Surprises Ahead!

Exploring Some Assumptions of 21st Century Food Production

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This Conference

- > What used to work, is no longer adequate
- Trade patterns have changed significantly
- > The major loser from bio-fuels is livestock
- > We must be flexible
- Poultry is winning the fight for "stomach share"
- Australia will be hotter and dryer... what about here?
- We live in interesting times
- Take a partnership/cooperative approach
- Step back from the minutia
- Coordinate to cooperate
- Heavy capitalization needed
- Vertical alignment required
- Differentiate or perish
- It is a paradigm change
- A very scary time
- Provenance of food
- Underlying philosophy needs to change

Themes in Our Lives

- We are pressured to overwhelmed
 - Global competition
 - Food quality and safety
 - Conflicting claims on the land
 - Sustainability demands
 - Promising new technologies
 - ✓ Pride in our past
 - Paradigm changes



'The trouble with people is not that they don't know, but that they know so much that ain't so.'

Josh Billings

"Learning is not required, neither is survival"

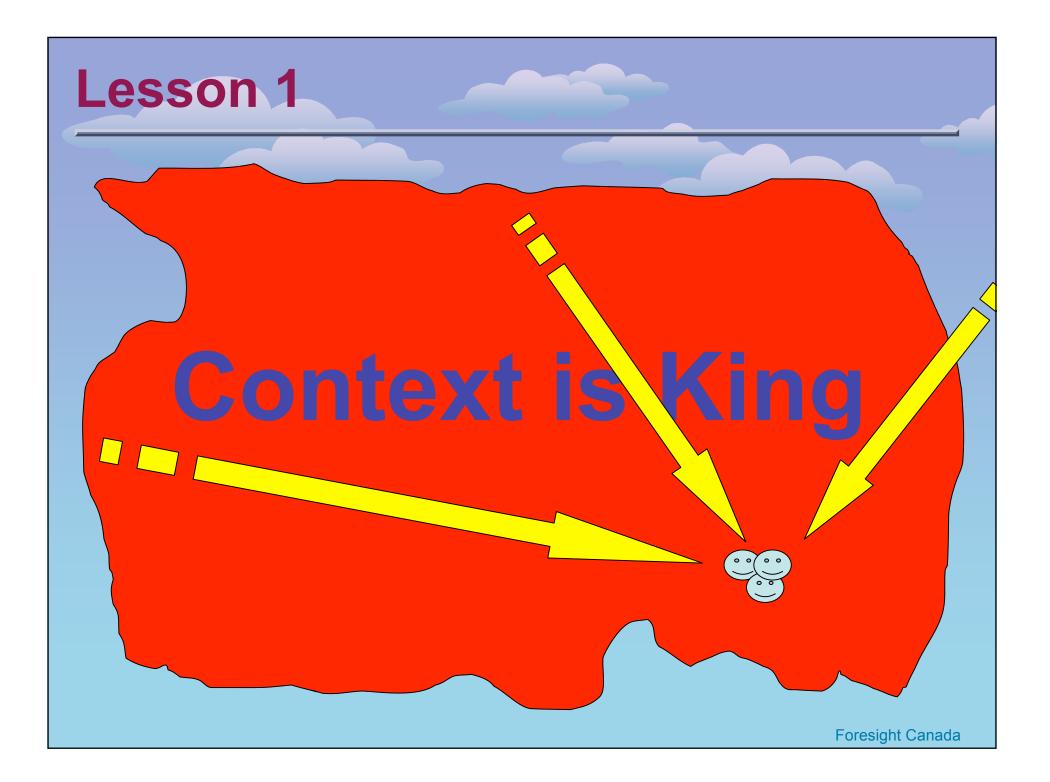
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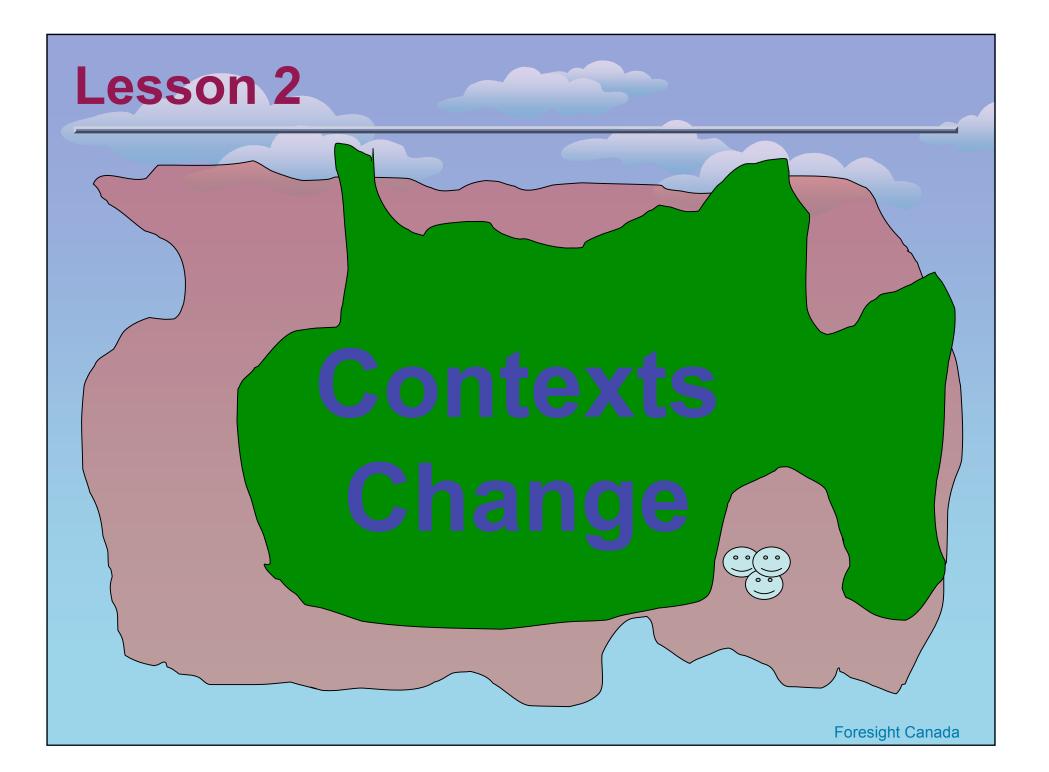
Premise

What we think and assume about the present and the future really matters.

