Australian Institute for Disaster Resilience

Australian Disaster Resilience Conference presents

Knowledge Week

24 – 27 AUGUST 2020

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#ADRC20

Australian Disaster Resilience Conference presents

KNOWLEDGE WEEK

DAY ONE

Collaborating for impact

1 – 3.30PM AEST | 24 AUGUST 2020

Miriam Lumb
SA Fire and Emergency Services Commission

Emily Humphreys
Wicked Lab

Navigating resilience in a wicked world

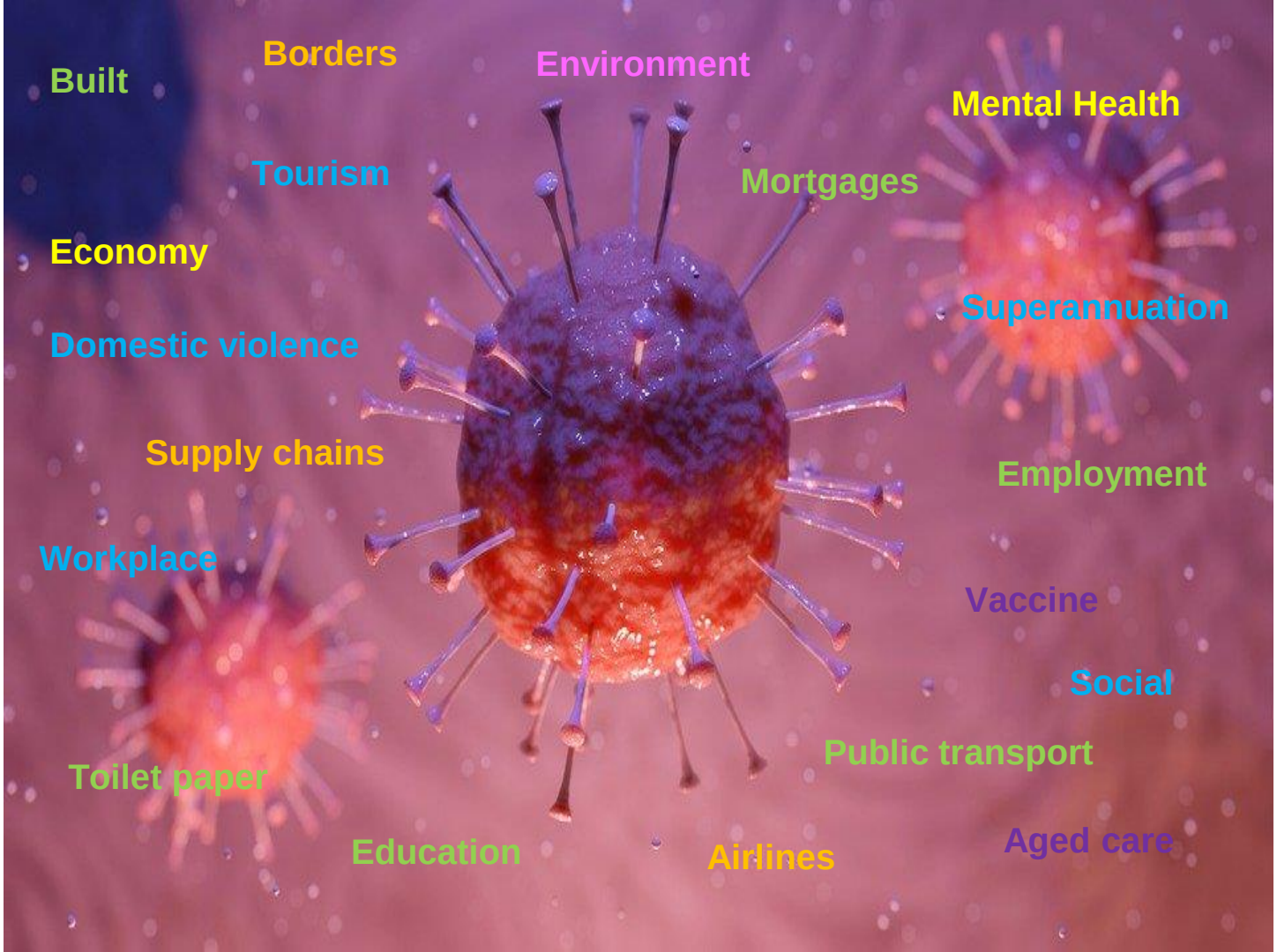
Navigating resilience in a wicked world

#ADRC20 Knowledge Week

Miriam Lumb & Emily Humphreys

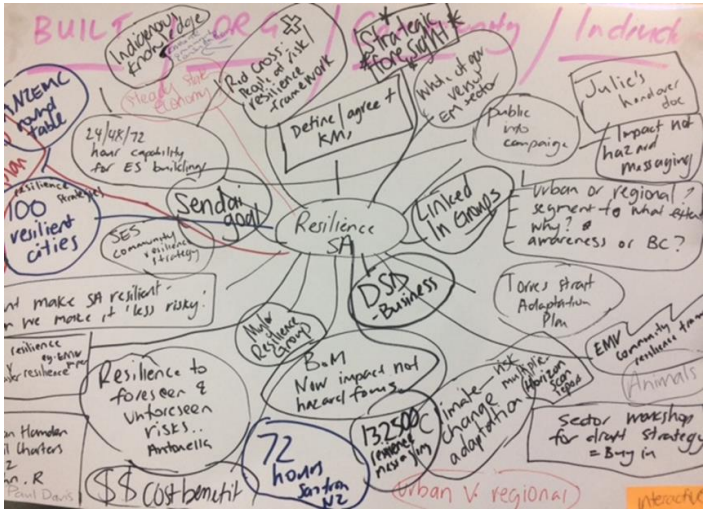
Government of South Australia

Wicked Lab


Built
Borders
Environment
Mental Health
Tourism
Mortgages
Economy
Superannuation
Domestic violence
Supply chains
Employment
Workplace
Vaccine
Social
Public transport
Toilet paper
Education
Airlines
Aged care

Stronger Together

