

Two Ways of Seeing Bridging Forecasting & Foresight

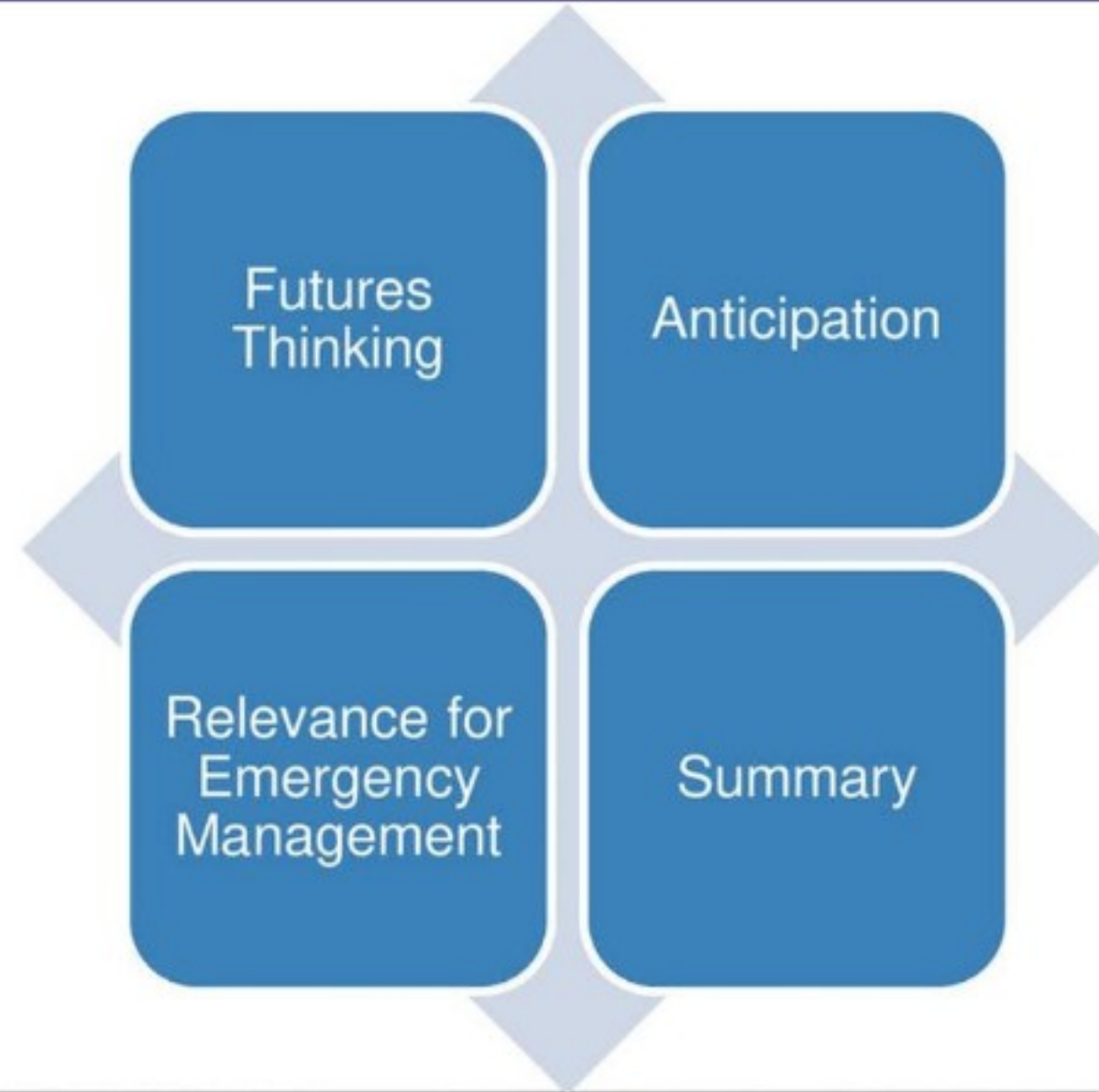
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2020 Emergency Management Stakeholder Summit