AND

It is hard to make sense of it all.







Adaptability is required

"It is not the strongest of the species that survives, nor the most intelligent, but the ones most responsive to change."

Charles Darwin

Lesson 4: What We Do, Matters

Our world confronts rapid and potentially profound transitions...

It is increasingly clear that today's decisions could play a decisive role in determining whether the 21st Century offers peace and prosperity or crisis and collapse.

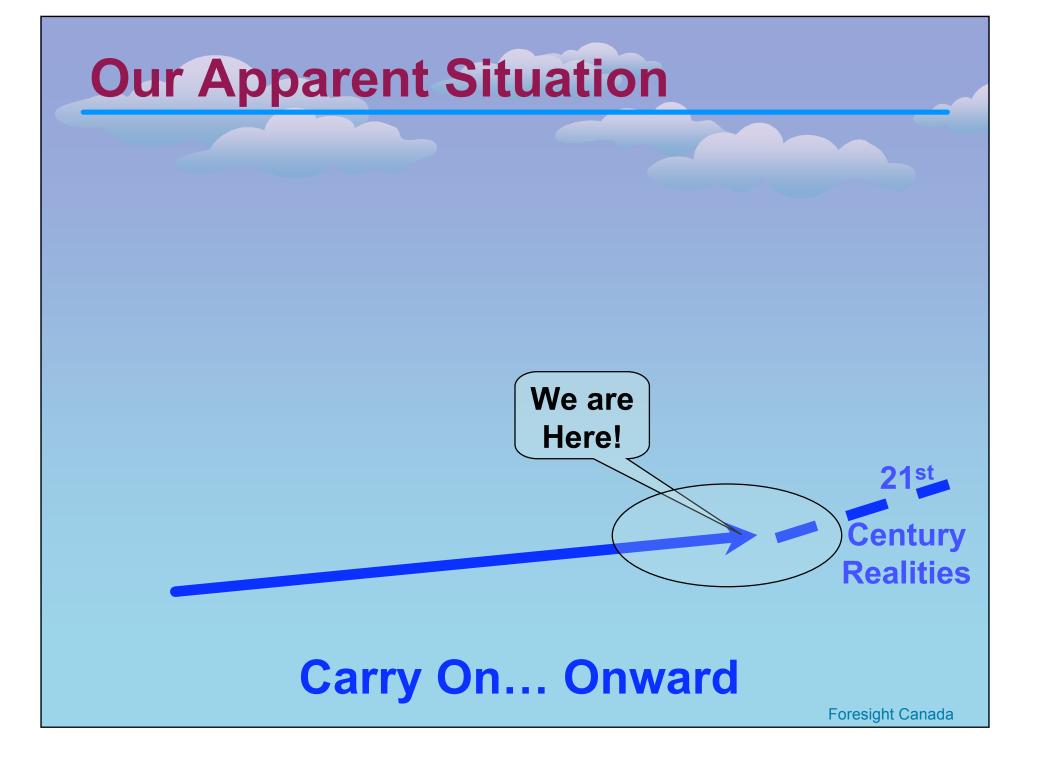
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Lesson 5: We Create Our Future

The future is not some place we are going, but one we are creating.

The paths to it are not found but made, and the activity of making them changes both the maker and the destination.

> John Schaar Richard Nixon's White House Science Advisor



Our Taken-for-granted World

Today's business executives have lived, matured, and succeeded in a world in which the business corporation has been essentially unchallenged – except by other business corporations.

COMPETITIVENESS has been the theme.

