

OUR LAND AND WATER SYMPOSIUM

Kia Mauri Ora te Whenua



INCENTIVES FOR CHANGE

Indicators Working Group

Bill Kaye-Blake



FUTURE LANDSCAPES

In the future landscapes contain mosaics of land use that are more resilient, healthy and prosperous than today.

Strategic Area 1

Be able to see what diversity is possible and match land use to what it is suitable for.

Strategic Area 2

Understand and model the management of land and water quality.

Strategic Area 3

Provide the novel production systems that use healthy land and water to generate high-value products.



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New Zealand's primary producers are well-rewarded for producing high-value products in sustainable ways.

Strategic Area 4

Capture and share with the producers more of the value consumers associate with our products.

Strategic Area 5

Increase and share value based on mechanisms that rewards sustainable land use and high-value products.

Strategic Area 6

Enable communities to identify and adopt sustainable land use practices.



CAPACITY FOR TRANSITION

We understand what it will take, and have the tools to help us, transition to resilient, healthy and prosperous futures.

Strategic Area 7

Increase our social capital so that we can have well informed debate about alternative futures.

Strategic Area 8

Act as kaitiaki, being responsible for our actions within enterprises, in a catchment and beyond.

Strategic Area 9

Manage pressures and remove the barriers to a transition.

What is the problem?

The problem is how to use indicator research to:

- Support government with international obligations
- Help the primary industry with land use practices.



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What is the solution?

	Short run	Long run
Government	Relies on researchers to tell it about indicators	Would need to collaborate with researchers and fund them to do the work
Primary industry	Has the required data, in silos	Would need to collaborate with researchers to make data available



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Who is using the research to make a difference?

We found specific actors using the research. Some examples:

- Treasury, Statistics NZ, MFAT, MPI have used this indicator research.
- The Sustainability Dashboard worked with some producers/groups focused on making changes.
- Next Generation Systems worked with some high-performing farms.
- Community groups are interested in using the TempAg work for their communities.



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How is it building towards the Our Land and Water goal?

The TempAg and TSARA work show that research is ahead of policy tools.

The case studies in NGS and NZSD show that the goal of Strategic Area 5 is feasible.

The IWG in general shows that indicators are not a limiting factor. There is incomplete and imperfect information, but there is enough current information to support changes in policy, production and marketing practices.



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Collaborators

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MPI

PwC

AgResearch

AERU, Lincoln University

Rothamsted Research

Targets for Sustainable and Resilient Agriculture

Temperate Agriculture Network

University of Canterbury

MfE

Statistics NZ

DairyNZ

Beef + Lamb

NZIPIM

People from communities and local government in
Huntly, Te Kuiti, Taumarunui, Dannevirke,
Masterton and Gore

Team

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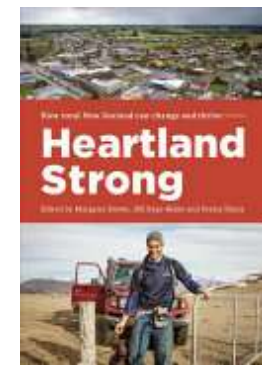
Kelly Stirrat (PwC)

More Information

ourlandandwater.nz/indicators

www.agresearch.co.nz/resilient-rural-communities/

Heartland Strong: How Rural New Zealand Can
Change and Thrive



www.masseypress.ac.nz/books/heartland-strong/