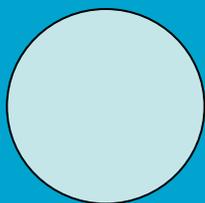
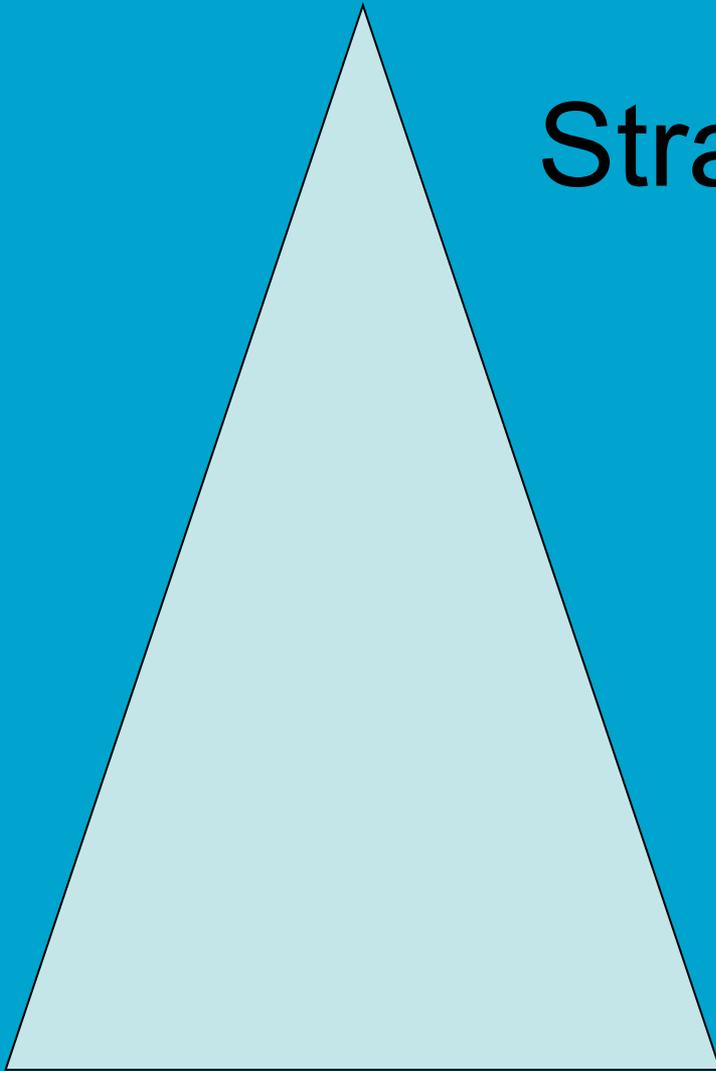