LEARNING OBJECTIVES

- » 1. Strategic foresight and application for emergency management
- » 2. Forecasting and foresight, complementary approaches to understand broader system changes
- » 3. Importance of working with emergence, novelty and uncertainty to unlock opportunities for innovation, adaptation and resilience

OVERVIEW

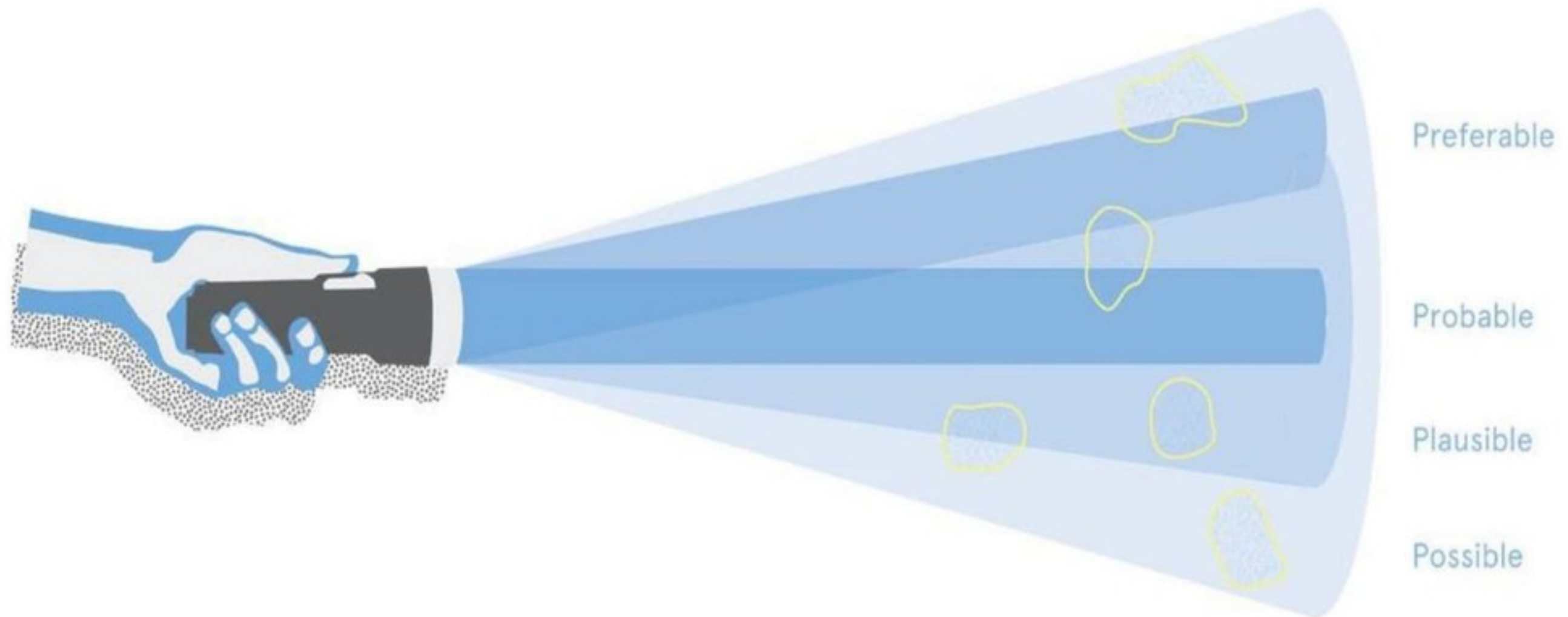