The Enlightened Corporation

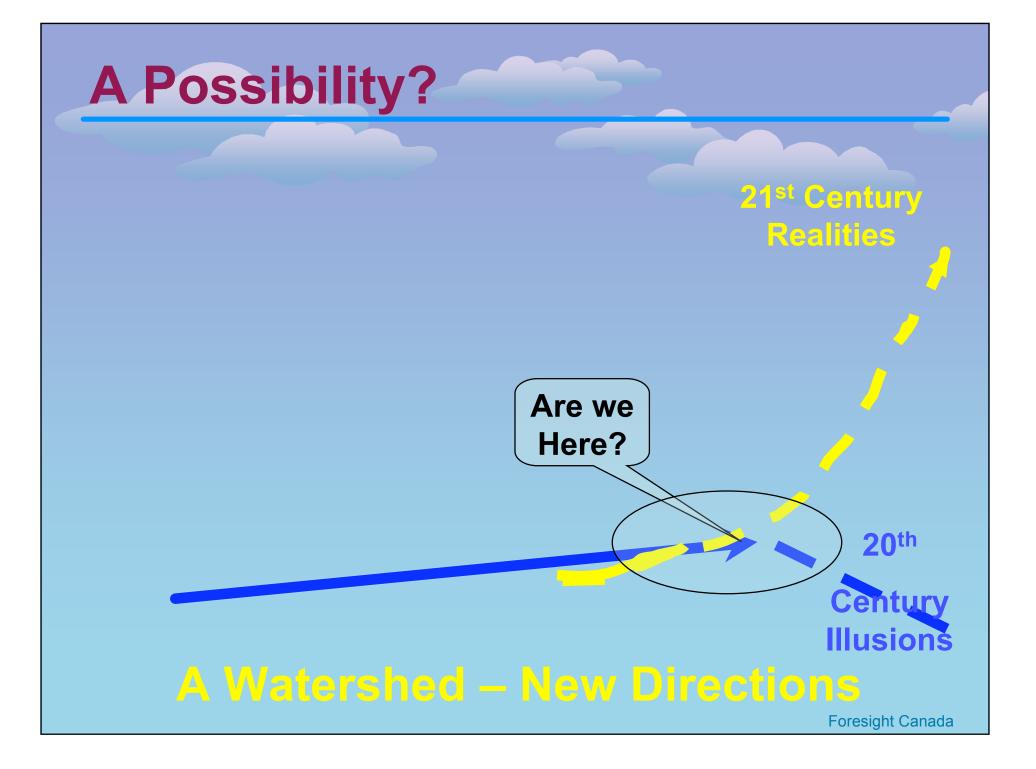
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A "New" Normal?

What might happen if, in the coming decades, it's less about competitiveness and more about adaptive-ness – the ability to adapt to quite fundamental shifts in the social environment in which the corporations are working?

What challenges does that present?

The Enlightened Corporation IFF



Really **BIG** Danger

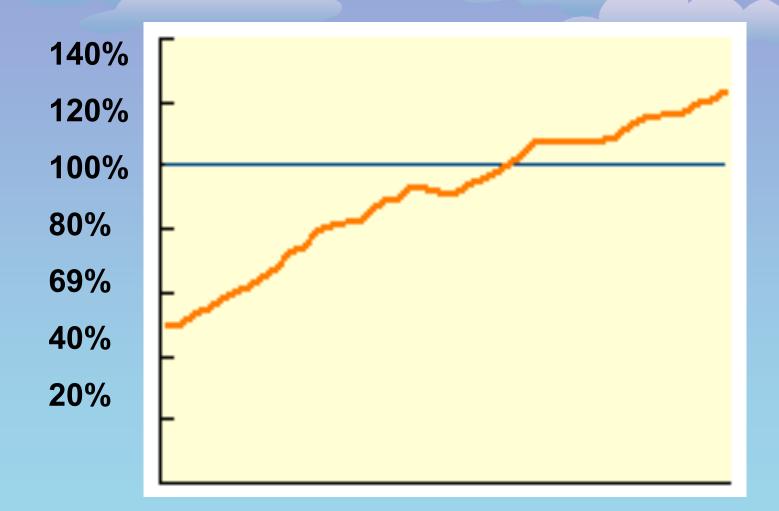
Overshoot

Overshoot

Continuing behaviours that have been successful, long after the conditions that made them successful have evolved into a fundamentally new state

"Onward" or "Pioneering Again"

An Example of Overshoot



The Human Ecological Footprint 1961 to 2002

False Confidence is Common & Fatal

- **GM** from 1958 to Saturn to junk bonds
- NASA Columbia Inquiry
 "Myopic, over confident, self deceptive"
- FBI "did not respond or reorganize"
- NATO "peace dividend"
- Alberta NEP, BSE, Hyper Growth, Royalties

Fed by Our Expertise



"Experts consistently underestimate the likelihood that they will be surprised."

