

The Future We Want

Ed Gillespie

August 2021

Origin

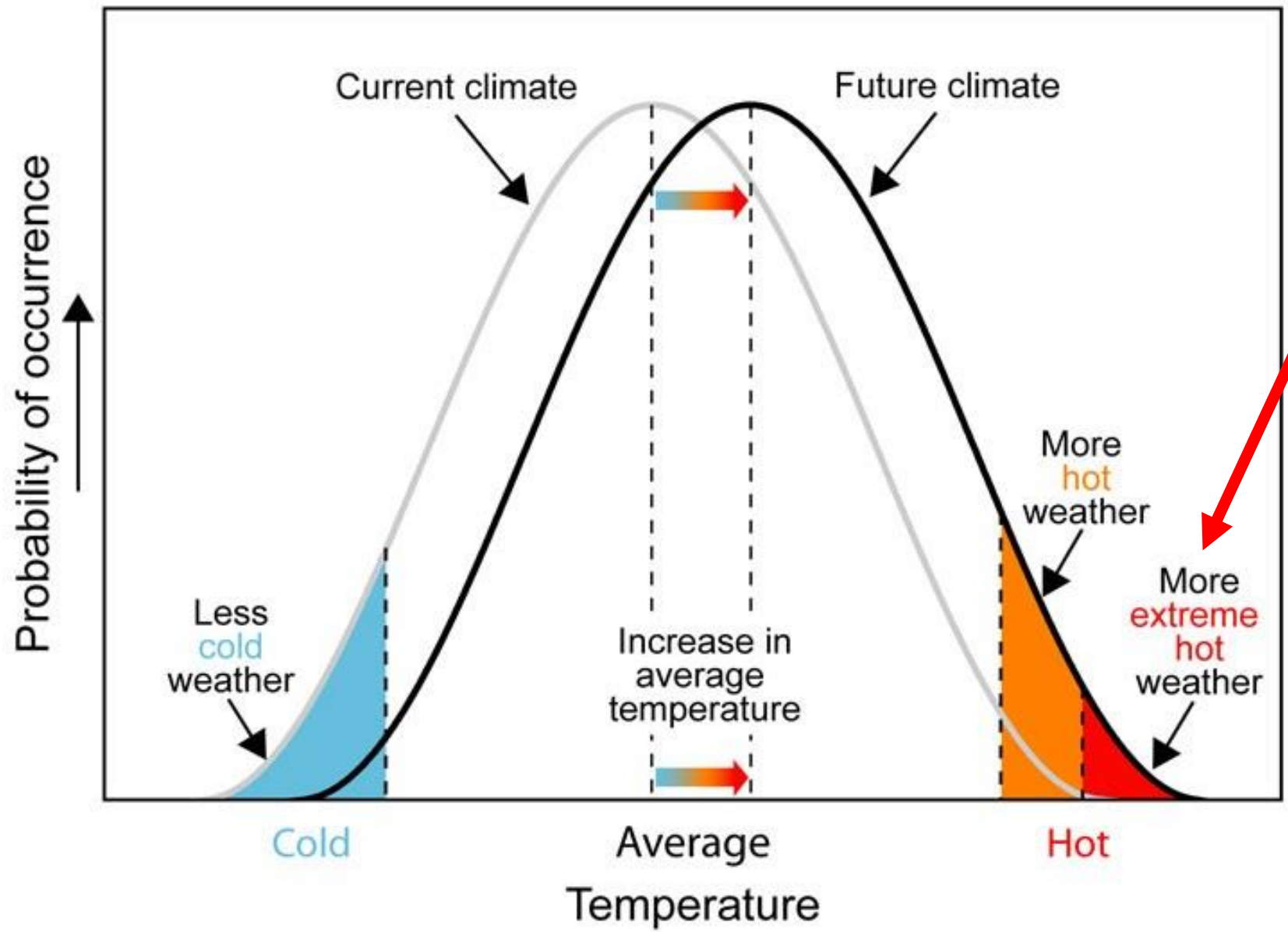


Old English, via Old French and ecclesiastical Latin from Greek *apokalupsis*, from *apokaluptein* 'uncover, reveal', from *apo-* 'un-' + *kaluptein* 'to cover'.

