

PRESENTATION TO:
CLIMATE RESEARCH STRATEGY FOR PRIMARY INDUSTRIES

03.09.2019

Every citizen is a revolution. That is he destroys, devours and adapts the environment to the extent of his own thought and conscience”.

GK Chesterton

CLIMATE AND COLLABORATION

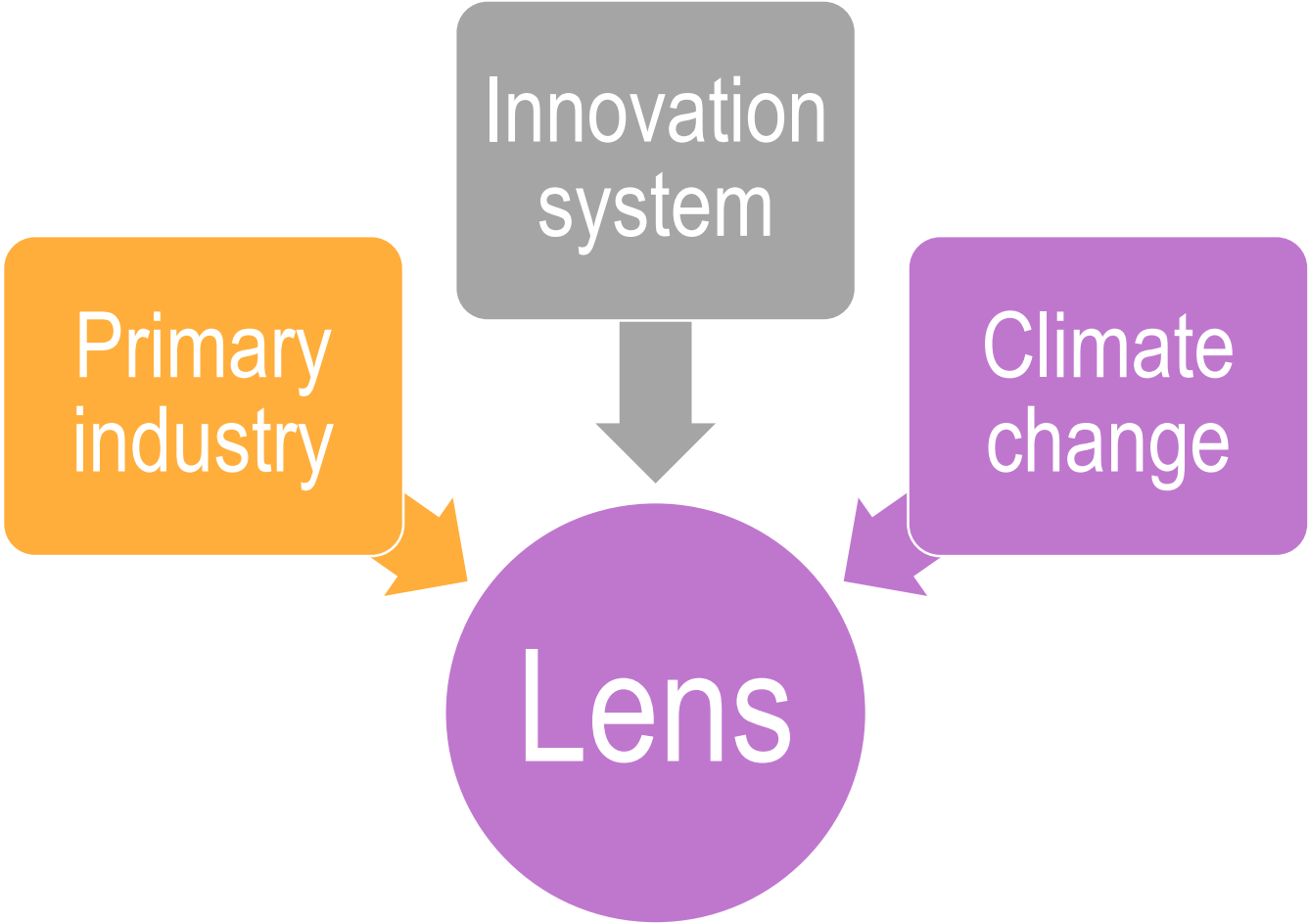