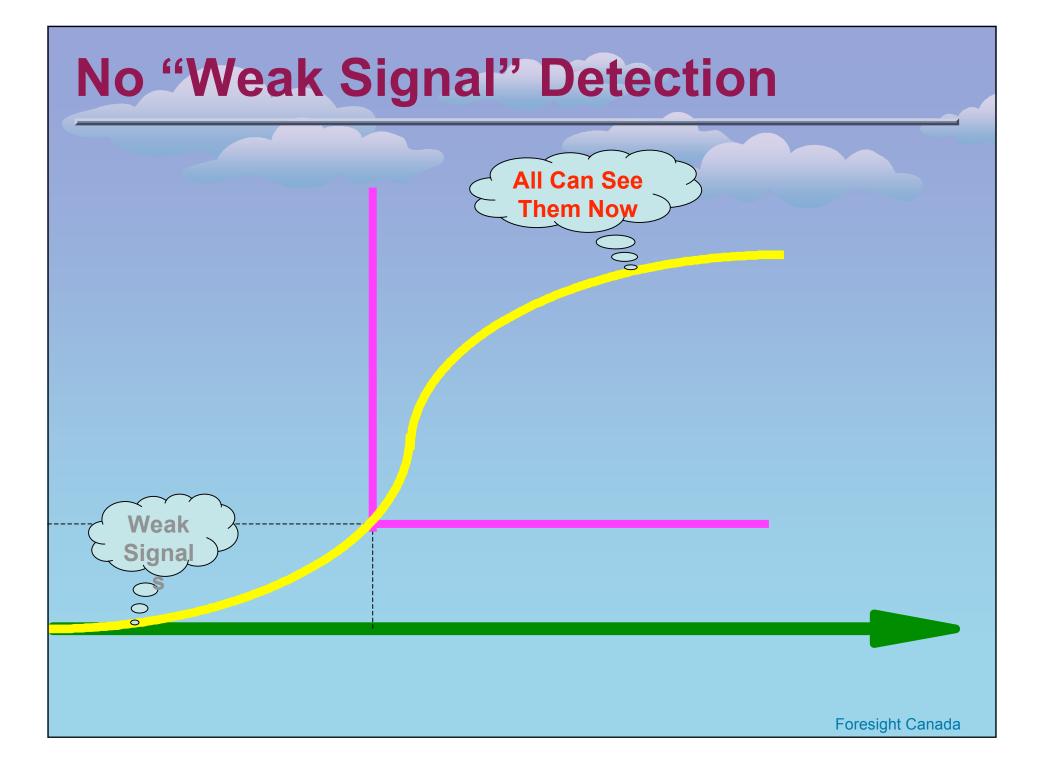
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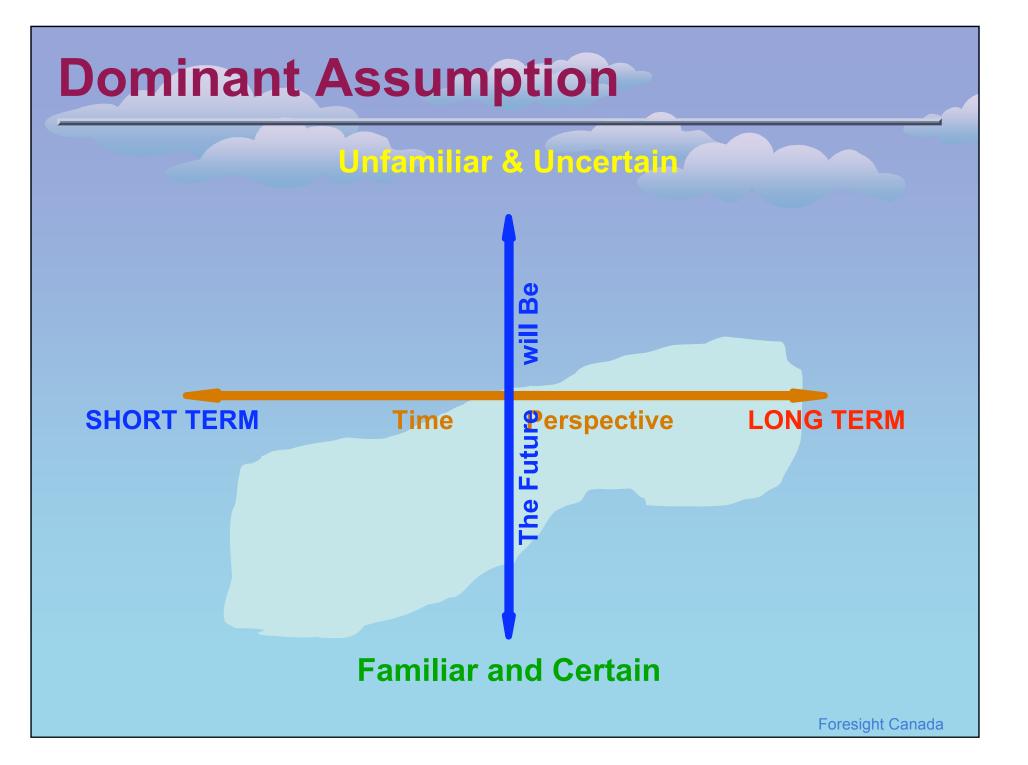


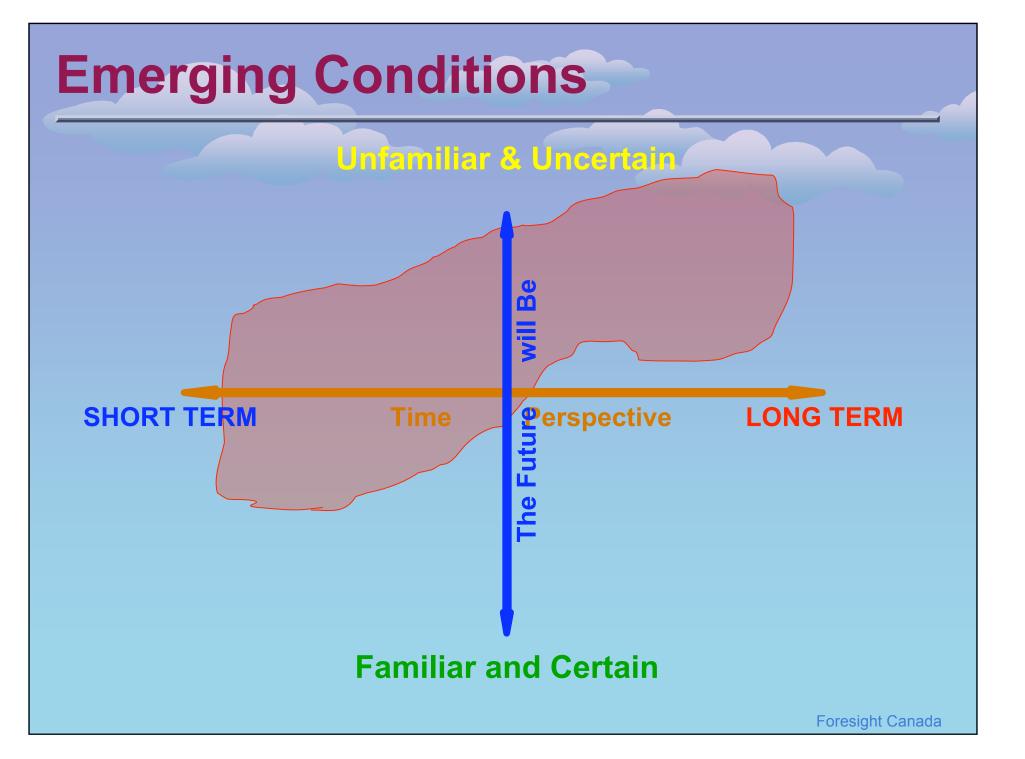
We No Longer Believe

The most important objective is not to WIN, but NOT to LOSE.