If a community is not resilient they are at greater risk during an event and their recovery is delayed



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Wicked Lab

Wicked Lab

- Build the capacity of organisations and individuals to take a complexity-based approach to creating systems change for wicked problems

  - Education program
  - An online Tool for Systemic Change
  - Systemic Innovation Lab Methodology

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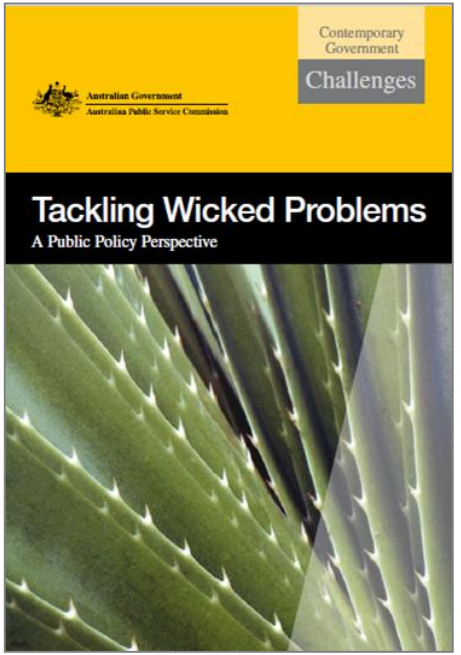
Wicked Lab

Characteristics of Wicked Problems

- Complex social policy problem
- Multi-causal
- Many interdependencies
- Different stakeholders have a different understanding of what the problem is and they therefore have conflicting goals
- No clear solution
- Attempts to address them often leads to unforeseen consequences due to their multi-causality and interdependency
- They adapt
- They are context specific
- **Government has a policy position**



