

Navigating the Future

Rips, rollercoasters and reality

Dr Cheryl Doig – Think Beyond





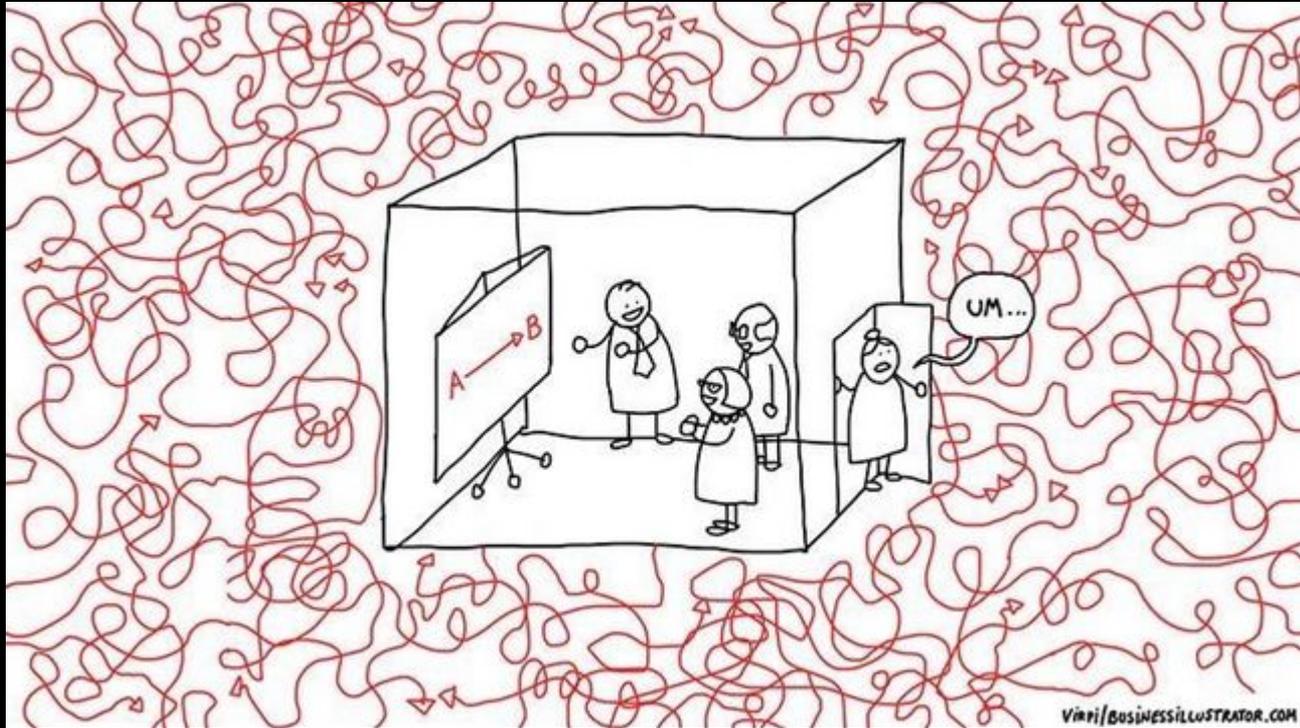


© shellee evans



Grow
Waitaha





KEY DRIVERS

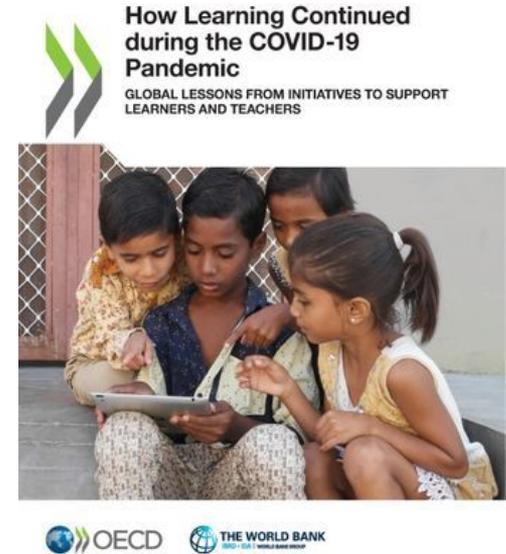
Climate

Conflict

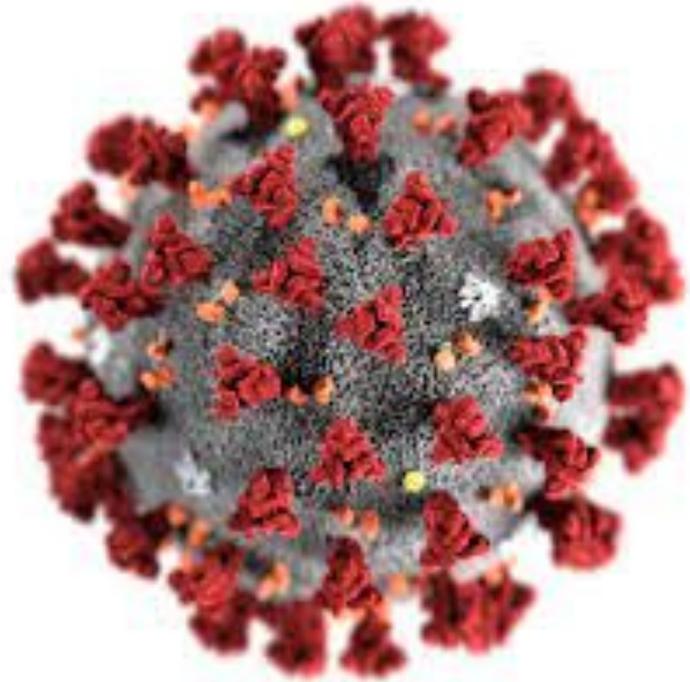
Contagion

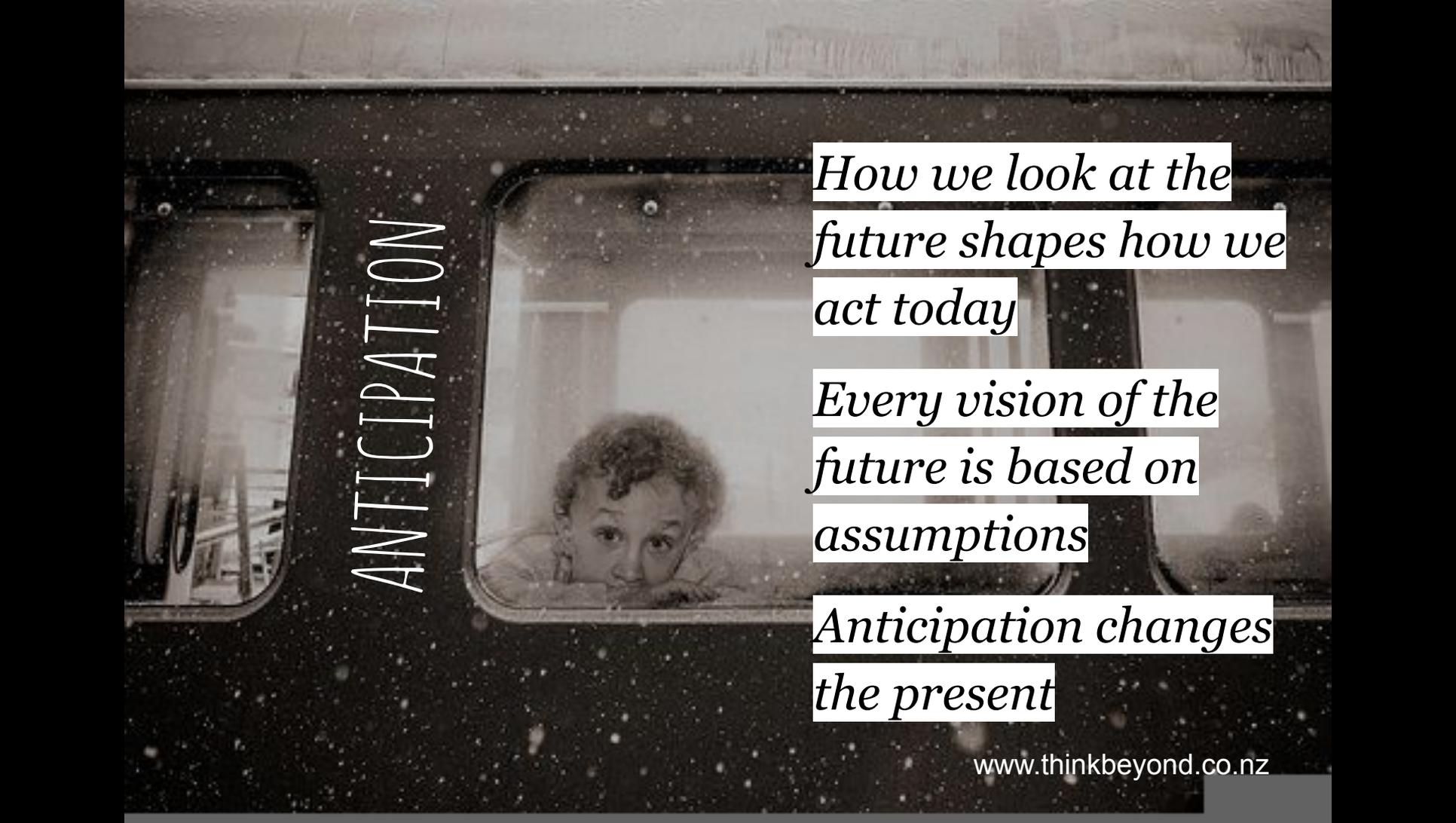
Eight vision statements for the future of education 24 Jan 2022

- Vision 1: Engagement with leading innovative practices and solutions outside of the local area
- Vision 2: Time and resources to support the well-being of educators are provided before anything else is added
- Vision 3: Two-way dialogue and co-operation across education stakeholders and non-governmental innovations are open