The core insight from game theory



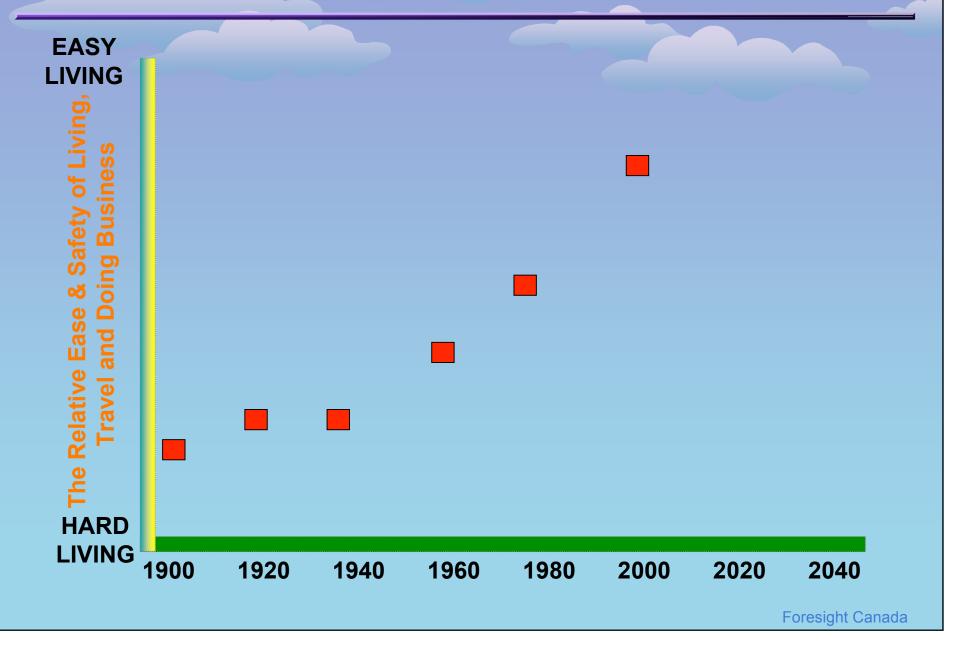


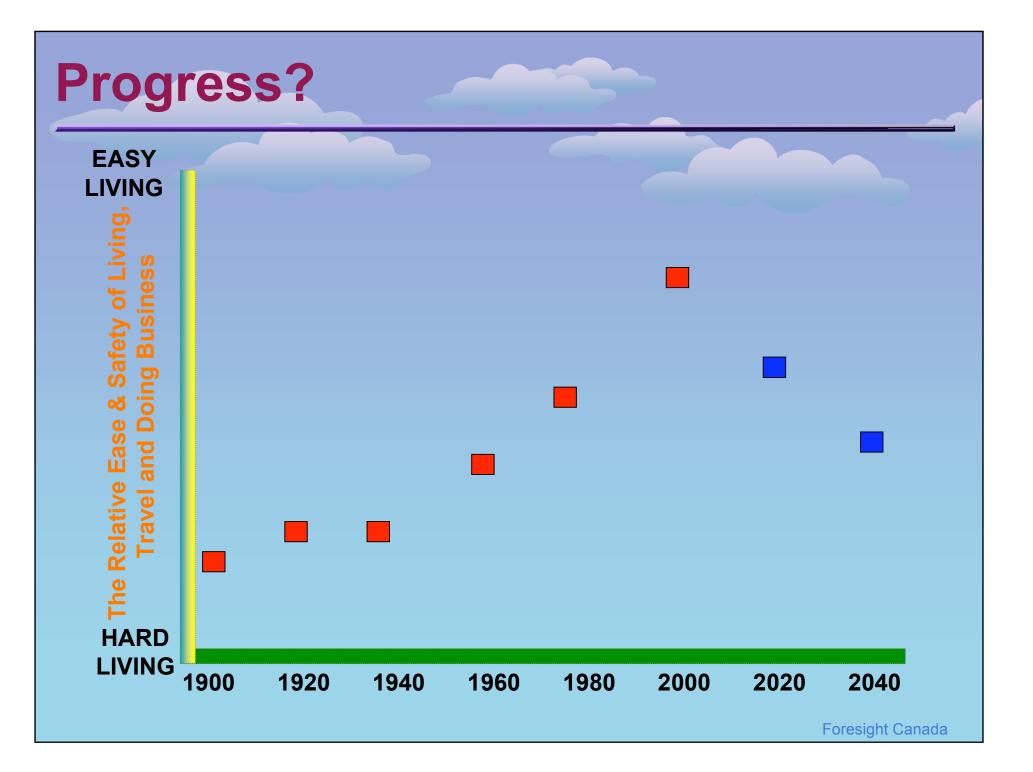


Sources of Uncertainty

- Population Stresses
- Energy Stresses
- Environmental Stresses
- Climate Change Stresses
- Cultural Stresses

