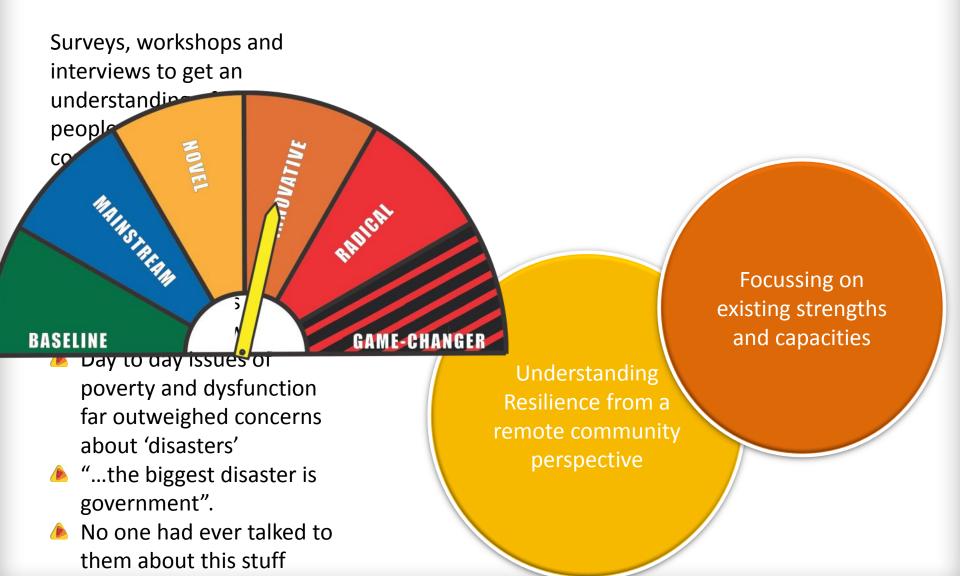
BASELINE

GAME-CHANGER

to identify ways of devolving fire and emergency management in remote communities.

As far as we know this hasn't been done before...