CRSPI PARTNER COLLABORATION FORUM

PRESENTERS:
JAN PAUL VAN MOORT

LOCATION
PARK ROYAL TULLAMARINE

WHAT'S SHAPING CRSPI

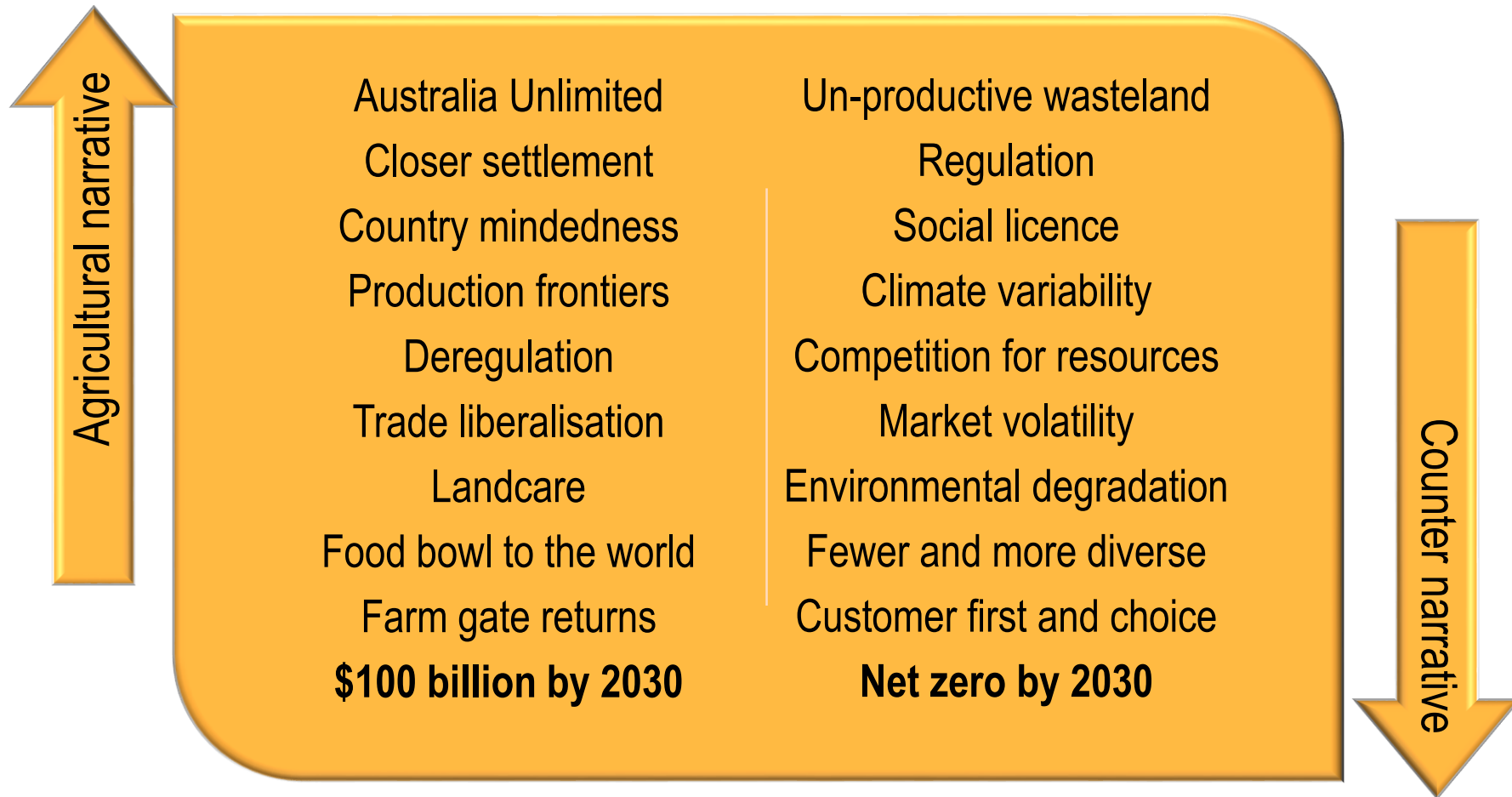




PRIMARY INDUSTRY

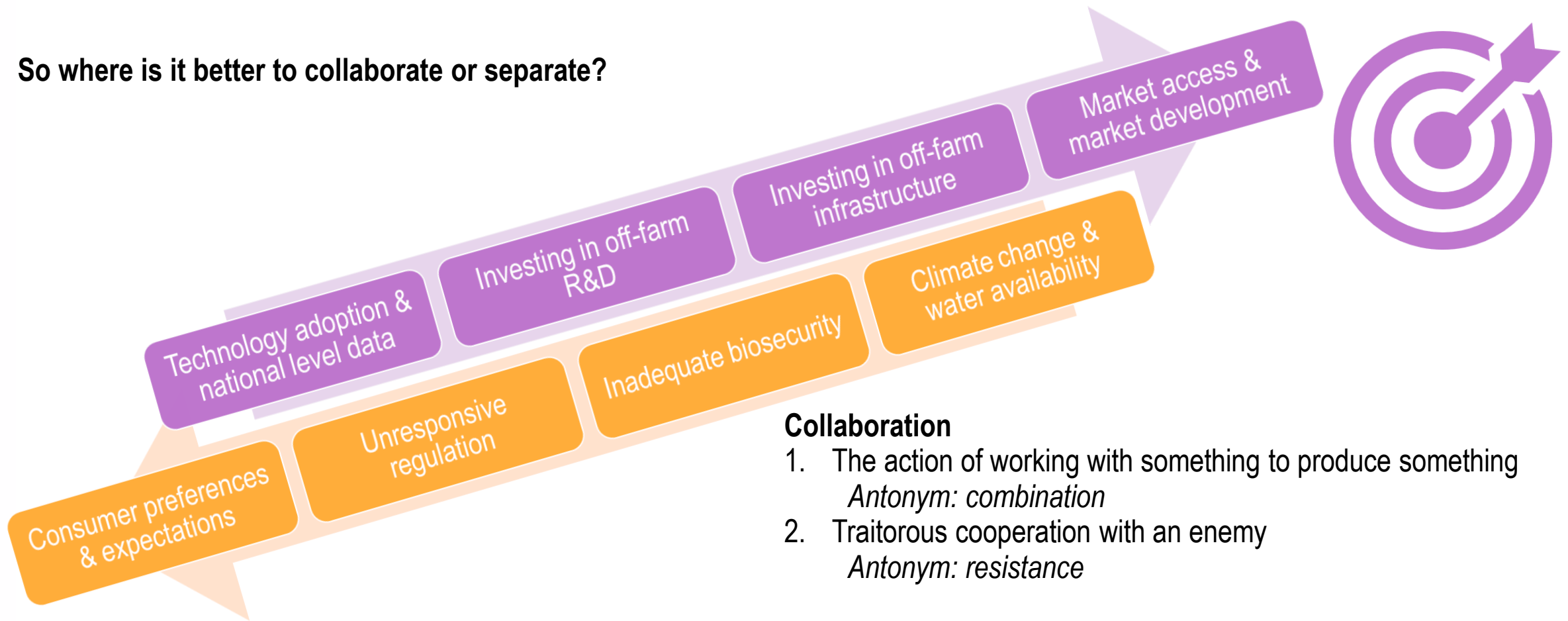
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0-100: IS THIS NEW OR CURRENT EXPRESSIONS OF OLD MEMES?