THE ART OF THE LONG VIEW

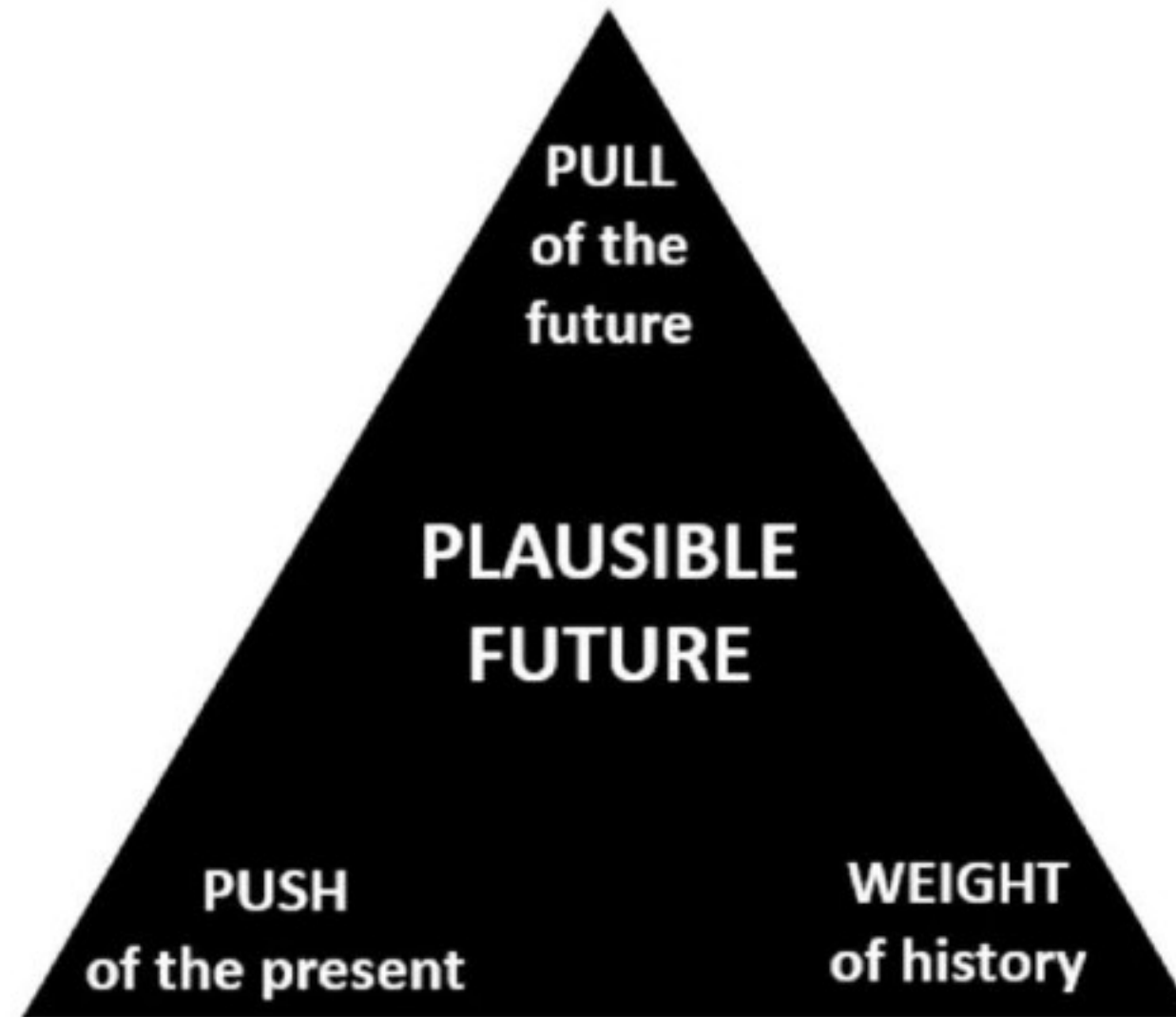




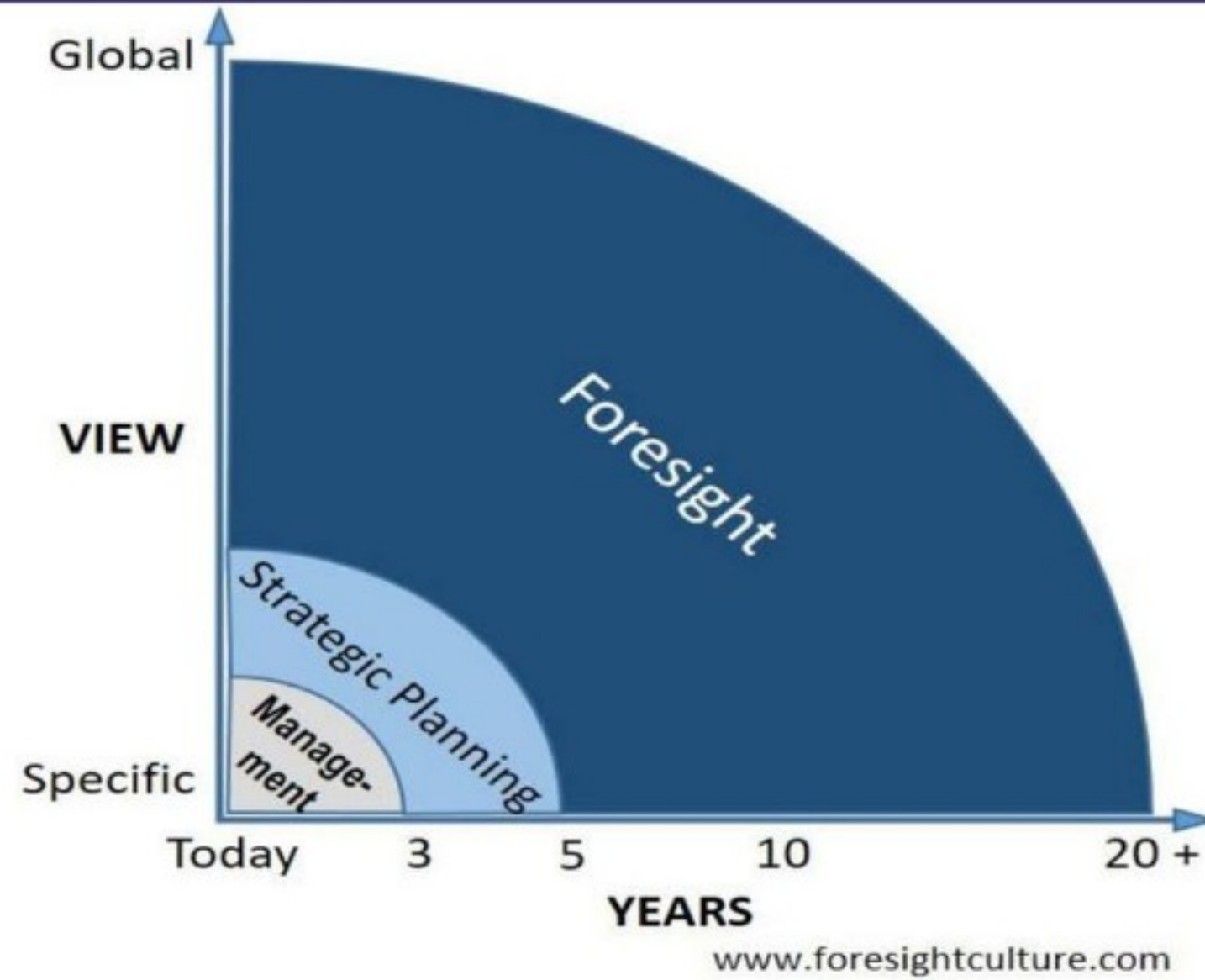
WHAT IS FUTURES THINKING?



FUTURES TRIANGLE



WHAT IS STRATEGIC FORESIGHT?