Three Key Comfortable Myths?

- 1. We feel we know what's going on and what's likely to happen over the next 5-15 years**
- 2. We have a sense of control, and that whatever happens we'll find a way to tame it**
- 3. We understand what leadership will be required and are confident that our decision-making institutions are up to it**

Future Climate Shift

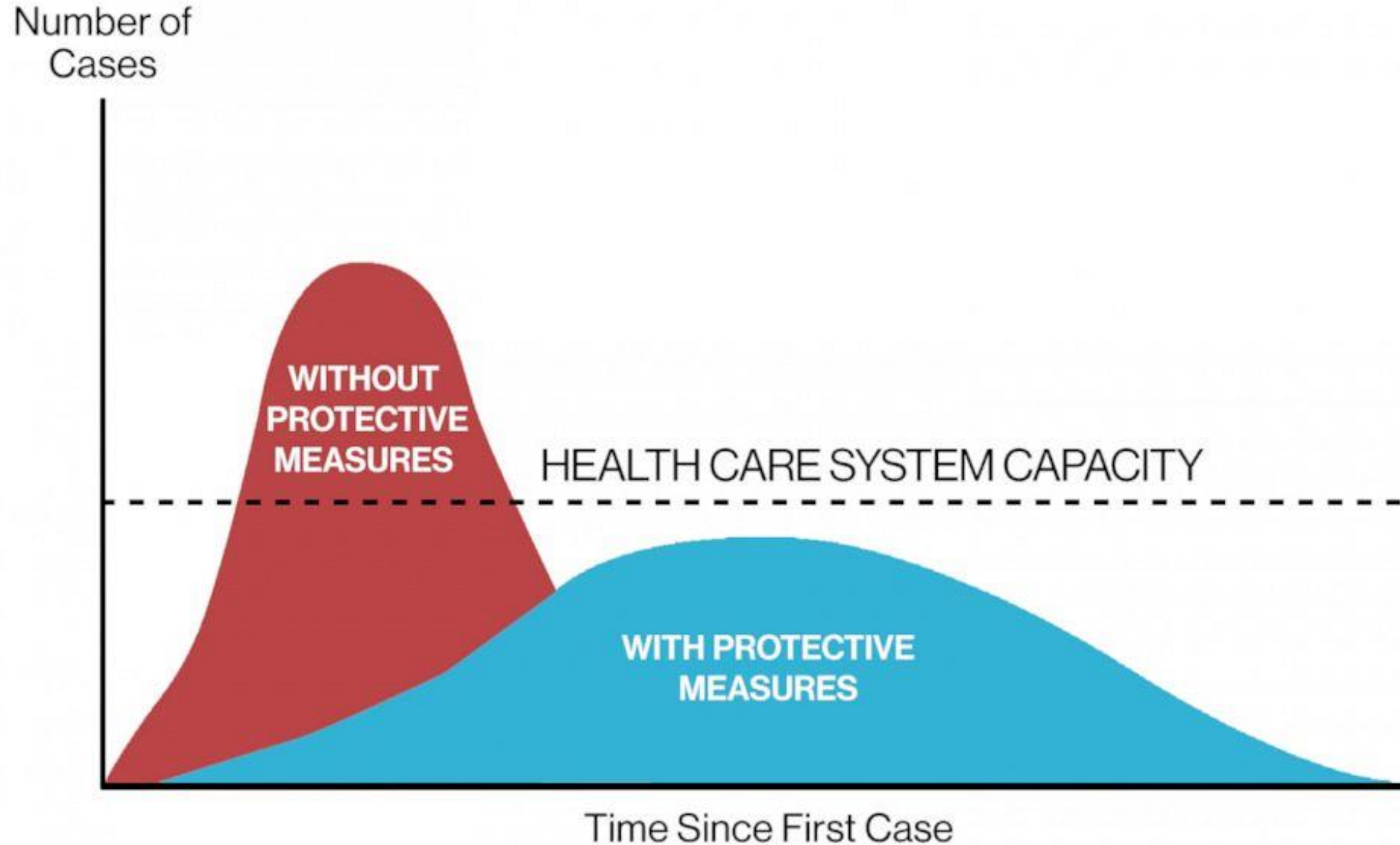


UNLIKELY/HIGH IMPACT?