EITHER WAY CLIMATE IS JUST ONE PRIMARY INDUSTRIES' DRIVER

So where is it better to collaborate or separate?



Collaboration

1. The action of working with something to produce something
Antonym: combination
2. Traitorous cooperation with an enemy
Antonym: resistance

Source: Dictionary.com

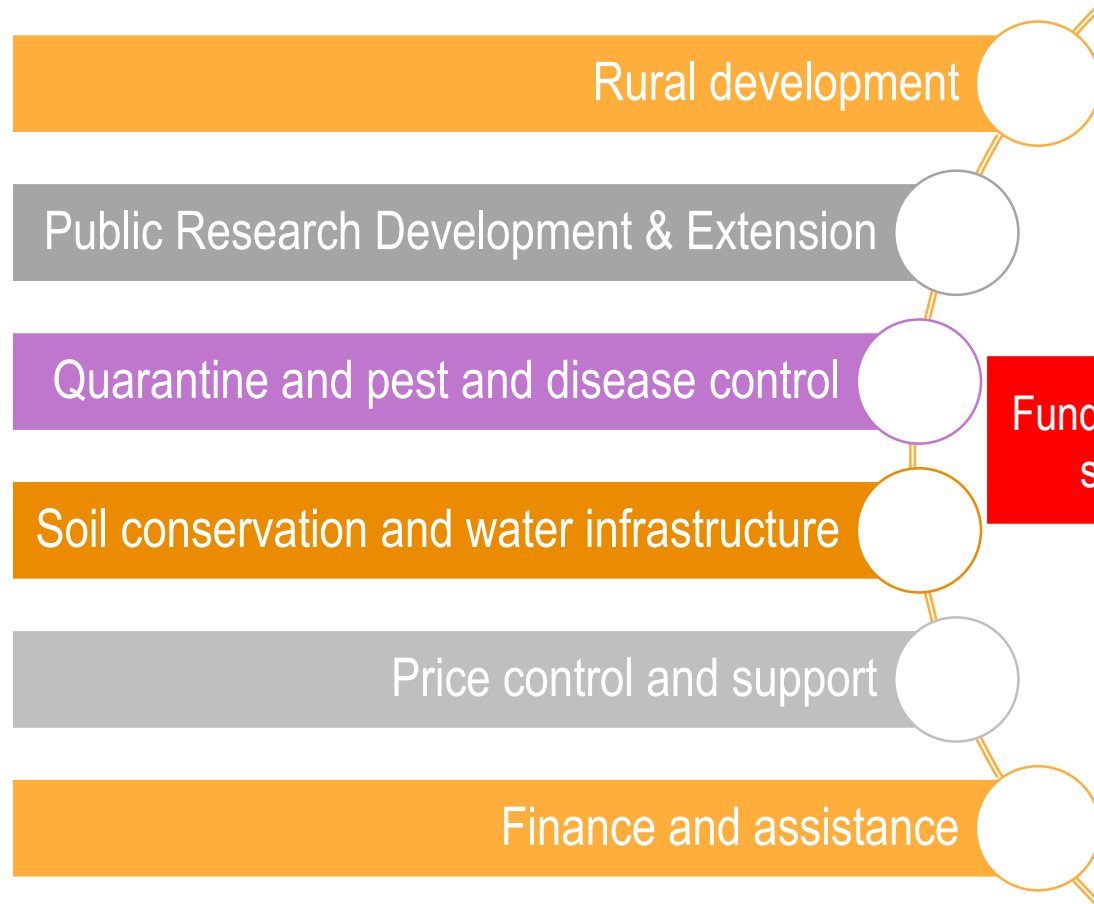
SOURCE: ACIL ALLEN CONSULTING (2019) AGRICULTURE – A \$100B SECTOR BY 2030? AGRIFUTURES AUSTRALIA PUBLICATION NO. 19-025



