

Waikato Futures Symposium

Hamilton, Wintec City Campus, 15 July 2008

Scenarios for the Waikato



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“The future is not some place we are going to, it is a place we are creating.”

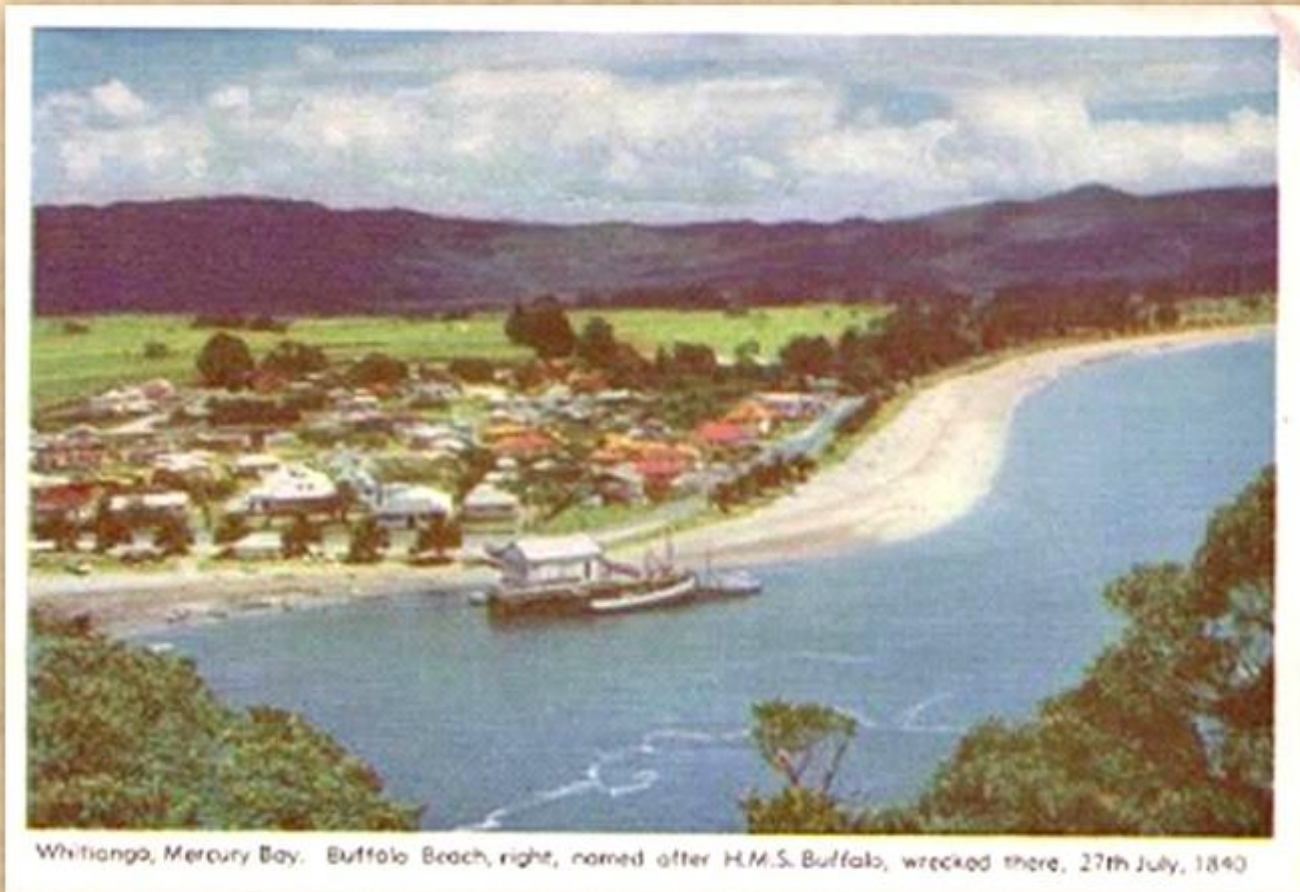
(Peter Elyard)



Hamilton

Whitianga

Whitianga in 1950s



Whitianga, Mercury Bay. Buffalo Beach, right, named after H.M.S. Buffalo, wrecked there, 27th July, 1840

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Now - 2007



Future - 2030



Future - in 500 years ...