**The
Second Bounce
of the
Ball ●**

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Strategic Knowledge



Information



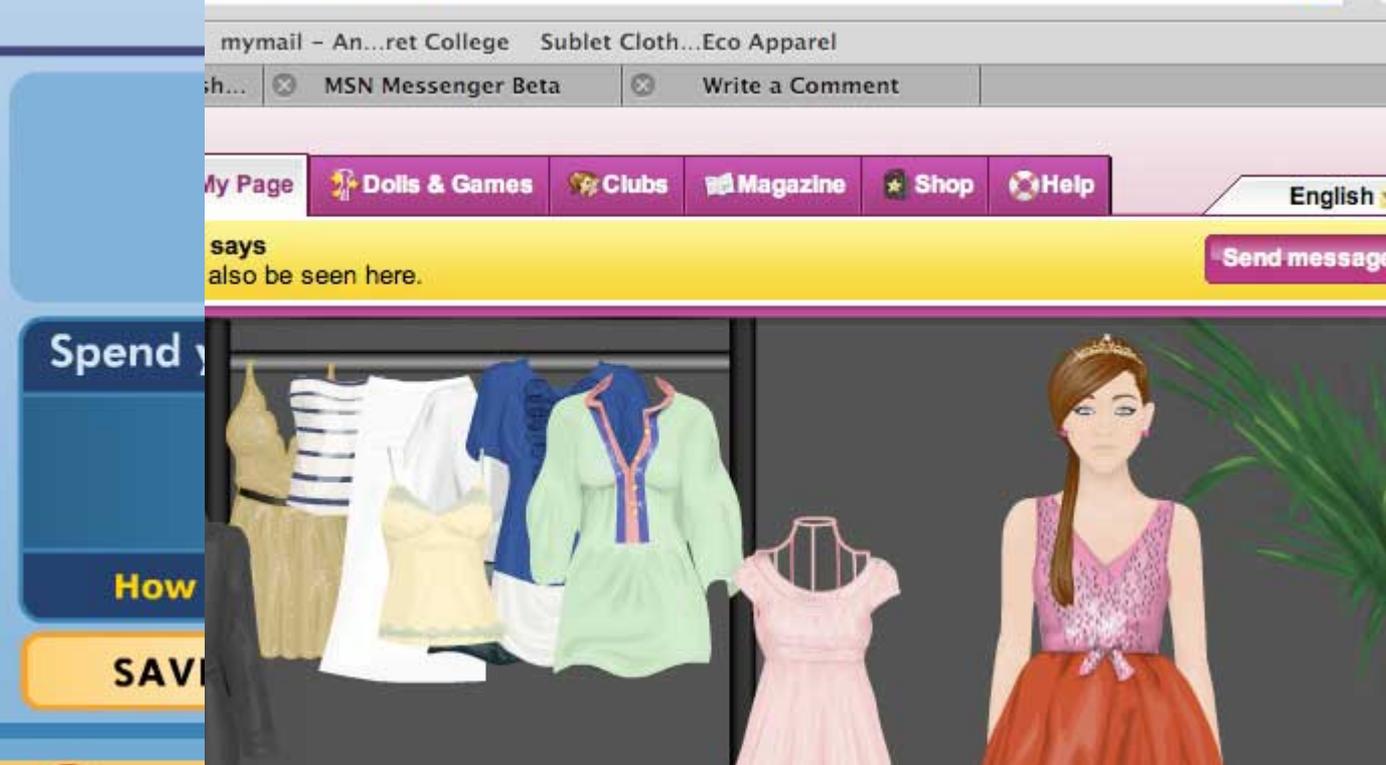
Data

Futures Studies

- 1. Probable futures:** forecasting and sometimes prediction
- 2. Possible futures:** scenarios, risks (Explorative)
- 3. Preferred futures:** strategies and agendas for change, propelled by innovation and leadership (Visionary)
- 4. Present trends:** indicators, broad macro-changes
- 5. Panoramic views:** systems thinking, integral futures, and 'big picture' attempts
- 6. Questioning:** the necessary questioning and critiquing of all of the above, all of the time.

Steps Towards Scenarios

- Define project parameters, trends, driving forces
- Explore uncertainties and rank
- Build scenario worlds, write stories, test
- Use consider implications, review, communicate



An avatar is a computer user's representation of himself/herself or alter ego.

Virtual reality (VR) is a technology which allows a user to interact with a computer-simulated environment, be it a real or imagined one.