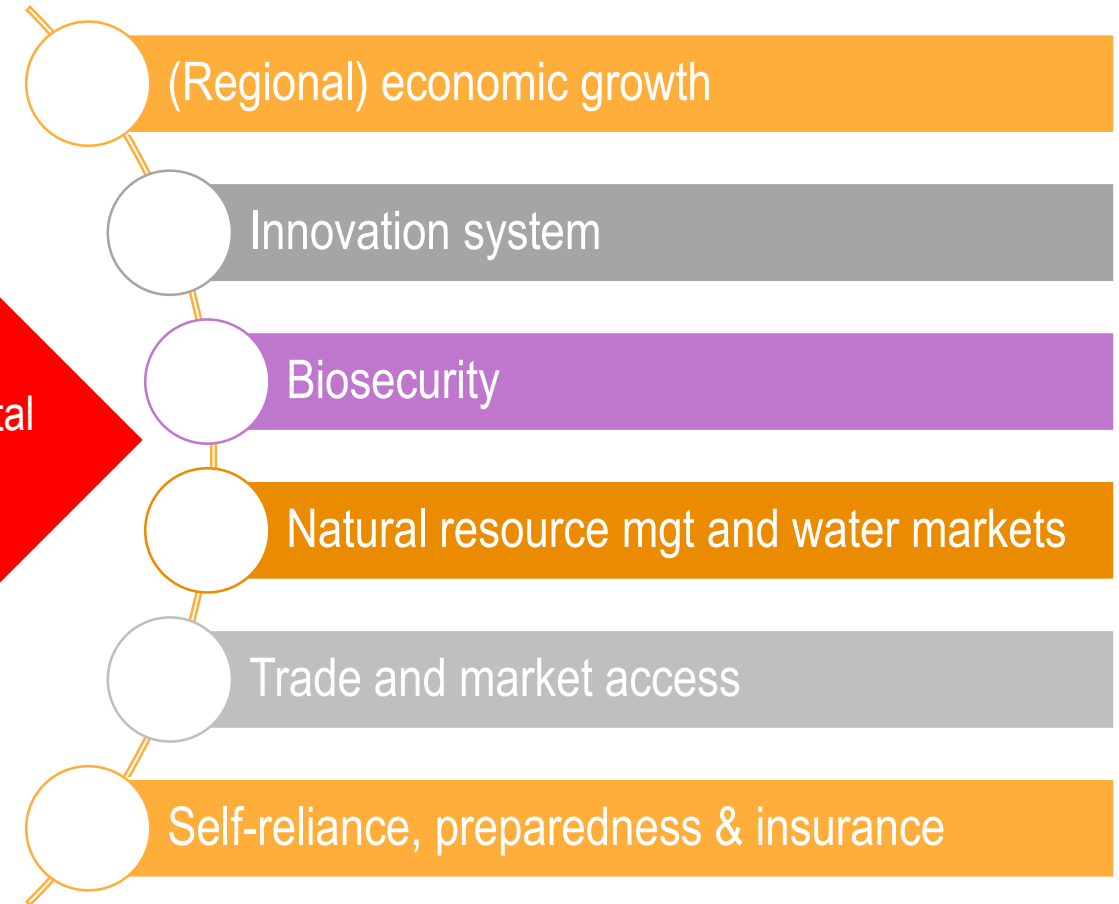
I N N O V A T I O N

WHY HAVE A PUBLIC RESEARCH SYSTEM? – DEVELOPMENT PILLAR

20th Century: countrymindedness



21st Century: sustainability and resilience



CHANGING RESEARCH AGENDA

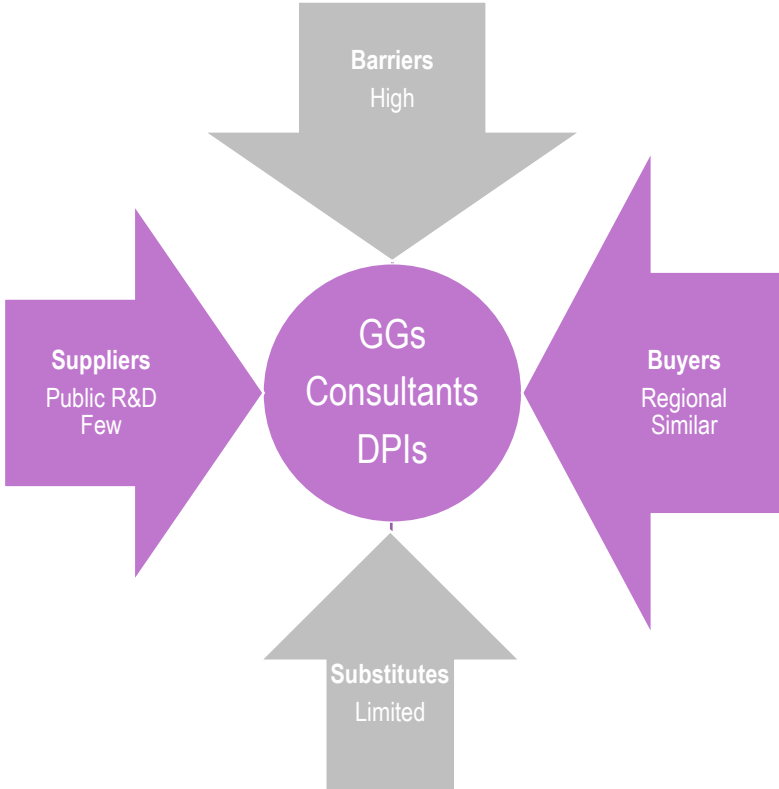
- 2000 goal to wrap all the research up into an integrated agenda around sustainability and resilience to replace the previous agendas
- Sustainability and resilience represent the combination of self-reliance and shared responsibility
- Predicated on the assumption industries and associated functions would set plans to guide the national research effort
- And the public research capability would collaborate to achieve the required economies of scale and scope (as well as remove siloes and overlaps)



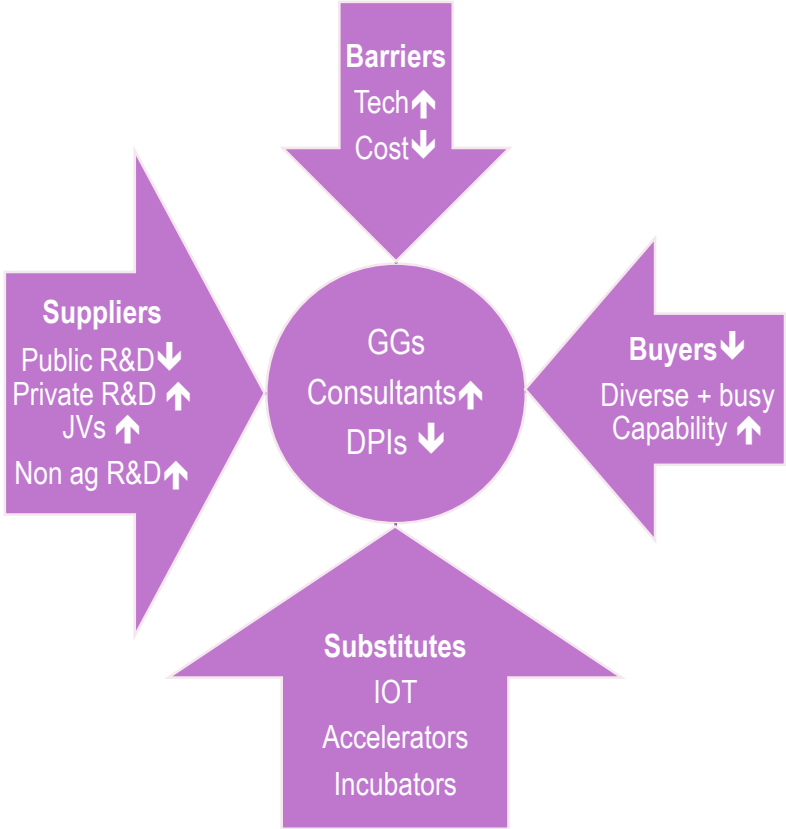
SOURCE: BRETT (2011) FAIR SHARE COUNTRY AND CITY IN AUSTRALIA. QUARTERLY ESSAY 42