- 1. EXTREME CLIMATE CHANGE**
- 2. PANDEMICS**
- 3. ECONOMIC CRISIS**

...WE NOW HAVE ALL 3!

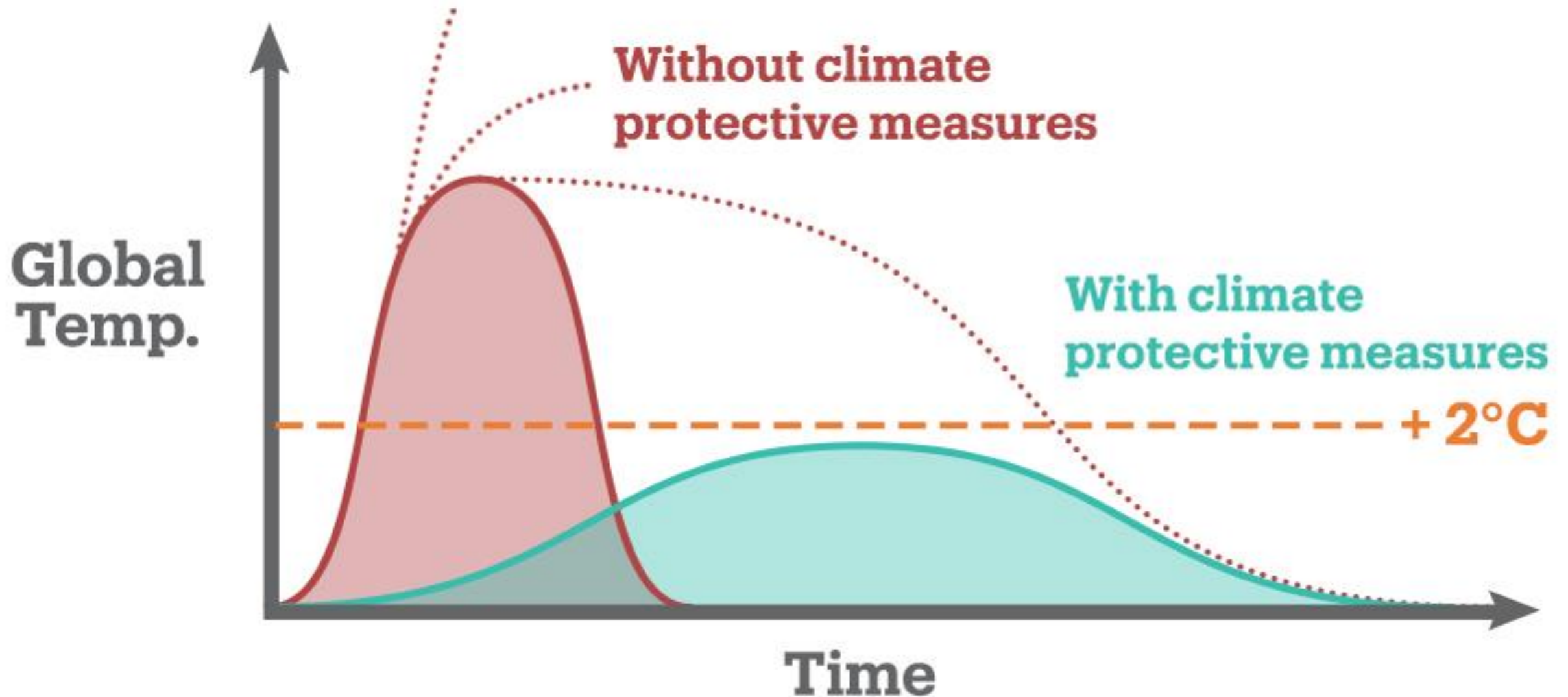
Flattening the COVID-19 Curve



SOURCE: Adapted from CDC/The Economist

“We can’t self-isolate from climate change”

Mark Carney, former Governor Bank of England



HUMANS ARE TO BLAME



“Unequivocal. Unprecedented. Some changes: Inevitable, irreversible”



TEMPERATURES WILL KEEP RISING

+1.1°C since 1850

+1.5°C by 2040 (in all scenarios)

