

# Three Futures

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## Quick Intro and Sidenote

I normally talk about cybersecurity, & I am happy to take questions about it

I'm going to speak more generally on today's topic:

*"New Zealand being in the top 10 digital ready nations by 2030"*

Funny thing is, the same principles apply.

## Twenty Thirty?

Now -> 2030

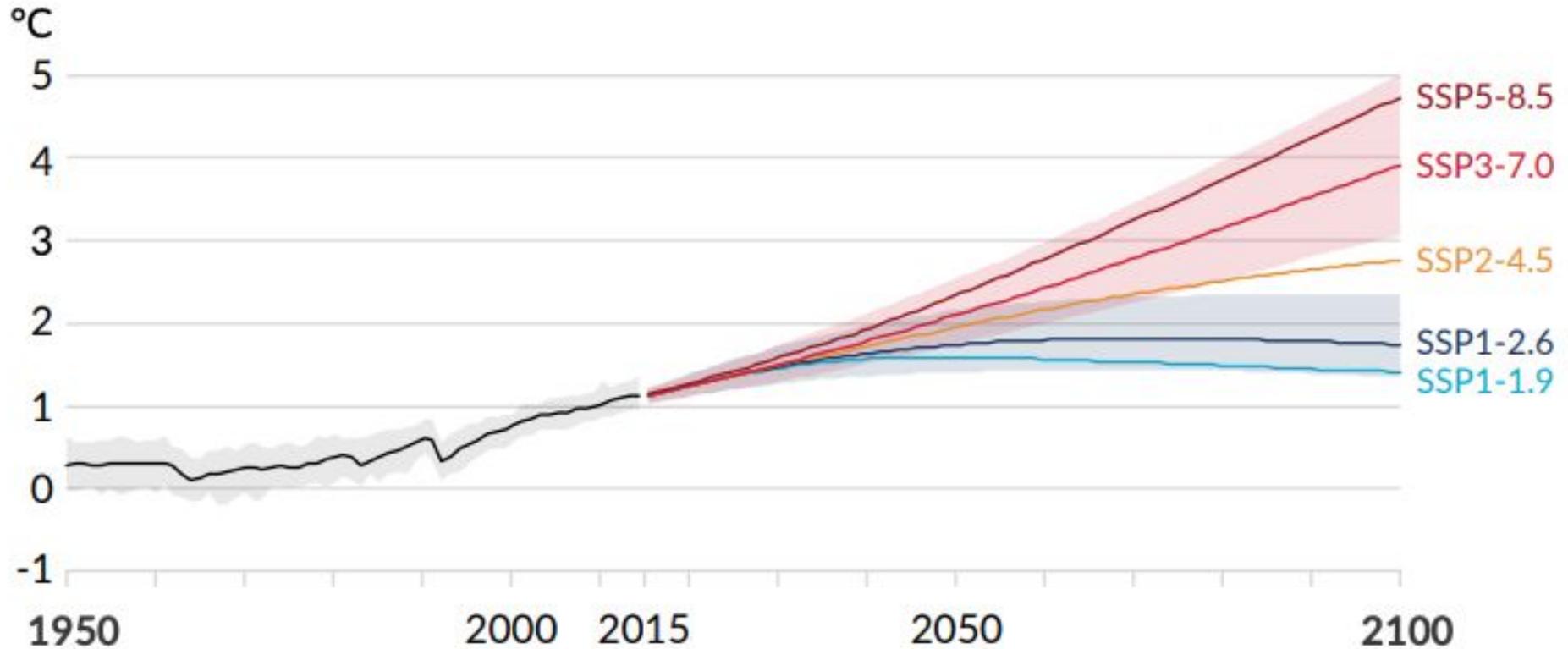
- 438 weeks
- 3066 days
- ~73,575 hours
- ~4,413,000 minutes
- ~264,050,000 seconds

Now ----> 2013

- March 20 Marmageddon Ends
- March 24 - Netflix Launches in NZ
- 3 Months Before the Snowden Revelations
- "twerk" and "selfie" were added to the dictionary
- Candy Crush the most popular facebook game

# Background: There's not just one possible future

## a) Global surface temperature change relative to 1850-1900



SSPX: Shared Socio-economic Pathway [number]

## Background: Top Ten Digital Ready Nation?

Success is not always zero sum

We can all succeed

What we measure matters

#13



Rank	Team/NOC	1	2	3	Total	Rank by Total
1	United States of America	39	41	33	113	1
2	People's Republic of China	38	32	18	88	2
3	Japan	27	14	17	58	5
4	Great Britain	22	21	22	65	4
5	ROC	20	28	23	71	3
6	Australia	17	7	22	46	6
7	Netherlands	10	12	14	36	9
8	France	10	12	11	33	10
9	Germany	10	11	16	37	8
10	Italy	10	10	20	40	7
11	Canada	7	6	11	24	11
12	Brazil	7	6	8	21	12
13	New Zealand	7	6	7	20	13
14	Cuba	7	3	5	15	18
15	Hungary	6	7	7	20	13

## ...Our vision of New Zealand being in the top 10 digital ready nations by 2030.

- What will that look like?
- How do we get there?
- How do we harness the momentum for digitalisation?
- What can we all do to achieve the kinds of things we want for New Zealand?
- And how can we make sure no one is left out or left behind?