STRATEGIC LANDSCAPE HAS FUNDAMENTALLY CHANGED

Research Development Extension and Adoption Pipeline



Innovation Market System

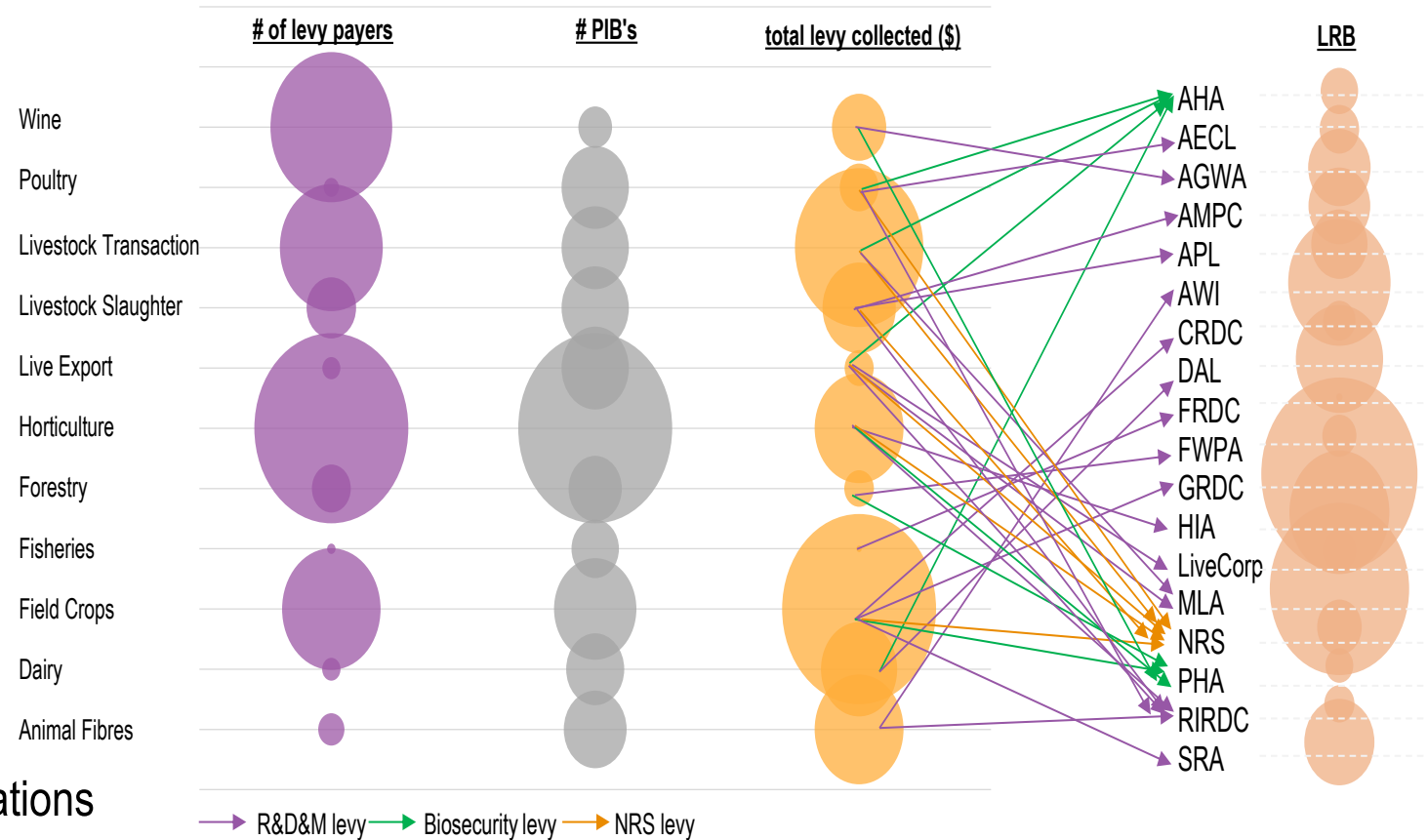


SOURCE: ACIL ALLEN CONSULTING (2017)

WITH AN ANTIQUATED LEVY BASE

Ed Fagan

- ▲▲ Cowra farmer
- ▲▲ 10 commodities
- ▲▲ 35 levies
- ▲▲ 20 levy rates
- ▲▲ 6 levy units
- ▲▲ 7 Peak bodies
- ▲▲ 1 National Residue Survey
- ▲▲ 2 biosecurity organisations
- ▲▲ 4 Research and Development Corporations



