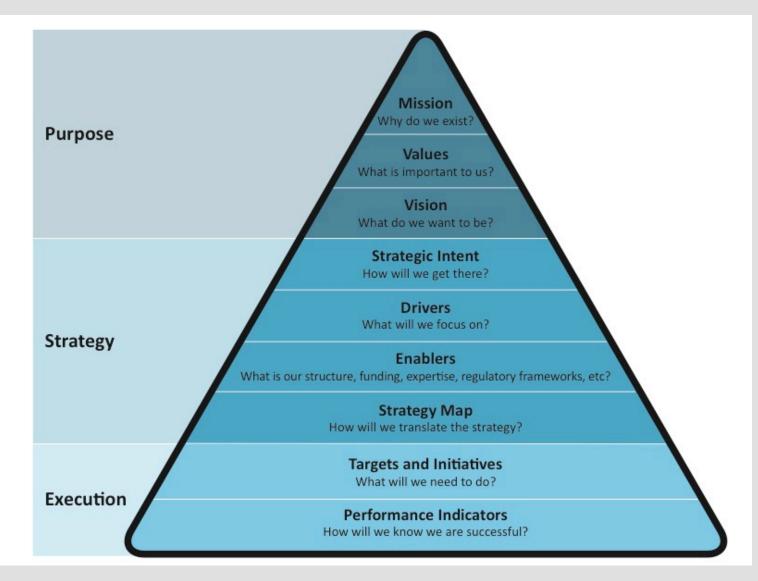
# StrategyConservation Lands

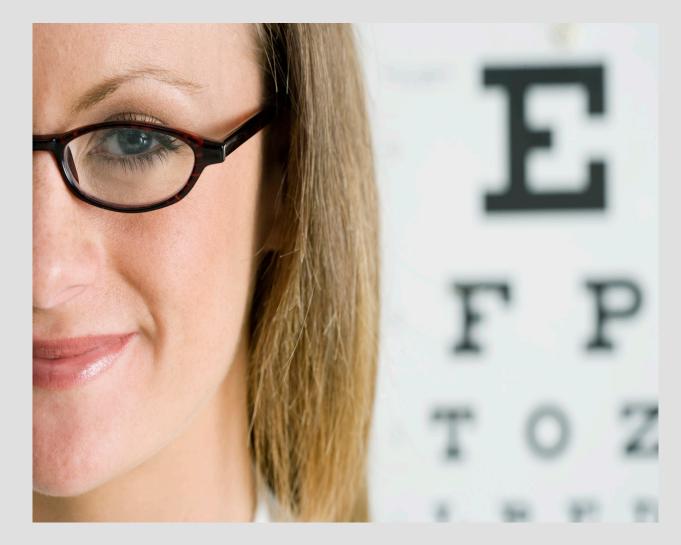
Otago University Symposium Public Conservation Lands 2040 9 November 2011, Dunedin