# Three Futures

## **Successful Failure #1**

Defining Tomorrow's Success by Today's Needs

## **Failed Success #2**

Tomorrow's Success not shared

## **Successful Success**

Winning on our own terms, to the envy of all

# #1 - Successful Failure - Defining Tomorrow's Success by Today's Needs

We make the podium of today, but the podium has moved on and up

- This is a key risk in education systems that focus on specific technical skills
- It's also a risk to strategic investment

...but...

It's easy to be  
prepared and yet not  
ready

Question: are you better off  
a) prepared and not ready,  
b) ready and not prepared?



# #1 - Successful Failure - Defining Tomorrow's Success by Today's Needs

We make the podium of today, but the podium has moved on and up

- This is a key risk in education systems that focus on specific technical skills
- It's also a risk to strategic investment

...but... you can easily be prepared without being ready

**"Preparation"** is about having the tools needed

**"Readiness"** is around your ability to deal with what comes at you

Let's get ready for the future we can't prepare for, or even imagine.

## #1 - Successful Failure - Defining Tomorrow's Success by Today's Needs

Today's Future Will Not be Tomorrow's Past

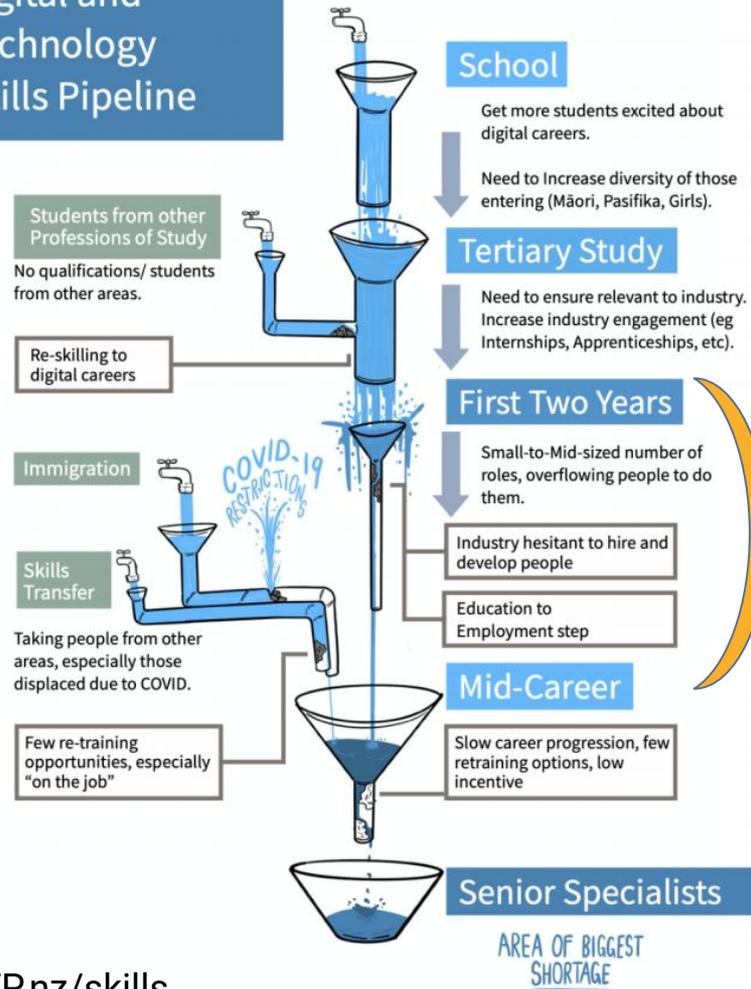
## #2 - Failed Success - Inequitable Success

We need to find ways to support those who have great outcomes. We can probably get into the top ten by backing a few large scale winners

But, we can't over-index on them, or:

- We risk concentrating talent in those who can afford to pay premiums
- We leave millions behind unable to get a foot in the door
- We cut off our further success (We already have this dynamic in high tech skills)

### Digital and Technology Skills Pipeline



## #2 - Failed Success - Inequitable Success

Digital and  
Technology  
Skills Pipeline



School

Get more students excited about



STUDENT APPLICATIONS	PROSPECTS SELECTED
58	—

This job is published and is visible to students.

### Cyber Security Intern at Trade Me

Trade Me serves millions of customers across New Zealand, Security team supports the security and compliance of one of our largest customers and help us aim for safety at speed (and not just on the road).

As a Cyber Security Intern on the security team, you'll work with our security team to help protect our customers and our business.

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## #2 - Failed Success - Inequitable Success

We need to support the potential for future success, not fall into the trap of supporting those already successful

## #3 - Successful Success - Winning on our own terms, to the envy of all

We run our own race, and the others have to catch up (See some of Lisa Carrington's wins)

We are **ready** to respond to the opportunity

We are **prepared** with the tools to respond

We are **growing** at home, so we can lead internationally.

We build on our unique advantages, accounting for our disadvantages, to lay the foundation for success

People are grown before we need them, rather than trying to find them after the storm hits

### #3 - Successful Success - Winning on our own terms, to the envy of all

Competition is a proxy measure, not a goal  
I want Aotearoa to be the top digital nation for  
those who live, work, and play here.

We can be, if we're ready, prepared, and share  
the success to reinvest

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