➤ *Whitianga 2500 ?*

What people value:

“The natural environment and lifestyle the Coromandel offers”



Four Waikato Scenarios

Stories about Plausible Futures

- Not stories about what we *think* nor what is *most likely* to happen
- The stories take *alternative views* about what may happen

Four Scenarios for the Waikato:

1. Crowded House
2. Sleeping In
3. Nature Counts
4. Science Society



How Were Scenarios Developed?

1. Review other Scenarios around world and in NZ
2. Review literature about major factors shaping world, NZ, Waikato
3. Insights from FRST Project and Community Outcomes
4. Survey of regional strategic thinkers – Sept/Oct 2006
5. Workshops – Govt/SPN, Business, NGOs, Community
 - August, October & Dec 2006 ➔ Key Drivers and Draft Scenarios
6. Test and Validation of Scenarios – June 2007
7. Review and Update Scenarios – July 2008



Key Drivers of Change

World

- Climate Change
- Population
- Market changes
- Globalisation

New Zealand

- Population
- Lifestyles
- Economy
- Energy
- Housing

Waikato Region

- Land use
- Auckland
- Economy
- Governance



The things the scenarios suggest will really cause future changes

- The stories explore a combination of *what if's*
- The major *what if's* (but, not the only ones):

1. Environmental attitude:

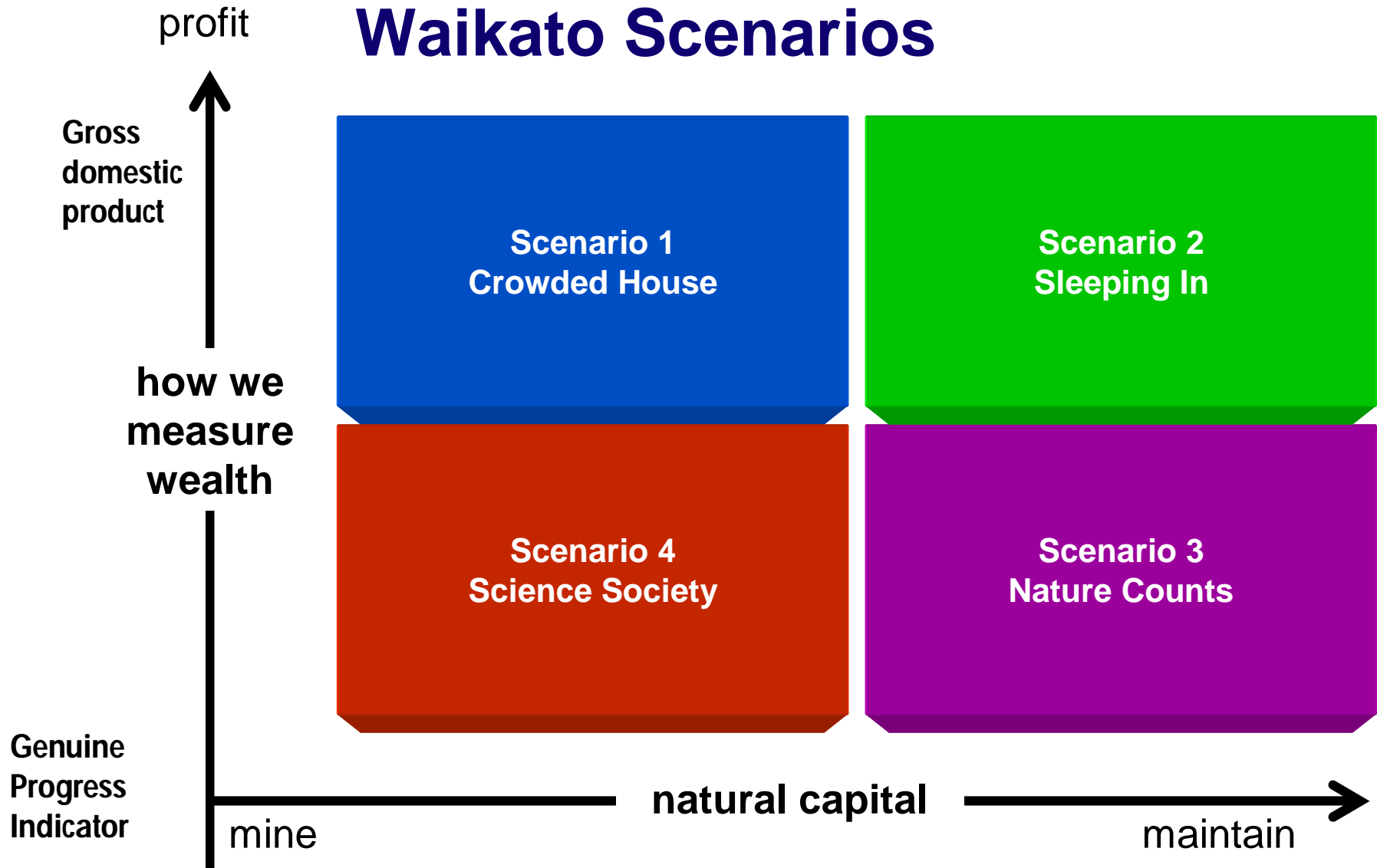
- Keep on using resources like we do today
or
- we use resources more carefully