Past 5 years hottest on record

+2°C by end of century

WEATHER IS GETTING EXTREME

Severe heat waves 1/50 years → 1/10 years

Tropical cyclones intensifying

Increased rain/snow fall

Severe droughts 1.7 x more frequent

'Fire seasons' longer, more intense



ARCTIC SUMMERS ICE-FREE

Summer sea ice gone at least once by 2050

Fastest warming area of globe

At least twice global average

(Optimistic scenarios)

SEA LEVEL RISE



*Even at +1.5°C = 2-3m, possibly more?
Coastal flooding doubled since 1960s
1/100 year coastal surges → annual by 2100
Current rate of sea level rise = 3 x 1901-1971*

RUNNING OUT OF TIME...

+2.4T tonnes/CO² since mid-1800's

Average global temperature already +1.1°C

Global carbon budget = 400B tonnes (66% chance of 1.5°C)

Annual emissions = 40B tonnes so < 10 years



LONG REVERRI

**Irreversible changes on timescales of centuries to millennia
Oceans & ice absorb 96% of global heating = ↑ melt & sea levels**



BE SURE
TO WASH YOUR
HANDS AND ALL
WILL BE WELL

COVID
19

RECESSION

CLIMATE
CHANGE

BIODIVERSITY
COLLAPSE

MACRAY
www.kickstart.com.au

DASGUPTA REVIEW – THE ECONOMICS OF BIODIVERSITY

Globally 1990-2014

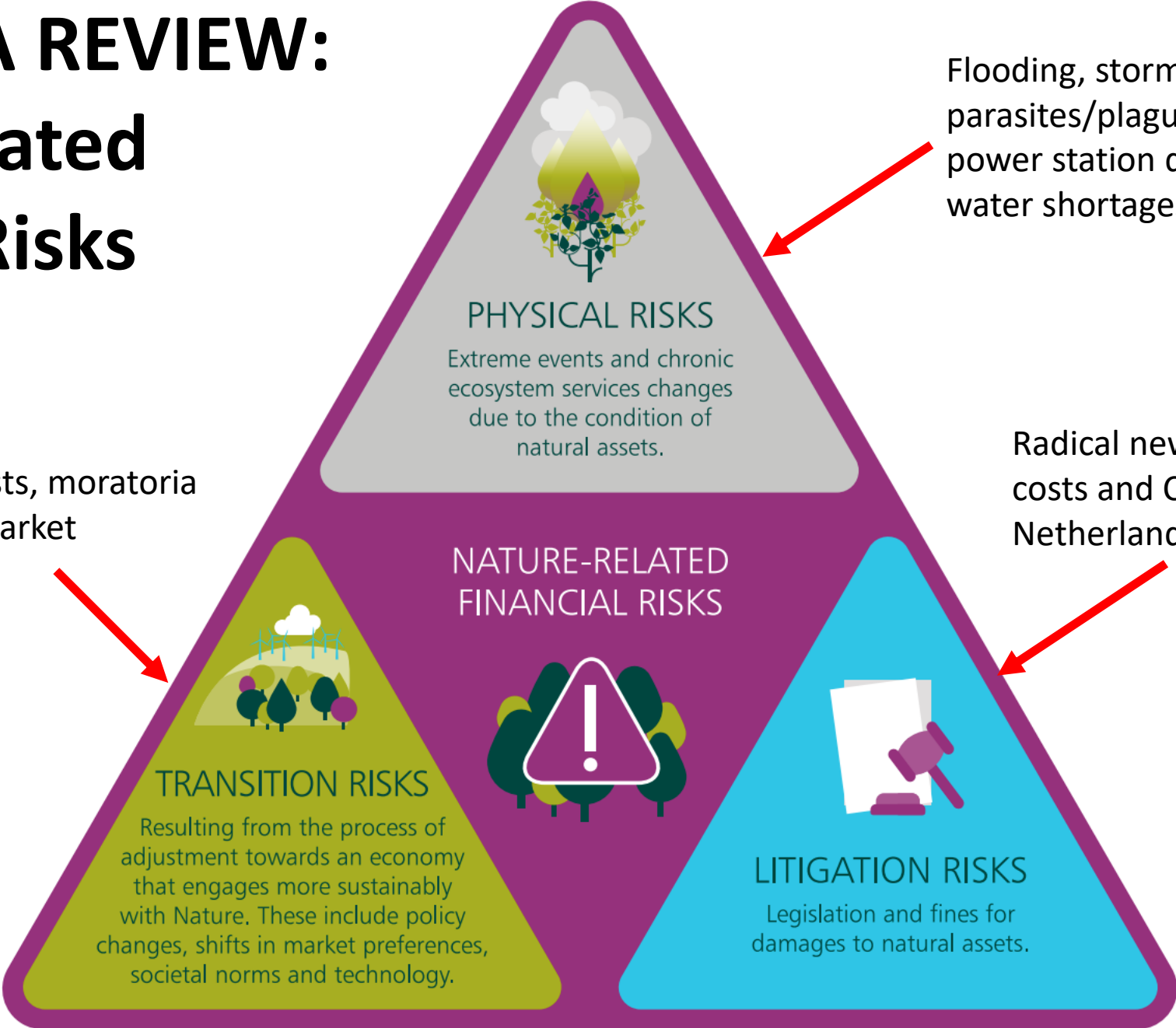
- Produced capital/person (roads, buildings, factories) \uparrow x 2
- Human capital/person (health, knowledge, skills) \uparrow 13%
- Natural capital/person (sources, regulators, sinks) \downarrow 40%