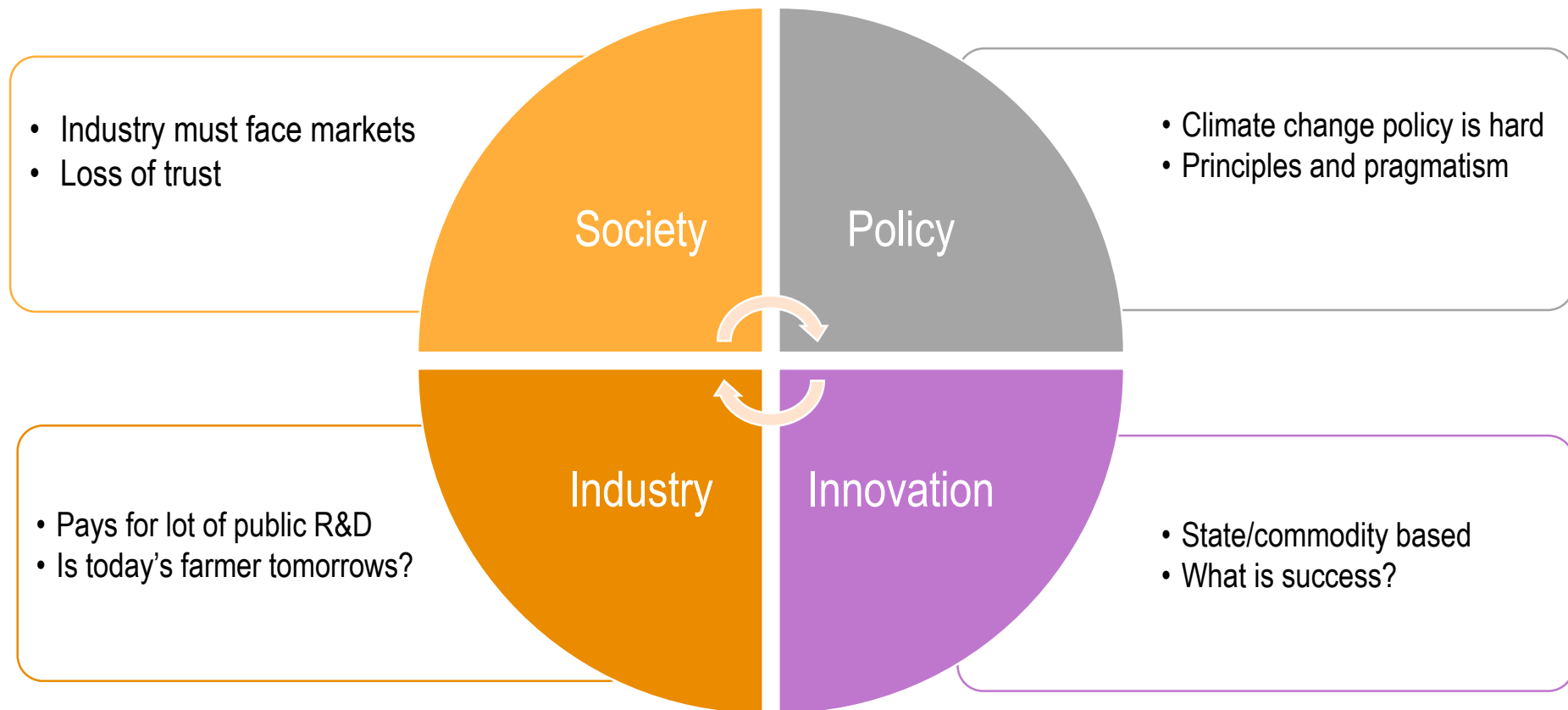
SOURCE ACIL ALLEN AND MINTER ELLISON 2016

RURAL INNOVATION IS A HOT MESS

- Rural innovation is the most intact pillar remaining – but fragmented
- Its purpose and resources are highly desired and contested
- 13 substantial reviews since 2015 have considered the issue
- Its clarity and unity needs to be rebuilt – this won't be easy

SOURCE: [HTTPS://WWW.INNOVATIONAUS.COM/2019/03/RURAL-RD-IS-A-HOT-MESS](https://www.innovationaus.com/2019/03/rural-rd-is-a-hot-mess)