2. Primary measurement of wealth:

- We measure our progress using economic indicators only
or
- we include other social, cultural and environmental measures to decide how well we are doing



Waikato Scenarios

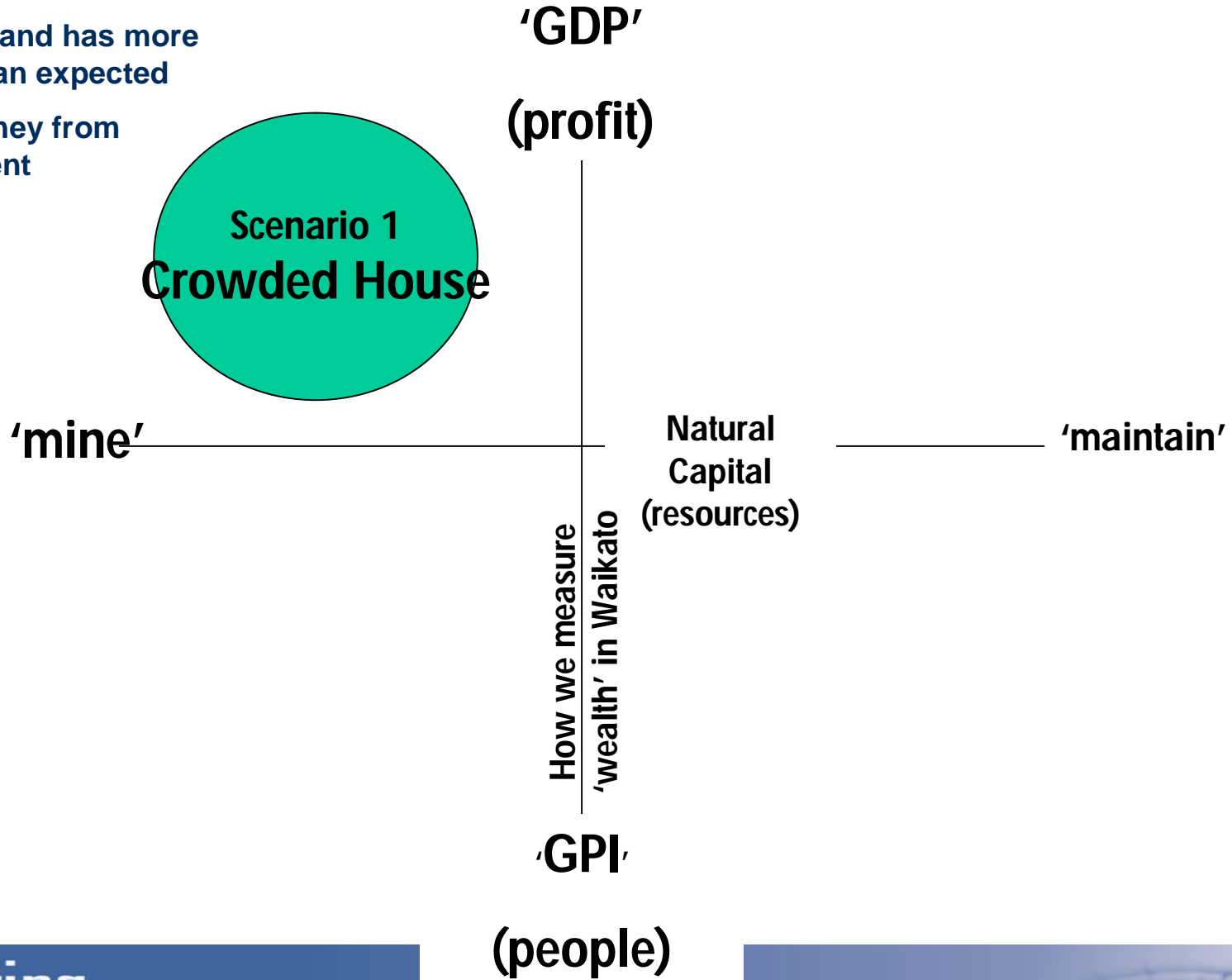
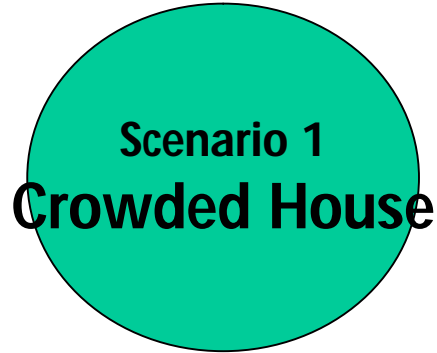


