

NZ State Services Commission & ANZSOG present:

SOLVING COMPLEX PROBLEMS WELL

SPEAKER

Dr Nick Fleming

Director

Innergise Pty Ltd

LOCAL SPEAKER

John Mauro

Chief Sustainability Officer

Auckland Council

MODERATOR

Lou Lennane

Auckland Strategic Programme Lead,
Ministry of Transport

SLIDES FROM TODAY'S
PRESENTATION WILL BE
AVAILABLE ON THE ANZSOG
WEBSITE

Solving Complex Problems Well

ΛNZSOG





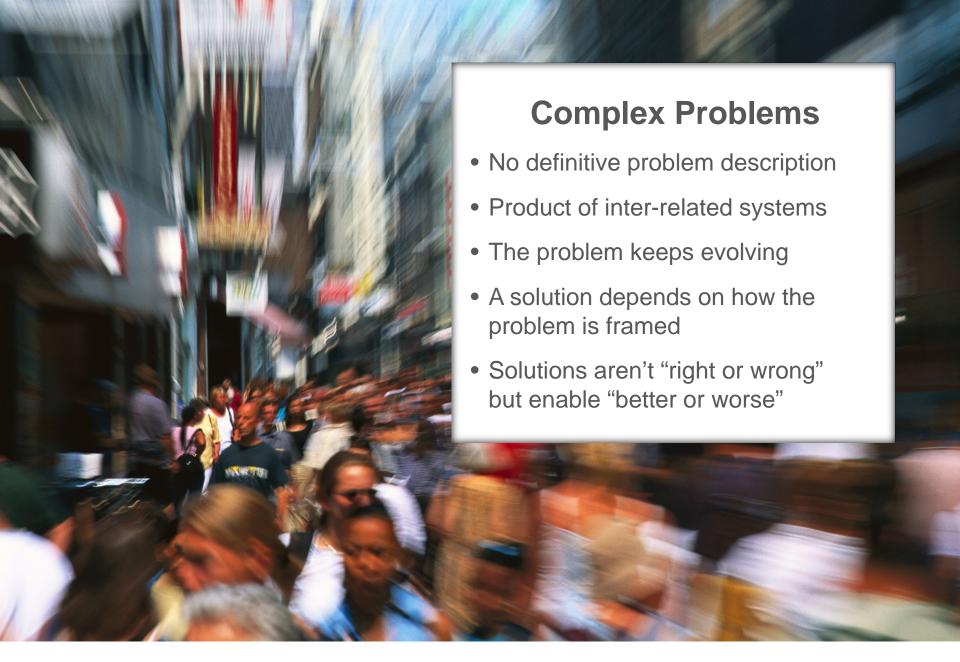
















ΛNZSOG



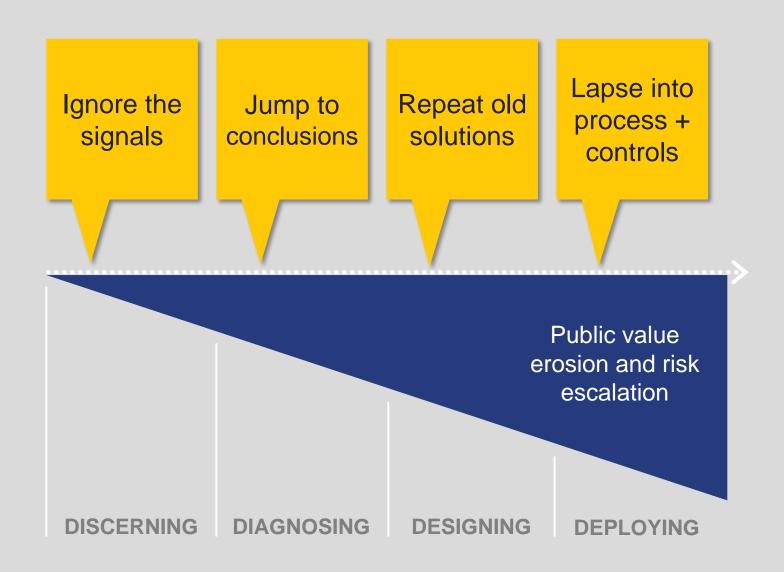


















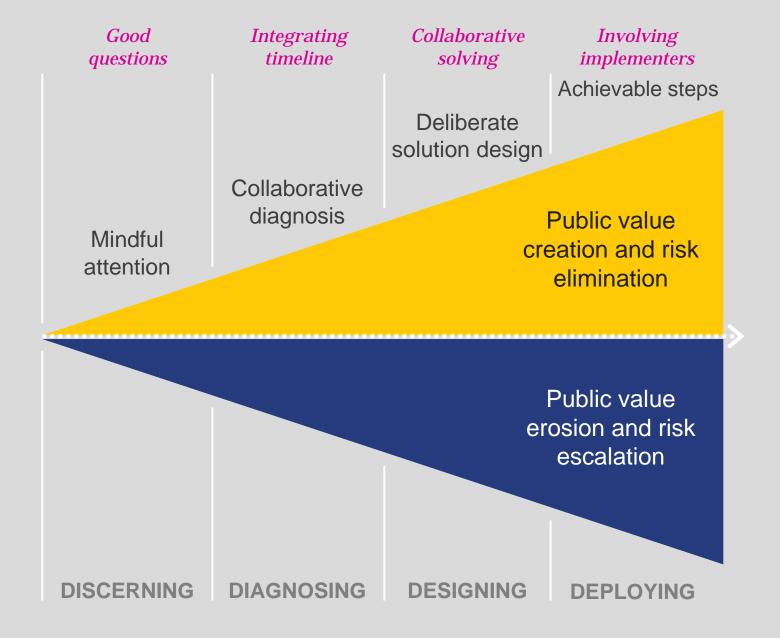


We're not taught to problem solve.

We don't get to the root causes of problems, which are often human not technical in nature.

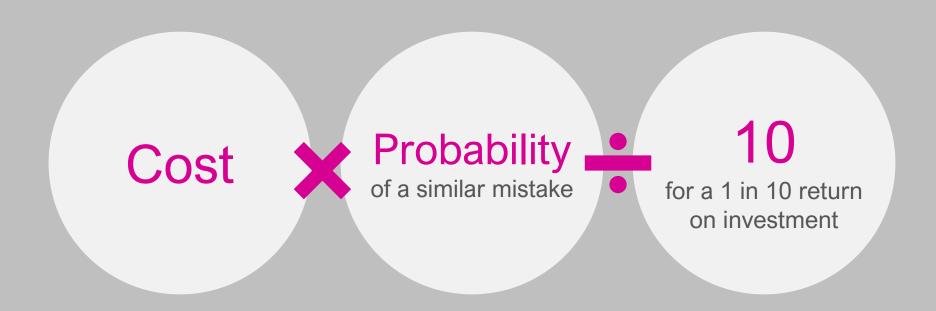








What's it worth investing?