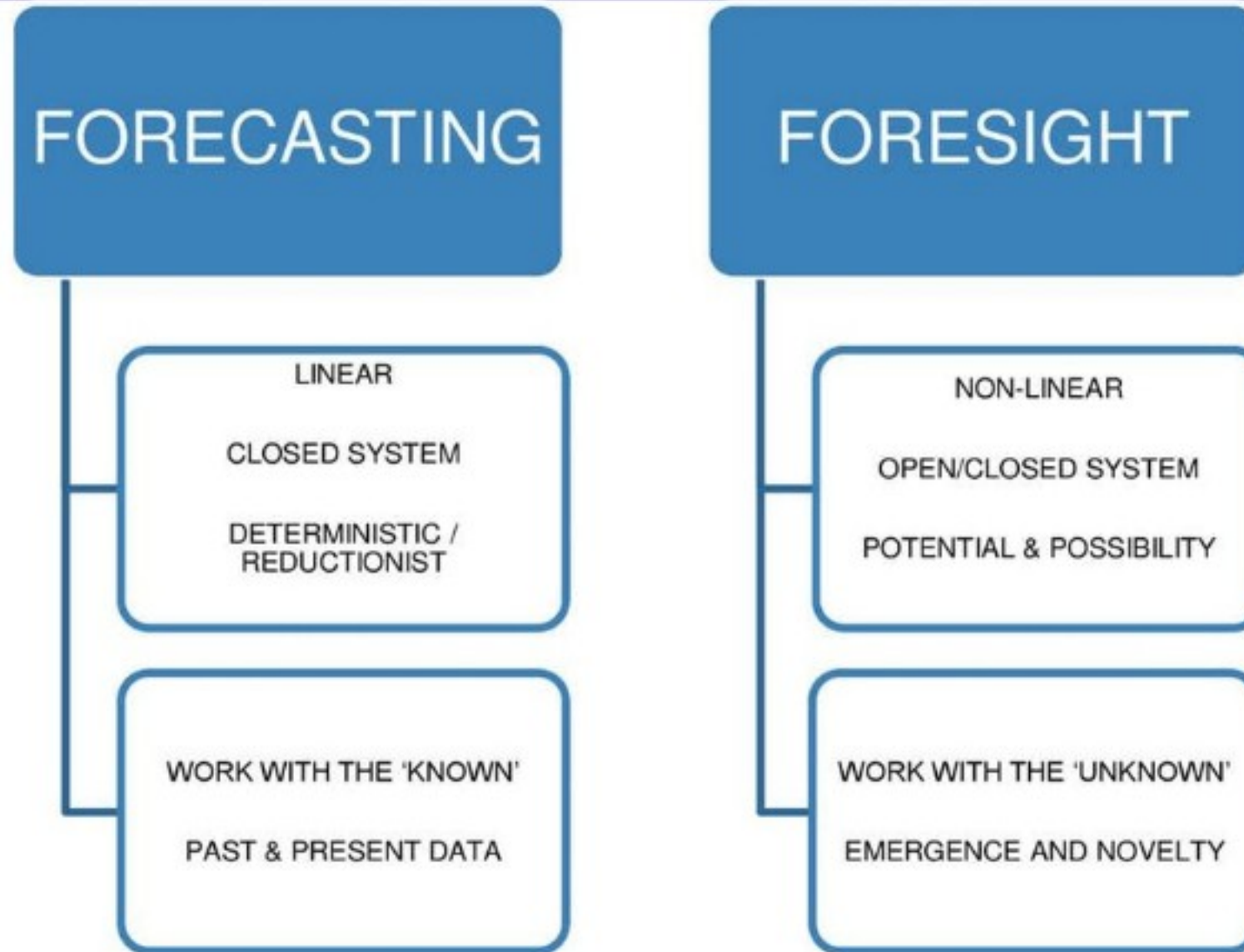
VUCA WORLD

- » New mindsets and skillsets
- » Strategic foresight
- » Design

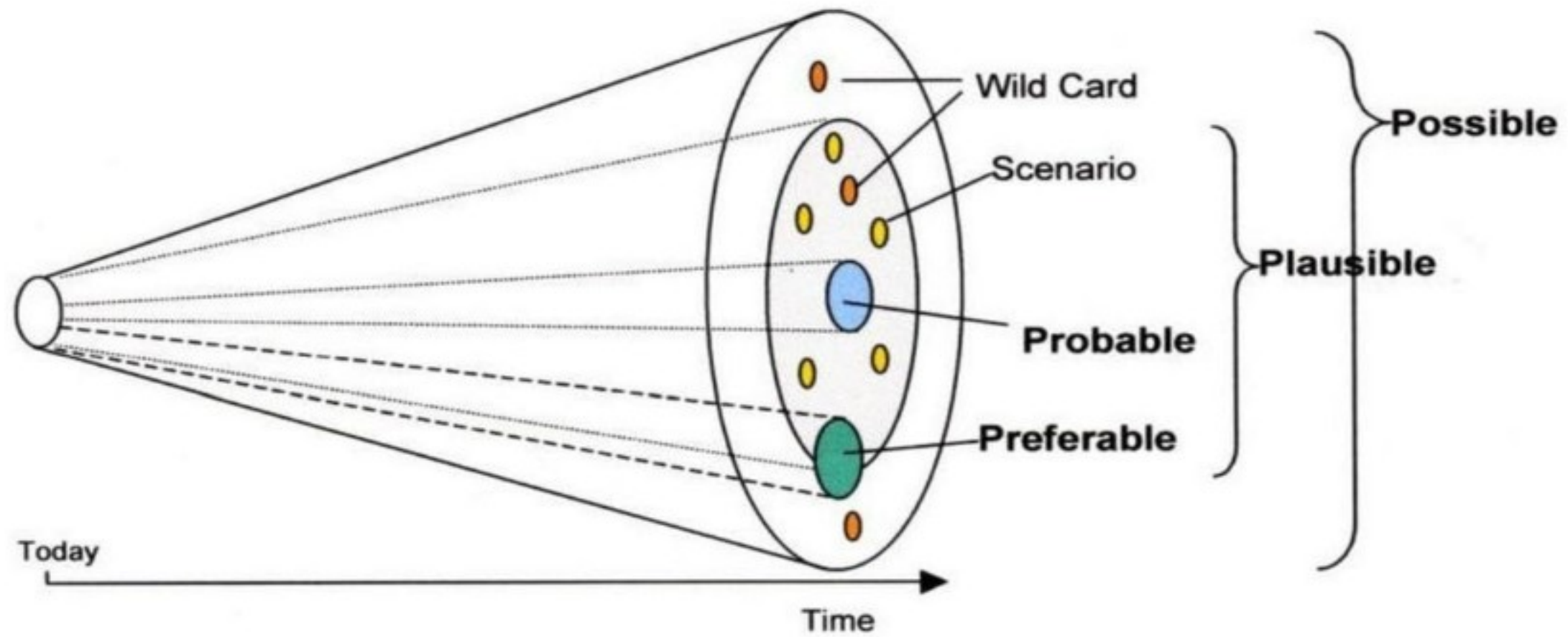


ANTICIPATION

ANTICIPATION - DIFFERENT LENSES AND MINDSETS



FUTURES CONE – DIFFERENT LENSES



ENHANCING SITUATIONAL AWARENESS – HORIZON SCANNING

Scanning
The World?