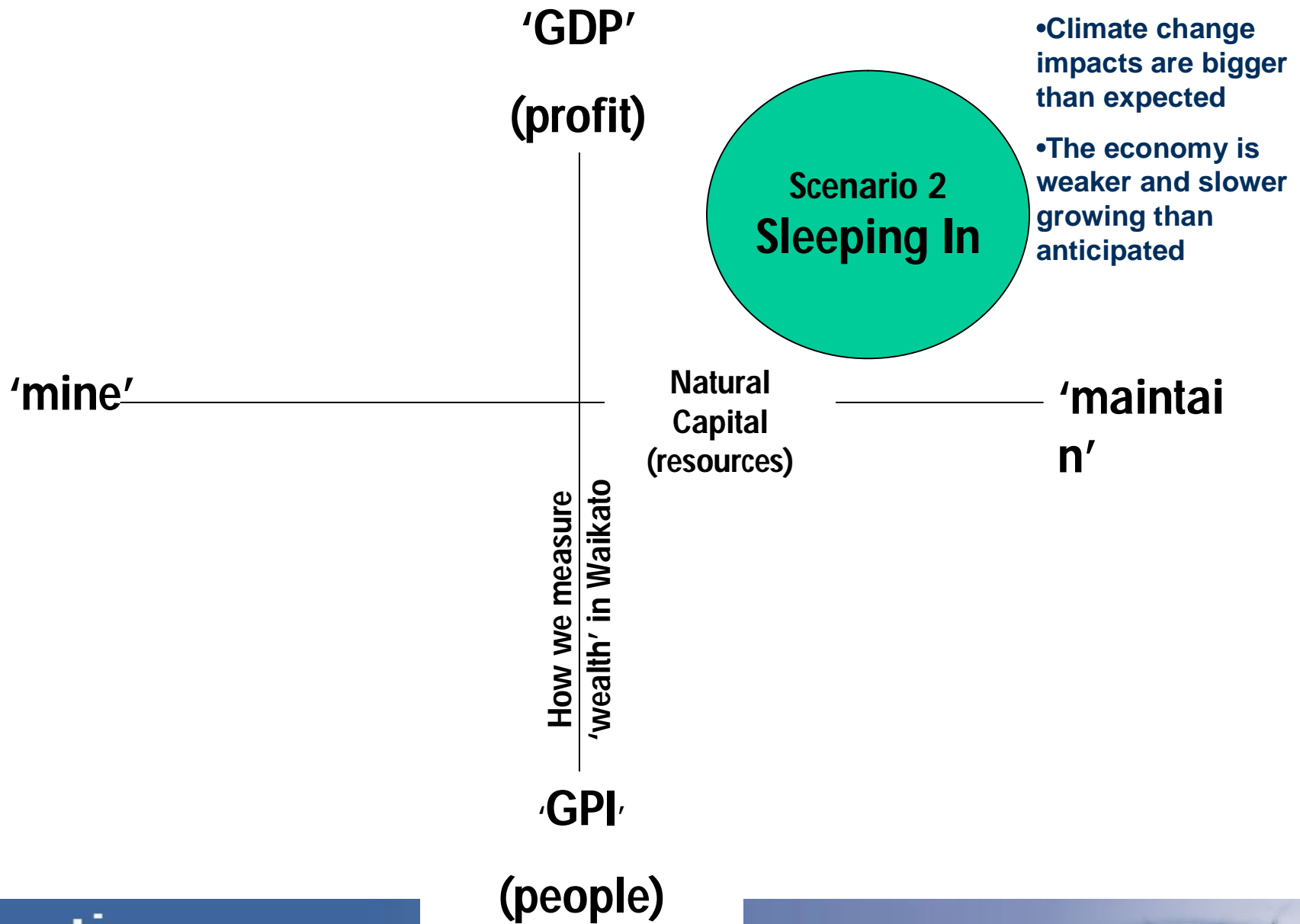
Key Drivers of Change in the Waikato

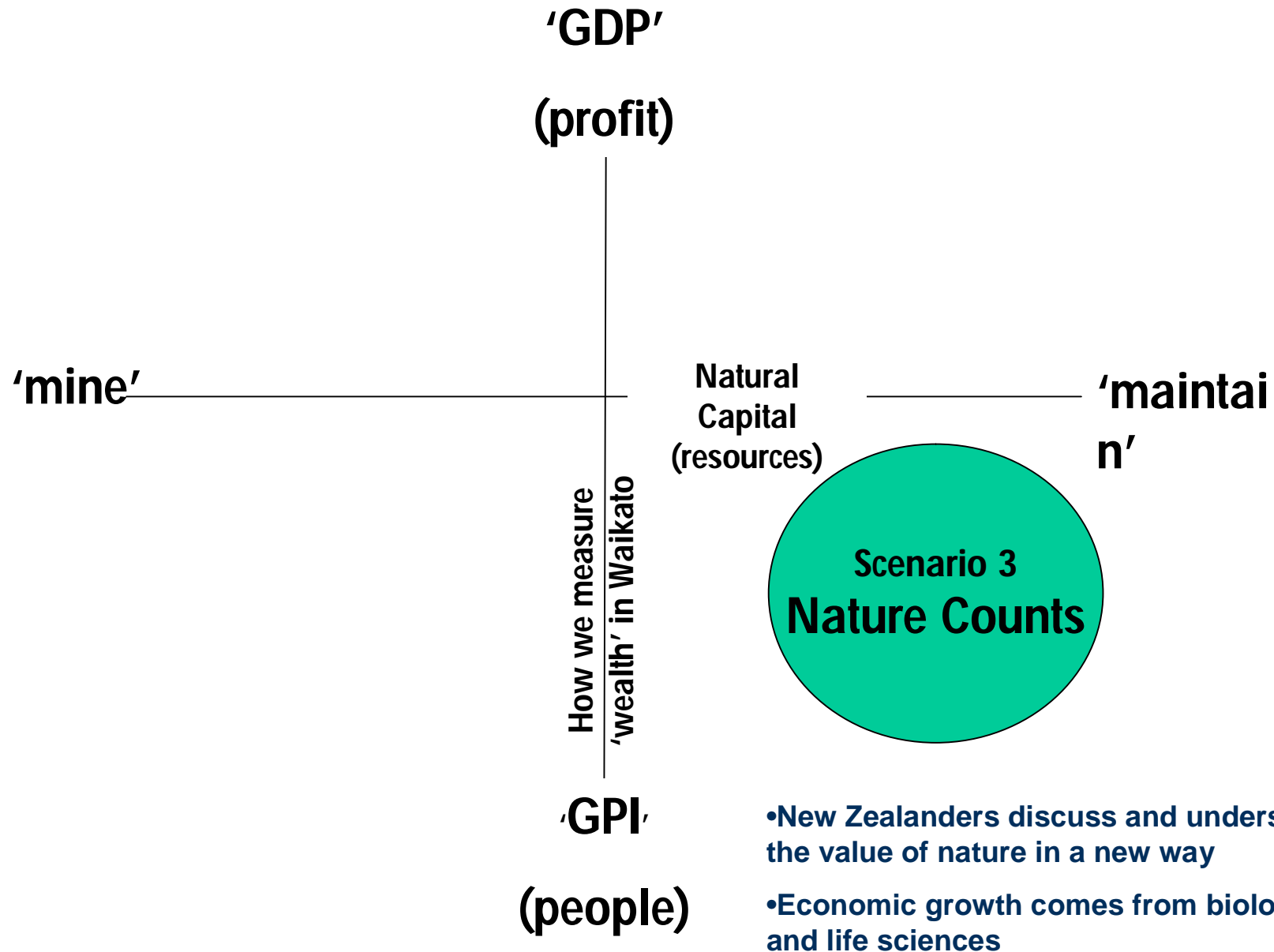
	Scenario 1	Scenario 2	Scenario 3	Scenario 4
	Crowded House	Sleeping In	Nature Counts	Science Society
How we measure <u>wealth</u>	GDP	GDP	GPI	GPI
How we use <u>natural resopurces</u>	Mine	Maintain	Maintain	Mine