INSTITUTIONAL FAILURE: \$4-6T/year ‘perverse subsidies’

1. Increase Nature’s ‘supply’ & ensure demand does not exceed supply
2. Change our measures of economic success from GDP to natural capital
3. Systemic & Institutional transformation

DASGUPTA REVIEW: Nature-related Financial Risks

Boycotts, bans, protests, moratoria
e.g. Bayer 40%↓ in market
capitalisation



Flooding, storms, degradation, parasites/plagues e.g. thermal power station disruption due to water shortages

Radical new legislation, financial costs and Court cases e.g. Shell in Netherlands



**THE
BIG
SHORT**

“We are now entering an age of ***unreason***, a time when the future, in so many areas, is to be shaped by us and for us; a time when the only prediction that will hold true is that no prediction will hold true; a time therefore for ***bold imagining*** in private life as well as public; for thinking the ***unlikely*** and doing the ***unreasonable***.”

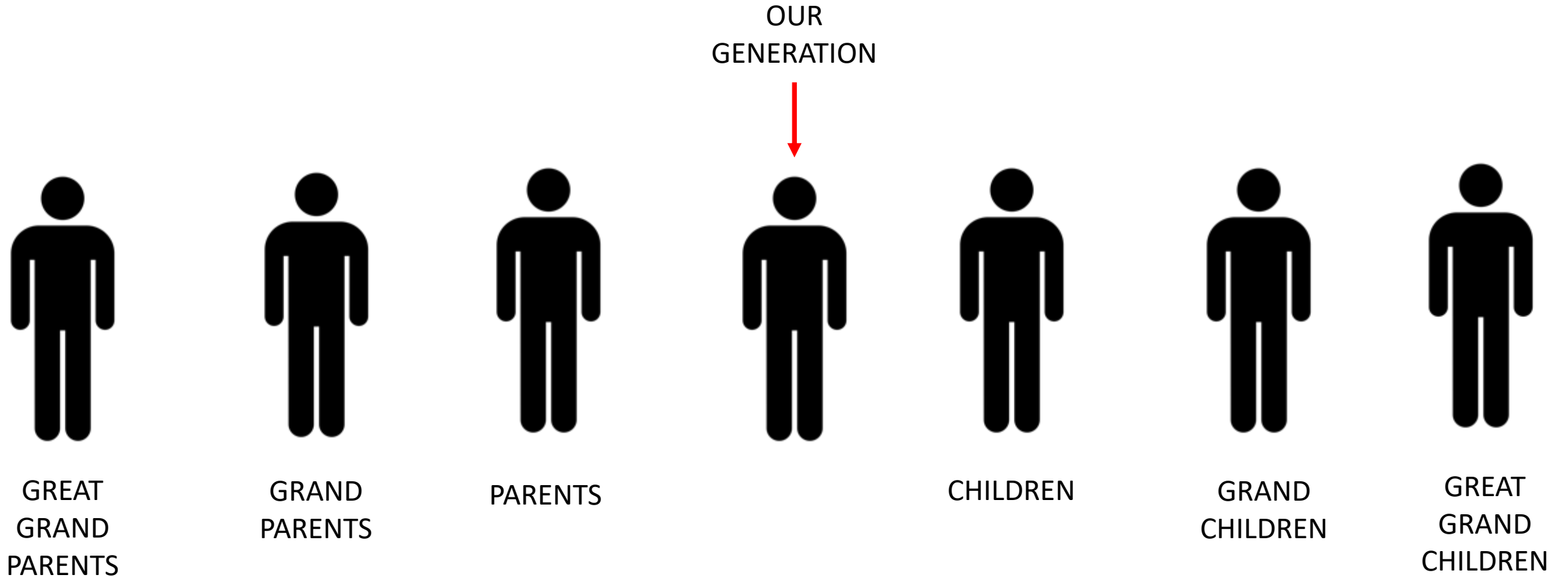
Charles Handy



Three Key Uncomfortable Truths?

1. 'Unknown unknowns' (as much as is possible!)
2. The fact that we are very much 'not in control'
3. Leadership is just part of the mix for responsible organising

SEVEN GENERATION THINKING



Reflects the wide time span of influence (and influences) one life can touch



*'We are at the start
of a thousand year
undertaking...
...because that is
how long it will
take for the old
growth forests to
return'*