### **UNDERSTANDING RESILIENCE**



## "PAR"- PARTICIPATORY ACTION

**RESEARCH:** 

Focussing on existing strengths and capacities

Enhancing capacity through training and PAR

BASELINE

Improve their understanding of the role for

government

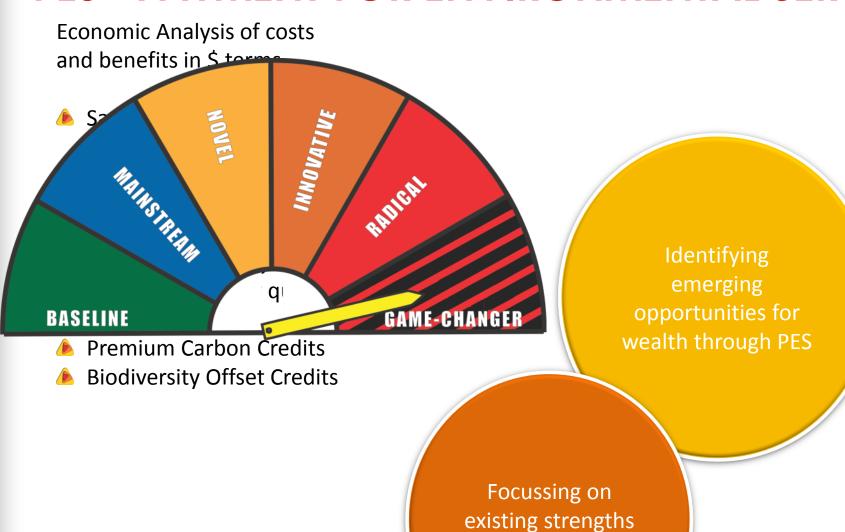
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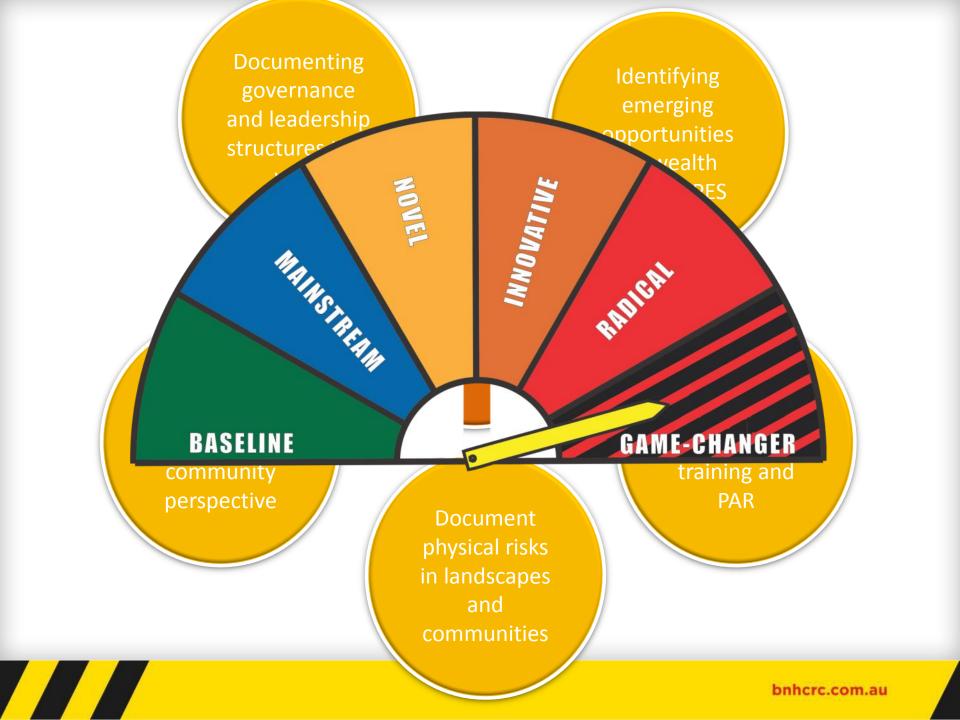
GAME-CHANGER