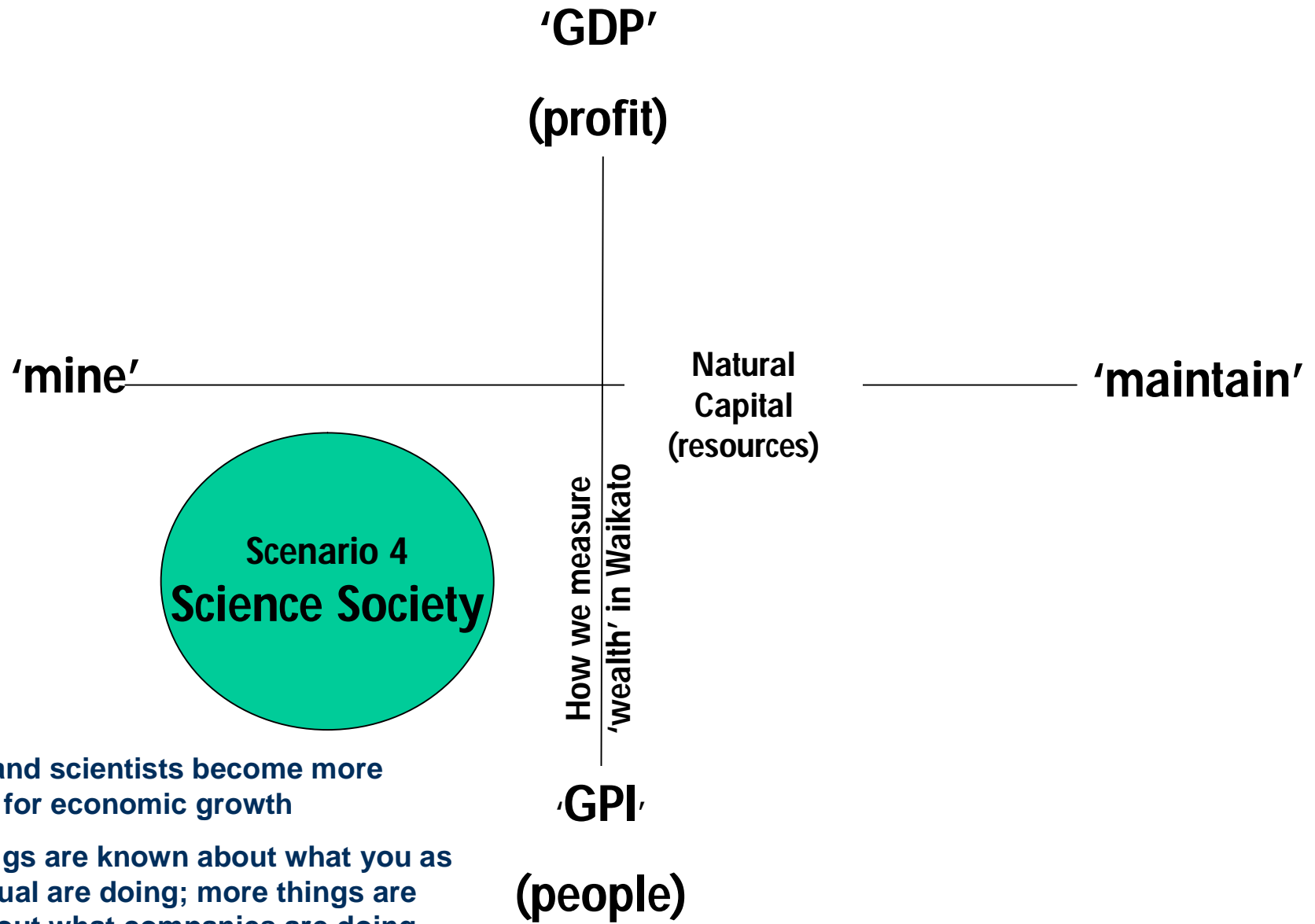


- New Zealand has more people than expected
- Less money from government







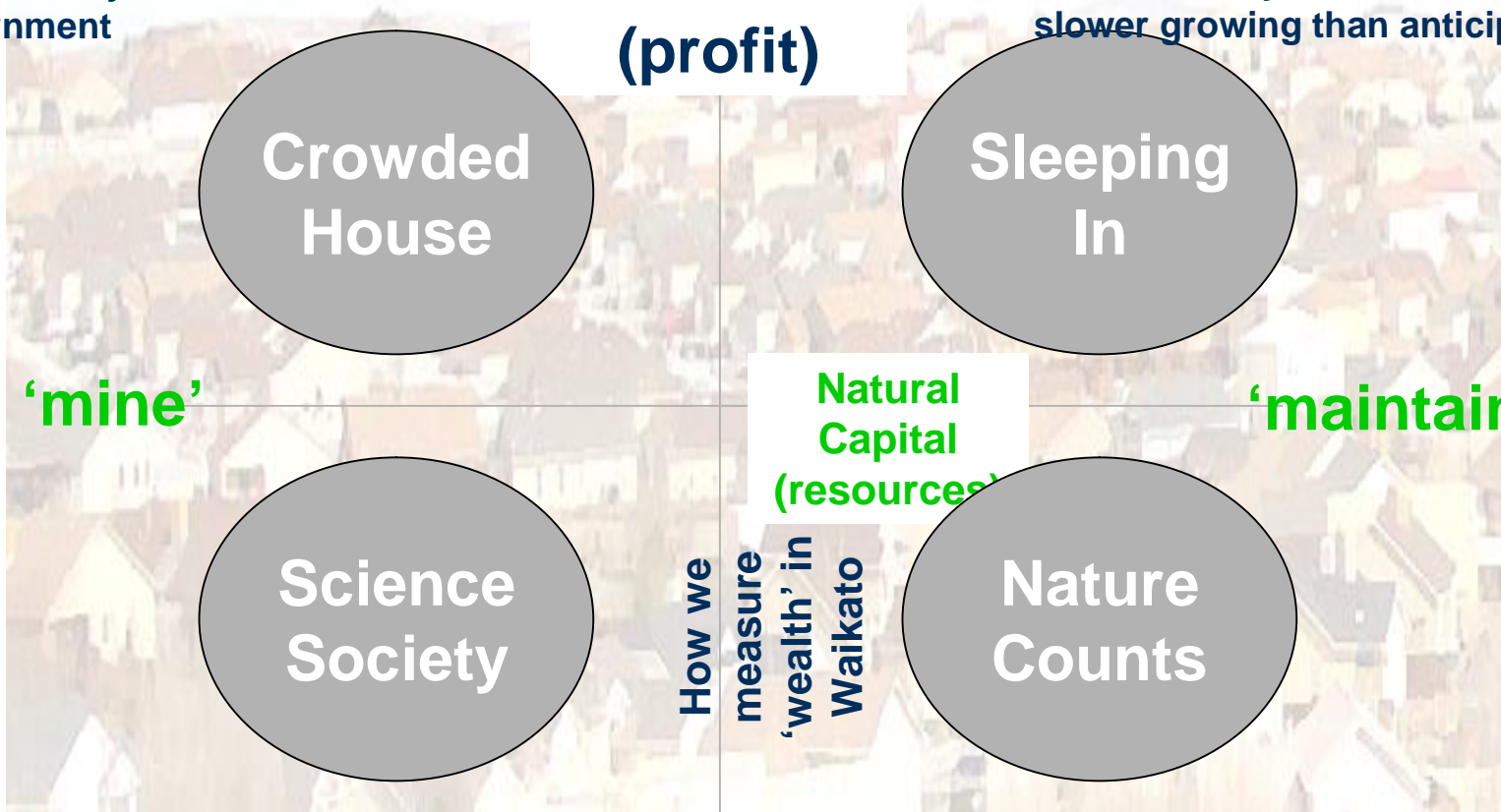


- Science and scientists become more important for economic growth
- More things are known about what you as an individual are doing; more things are known about what companies are doing

- New Zealand has more people than expected
- Less money from government

- Climate change impacts are bigger than expected
- The economy is weaker and slower growing than anticipated

‘GDP’
(profit)



‘mine’

‘maintain’

Natural Capital
(resources)

How we
measure
‘wealth’ in
Waikato

- Science and scientists become more important for economic growth
- More things are known about what you as an individual are doing; more things are known about what companies are doing

‘GPI’
(people)

- New Zealanders discuss and understand the value of nature in a new way
- Economic growth comes from biological and life sciences

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What are Challenges in the Scenarios

- The **Crowded House** and **Sleeping In** scenarios
 - raise questions about how much money there is to spend