- Vision 4: Hybrid models of learning that are appropriate for each level of education are developed
- Vision 5: Thriving communities are the answer, not more technology
- Vision 6: A culture of risk tolerance is fostered which allows experimental innovative ideas to fail
- Vision 7: Teachers are well supported to maintain their passion for learning and development
- Vision 8: Students are listened to and given more agency to direct their learning



What has
covid
enabled?





ANTICIPATION

*How we look at the
future shapes how we
act today*

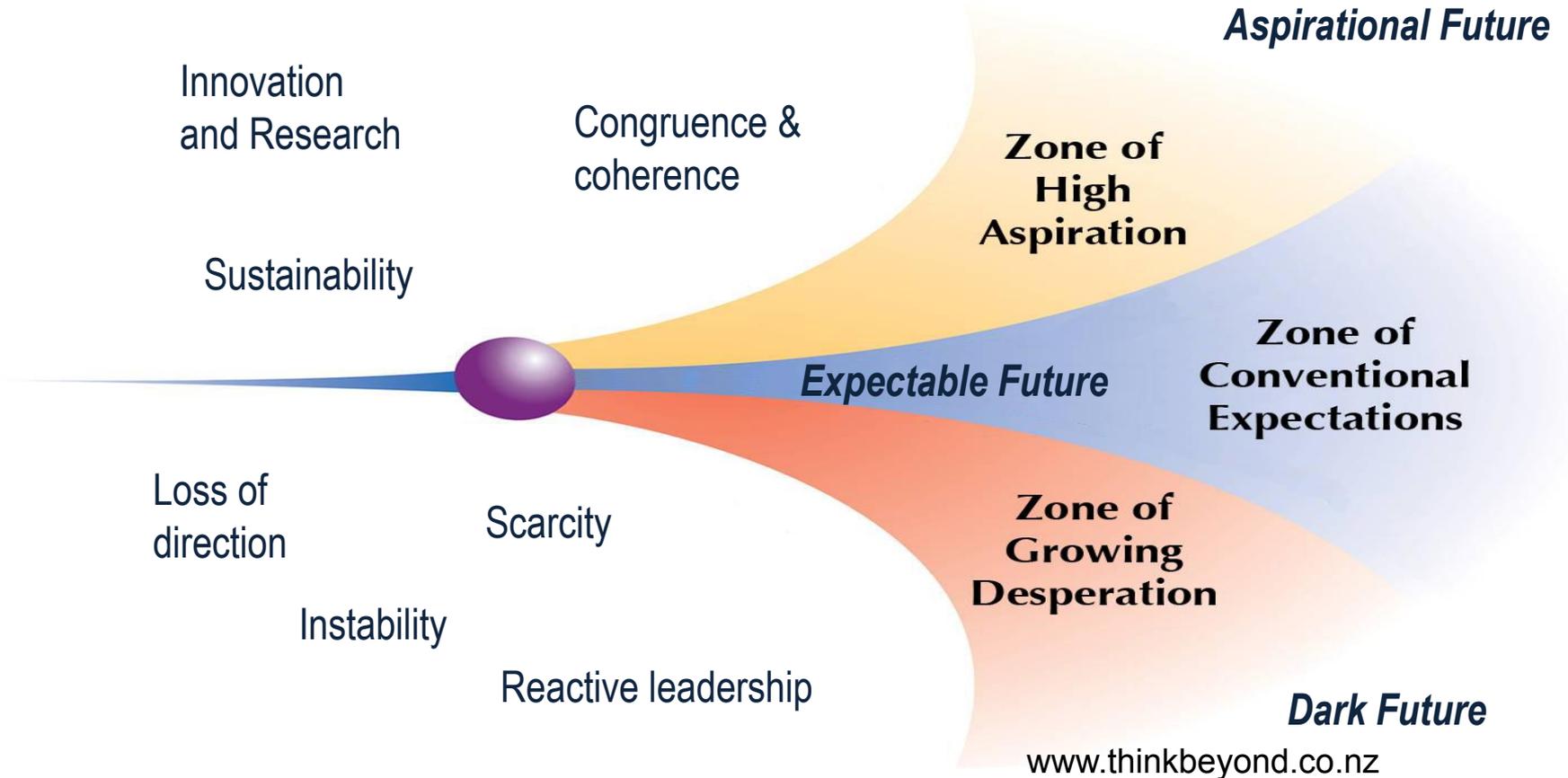
*Every vision of the
future is based on
assumptions*