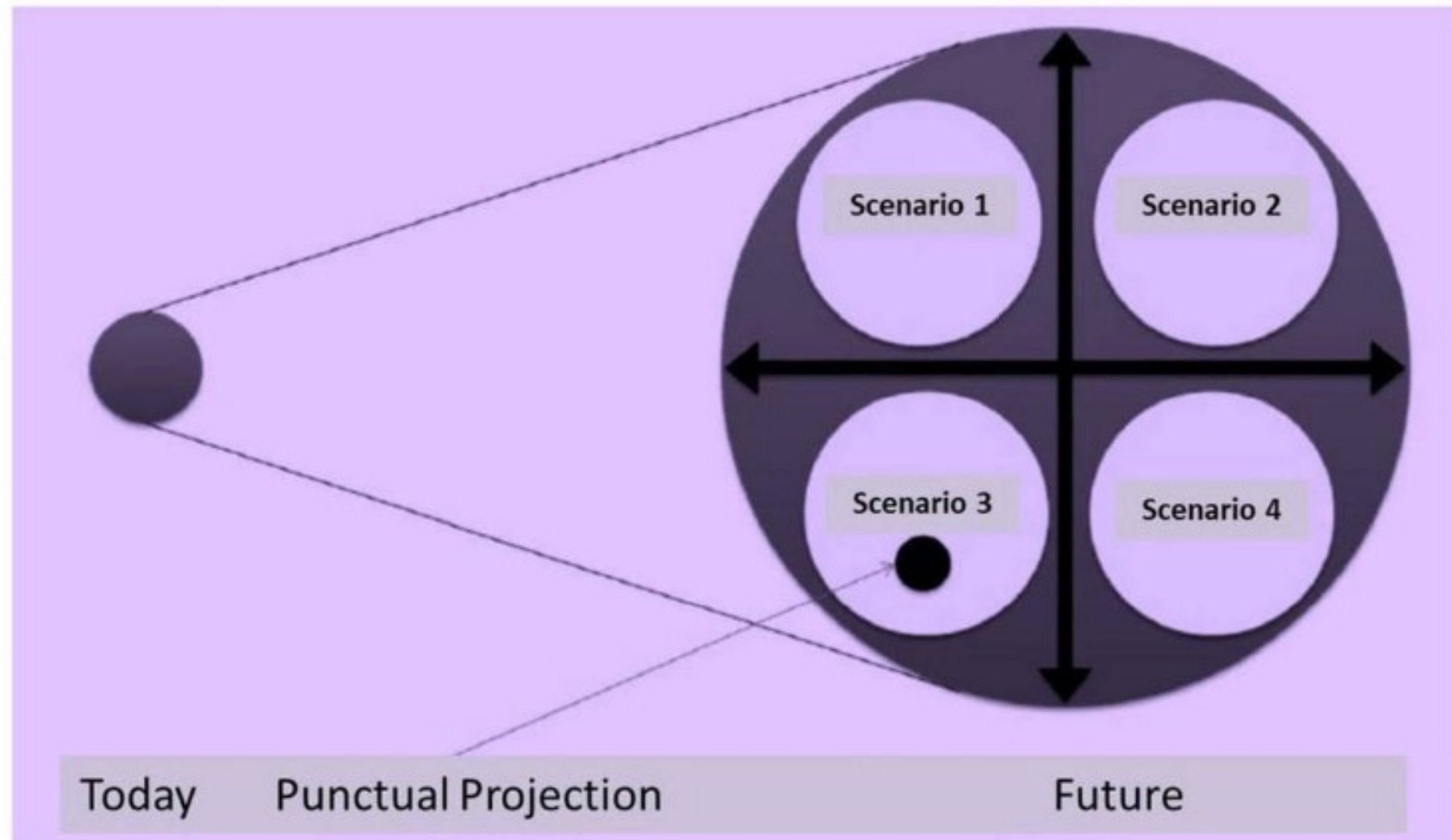
Trends
Patterns
Drivers
Weak Signals
Factors
What's new



Identify 1-3 trends that are having an impact on emergency management



WORKING WITH UNCERTAINTY – FUTURE SCENARIOS



In your working environment, what factors are impossible to predict or control?

Regional partnerships

cascading failures

Politics

Budget Staff

Politics

Preparedness of others

Budget

Politicians

Specifically who will be affected by a pandemic and not available for work

In your working environment, what factors are impossible to predict or control?

