



**MINISTRY OF BUSINESS,
INNOVATION & EMPLOYMENT**
HIKINA WHAKATUTUKI

MBIE as an Investor

Kennie Tsui, Senior Investment Manager
Contestable Investments

Wairakei 27 June 2017



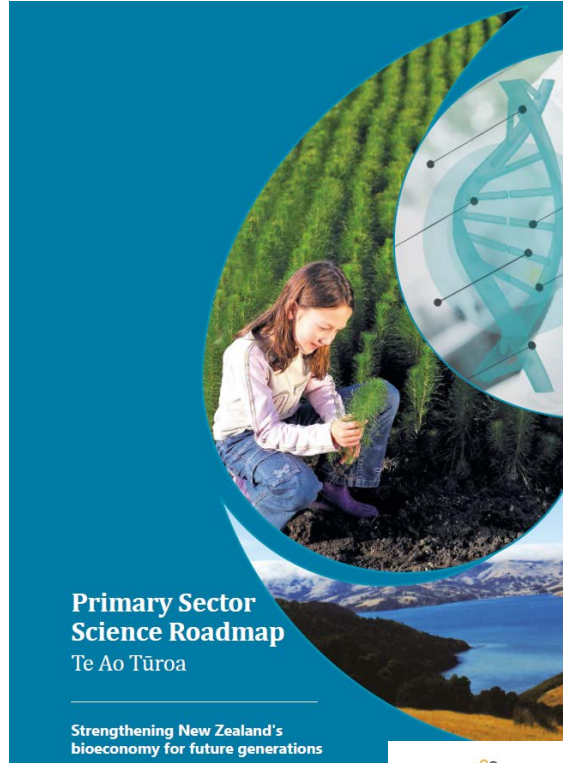
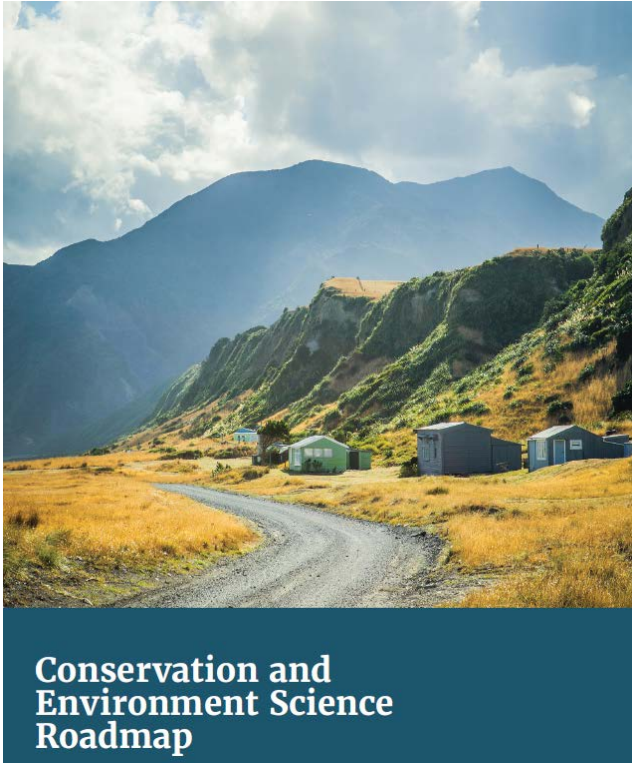


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MBIE as an Investor: Looking for Research Landscape