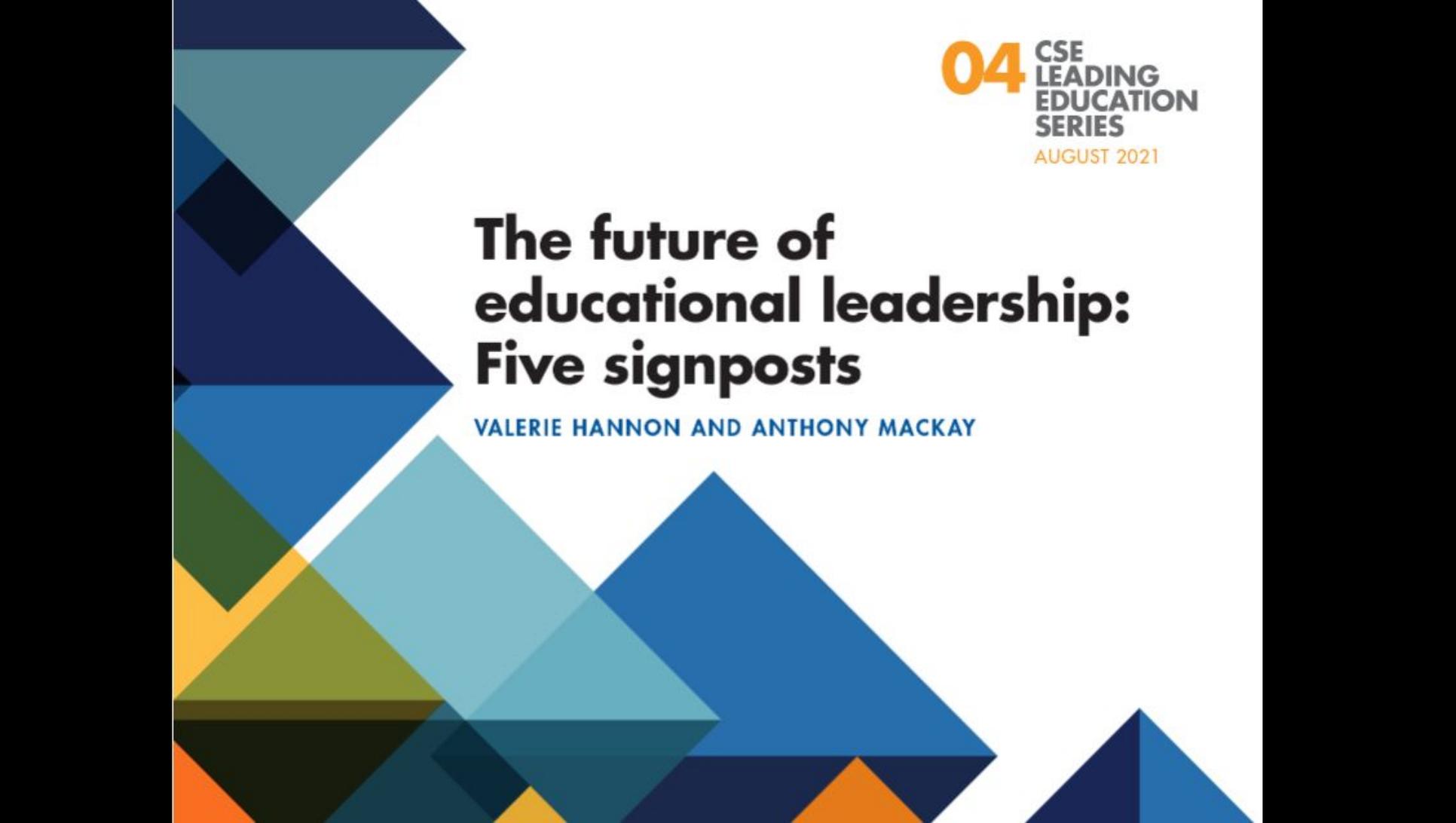
*Anticipation changes
the present*

WHAT STRATEGIC FORESIGHT ISN'T



Forecast Zones





04 CSE
LEADING
EDUCATION
SERIES

AUGUST 2021

The future of educational leadership: Five signposts

VALERIE HANNON AND ANTHONY MACKAY

LEADERSHIP REVOLUTION: FIVE SIGNPOSTS

SIGNPOST 1: LEAD THE CREATION OF A NEW EDUCATION NARRATIVE

SIGNPOST 2: LEAD WITHIN ECOSYSTEMS

SIGNPOST 3: LEAD FOR EQUITY

SIGNPOST 4: LEAD FOR INNOVATION

SIGNPOST 5: LEAD FOR FUTURES LITERACY

SIGNPOST 5: LEAD FOR FUTURES LITERACY

UNDERSTAND OUR OWN CONDITIONING/ASSUMPTIONS AND THAT OUR HOPES/DREAMS AND FEARS ARE BASED ON THESE ASSUMPTIONS

ENHANCE OUR PERCEPTIONS AS INDIVIDUALS, TEAMS AND ORGANISATIONS

GROW FUTURES CONSCIOUSNESS AND OBSERVATION SKILLS

IMAGINE MULTIPLE AND DIVERSE FUTURES SO WE DON'T BECOME PATH DEPENDENT

EMBRACE COMPLEXITY

ENABLE A NEW SENSE OF AGENCY



HOW ARE YOU USING THE FUTURE TODAY?