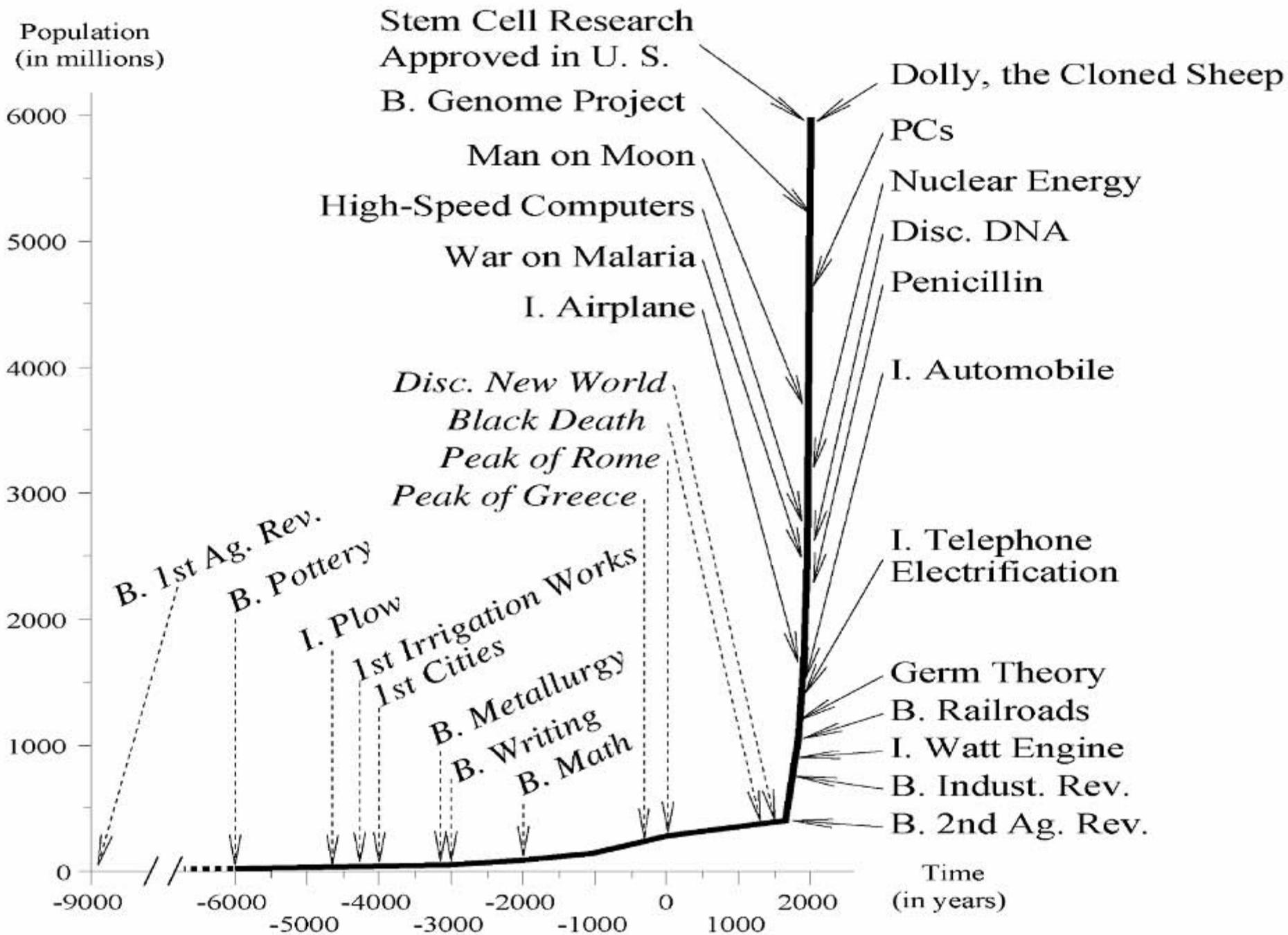


**Joseph Coates,
Professional Futurist,
New York**

**Jerome C. Glenn – Director, The Millennium
Project and co-author of the
State of the Future, 2008**

The Maths – Why we count

- 97 billion have lived
- 90 have died
- We are part of the 7 billion alive
- 3 billion currently live on \$2 or less
- We are part of the 4 billion
- Less than half are financially and physically independent
- So we in the room are representative of about 2 billion that have time and \$ to make a difference
- So 2 billion into 97 – we are unique...but there is more



Given the

- **increase in population**
- **climate change &**
- **the existence of wildcards**

Wild Card 1

Technology

- **Info**
- **Nano**
- **Bio**

Wild Card 2

Terrorism & War

- **Crime**
- **War**
- **Nuclear War**

Wild Card 3

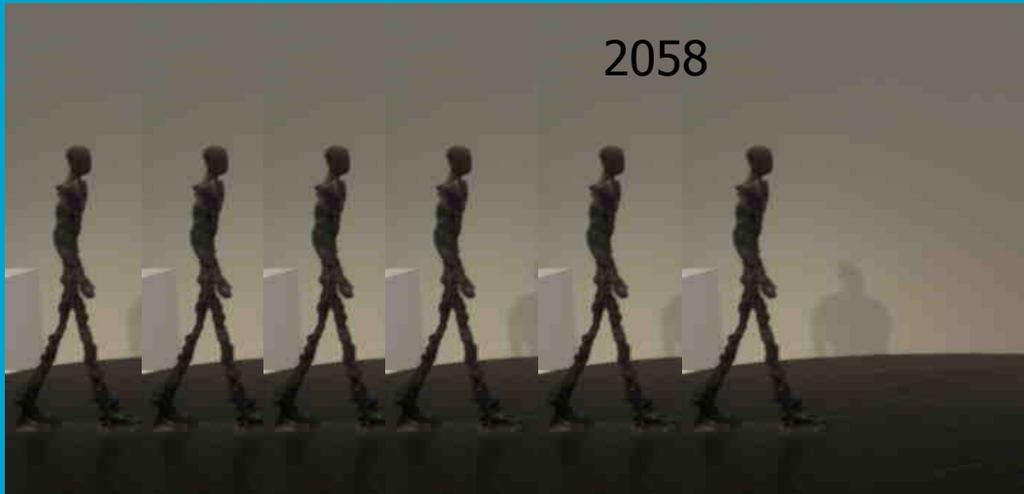


Health & Safety

- **Antibiotic R.**
- **Pandemic**
- **Food**
- **Water**

In 2008, 3 billion make \$2 or less per day.

In 2058, the developed countries and China grow old – while Africa remains young.