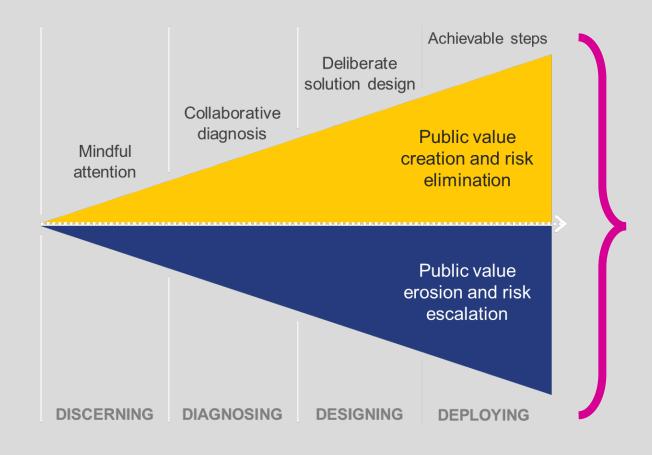








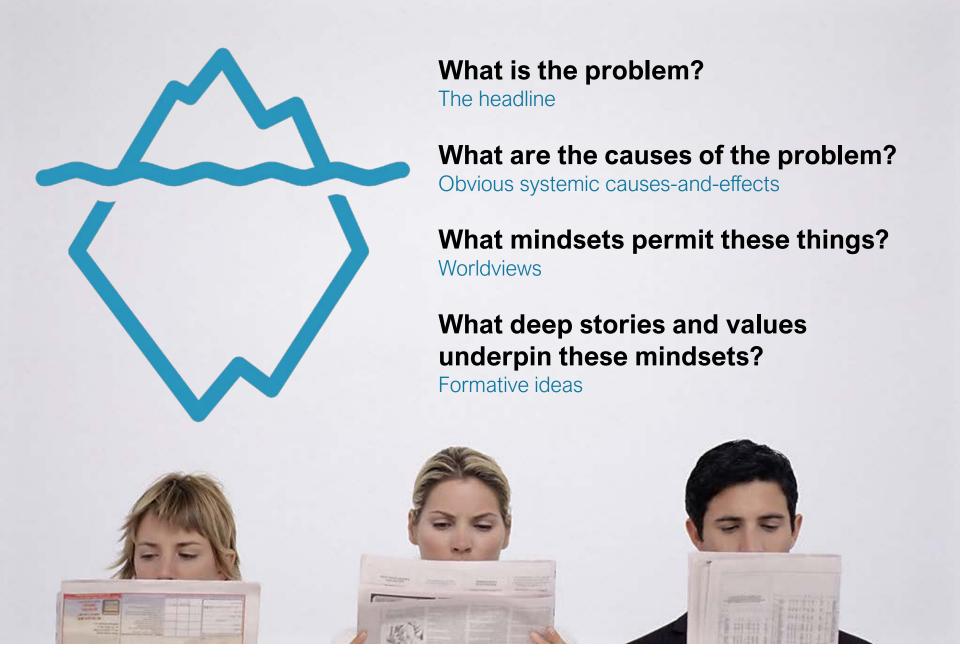




Dividend

- Saved effort
- Avoided risk
- Better-spent taxpayer dollars
- Repeatable practices
- Engaged latent energy + talent
- Career growth
- Renewed trust







THANK YOU

ANZSOG.EDU.AU

@ANZSOG



Dr Nick Fleming

innergise.com.au

in



What is the problem?

The headline

"Government is imposing it's green ideology."

What are the causes of the problem?

Obvious systemic causes-and-effects

Drought has fuelled the climate change and sustainability lobby. Government is fulfilling a policy promise to the urban latte lappers. Sustainability actions don't address our real (water supply) challenges.

What mindsets permit these things?

Worldviews

It's not right to be wasting public money.

It's not fair to impose urban whims on regional businesses.

Our business is about good engineering and sound financial management.

What deep stories and values underpin these mindsets?

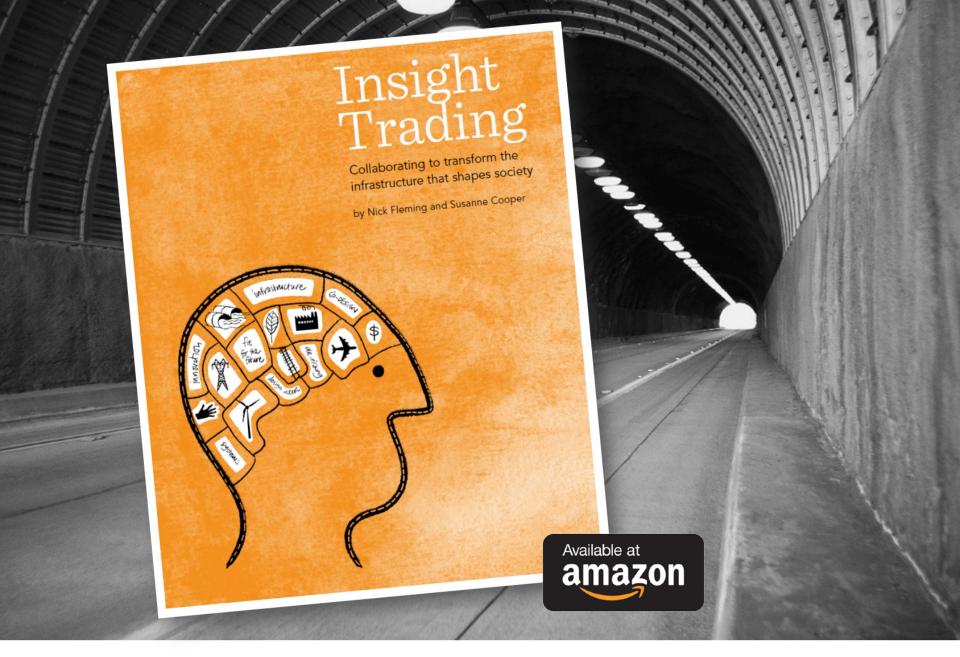
Formative ideas

"Government should be small, efficient and low taxing."

"It's all take and no give for regional communities."

"There are rules and standards that keep us on the right track."







Solving Complex Problems Well (A day in the life of a sustainability professional)



John Mauro
Chief Sustainability Officer
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ANZOG 24 July 2018



Overview

- Concepts
- Case study
- What success looks and feels like
- Practicum



- What <u>invisible</u> force affects us all?
- What's an <u>inescapable</u> truth over the past and coming century?
- What may be the single greatest <u>intractable</u> problem ever facing collective humanity?