“We can all see the past but cannot influence it. We can influence the future but cannot see it.”
— Steward Brand, Clock of the Long Now

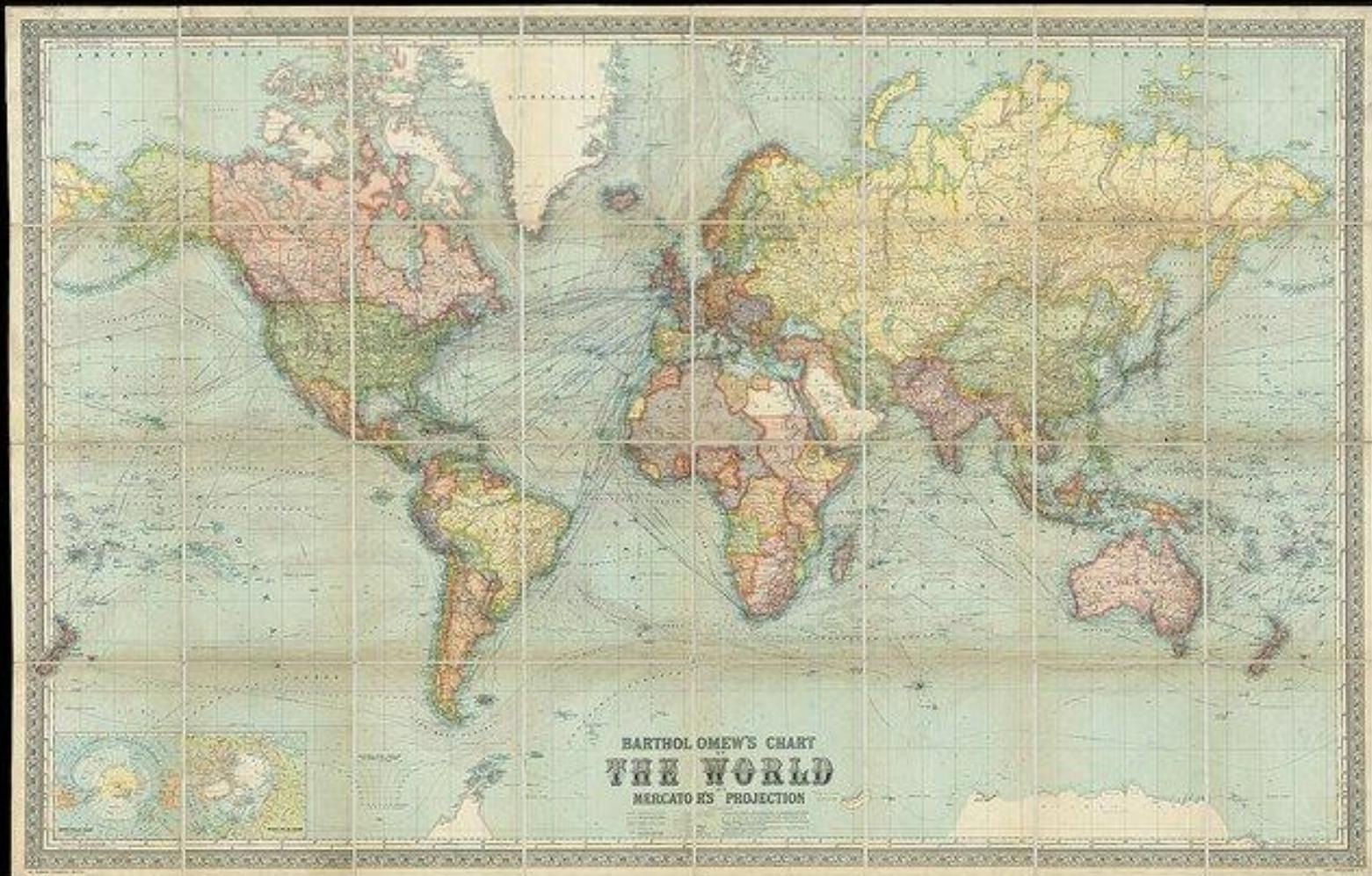
Te wā heke