## How to develop strategy?

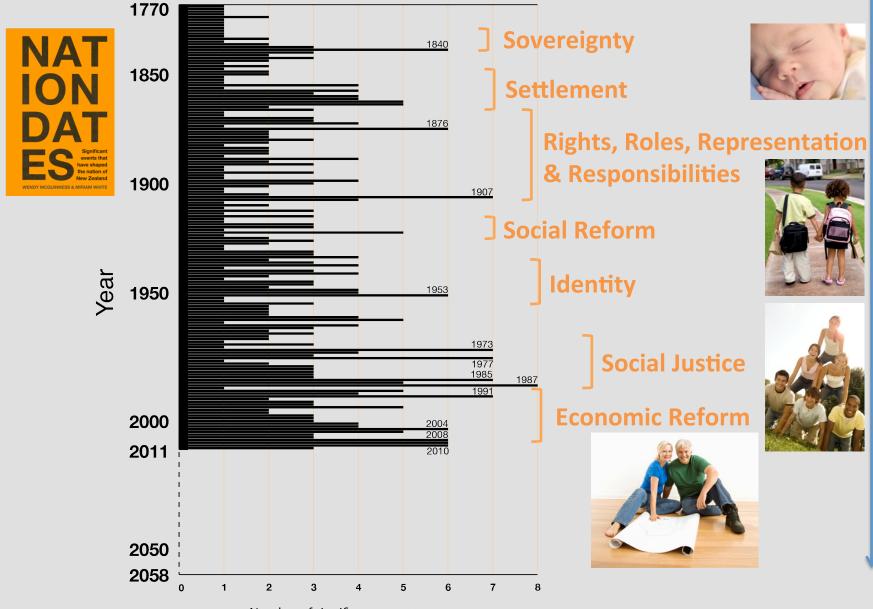


## **The Three Sights**

- Hindsight
- Insight
- Foresight



## **Nation Dates: Significant events**



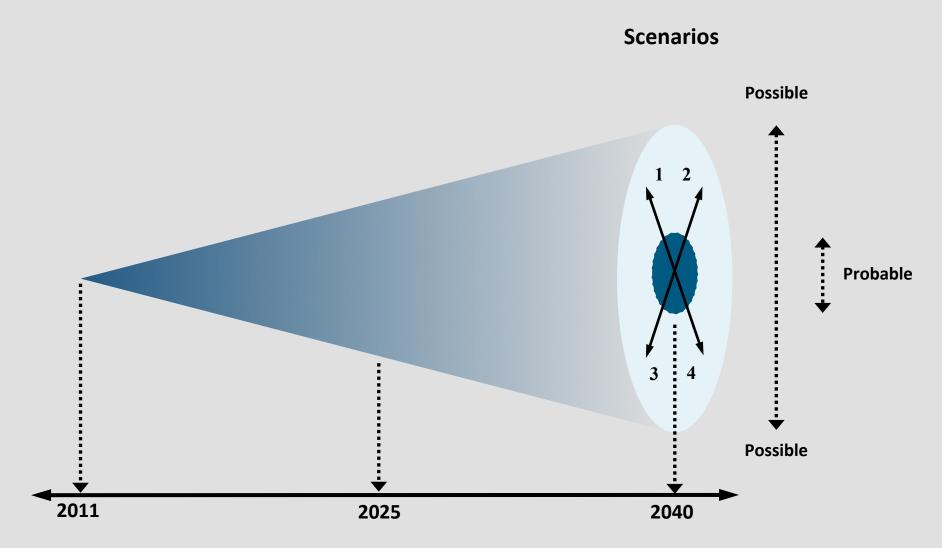
Number of significant events per year

## **NASA Chief Scientist Dennis M. Bushnell**

- 1. Climate change and energy
- 2. Massive debt (AKA 'The Great Correction')
- 3. Water and food shortages/Environmental issues
- 4. Five simultaneous game-changing tech revolutions, tele-everything
- 5. Luddites/Individual destructive power
- Robotics/Machine intelligence/ Employment
- 7. Humans merging with the machines



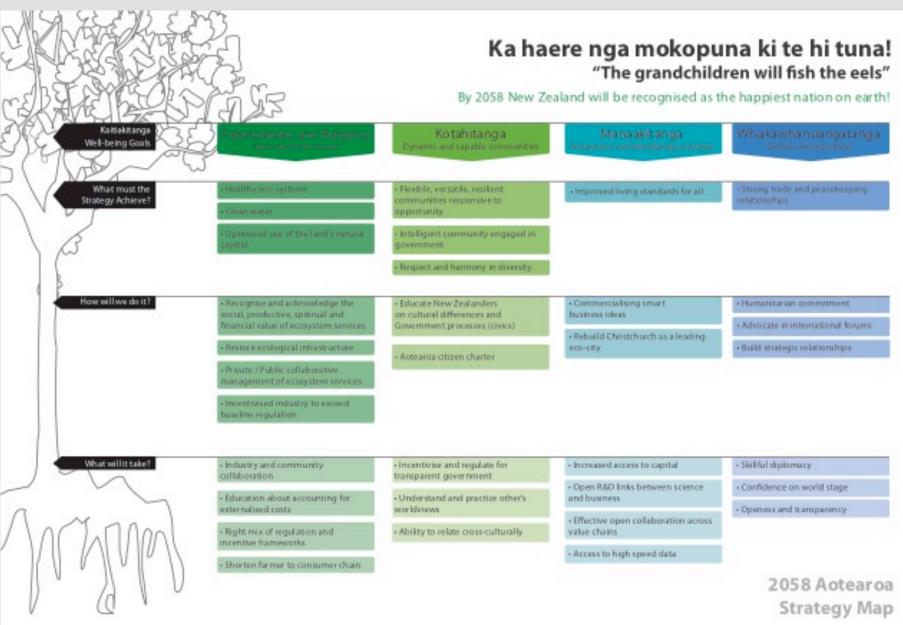
## What is Future Studies?