Tyson Yunkaporta



DEGENERATIVE

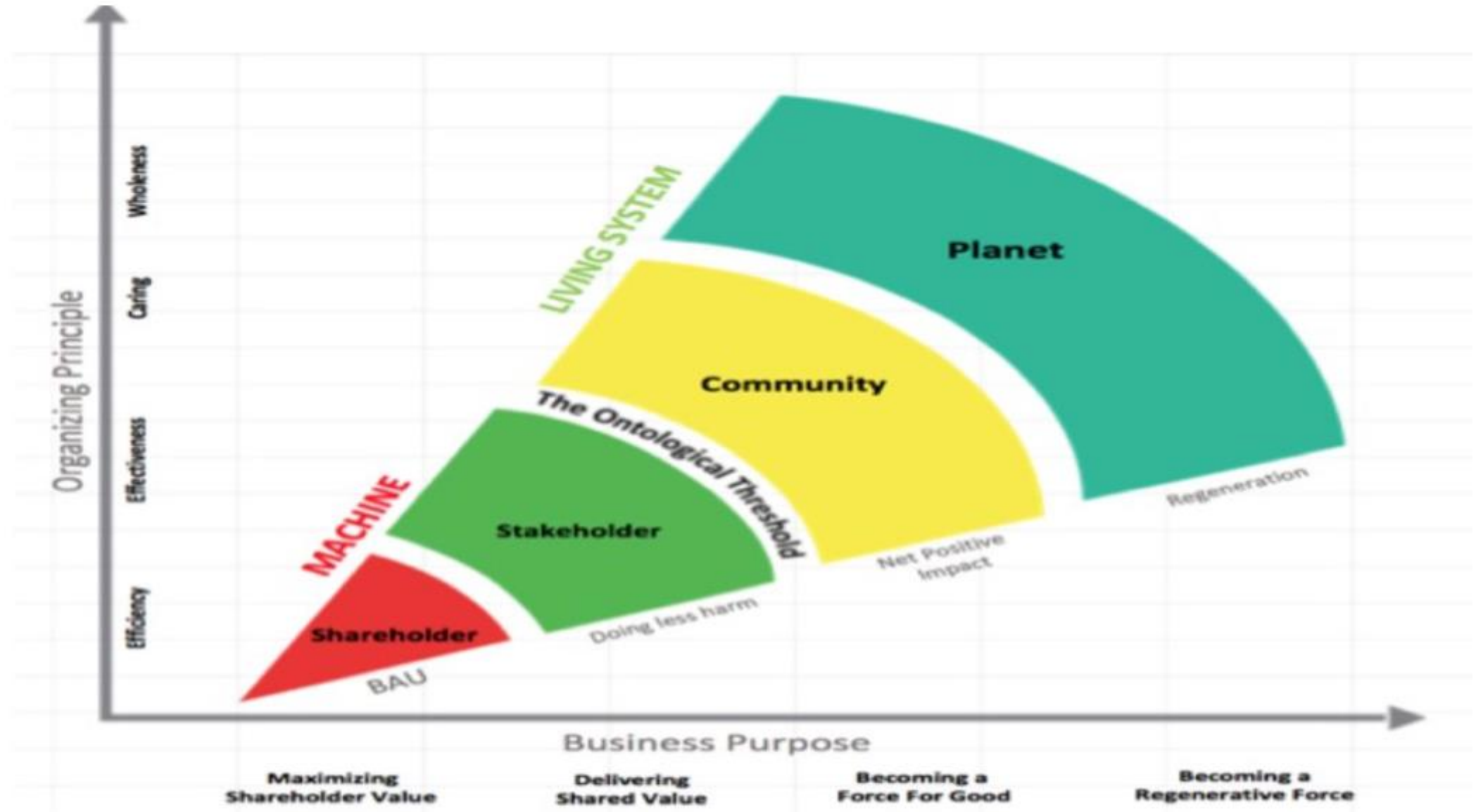
SUSTAINABLE

REGENERATIVE

KISS
the
GROUND

The Maturation of Sustainability

Source: Regenerative Tourism: The Natural