The future
Foresight

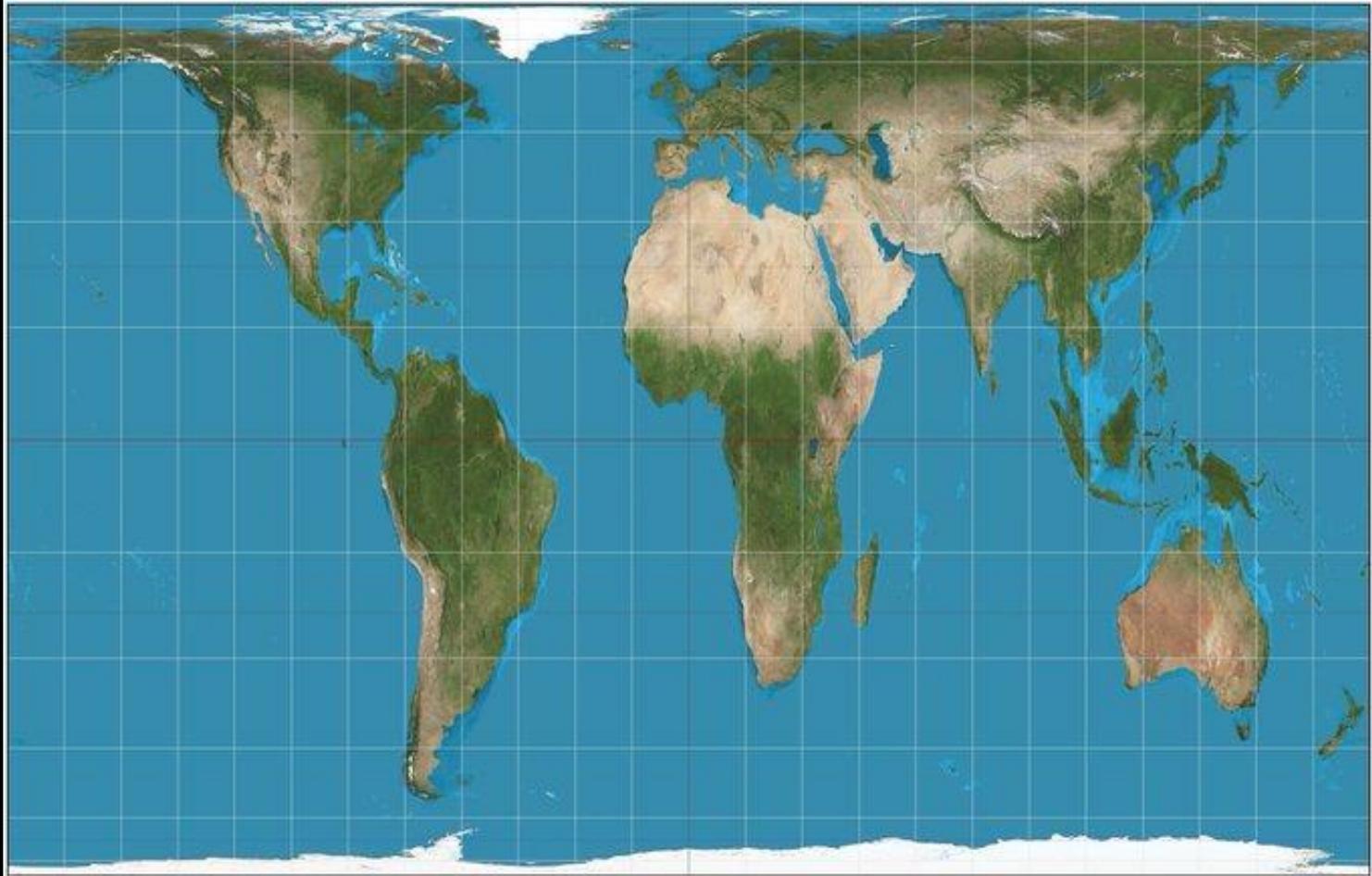
Te wā tū
The present
Insight

Te wā mua
The past
Hindsight

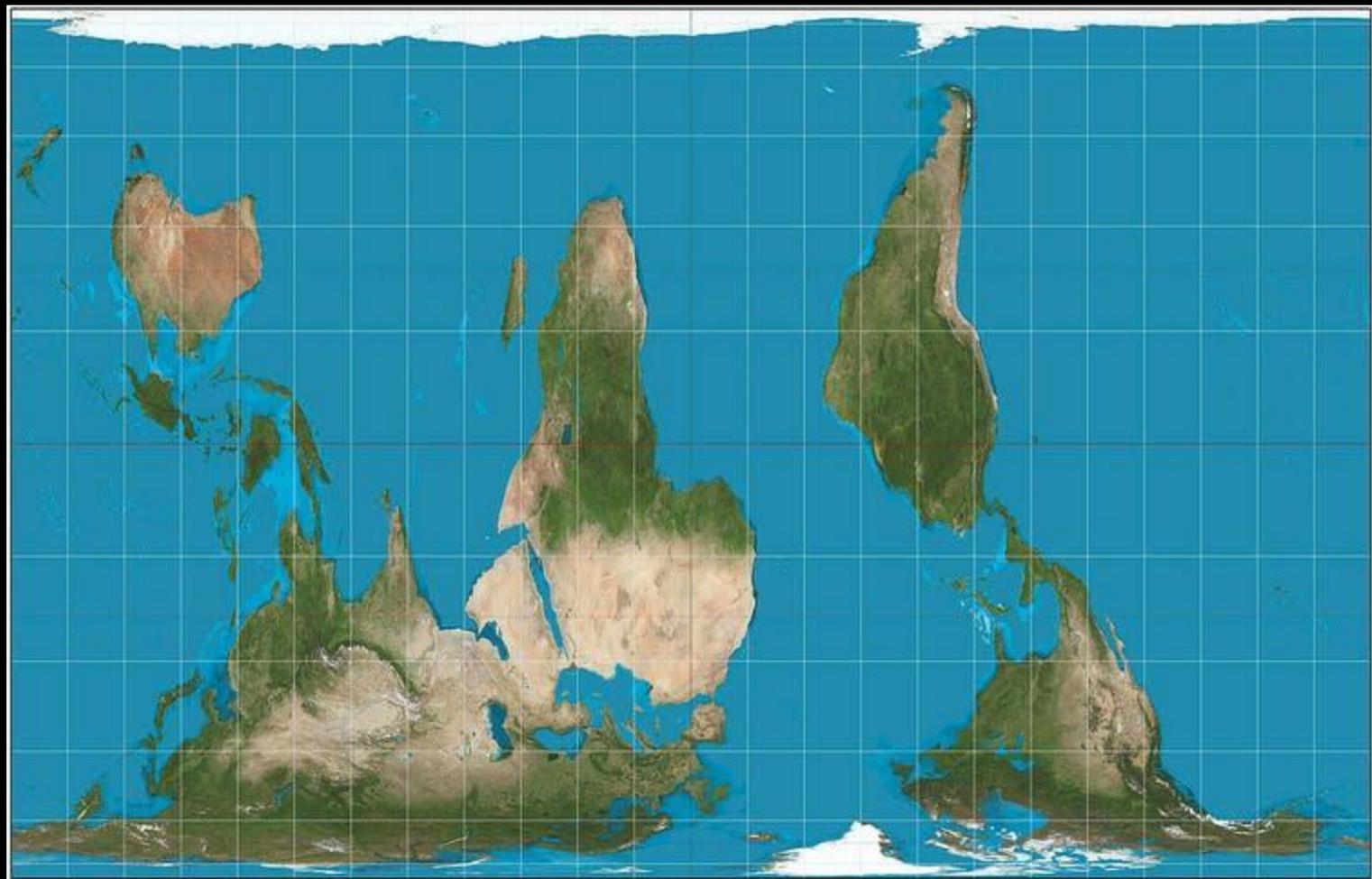
Kia whakatōmuri te haere whakamua.