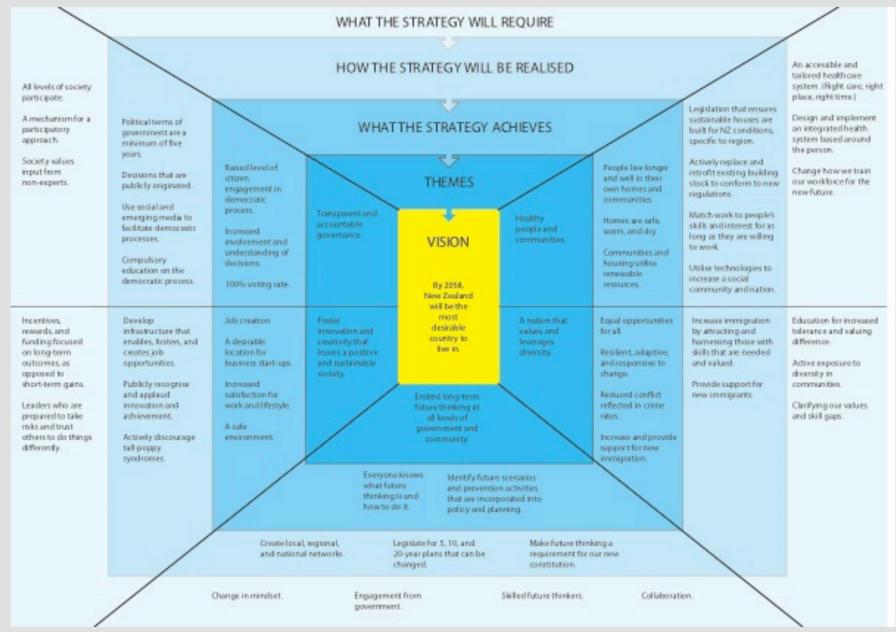
## StrategyNZ: Mapping our Future March 2011



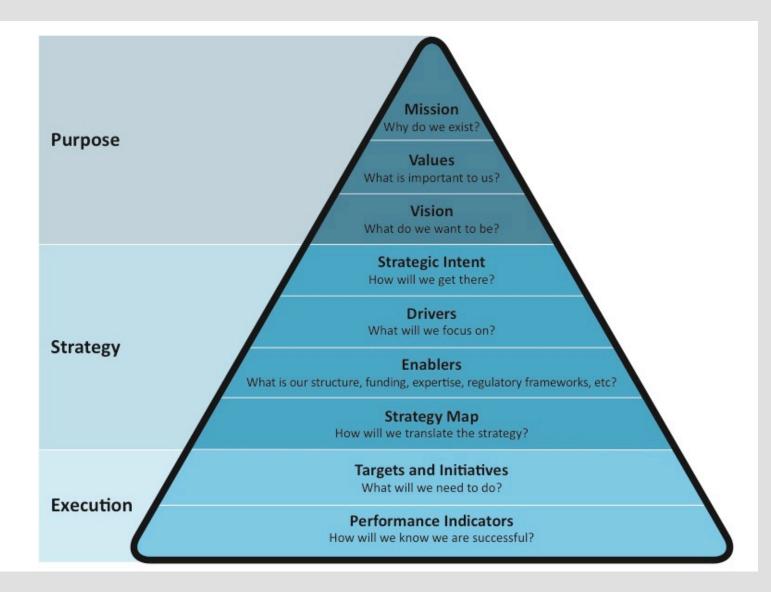
## **Strategy Maps**



## **Strategy Maps**



### How to develop a strategy for Conservation Land?



Ministry for the Wilderness

#### Wild River Park

This is a private park. It is opened to the general public only one weekend a year. Flora, fauna and non-human landscapes are strictly protected by the Ministry.