Summary Image





Critical Uncertainties

Generosity of the Planet

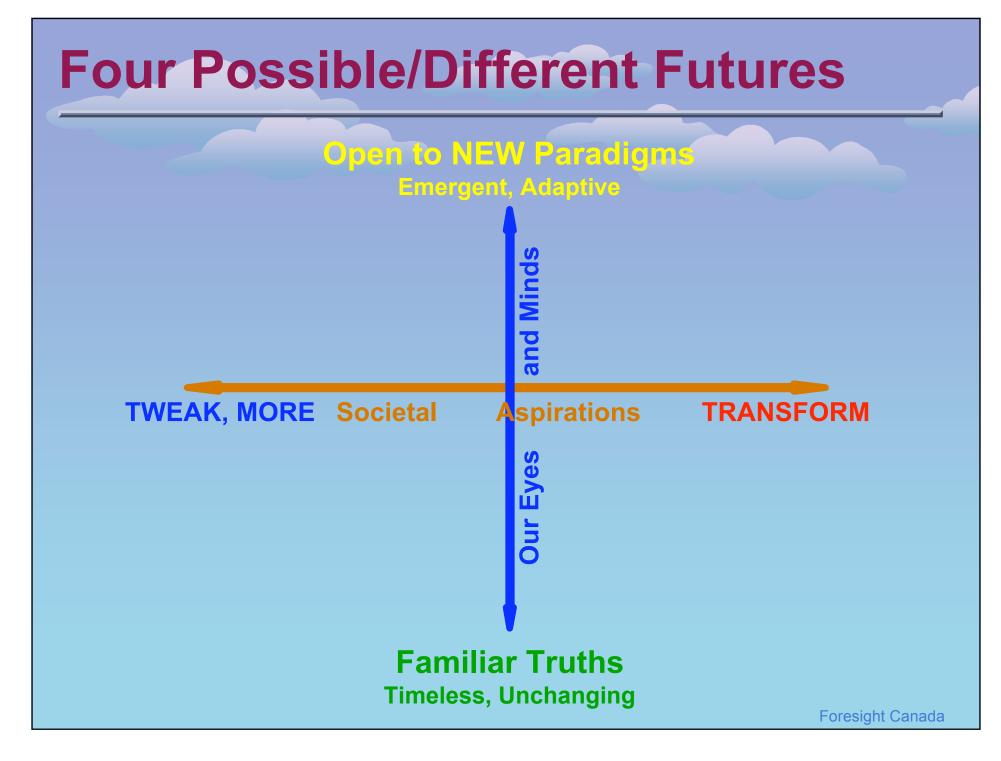
In Serious Decline Hot Age Limited Resources Environmental Refugees Not Yet Declining Not Yet Hot Enough For All Folks Stay Put