#### "PES"-PAYMENT FOR ENVIRONMENTAL SERVICES

and capacities

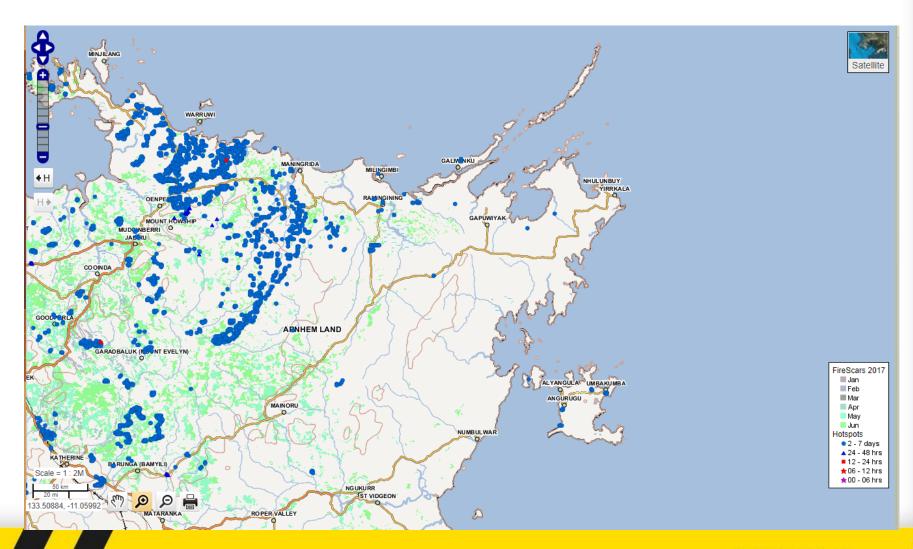


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## **TRACK RECORD: NAFI**

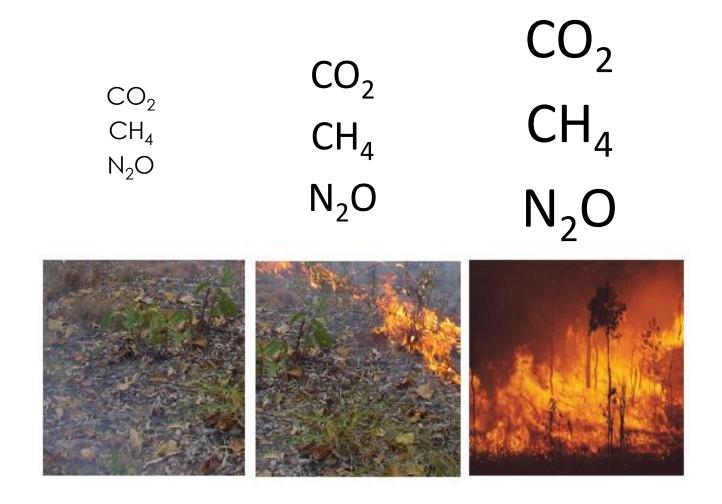


# TRACK RECORD: GREENHOUSE GAS EMISSIONS ABATEMENT



## TRACK RECORD: GREENHOUSE GAS

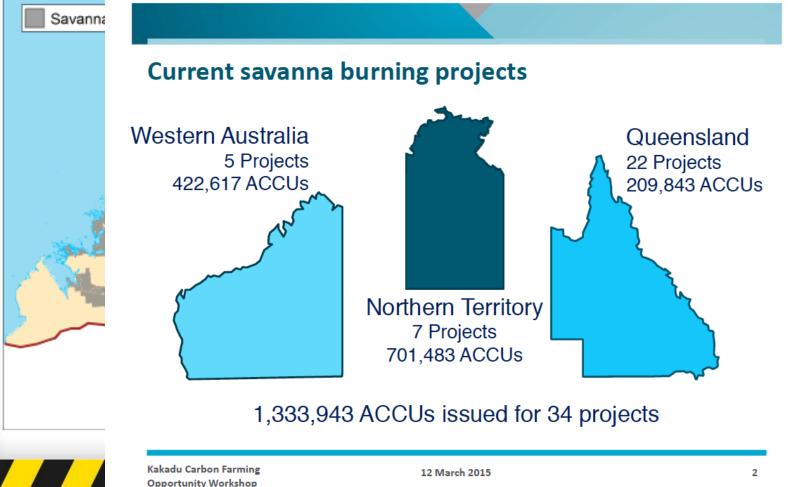




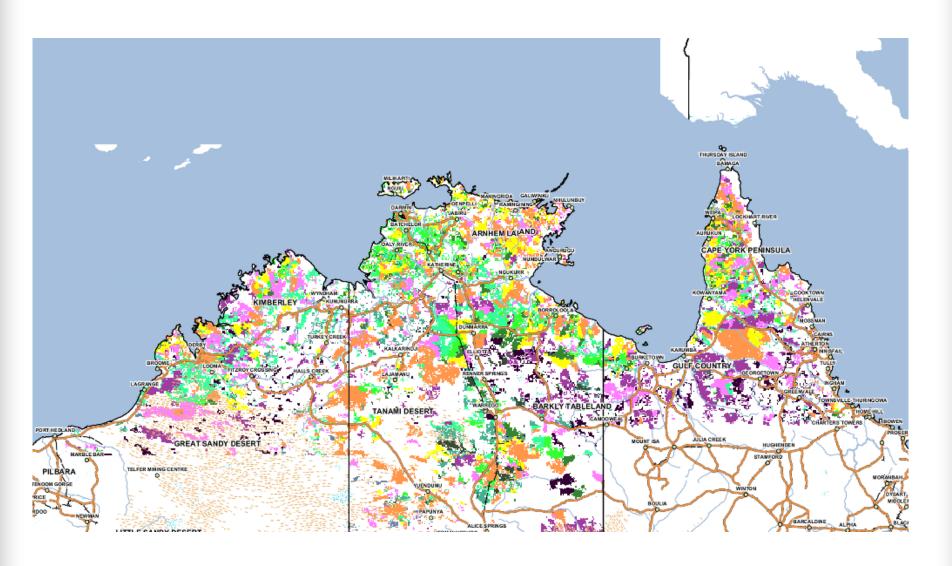
...FIRES OF DIFFERING INTENSITY RELEASE DIFFERENT AMOUNTS OF GREENHOUSE GAS...