SO WHY ISN'T IT EASY? – FRAGMENTATION AND VESTED INTEREST

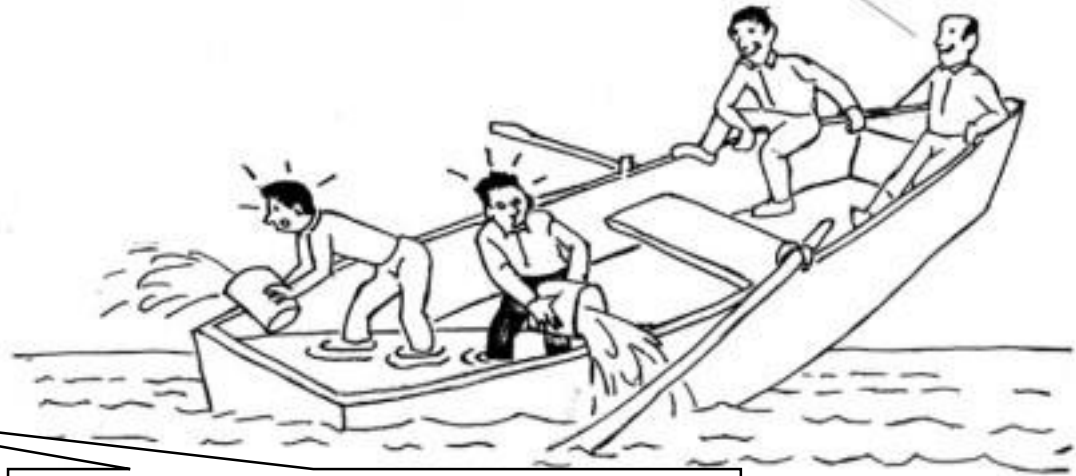


RESEARCHING WHAT WE CAN AGREE ON

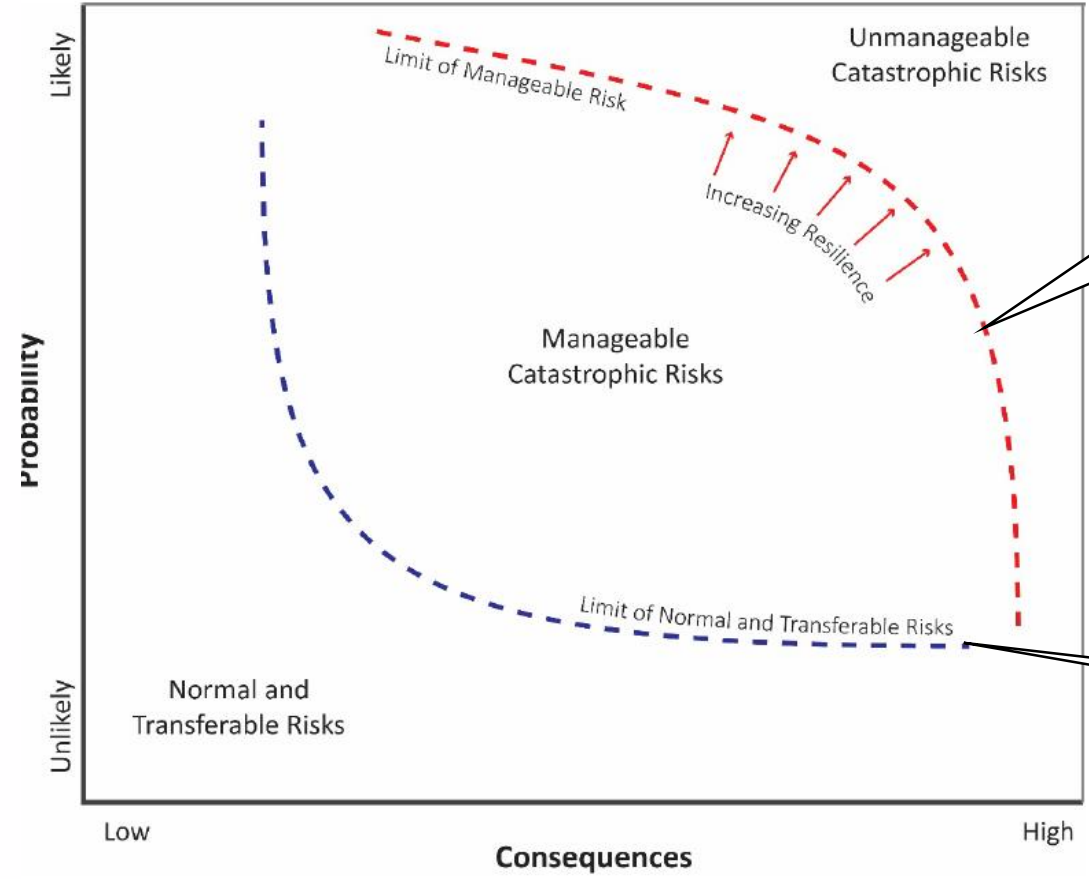


Are we pushing out the frontiers of what we can manage individually and collectively?

Sure glad the hole isn't at our end.



Or providing the capability to manage what we can agree on?



SOURCE: DALY ET AL (2015) AUSTRALIA'S AGRICULTURAL FUTURE

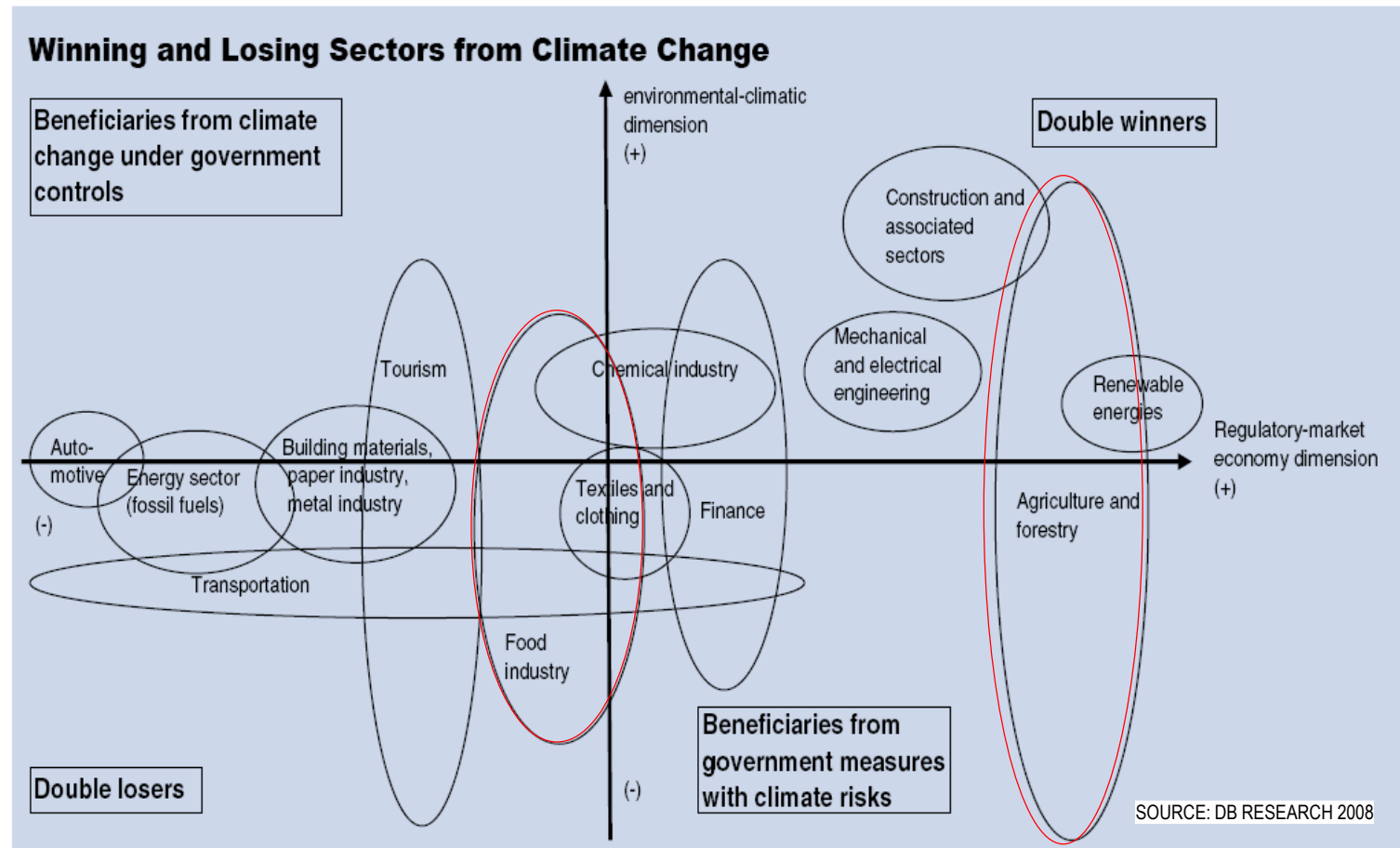
SOURCE: [HTTPS://REBECCAGRAYBLOG.WORDPRESS.COM/TAG/COLLECTIVE/](https://rebeccagrayblog.wordpress.com/tag/collective/)