**Things
are
looking
up...**

**80% of all
scientists
are alive
today**



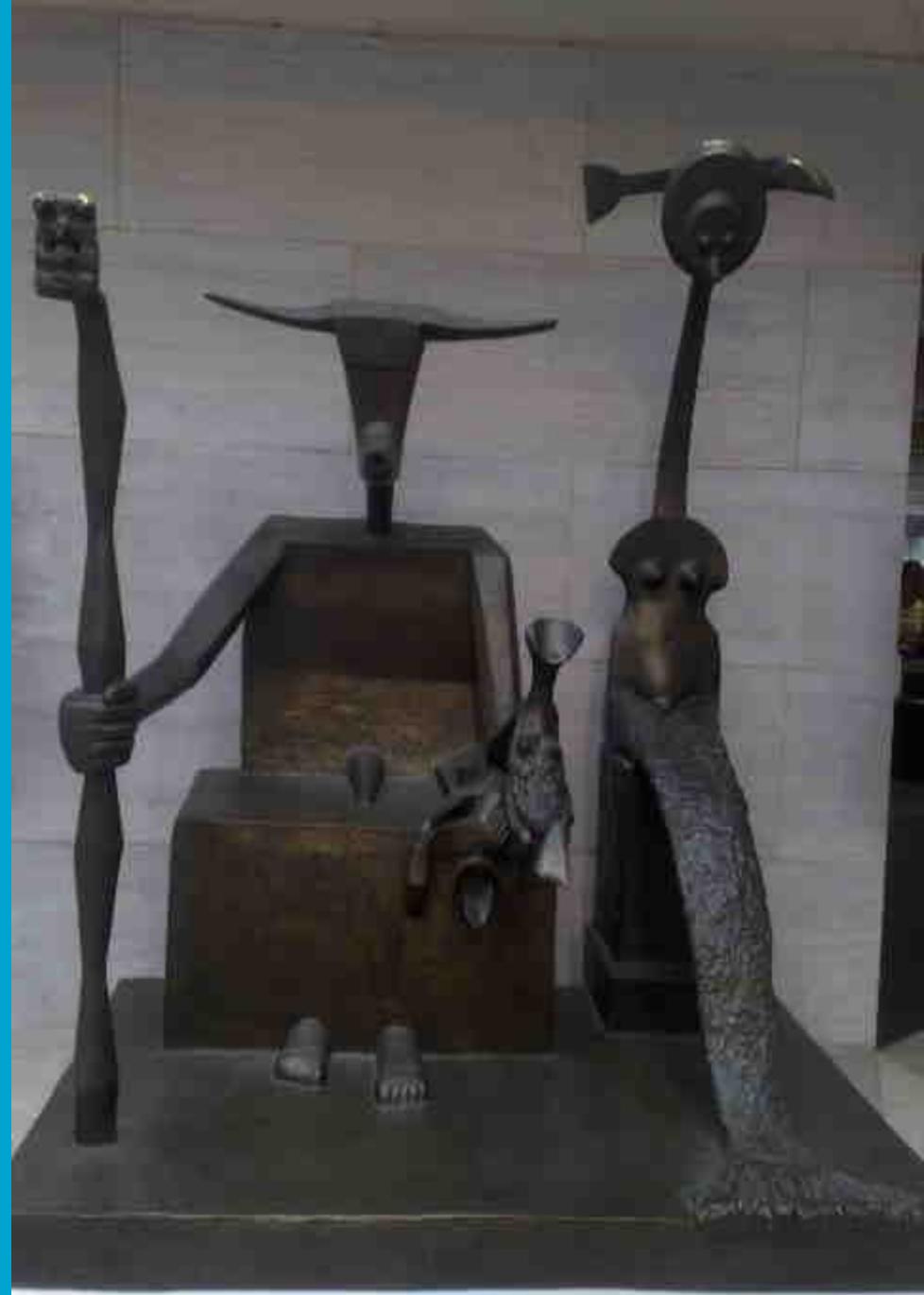
Going Up



Going underneath



Going underwater



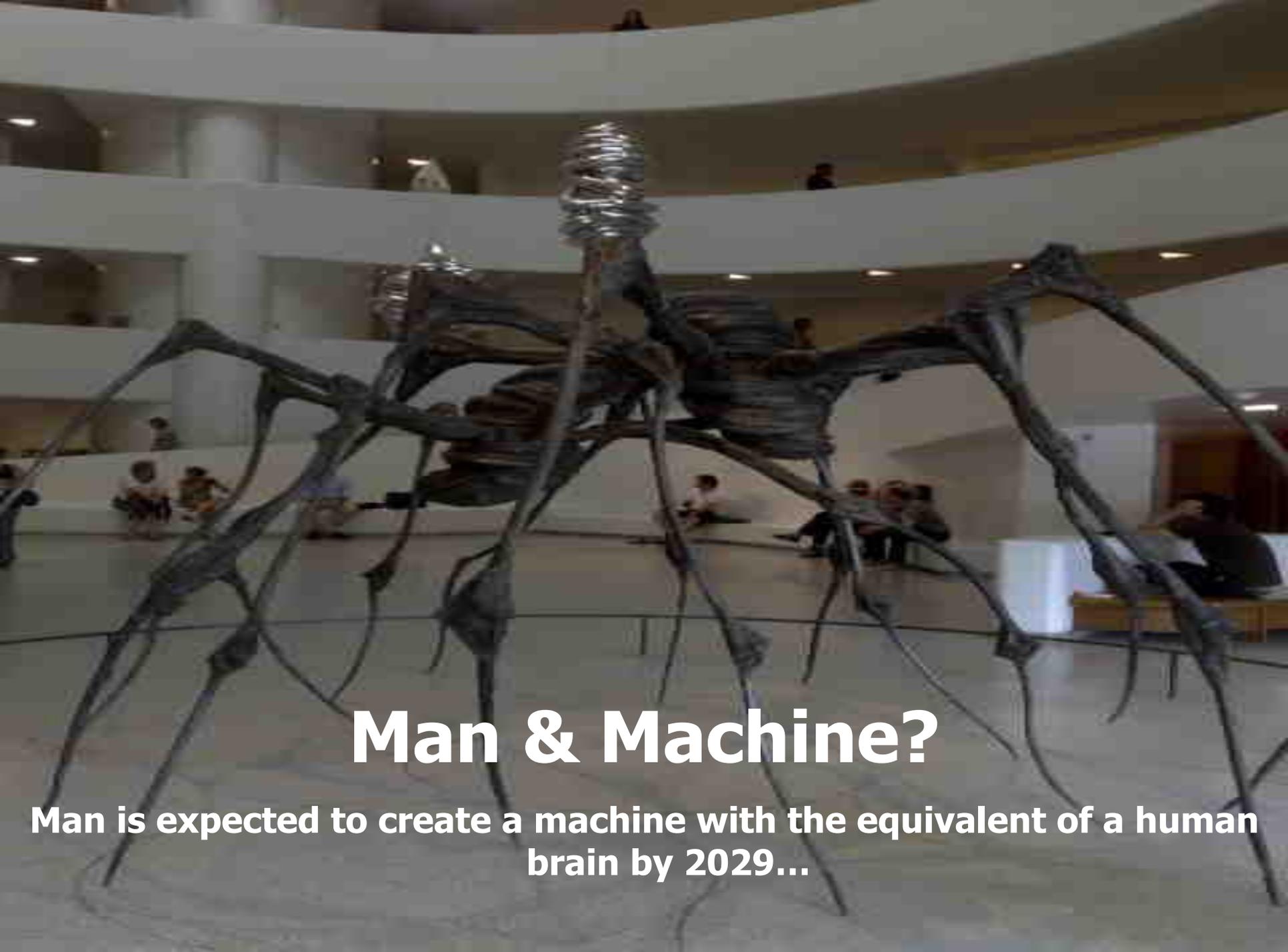
...Leaving





The Future of Mankind?





Man & Machine?

Man is expected to create a machine with the equivalent of a human brain by 2029...

Crime is now global

- **\$1 trillion pa Illicit Trade**
- **150 unauthorised use of nuclear or radioactive materials in the last 4 years**
- **20,000 active nuclear weapons**





Our generation can expect a life expectancy of 92 – 100 years of age.

Our children, if we fail to manage their weight gain, will have 80 year old bodies in 50 year old skin.