 - how willing people, companies and governments are to act before something happens
 - how helpful people are with each other

- The **Nature Counts** and **Science Society** scenarios
 - raise questions about what we value (money, environment)
 - how science and technology changes will change the way we work and live
 - how much freedom we will have to be an individual



Worst Nightmares

- Governance – lack of leadership and integrated planning
- Lack of action despite information/knowledge
- Living beyond our limits, eg productive capacity of soil/water
- Uncovering ‘clean & green image’ – export, tourism
- Auckland footprint – economic, housing, transport, recreation
- Social unrest due to cultural, educational & economic gaps



Some Recurring Themes

- Climate change
- Terrorism
- Increasing gap rich – poor
- Primary industry – changes in agriculture
- Sustainability – NZ a world leader
- Need for more simple lives



Survival Tactics

- **Energy** – renewables, efficiency, demand management
- **Urban planning** – infrastructure, transport, population density
- **Skilled staff** – attract, reward, build capacity, nurture
- **Broader funding** – public/private partnerships
- **Build resilience** – emergency mgmt, extended family, community, infrastructure, self-sufficient (food, energy)
- **Governance** – representative, co-management (iwi)
- **LONGER term & more INTEGRATED**



Why did we Develop Scenarios?

Purpose

Enhance collective understanding of the issues that shape the future of the Waikato

- Learning tool
- Inform Decision-making
- Input into regional policy and strategies (LTCCP)
- Guide the design and development of Waikato Model



Creating Futures Project

Develop and apply
planning and communication tools
to make informed choices for the future

Creating
Futures



Creating Futures

Developing and applying
planning tools to make
informed choices for the future



Programme Leader

Dr Beat Huser

Dr Liz Wedderburn

OBJECTIVE 1:
Improved communication
& deliberation tools,
Scenarios



Dr Daniel Rutledge

OBJECTIVE 2:
Spatial decision support
system development



Landcare Research
Manaaki Whenua



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Thanks to:

- ✓ Dr Daniel Rutledge, Landcare Research
- ✓ Dr Liz Wedderburn, AgResearch
- ✓ and all other FRST project team members

- ✓ Environment Waikato staff

- ✓ Choosing Futures Waikato team