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Australian Public Service Commission (2007)

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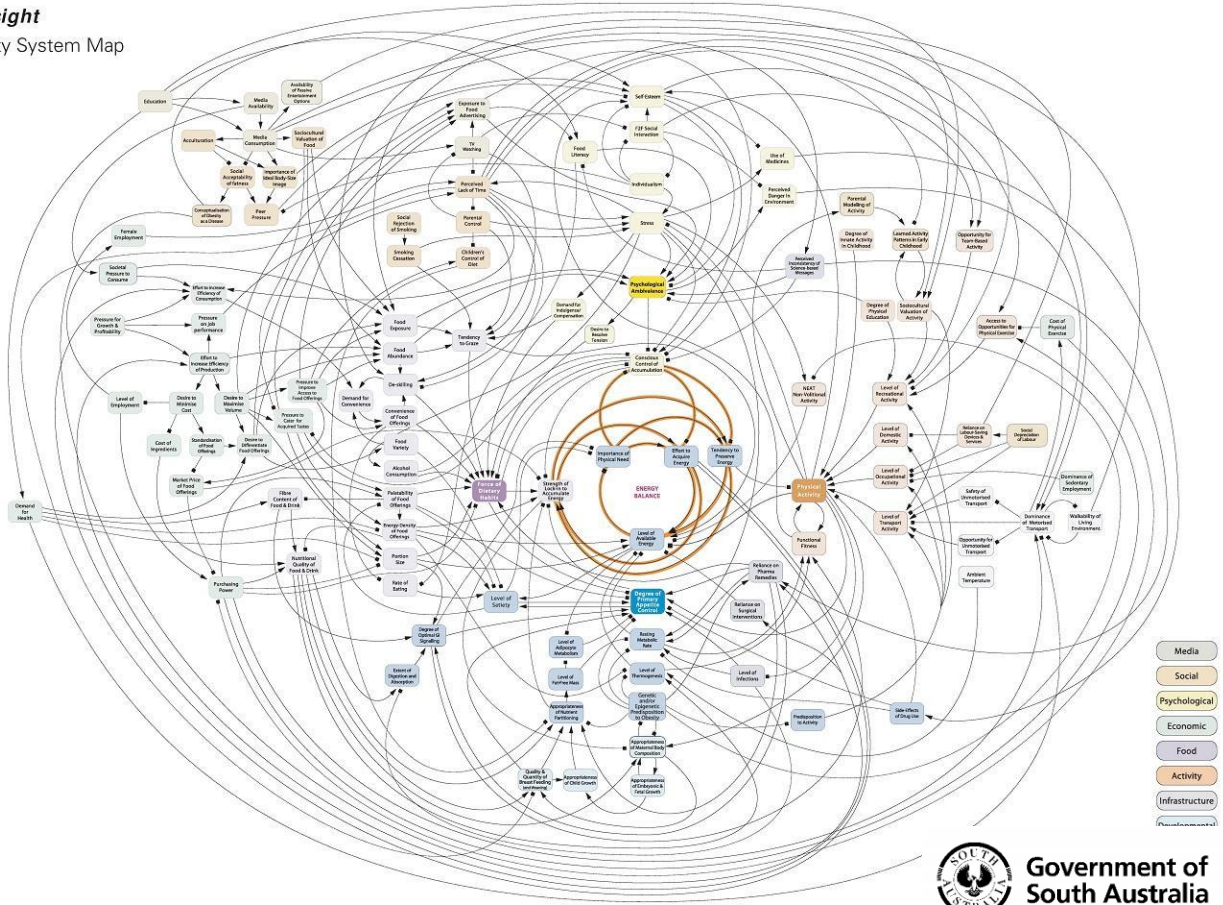
Fore*sight*