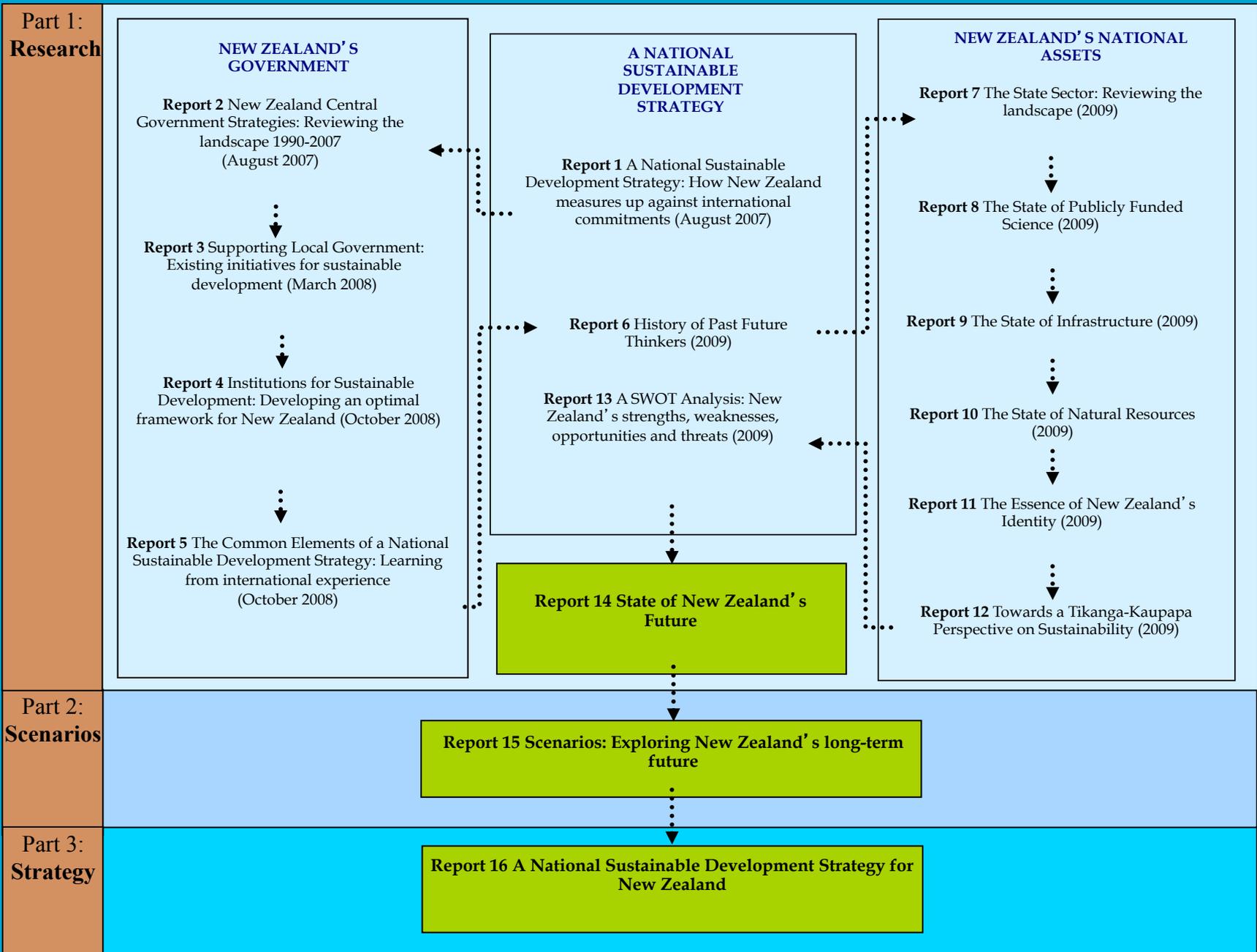
Watch for Weak Signals

Responses for *Powerful* counties

- Self-sufficient, heavily armed and a fortress mentality or
- Serious engagement with all the problems of the planet

Responses for *Small* counties

- Ignore
- Adapt (monitor closely what is happening)
- Support global leadership (UN, WB, etc)
- Build alliances (state of Australia, Pacific Alliance?)
- Try to shape (lead by example)