Area: 2000 km<sup>2</sup>

As at 1 January 2040

#### Ministry for Economic Development

#### Coal Range Park

This is a private park. Rights to remove its contents, whether it be trees or minerals, are auctioned every two years by the Ministry. Area: 150 km<sup>2</sup>

As at 1 January 2040





Ministry for Recreation

#### Marilyn Fitty Park

This is a public park. It is open 24/7 and you can make as much noise here as you like. It is all about fitness, hobbies, horses, bike tracks & fishing etc. Area:  $450 \text{ km}^2$  As at 1 January 2040

#### Ministry for Conservation

#### Happy Hiking Park

This is a public park. It is open 24/7 but you can only walk, you cannot bring anything with wheels onto this land. It is for current and future generations. Area: 800 km<sup>2</sup>

As at 1 January 2040



The opportunity to create an environmental platform – the constitutional review 2011-2013

<sup>1896</sup> 'Do not think your single vote does not matter much. The rain that refreshes the parched ground is made up of single drops.' – Kate Sheppard

#### FRENCH CONSTITUTION CHARTER FOR THE ENVIRONMENT THE TEN ARTICLES

- **Art 1** Each person has the right to live in a balanced environment which shows due respect for health.
- Art 2 Each person has a duty to participate in preserving and enhancing the environment.
- **Art 3** Each person shall, in the conditions provided for by law, foresee and avoid the occurrence of any damage which he or she may cause to the environment or, failing that, limit the consequences of such damage.
- Art 4 Each person shall be required, in the conditions provided for by law, to contribute to the making good of any damage he or she may have caused to the environment.
- **Art 5** When the occurrence of any damage, albeit unpredictable in the current state of scientific knowledge, may seriously and irreversibly harm the environment, public authorities shall, with due respect for the principle of precaution and the areas within their jurisdiction, ensure the implementation of procedures for risk assessment and the adoption of temporary measures commensurate with the risk involved in order to deal with the occurrence of such damage.

#### FRENCH CONSTITUTION CHARTER FOR THE ENVIRONMENT THE TEN ARTICLES

- **Art 6** Public policies shall promote sustainable development. To this end they shall reconcile the protection and enhancement of the environment with economic development and social progress.
- Art 7 Each person has the right, in the conditions and to the extent provided for by law, to have access to any information pertaining to the environment in the possession of public bodies and to participate in the public decision-making process likely to affect the environment.
- **Art 8** Education and training with regard to the environment shall contribute to the exercising of the rights and duties set out in this Charter.
- Art 9 Research and innovation shall contribute to the preservation and development of the environment.
- **Art 10** This Charter shall inspire France's actions at both a European and an international level.



# Thank You



## **Sir Paul Callaghan**

'So my take is, we simply push on, ignore the pessimism, and lead by example. Then suddenly we find ourselves surrounded by success and telling ourselves that it was always meant to be this way.'