Examples of New Zealand Science Roadmaps

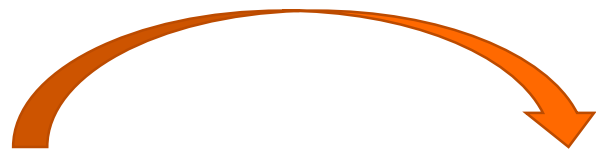


Transport Knowledge Hub

NEW ZEALAND TRANSPORT SECTOR STRATEGIC CHALLENGES AND RELATED ACTIONS MAP

June 2017



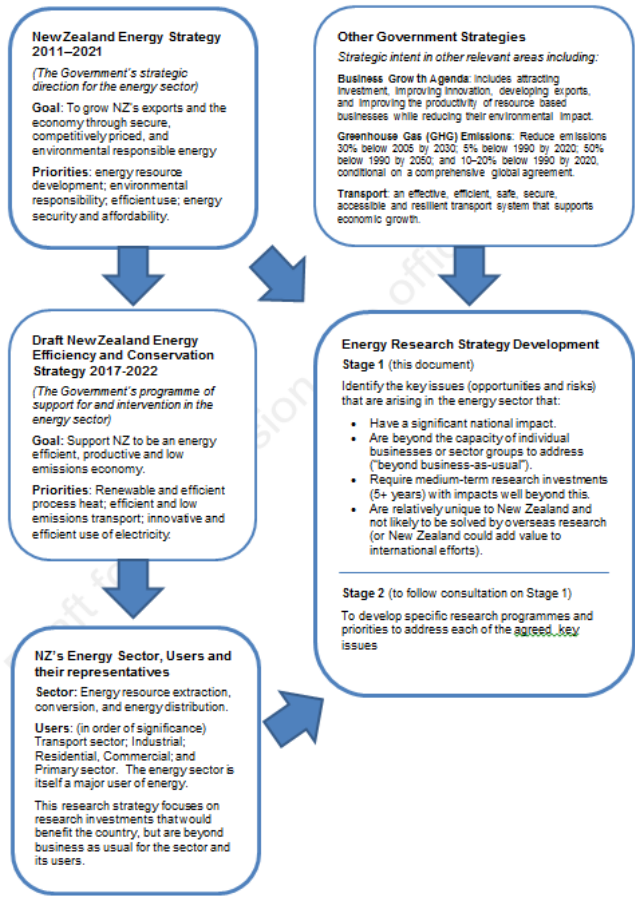


New Zealand Geothermal Research Roadmap

Draft Energy Research Strategy

Draft Geoheat Strategy

Overview of the Energy Research Strategy Development



Promoting Direct Use of Geothermal Energy

New Zealand Geoheat Strategy

ABOUT THE STRATEGY DEVELOPMENT

Geoheat Strategy

Download it: [Geoheat Strategy for New Zealand - 2016 Draft](#) (pdf, 799KB)

THE NEW ZEALAND GEOHEAT STRATEGY, HOSTED BY THE NEW ZEALAND GEOTHERMAL ASSOCIATION, IS AN INDUSTRY-LED INITIATIVE SEEKING TO INCREASE DIRECT GEOTHERMAL HEAT USE FROM OUR NATION'S GEOTHERMAL RESOURCES.

The draft strategy has been developed consultatively through 2015 and 2016 with the geothermal industry, heat users, Maori, government (local, regional, central), economic development agencies and others.



The opportunity for comment on the draft document closed at the end of May 2016 and the draft document is now being reviewed ahead of the 2016 Edition release.

The 2016 Edition will be posted on this webpage when it is completed.

Research Roadmap

“to map research and innovation activity, investment, interacting networks and output may be helpful when making decisions about funding and developing capability”



Examples of topics that Research Roadmap include:

- Analysis of expenditure: “who funds what and where?”
- Government strategies, areas of opportunities
- Current research staff employed, services providing



Examples of topics that Research Roadmap include:

- Downstream: what are the results?
Track record? Progress or productivity improvement, quality of research and identification of impacts.





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MBIE as an Investor: Looking for Impacts