Obesity System Map



Butland, et al., 2007

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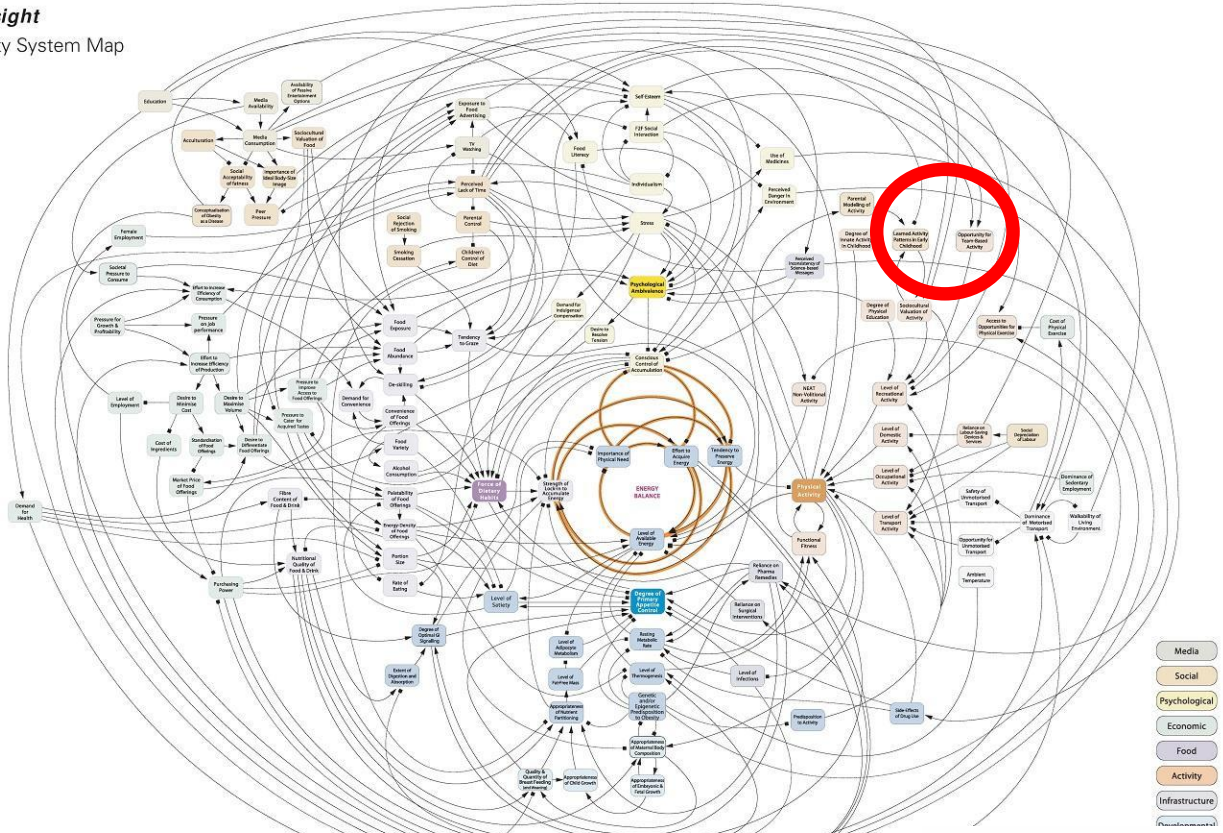
Fore*sight*