Maturation of Sustainability, Anna Pollock, Conscious Travel



REGENERATIVE
BUSINESS IS THE
ONLY FUTURE



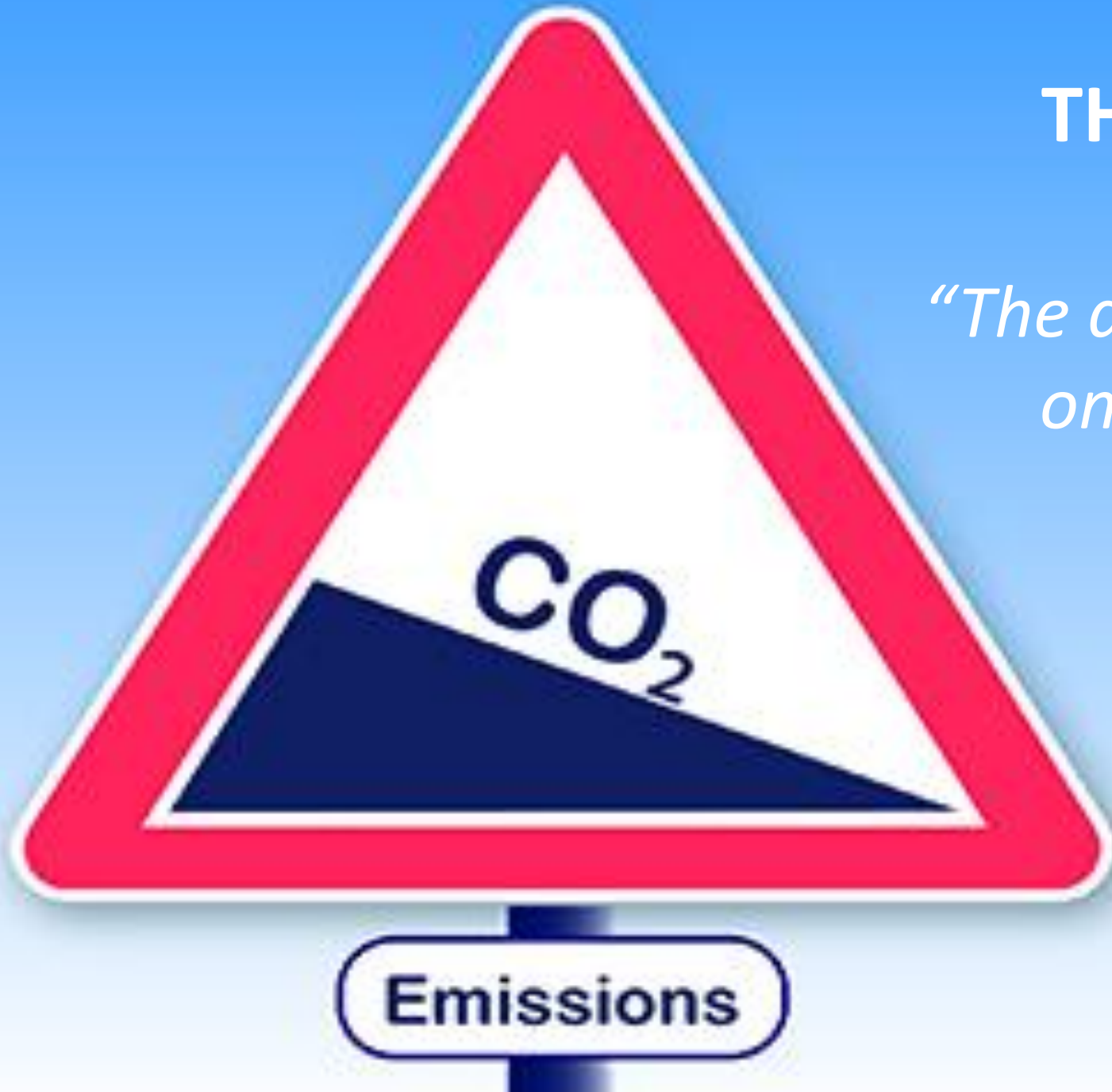
Things are going to get really bumpy....