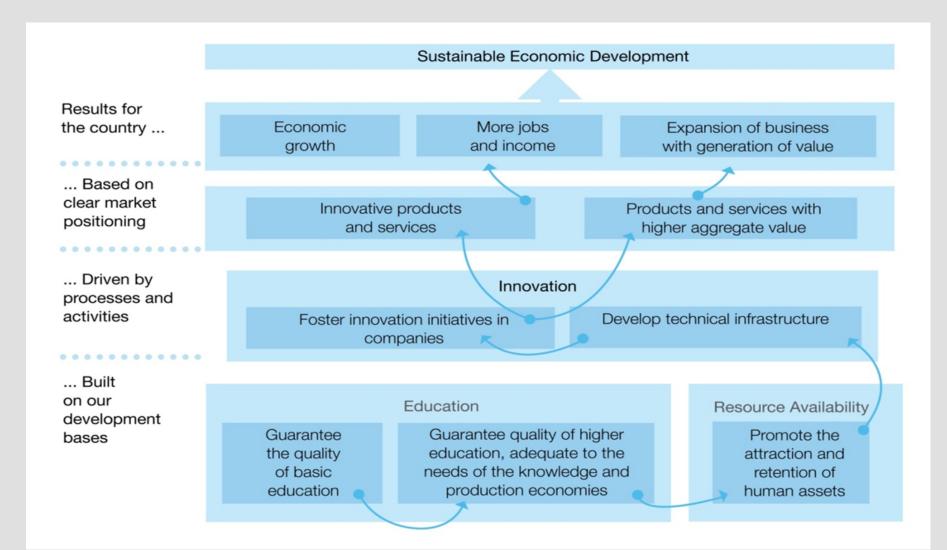
## **Talent is Key**

- Talent likes talent
- Talent loves good food and cafes
- Talent wants to be the best in the world
- Talent enjoys being recognised
- Talent thinks and acts globally
- Talent hates completing forms
- Talent gets frustrated with delays
- Talent needs human capital
- Talent grows through investment
- Talent follows talent
- Talent is key

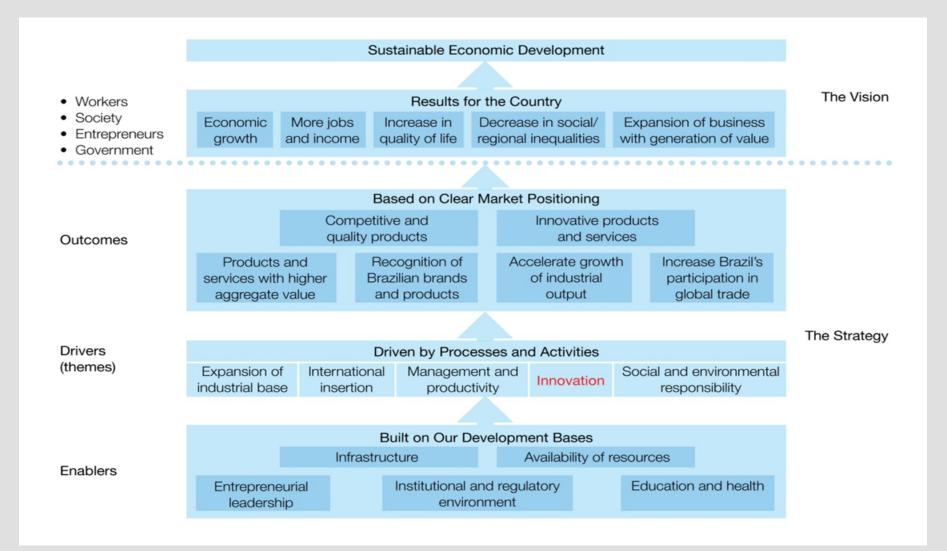


What is Futures Studies? What is Strategy? What is a Strategy Map? What is the difference between management and leadership? What is the difference between a puzzle and a mystery? What is the difference between control and influence?

#### From previous slide – Strategy Map for Brazil Innovation theme expanded showing cause and effect



## **Strategy Map for Brazil**







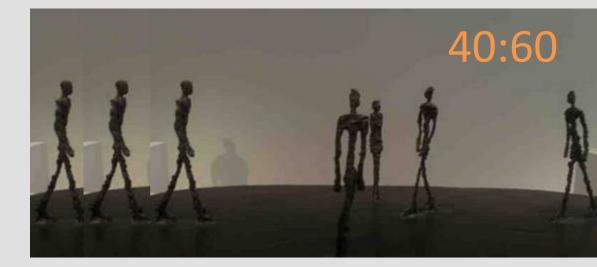
# 97-90 = 7

## 7-3=4

4 - 2 = 2

## **Insight and Foresight**

Today, 3 billion made \$2 or less per day.



Fifty years later, the developed countries & China grow old – while Africa & India remain young.