Obesity System Map



Butland, et al., 2007

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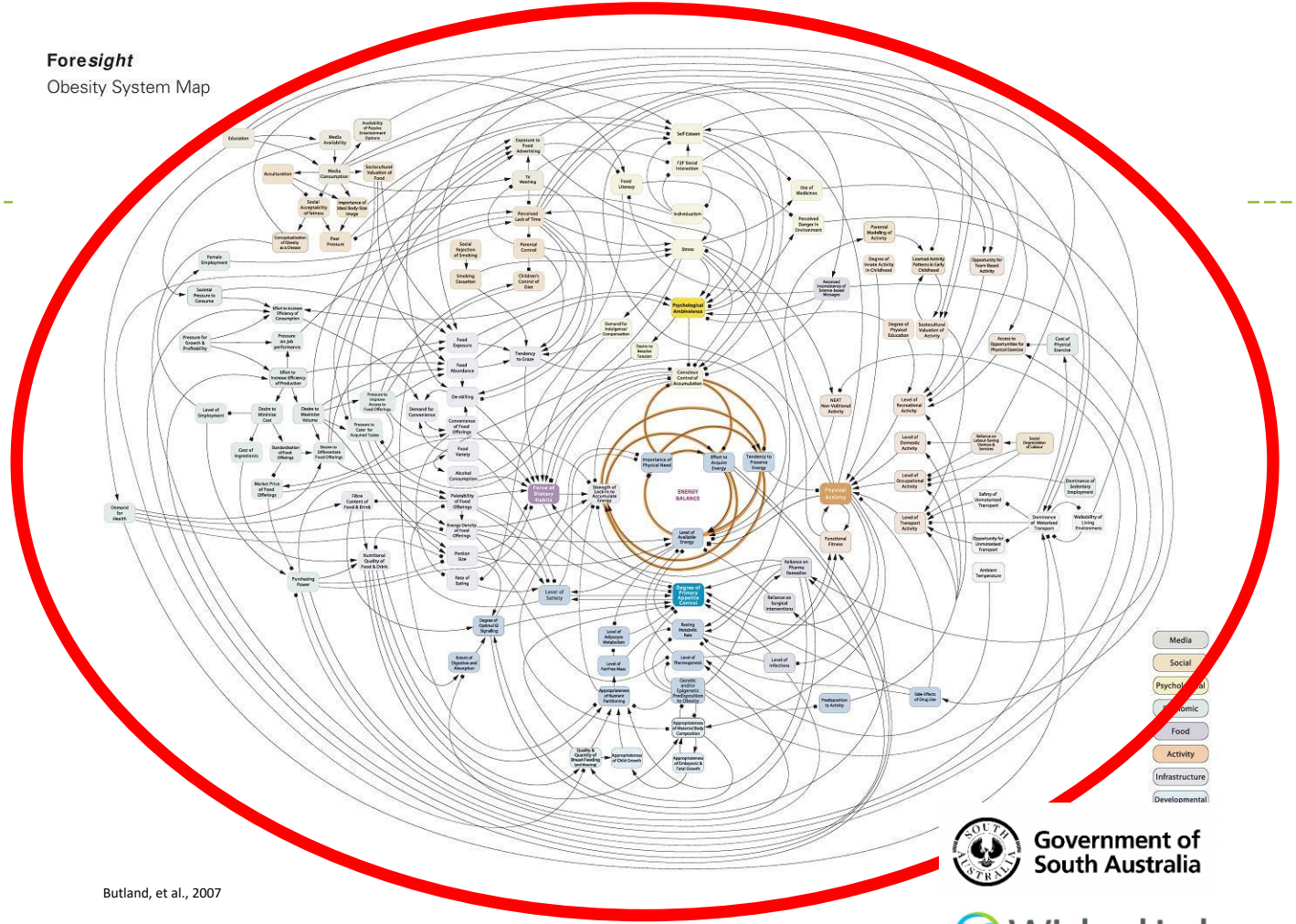
Fore*sight*

Obesity System Map



Butland, et al., 2007

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Trends in Systems approaches

