

# A Seismic Odyssey

Challenges for  
modelling  
potential  
outcomes and  
futures we can  
only imagine.

*Erica Seville*

Resilient  
ORGANISATIONS 

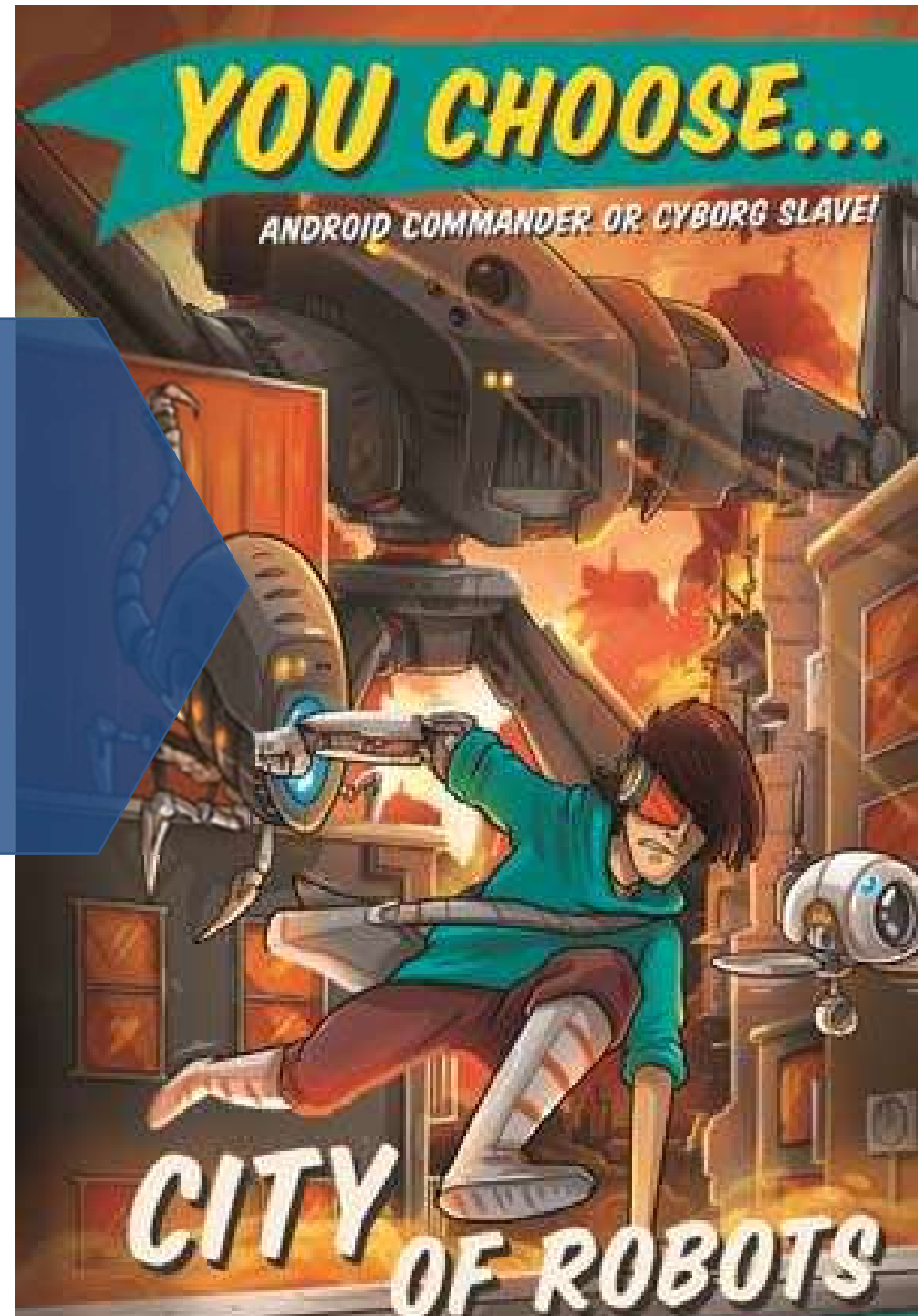


QuakeCoRE  
NZ Centre for Earthquake Resilience

Modelling Wellington  
after the quake



Single starting point,  
but many different  
potential endings.



# Wellington post-quake



Adaptive  
world



Hostile  
world



Apocalyptic  
world

At what point  
will people  
want to  
leave?

What is  
needed to  
enable  
businesses to  
*stay*?