Our Methodology

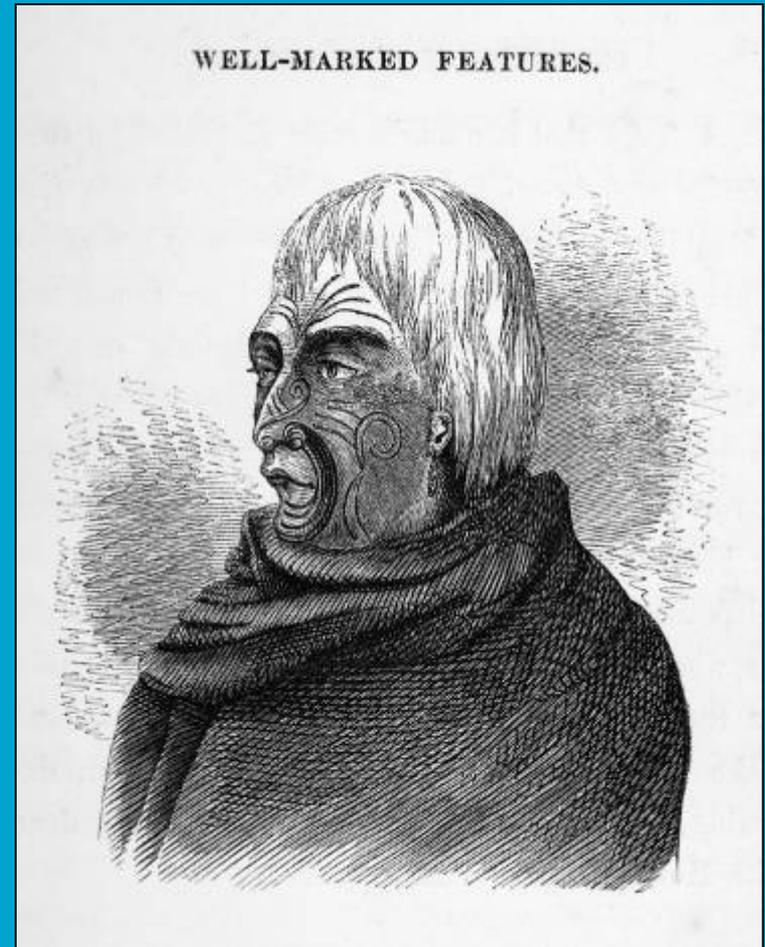
Scenario Matrix	...the World does manage its opportunities and threats	...the World does not manage its opportunities and threats
New Zealand does manage its strengths and weaknesses and..	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/> Fail
New Zealand does not manage its strengths and weaknesses and...	<input checked="" type="checkbox"/> Fail	<input checked="" type="checkbox"/> Fail

For fifty years he was the most feared fighting chief and at one stage controlled about 1/4 of NZ.

He was celebrated for his courage, cleverness, resourcefulness and skill in diplomacy – making him one of the greatest contemporary leaders in the traditional Maori style.

He was also considered to be the creator of the famous haka:

Ka mate! Ka mate!



Te Rauparaha (1760s-1849)