CLIMATE

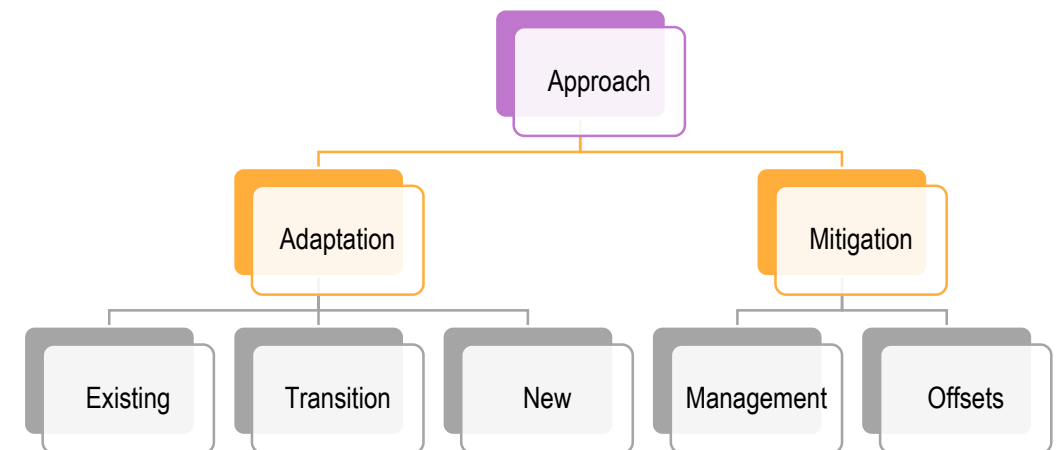
CLIMATE CHANGE IMPACTS FOOD AND PRODUCTION DIFFERENTLY

- ▲▲ Impact positive or negative
- ▲▲ Impact variable with sectors
- ▲▲ Food and agriculture have quite different regulatory/market impacts
- ▲▲ They are the same system so why?
 - ▲▲ Society will secure food source security (agriculture production)
 - ▲▲ Food industry will have to respond to consumer preference and regulation
- ▲▲ How do we turn this into opportunity?
 - ▲▲ With commodities and exports predominating production?



IS ADAPTATION THE POOR COUSIN OF MITIGATION IN CLIMATE?

- ▲▲ Mitigation requires a policy-market signal
 - ▲▲ Create options for us to realise any signal
 - ▲▲ Be realistic – low rents from forming markets with long obligations will limit offsets/ecosystem services for quite a while
- ▲▲ Adaptation has great potential
 - ▲▲ Research on transition and new is needed
 - ▲▲ To achieve this address needs on existing by making what is known available – it's not
 - ▲▲ Be realistic - research is insufficient to achieve change in many cases – even with extension. Provide the information and inform the incentive
 - ▲▲ Remember scale/consolidation, diversification away from and exit out of agriculture are sound and proven adaptation options



A WORD FROM TIM FISHER: LEVERS OF SUCCESS



CRSPI

Levers of success

Enduring partnership

Education

Burning bridge

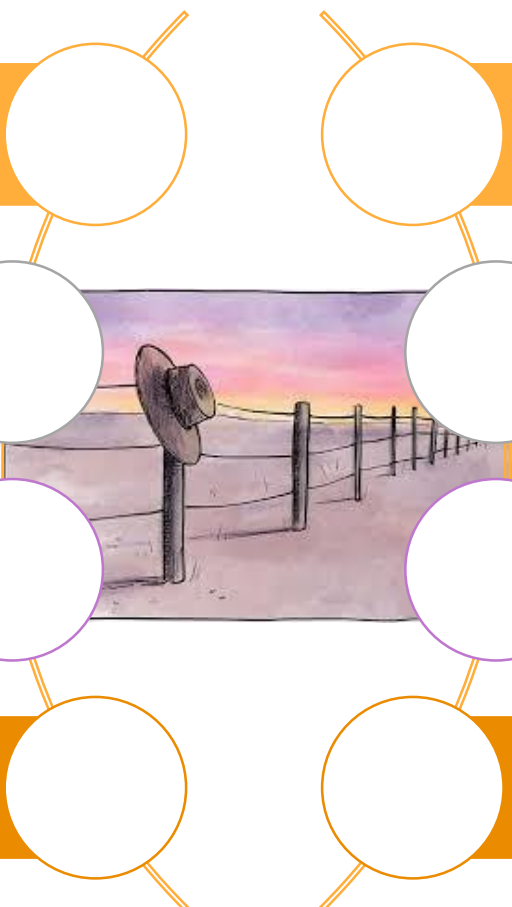
Unity of purpose

Core capability

Bold lateral thinking

Carpe diem

Good leadership



[HTTPS://WWW.ABC.NET.AU/NEWS/2019-08-29/TIM-FISCHERS-FINAL-WORDS-TO-REGIONAL-AUSTRALIA/11458558](https://www.abc.net.au/news/2019-08-29/tim-fischers-final-words-to-regional-australia/11458558)