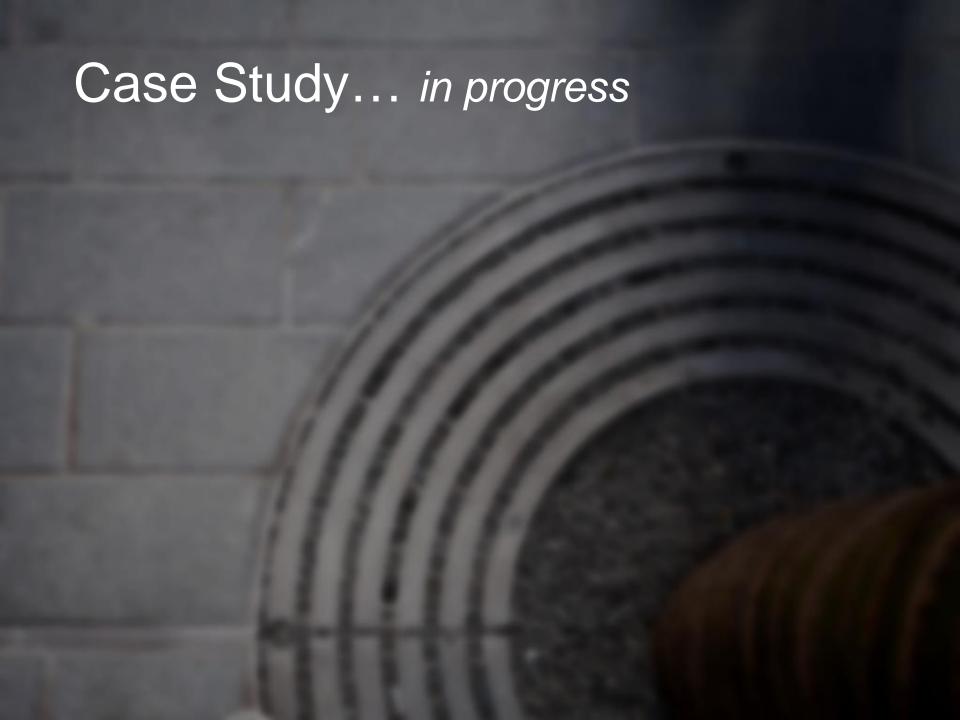






Concepts: How to Win

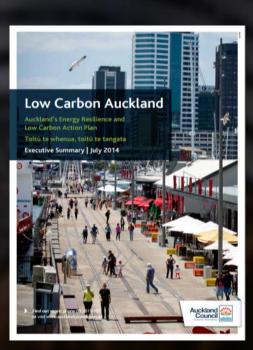
- 1. Learn from mistakes
- 2. Listen and dive deeply into problems as systems
- 3. Create urgency and buy-in
- 4. Commit together to direction, vision
- 5. Connect to values, speak people's language
- 6. Exhibit guts + savvy with tactical wins
- 7. Anchor, embed, hold accountable
- 8. Iterate and have fun



Learn from mistakes







Listen and dive deeply into problems as systems



Create urgency and buy-in

How will Auckland's climate change?



INCREASING TEMPERATURES

The average annual temperature in Auckland has increased by about 1.6 °C over the past century and is expected to increase through the 21st century.



INCREASE IN EXTREME WEATHER

Seasonal rainfall patterns will change with wetter autumns and drier springs. Increasing extreme rainfall intensity is likely because warmer air holds more moisture.



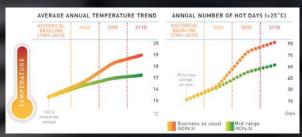
INCREASING CHANCE OF DROUGHT

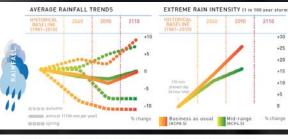
Longer dry spells will mean increased potential for drought conditions. Moisture in our soil is expected to decline due to increased evaporation and changing rainfall patterns.

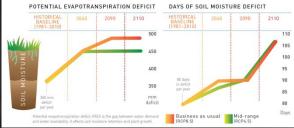


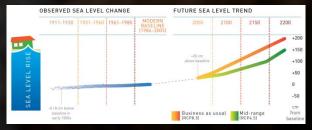
SEA LEVEL RISE & OCEANIC CHANGE

Sea levels around Auckland have risen. This is expected to continue and potentially accelerate.