*“Tourism as a
resource...in service to
global transformation”*



THE RACE TO NET ZERO

“The destination is agreed, it’s only how fast we get there that is up for debate”



OVERTOURISM: *“Loving the world to death”*



DOXEY'S IRRITATION INDEX

Level of IRRITATION

1. EUPHORIA

Destination response to Tourism

- Initial phase of development
- Sense of excitement/anticipation
- Informal contact with tourists

Likely stage...

Exploration
Involvement

2. APATHY

- Formal contact with tourists
- Source of investment and income

Development

3. ANNOYANCE

- Residents begin to show misgivings
- Increasing numbers/external investment and infrastructure

Consolidation

4. ANTAGONISM

- Irritations expressed verbally/physically
- Politeness becomes antagonism
- Tourists seen as cause of problem

Stagnation
Decline

Tourism built on natural principles

- **Biomimicry**
- **Fully Human**
- **Alchemical 'Communing'**
- **Expressed**
- **Holistic**
- **Healthy**

Source: Regenerative Tourism: The Natural Maturation of Sustainability, Anna Pollock, Conscious Travel



‘The world is hunting for health. Hunting for countries that care for their people, and care for their environment’

Head of Trade & Export Council, New Zealand



Brave

Dead

OMERTÀ

**“The construction of our new
Death Star is an amazing job
creation opportunity”**






“Only the
IMPOSSIBLE is
interesting”

PROJECTED *HOPE*

False optimism
Promise to 'Fix'
Revolutionaries
Messiahs

PROJECTED *HOPELESSNESS*

Fatalism
Hedonism
Nihilism
Misanthropy

A person is walking a tightrope across a vast mountain range. The person is positioned in the center of the frame, balancing on a thin wire. The background features a range of snow-capped mountains under a clear blue sky. The foreground shows dark, forested hills. The overall scene is one of a high-stakes, delicate balancing act.

Humour
Humility
Hyper self-reflectivity

A photograph of a protest at night. In the foreground, a person in a dark coat and hat stands on a raised platform or pedestal, their right arm raised in a fist. Behind them, a crowd of people is visible, some also with their arms raised. In the background, a large building is engulfed in flames, with thick smoke rising into the dark sky. The scene is illuminated by the orange glow of the fire and streetlights. A sign on the building in the background reads "Dive-Shop Service".

**“None of us are safe...
...until all of us are safe”**

A photograph of Earth from space, showing the Americas and the Atlantic Ocean. The planet is illuminated from the left, with the right side in shadow. The background is a dark blue space filled with stars.

**“The planet does not need to be saved. Or rescued.
Or even changed. Our planet needs to be loved.”**

အလေးပေးဆောင်ရွက်ခြင်းသည်
မကောင်းသောအရာများကို

***'The wise learn from the past
The brave learn from the future'***