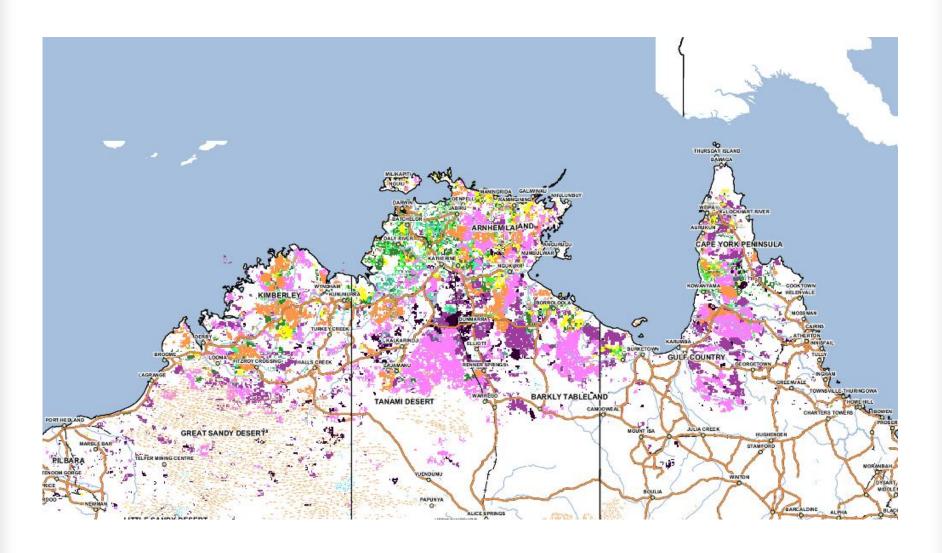
#### Carbon credits earned from Savanna burning projects, as at March 2015

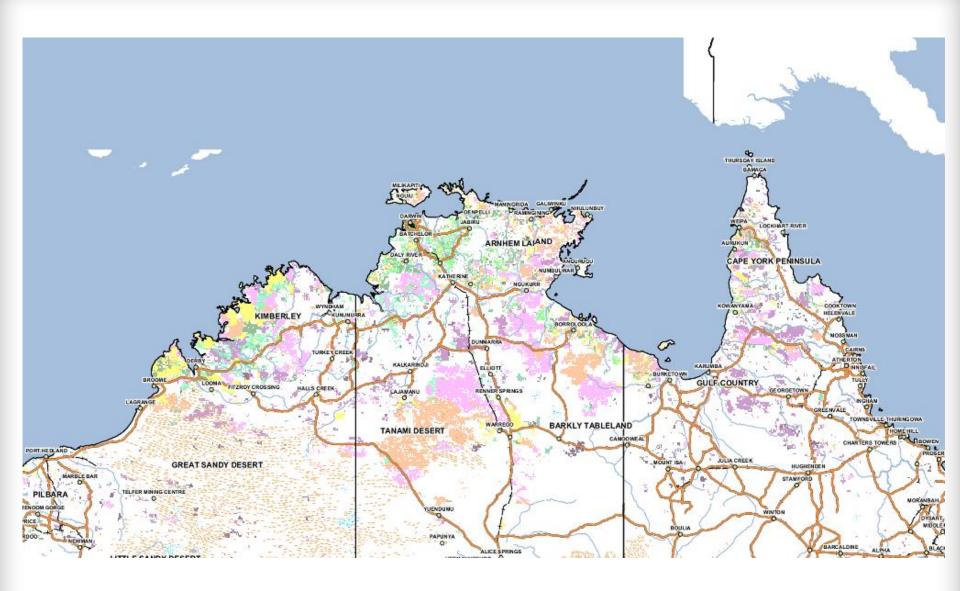
Note: 1 carbon credit = 1 t.CO2e = AUD15 (as of May 2015)