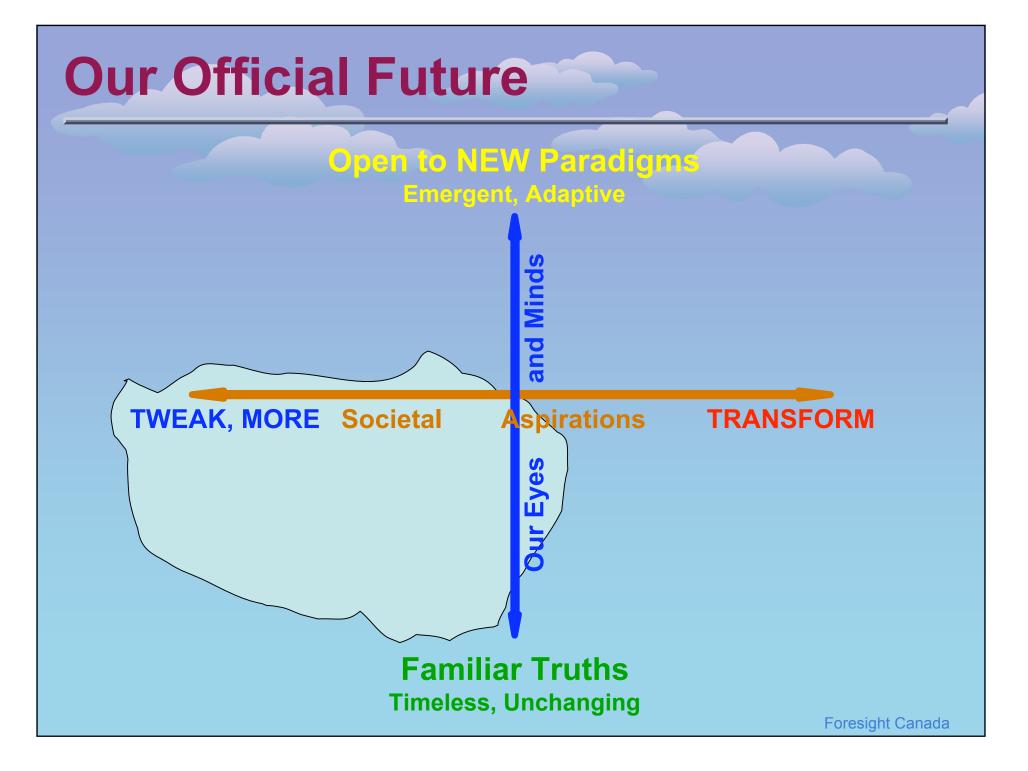
Critical Uncertainty 1

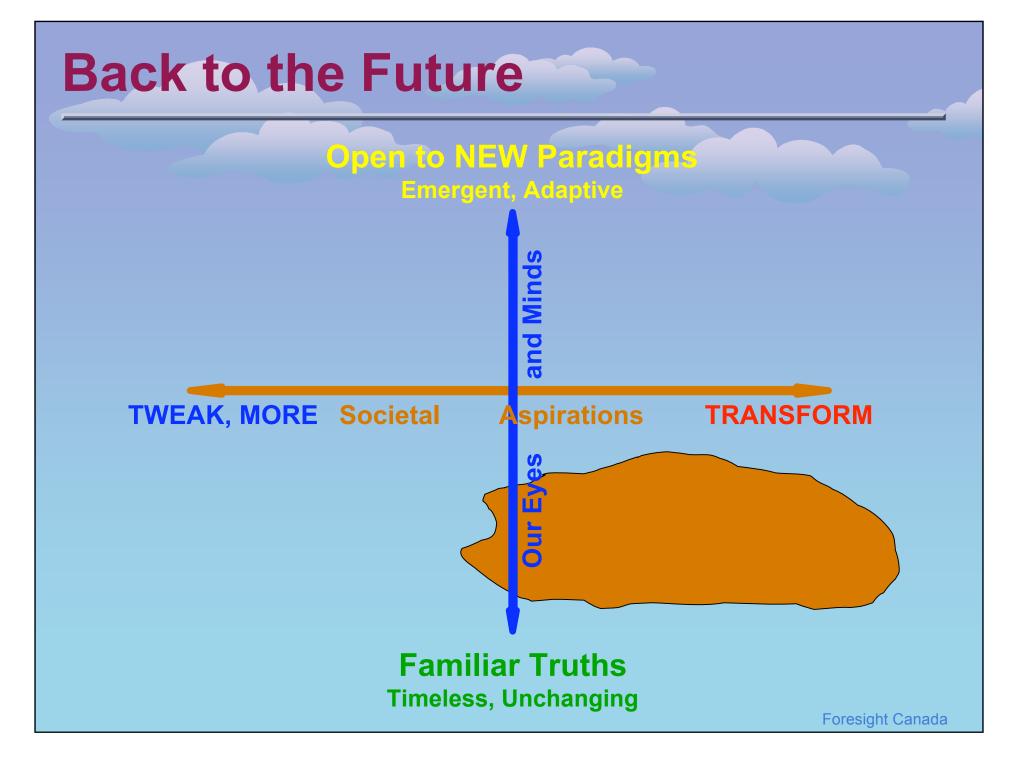
Our Eyes and Minds

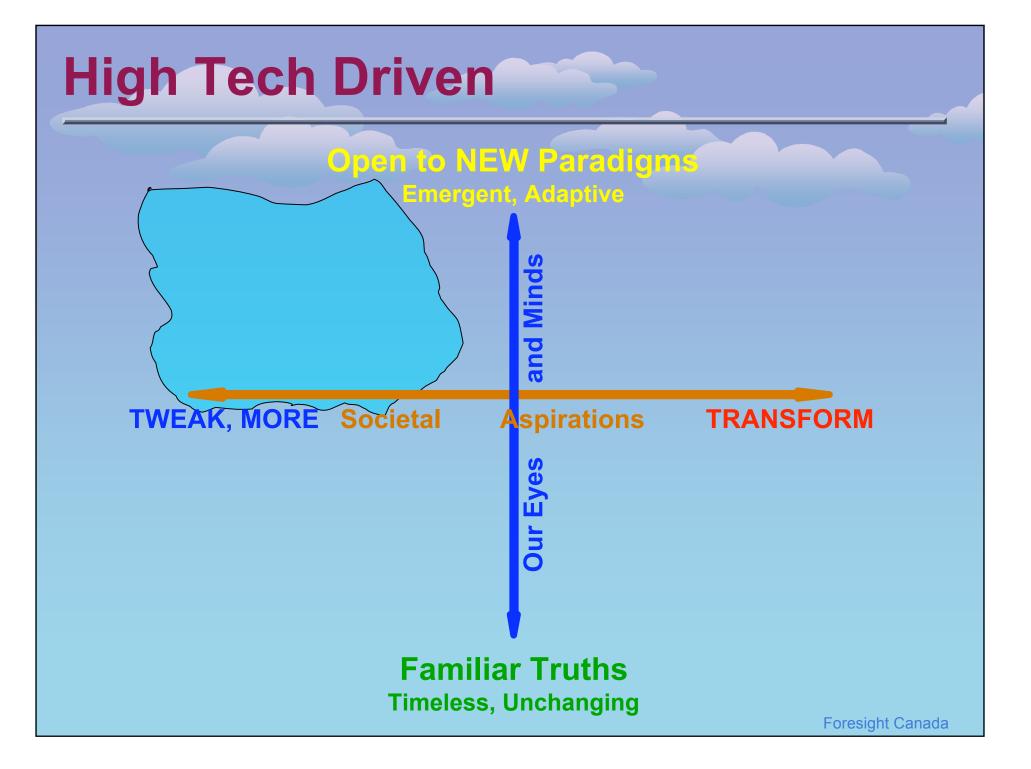
Inherited, Familiar Unchanging Truth Formal Authority Open to New Paradigms Emergent Truth Situational Authority