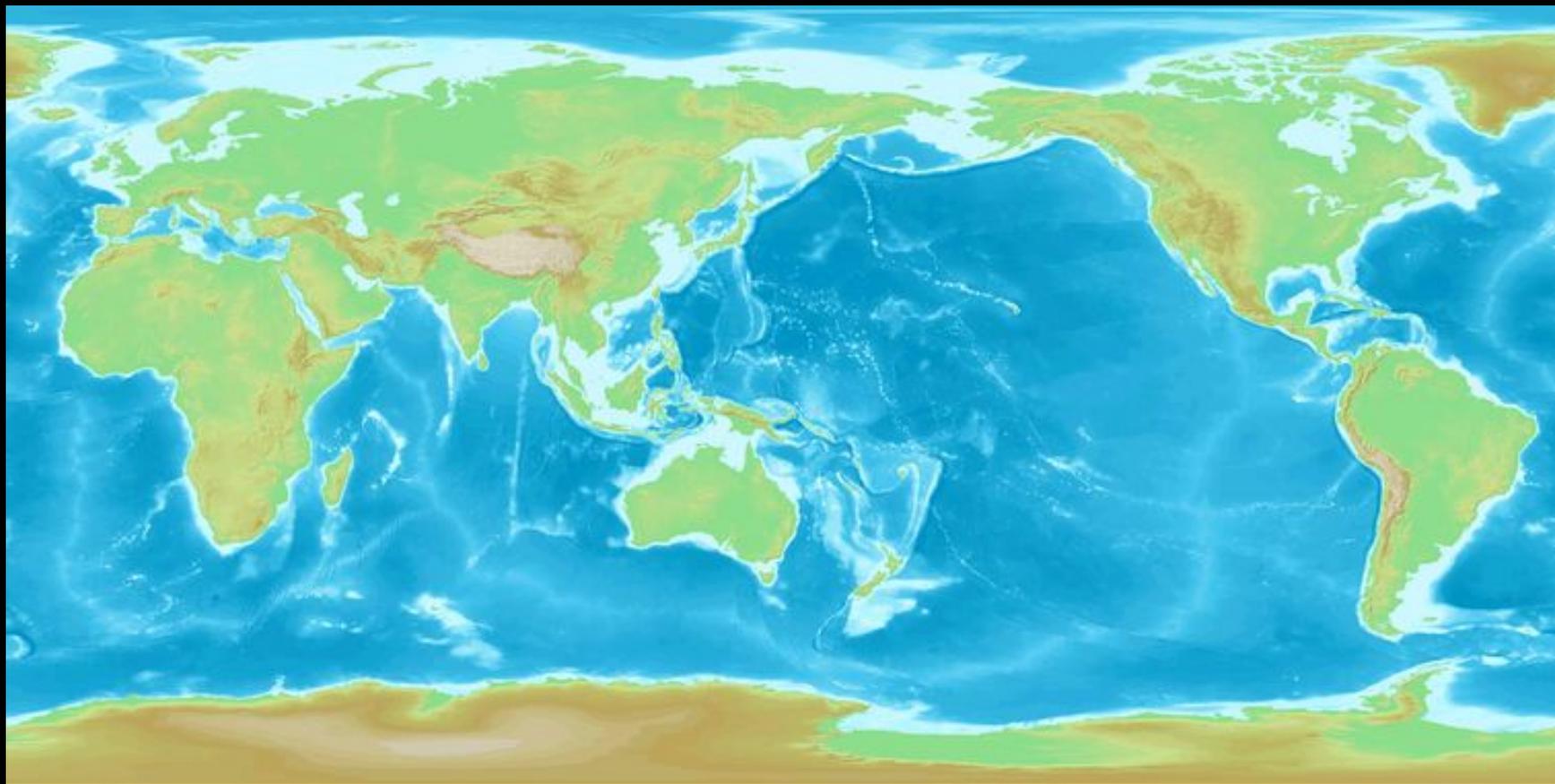
I walk backwards into the future with my eyes fixed on my past.





<https://www.globalcitizen.org/en/content/world-map-wrong-mercator-peters-projection-boston/>







<https://explorer1.jpl.nasa.gov/galleries/earth-from-space/>

Legacy Thinking

Our past narratives trap our future thoughts.
Within the stories are expectations about
gender, politics, race and righteousness and
who can aspire to what.

Aleks Krotooski Dec 2020

*Cathedral building
Seventh-gen thinking
Seed banks*

Centuries

*Planting an oak tree
Time capsules
Belief in the afterlife*

*Space programmes
Energy transitions
Chinese planning*

Decades

*Mortgage
Pension saving
Making a will*

*Trade negotiations
Olympic Games
Election cycles*

Years

*College degree
Career plans
Raising children*

*Quarterly reporting
Fashion fads
Software updates*

Months

*School term
Pregnancy
Diet*

*Daily newspapers
Discount sales
Music festivals*

Days

*Postage
Weekly shop
Exercise classes*

*Opening hours
Parking meters
Public meetings*

Hours

*Work shift
Sunday lunch
Phone battery*

*Traffic lights
24/7 news
999 response*

Minutes

*Emailing
Taking a shower
Coffee break*

*Quiz shows
Stock markets
Public auctions*

Seconds

*Texting
1-click buying
Cycle of breath*

PUBLIC LIFE

PERSONAL LIFE

HUMAN TIME HORIZONS

Graphic: Nigel Hawtin



From *The Good Ancestor: How to Think Long Term in a Short-Term World* by Roman Krznaric. Graphic design by Nigel Hawtin.