Immigration and Works Scheme 1870

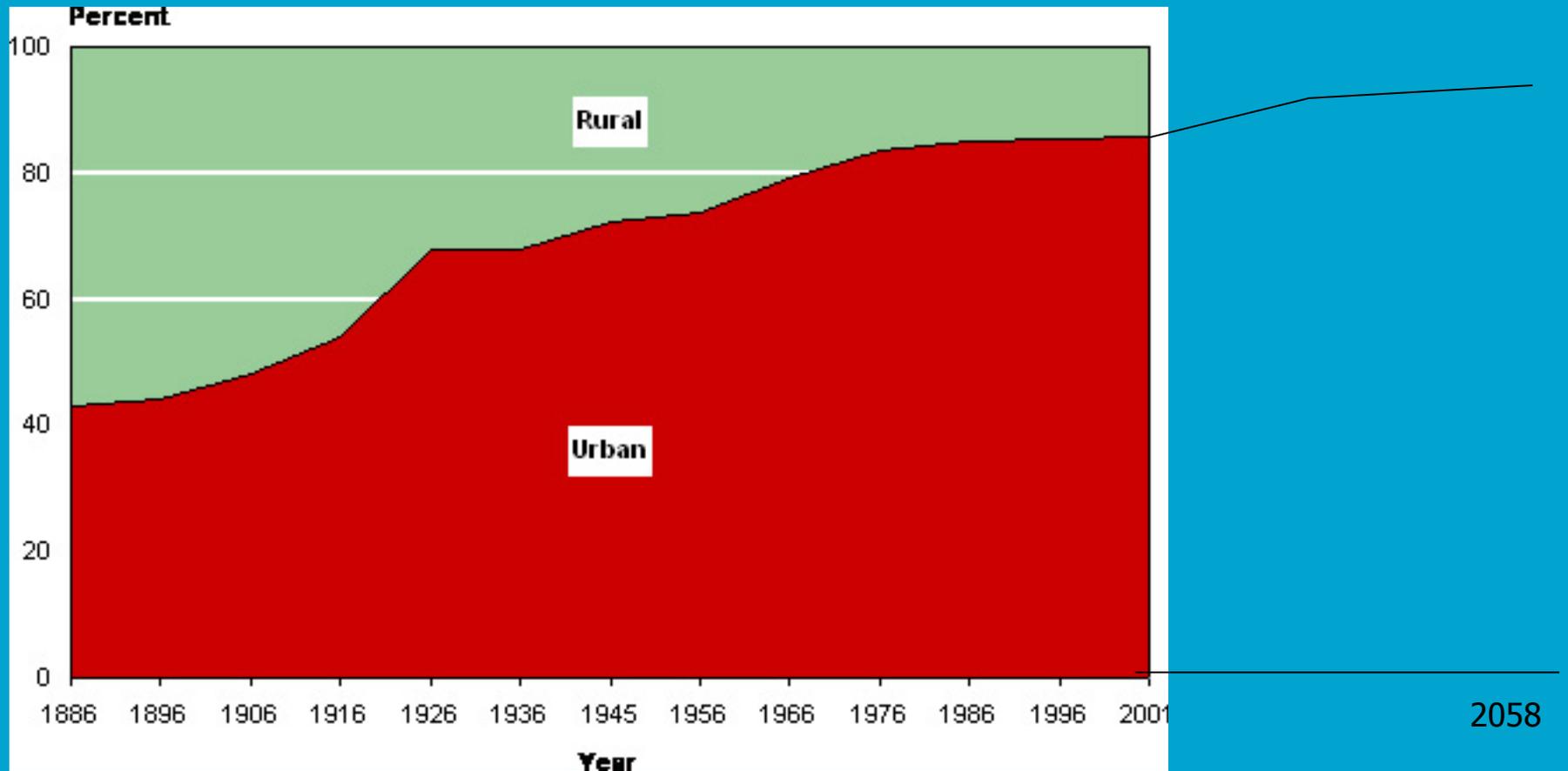


Julius Vogel (1835-1899)

A development plan designed to revive the economy and provide the pre-conditions of economic growth, included roads in the North, railways in the South... in ten years the Government would bring about results that would otherwise have taken decades to achieve ...“do more to put an end to hostilities and to confirm peaceful relations, than an army of ten thousand men’...

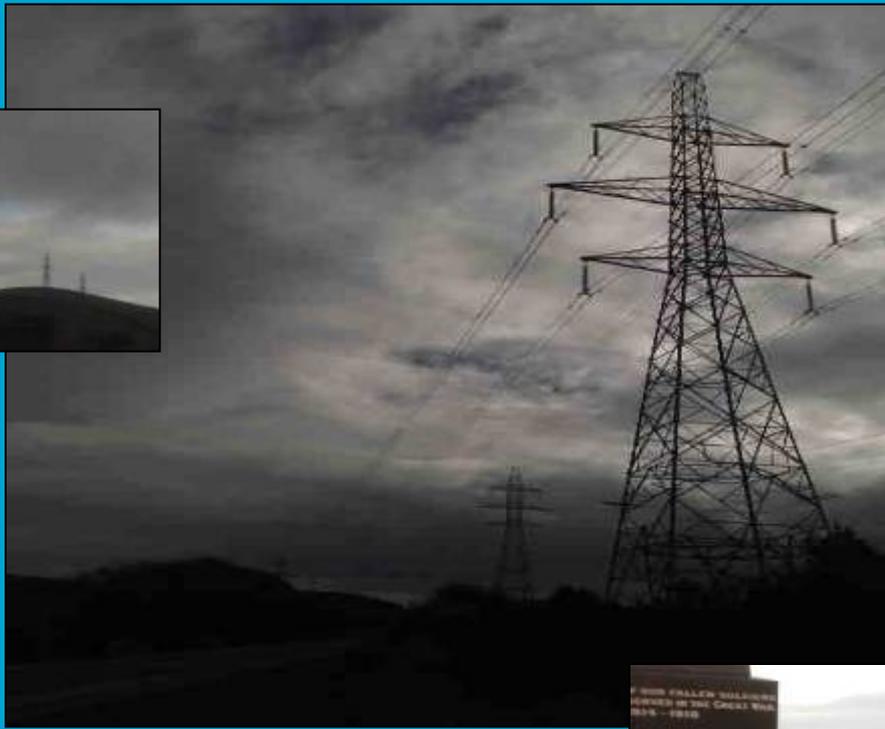
“We considered it very desirable, in a young country, that wealth should not be in the hands of a few capitalists...[who]... would leave the country, and enjoy elsewhere the wealth so accumulated.”

New Zealand Rural Urban Population Mix



Is this
a good
deal in

1908?
1958?
2008?
2058?



**New Zealand
needs a
'National Strategy'
to optimise our
future,
to align our industry,
to reinforce our
national brand and
to be an example of
what is possible**

The background consists of a 3x4 grid of colored squares. The colors are arranged in a repeating pattern: the first column contains a light green square, a blue square, and an orange square; the second column contains a blue square, a light green square, and a dark blue square; the third column contains an orange square, a dark blue square, and a light green square; and the fourth column contains a dark blue square, an orange square, and a blue square.

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