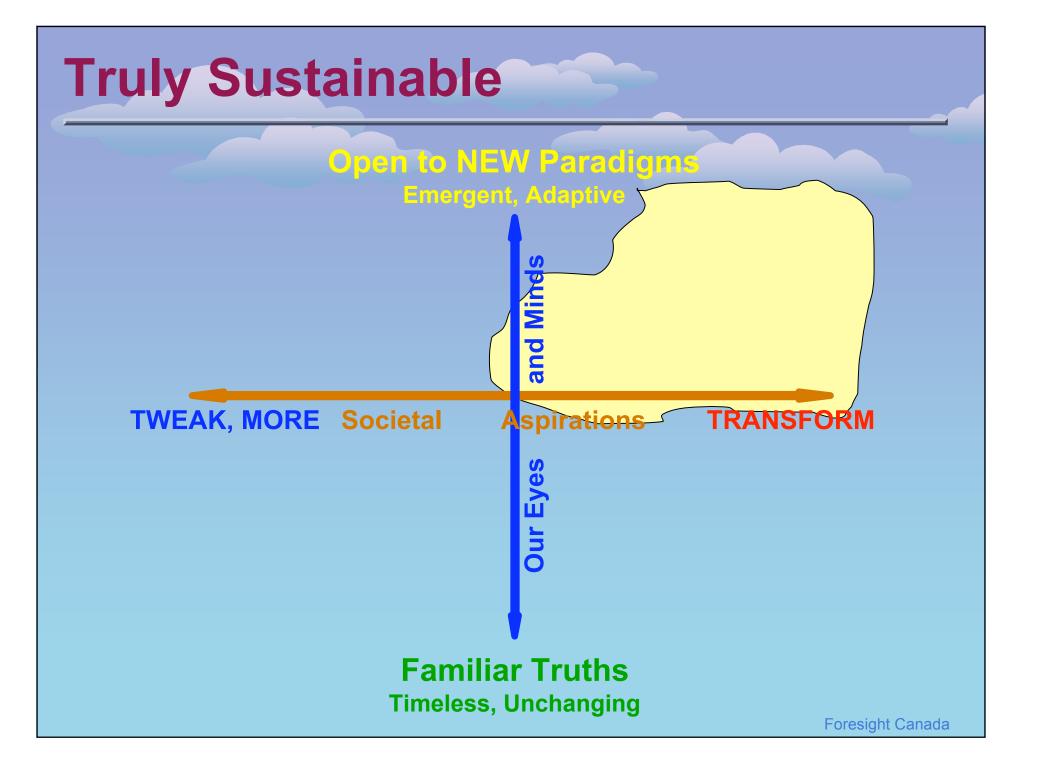


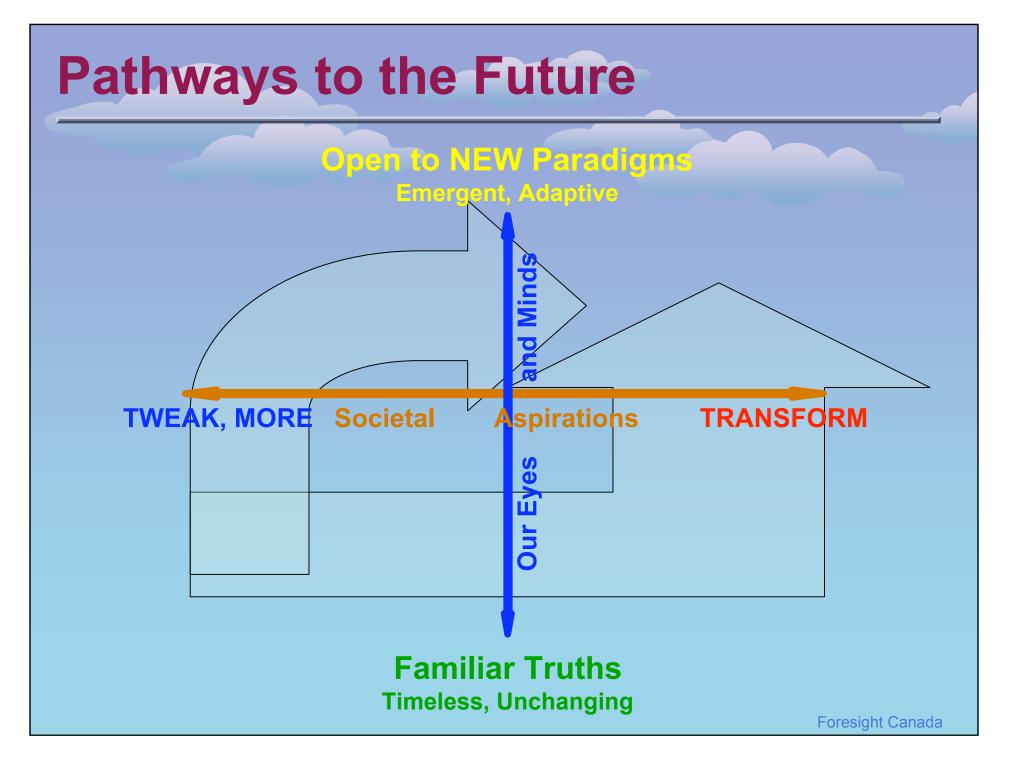












The Point of Foresight

To see, think through and respond to the FULL RANGE OF POSSIBILITIES hidden in the present.

Grounded Imagination is the Key

We believe the 9/11 attacks revealed four kinds of failures: in imagination, policy, capabilities, and management.

Imagination is not a gift usually associated with bureaucracies. It is therefore crucial to find a way of routinizing, even bureaucratising, the exercise of imagination.

Ways of doing business rooted in a different era are just not good enough. Americans should not settle for incremental, ad hoc adjustments to a system designed generations ago for a world that no longer exists.

9/11 Commission Report

Scale of the Challenge

- Canada has a great 20th Century culture
- And we still have a 20th Century dream

 And we already know the 21st Century will not be a replay... It will increasingly be off our familiar mental maps and business models

 So we need more folks committed to the work of co-creating the world's first society & economy that is truly aligned with the emerging character of the 21st Century

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- emerging character of the 21st Century

Inspiration

The biggest things are always the easiest to do because there is no competition.

William van Horne Canadian Industrialist 1843-1915

Over to YOU!

Our Future is in Our Hands, Mind and Heart

Thank You!

Contact Information

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