Commit together to direction, vision









Connect to values, speak people's language



Exhibit guts + savvy with tactical wins

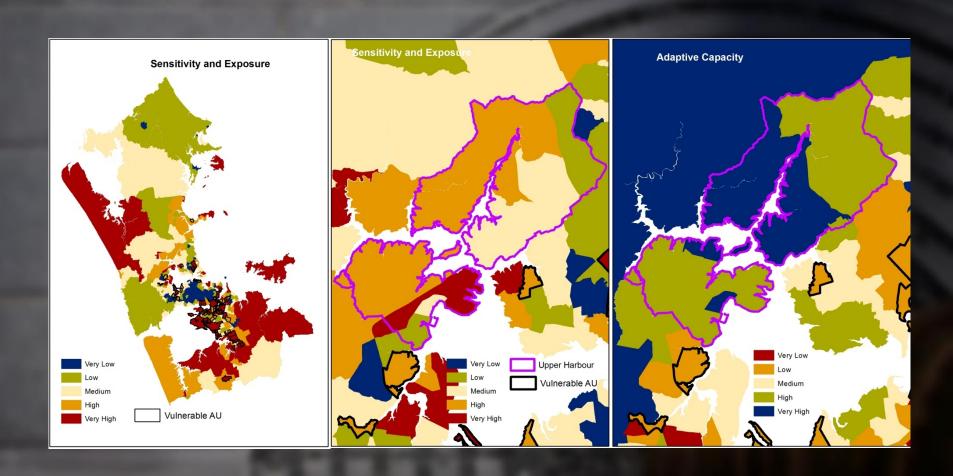


Auckland Council to launch \$200 million green bond offer to fund electric trains

12 Jun, 2018 10:44am © 2 minutes to read



Anchor, embed, hold accountable



Iterate and have fun



Ideas Hub

About

Challenges

Blog

Toolkit

Innovation Ambassadors

Surve

The **Ideas**

Hub



The Auckland Council is New Zealand's largest community.

We believe there are some awesome ideas, or the spark of them, that never get heard. The Ideas Hub is a place for you to come share and develop ideas with colleagues in







What Success Looks and Feels Like



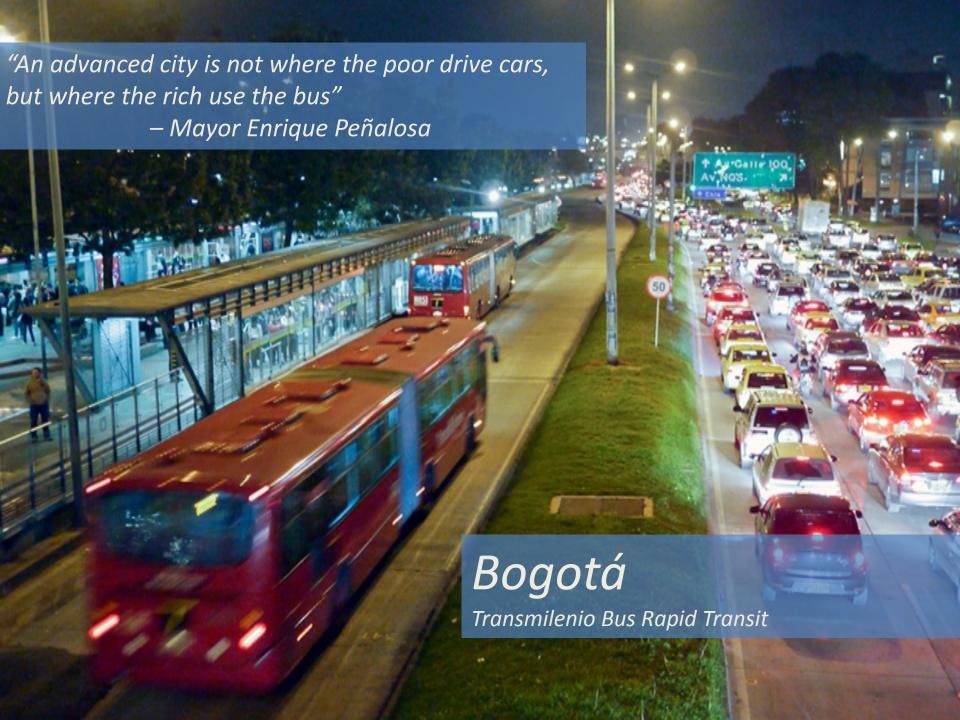
































Rotterdam

Accelerating the circular economy



Practicum

Who's in?

Jan - May 2018

Jun - Jul 2018

Jul-Sep 2018

ClimateAKL.nz #ClimateAKL

Oct 2018 - Mar 2019

Apr 2019







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Upcoming Thought Leadership Seminars

Swipe right to fix the world Speaker: Professor Beth Noveck	Auckland	1 August 2018
Teaching evidence-based policy to fly: transferring sound policies across the world Speaker: Professor Paul Cairney	Auckland	12 October 2018



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THANK YOU

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