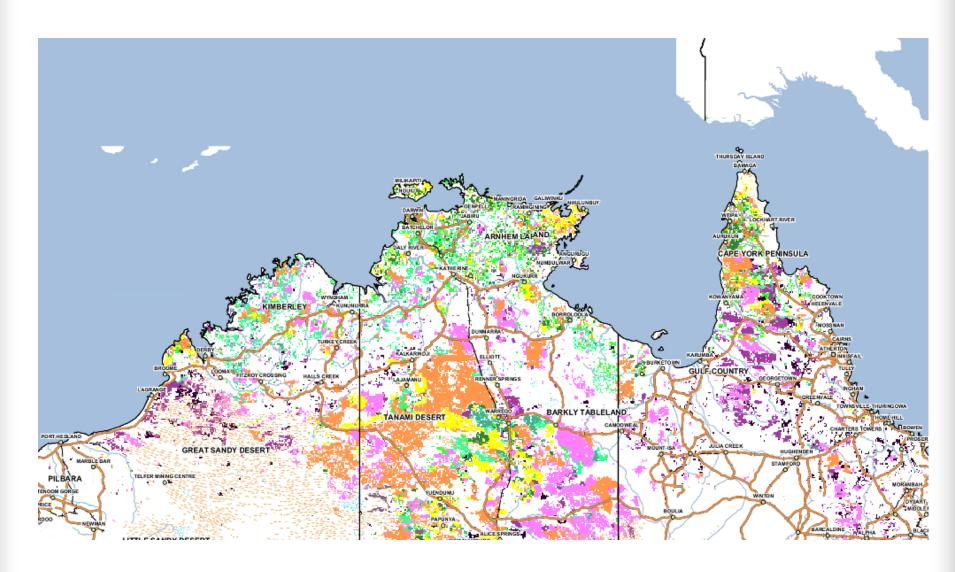


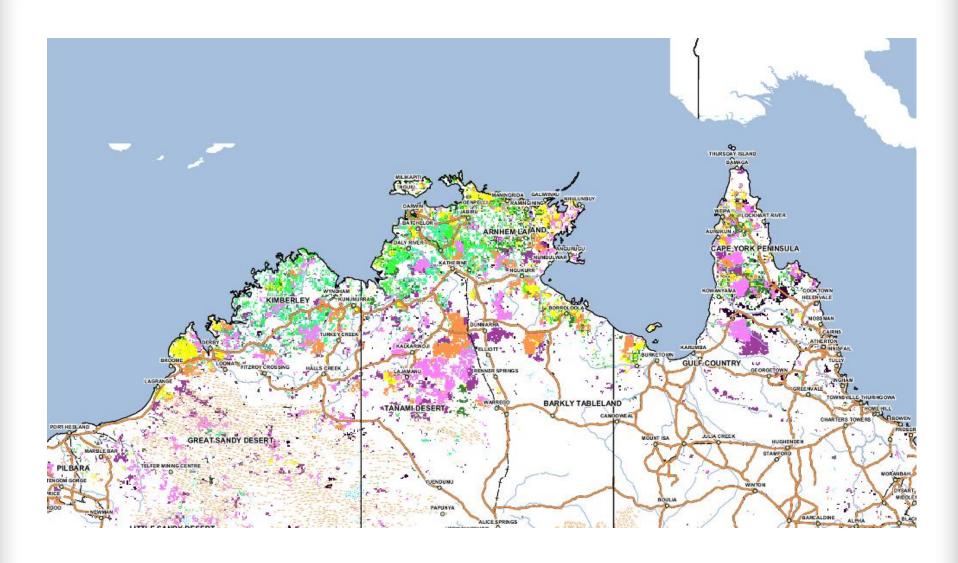
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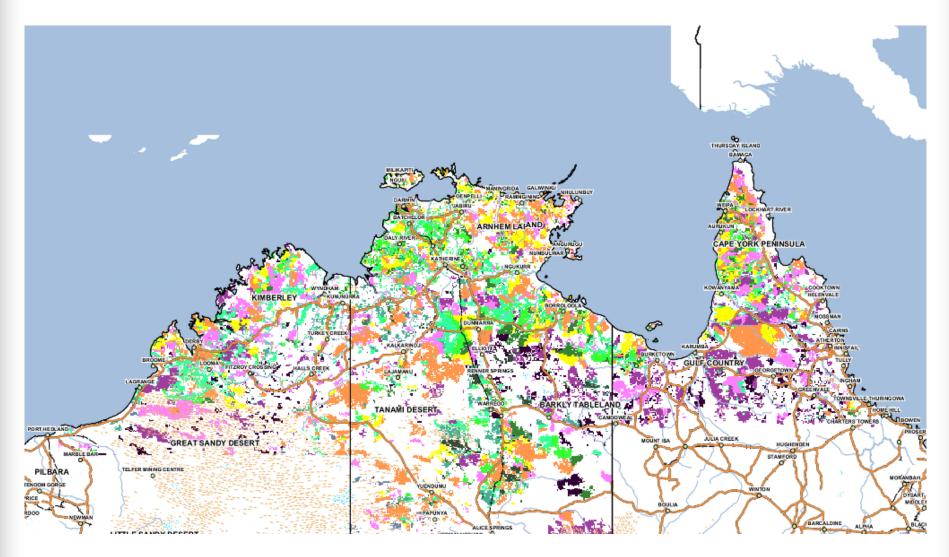