BUILDING  
CLOSED

Earthquake Damage

E ENSURE  
CLOSES  
ND YOU

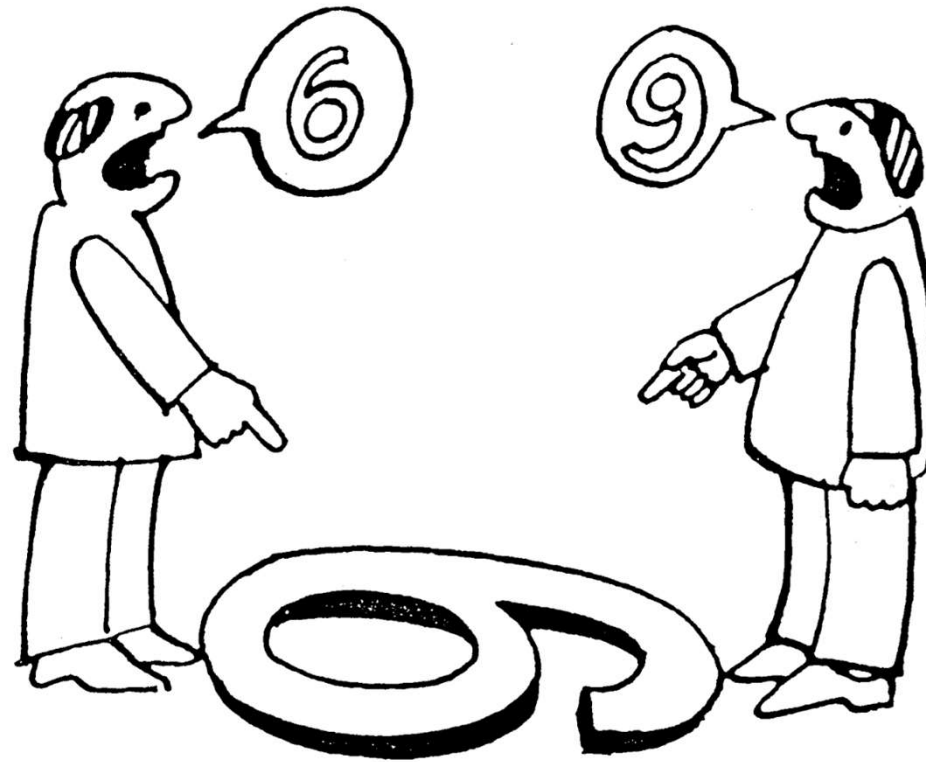
Predictions:  
modelling in  
2040



# 1

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Approaching  
the challenge  
from  
different  
directions





# 2

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Engaging  
people into  
the  
modelling  
process



**better together**

# 3

Reaching  
across  
disciplines  
to tell  
better  
stories



# 4

Modelling  
that  
reflects  
the  
future,  
not just  
the past



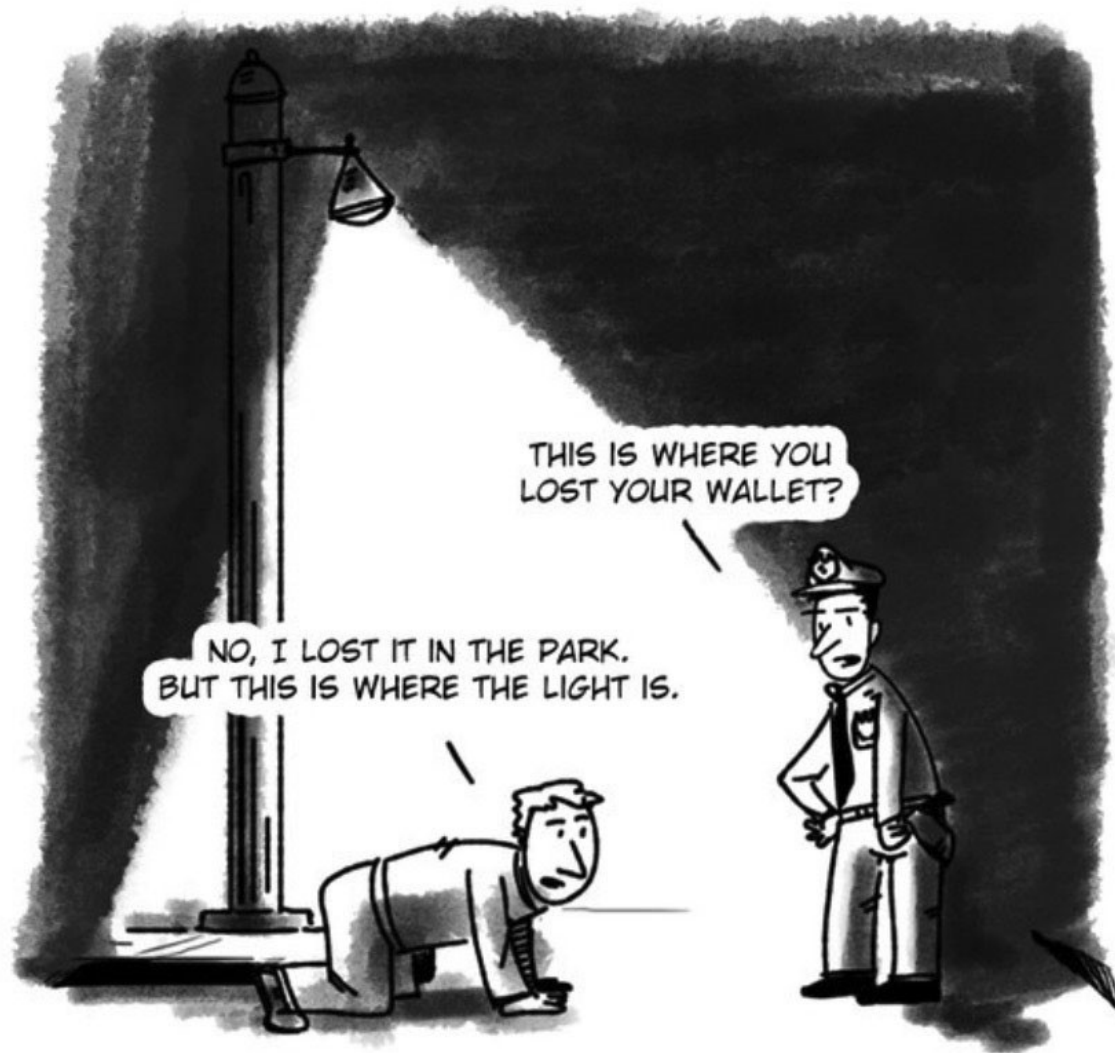
*We always overestimate the change  
that will occur in the next two years  
and underestimate the change that  
will occur in the next ten.*

*Don't let yourself be lulled into inaction.*

*-Bill Gates-*

This is a  
**long**  
journey.





THIS IS WHERE YOU  
LOST YOUR WALLET?

NO, I LOST IT IN THE PARK.  
BUT THIS IS WHERE THE LIGHT IS.



Interested in  
finding out more?

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