Svalbard Global Seed Vault



<https://www.regjeringen.no/en/topics/food-fisheries-and-agriculture/svalbard-global-seed-vault/id462220/>

The tug of war for time



Graphic: Nigel Hawtin

Six drivers of short-termism

Tyranny of the Clock
the acceleration of time
since the Middle Ages



Digital Distraction
the hijacking of attention
by technology



Political Presentism
myopic focus
on the next election



Speculative Capitalism
volatile boom-bust
financial markets



Networked Uncertainty
the rise of global risk
and contagion



Perpetual Progress
the pursuit of
endless economic growth



Six ways to think long

Deep-Time Humility
grasp we are an eyblink
in cosmic time



Legacy Mindset
be remembered
well by posterity



Intergenerational Justice
consider the seventh
generation ahead



Cathedral Thinking
plan projects beyond
a human lifetime



Holistic Forecasting
envision multiple pathways
for civilisation



Transcendent Goal
strive for
one-planet thriving



*From **The Good Ancestor: How to Think Long Term in a Short-Term World** by Roman Krznaric. Graphic design by Nigel Hawtin. Licensed under CC BY-NC-ND.*

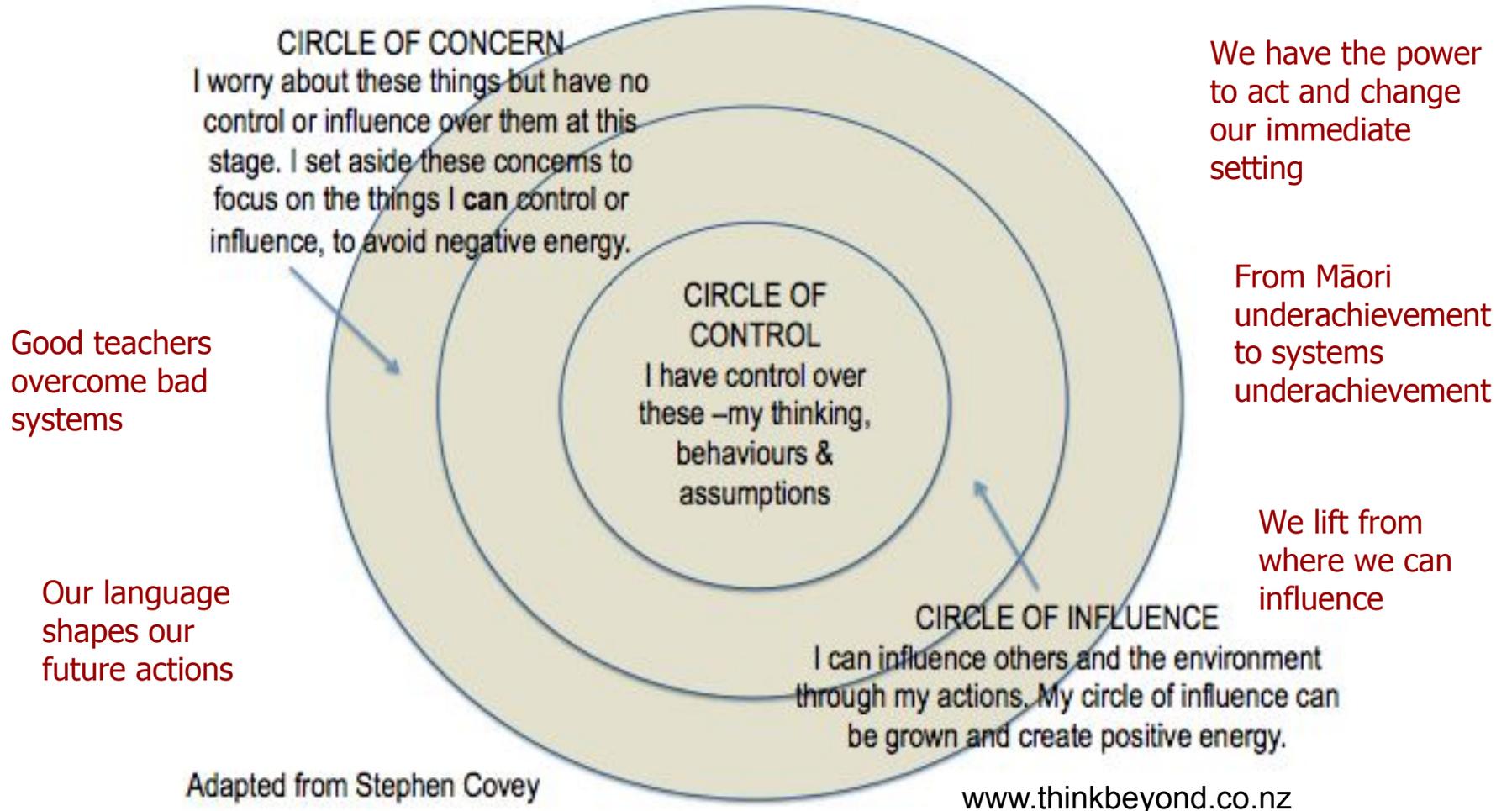
What does this look like for you?

Warm
Supportive
Short term (marshmallow brain)
Knowledge

Demanding
Challenging
Long term (acorn brain)
Skills

Beyond the tyranny of the urgent...

www.thinkbeyond.co.nz



Long term impact on society

Ethics
Trust
Empathy
Creativity

Everything we do has
consequences



Closed to the future...

That's ridiculous

That will never happen

Where is your data to back that up?

The best way is

Open to the future...

Let's talk about it a bit more

What if this happened though?

How might it look if it did work?

Whose worldview are we not considering?



He angitu mō te kotahi, he hua mō te katoa
When each individual has opportunities, all benefit

www.thinkbeyond.co.nz



ako ōtautahi
learning city
CHRISTCHURCH NZ

Futures Retrospective

Imagine you are at this conference in 2032. The world has changed and schools are struggling to meet needs. The combined effects of climate, conflict and contagion have resulted in learning becoming completely automated and botified. Learning design has not considered the interwoven needs of people, place, planet and purpose. Young people ask, “What’s the point?”



A retrospective typically looks back at what has been done, with the goal of improving things in the future. A futures retrospective takes you into the future and asks you to consider how you got there. - Doig, 2022

A view of Earth from space, showing the curvature of the planet and the sun rising over the horizon, creating a bright blue glow. The sun is positioned in the center of the horizon, and its light illuminates the Earth's surface, which is covered in clouds and landmasses. The sky is dark with many stars visible.

What advice would you give
yourselves today to avoid this?