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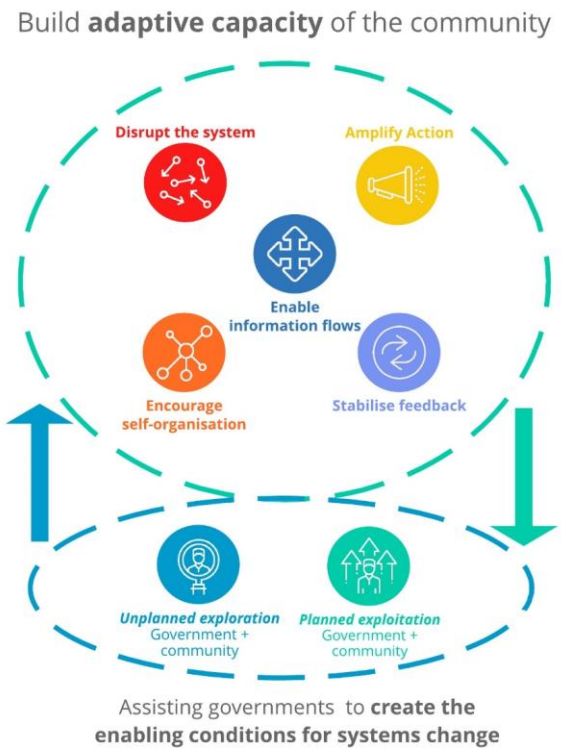
Framework – Ecosystem transitions



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Tool for Systemic Change

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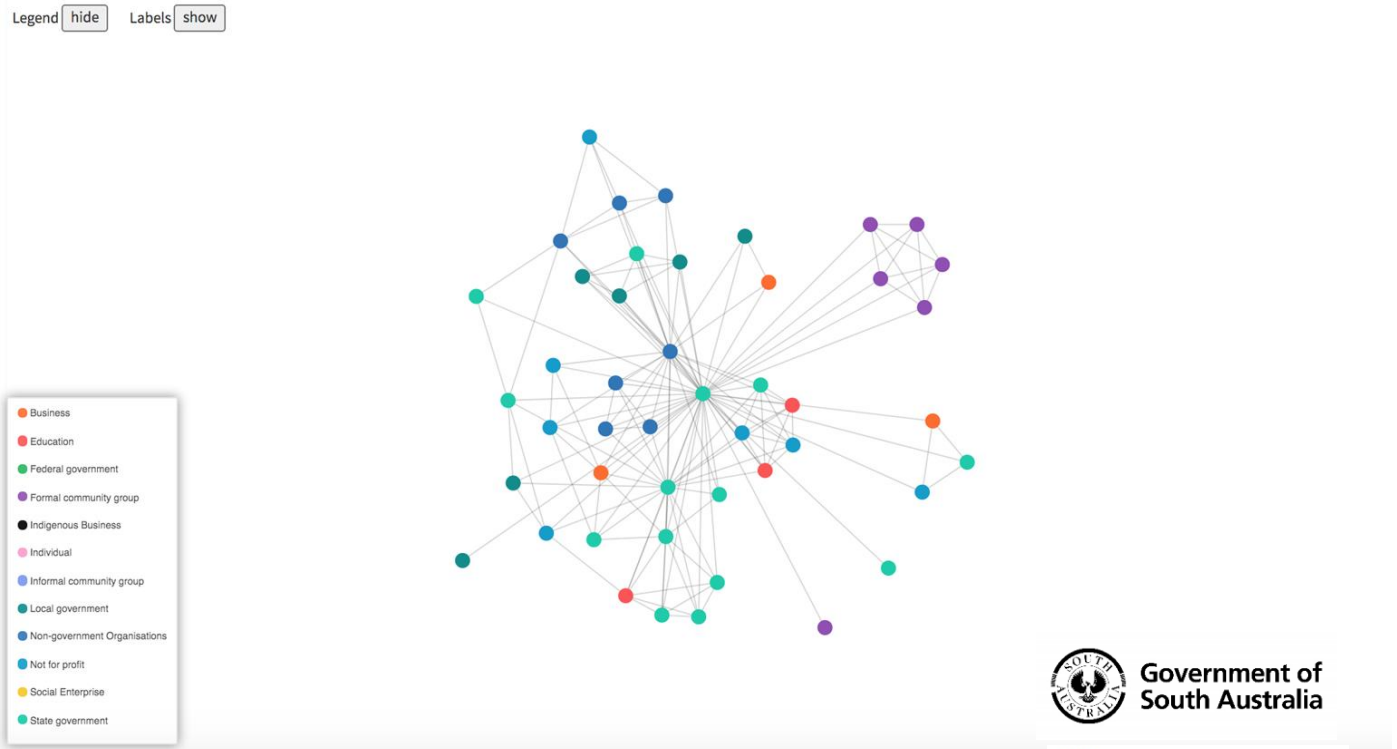
Ecosystem map