Auckland 13 July 2016

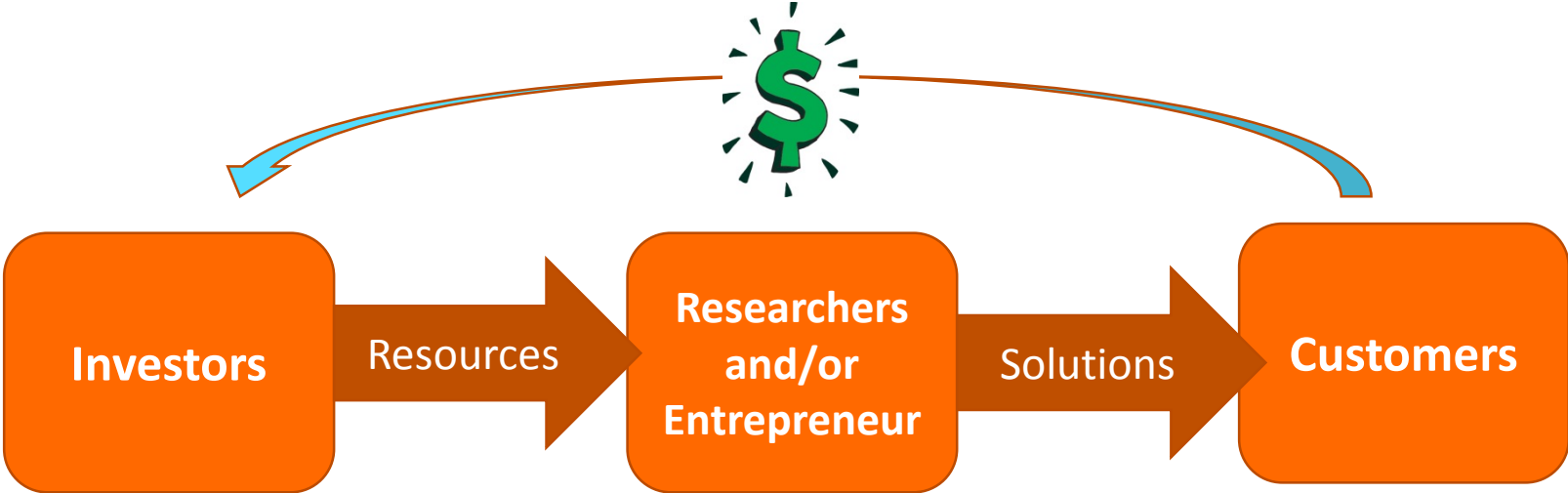


Impact - Investing vs Funding

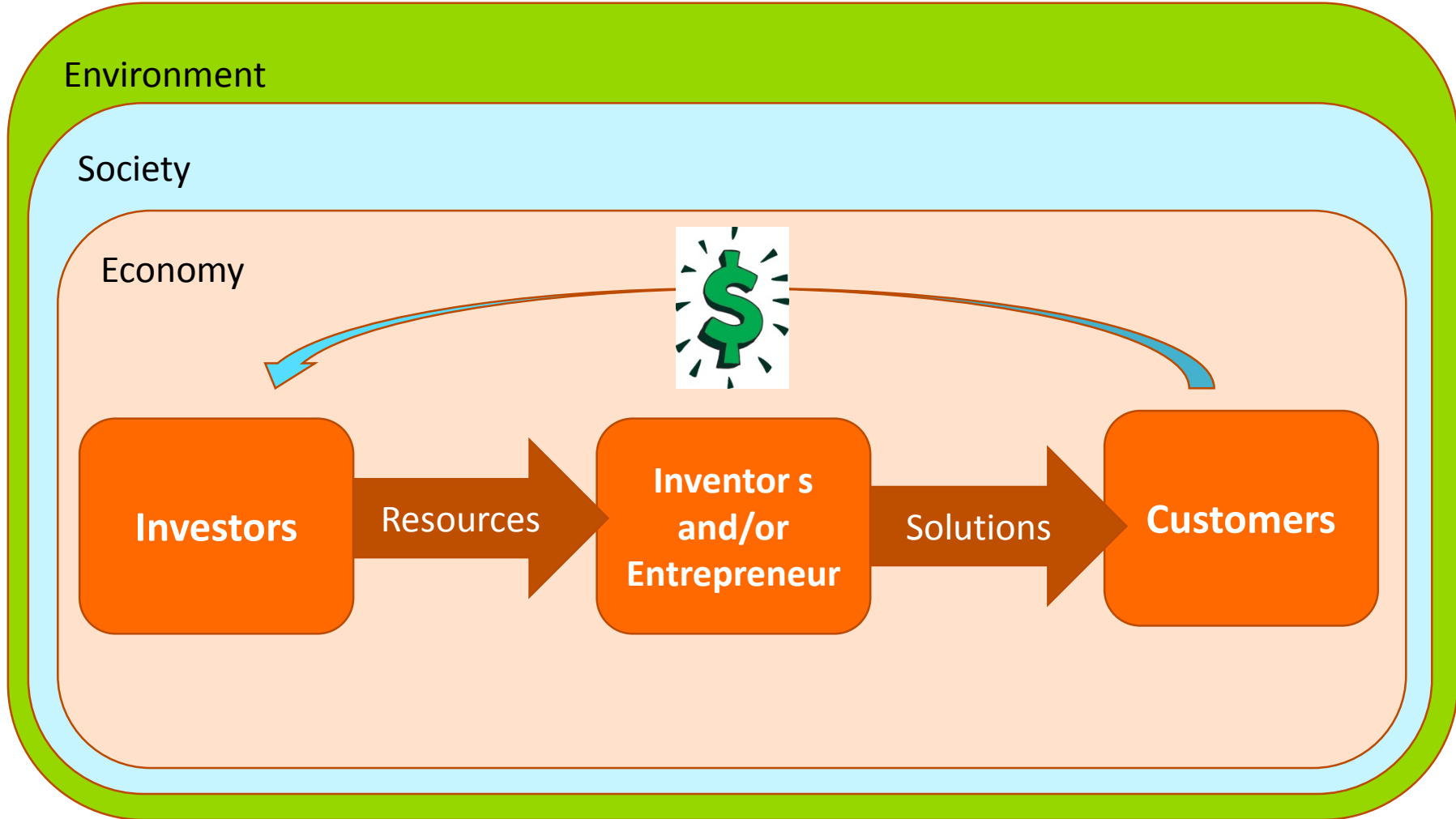
“the direct and indirect influence of research or its effect on an individual, a community, or society as a whole, including benefits to our economic, social, human and natural capital”



Roles



Roles



Endeavour Fund (aka Contestable Research Fund)

- Smart Ideas
 - catalyse and rapidly test promising research
 - high potential for benefit for New Zealand
 - refresh and diversity in the science portfolio.
- Research Programmes
 - ambitious, excellent and well-defined research ideas
 - credible and high potential to positively transform our future



Assessing Impact

“If “Excellence” is about your “Research Hypothesis” then
“Impact” is about your ...

“Market hypothesis”

- Who / Why – who’s problem is it
- How big is the problem
- What can you do to solve the problem – and has some one already solved it?
- How do you get your solution to the buyer(s) - pathway



Seeking your feedback: The Impact of Science



The Impact of Science

Discussion paper

New Zealand Government



- MBIE is seeking feedback on this discussion paper examining the concept of impact to the science system.
- Feedback is sought by 29 September

Questions?