UNINTENDED CONSEQUENCES CANVAS

PROBLEM

PROBLEM DEFINITION

**WHY IS THIS A PROBLEM/
SCOPE OF THE PROBLEM**
*List all the factors and features eg
if – then logic statements*

**WHAT EVIDENCE BACKS UP
THIS ASSUMPTION?**
*ie is this really the problem or just
a symptom?*

DESIRED OUTCOME
*What do you want as the deep
reason for change?*

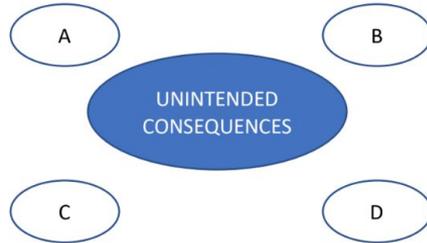
POSSIBILITIES

A

B

C

D



STOP
*Who haven't
you
considered?
What do you
need to go
away and
investigate?*

**EMERGING IDEA/
OPPORTUNITY**
*Steps to success
-time
-review cycle
-how will we know?*

What's changed in our thinking?

- What don't we know that we need to know?
- What are the signals beyond our own industry that we need to consider?
- Who are the 'unusual suspects' that will take us out of our comfort zone?
- What do we need to forget?
- What should we have asked that we didn't?
- Whose voices were not heard and why?
- What next?

FRAMING OF THE QUESTION



- HOW CAN WE STOP EXTREMISTS FROM BEING APPOINTED TO OUR BOARDS?
- HOW CAN WE CREATE CONDITIONS WHERE OUR COMMUNITY WANT TO POSITIVELY INFLUENCE LEARNING?

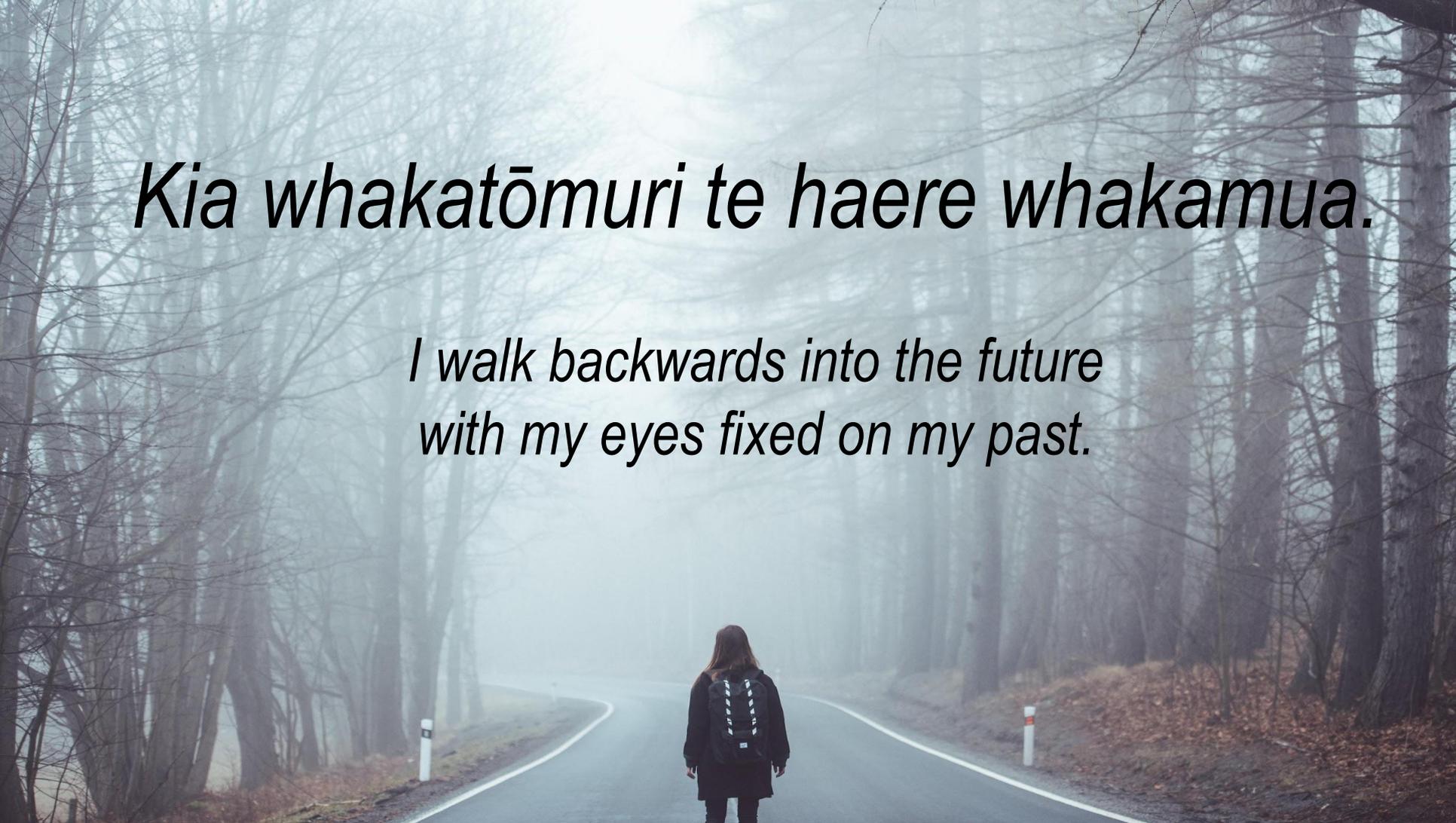
- HOW CAN WE GET BACK TO NORMAL IN OUR SCHOOLS?
- HOW MIGHT WE TAKE THE BEST OF OUR LEARNING FROM COVID AND AMPLIFY IT SO ALL BENEFIT?

NZPF CONFERENCE QUESTIONS

- WHAT VALUE WILL YOU ADD TO THE NZPF CONFERENCE?
- WHAT VALUE WILL YOU ADD TO YOUR COLLEAGUES AT THIS CONFERENCE AND BEYOND?



- HOW MIGHT YOU POSITIVELY INFLUENCE AND ENERGISE THE LEADERS OF TOMORROW WHO ARE ATTENDING THIS CONFERENCE?
- HOW WILL YOU CREATE SPACE FOR SELF REFLECTION?

A person with long hair, wearing a dark jacket and a backpack, is walking away from the camera on a paved road that curves to the left. The road is flanked by tall, thin trees with bare branches, and the ground is covered in fallen leaves. The scene is misty and overcast, creating a somber and reflective atmosphere.

Kia whakatōmuri te haere whakamua.

*I walk backwards into the future
with my eyes fixed on my past.*

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#NZPF22

 **NEW ZEALAND PRINCIPALS' FEDERATION**
Ngā Tumūaki o Aotearoa



CHRISTCHURCH

CONFERENCE
14-16 September 2022