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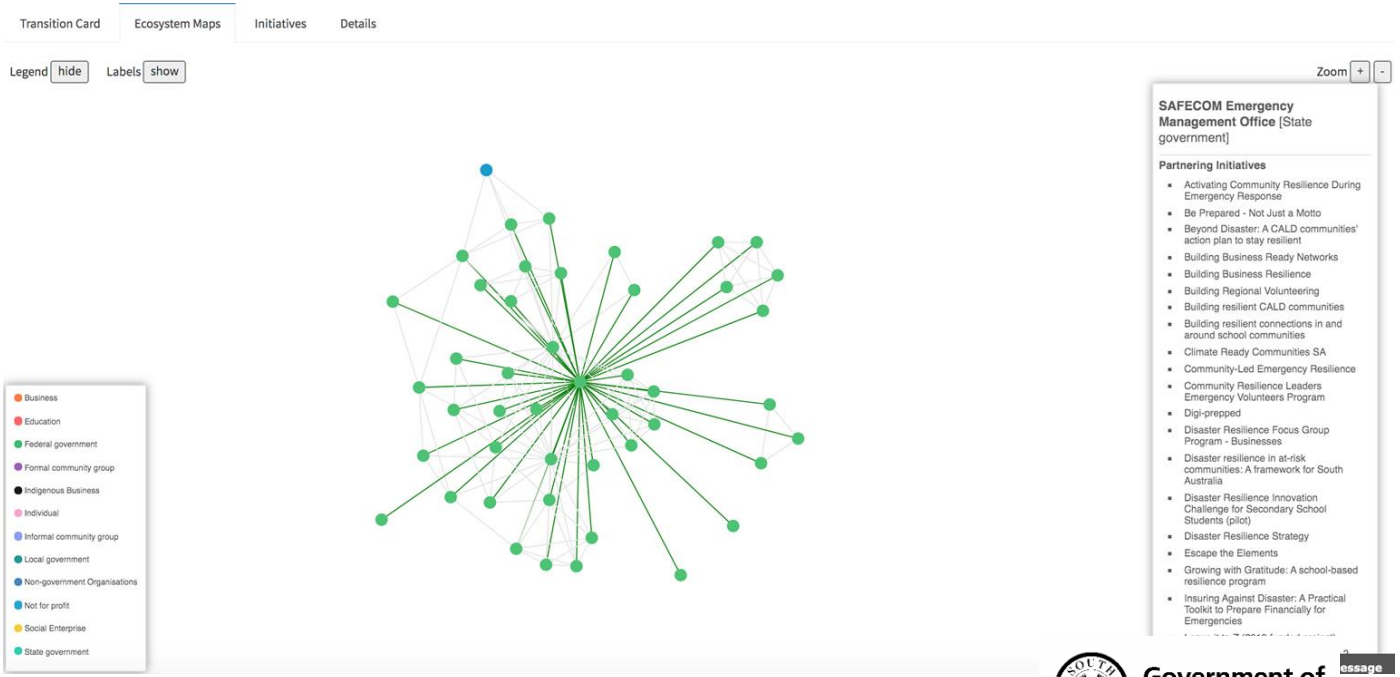
Ecosystem map



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In conclusion……

1. Take a systems approach
2. Identify the gaps
3. Strategise to address gaps
4. Connect the dots, network, join up!
5. Build resilience into your system

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