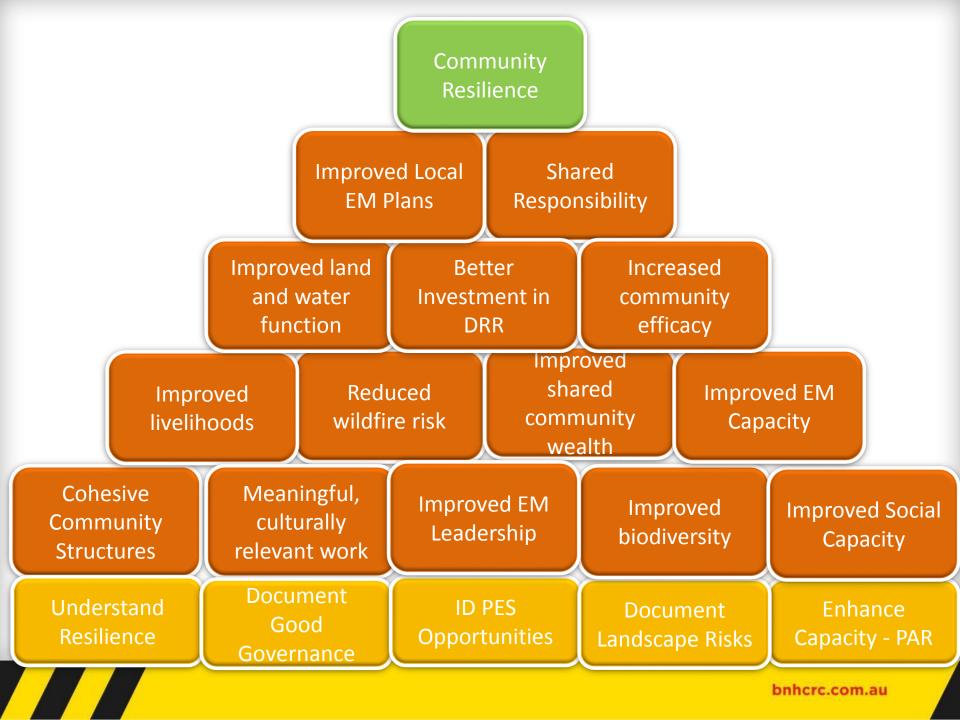






2001





### **CONCLUDING REMARKS**

- The Australian Governments CRC program has achieved remarkable changes in fire and emergency management.
- Providing equity of service in remote north Australia is closely linked to 'closing the gap'.
- BNH Management structures (volunteering) lends itself to innovation.
- Landscape-scale change is possible.