Economy

Political direction

Political interference

Political whims

Personalities

Paradigm shift

Politics

Mutual aid partners

Partnerships



In your working environment, what factors are impossible to predict or control?

Political

Political considerations

Elections

Council



In your working environment, which factors threaten your ability to operate successfully?

Budget

Shortage of staff affected by pandemic

Political direction

Critical infrastructure

Budget

Manpower

Election cycles

Political interference

Finance



In your working environment, which factors threaten your ability to operate successfully?

Skill set of responders

Budgets

Capacity

Budget

Budget

Political uncertainty

Politics Weather

Lack of adequate funding

Buy in

In your working environment, which factors threaten your ability to operate successfully?

Organizations are slow to change

The mutual aid resource

Resource availability

Information

Politicians

Budget



RELEVANCE FOR EMERGENCY MANAGEMENT

WHY IS FORESIGHT IMPORTANT?



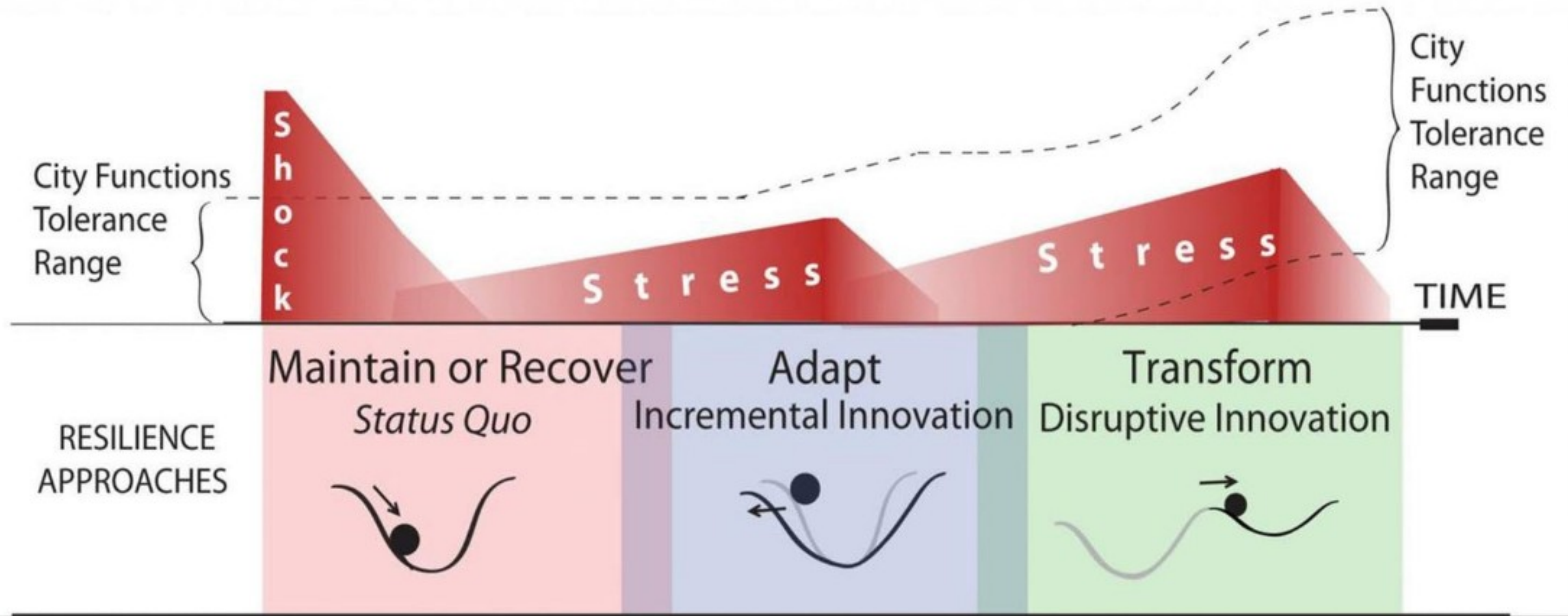
Evolving Risk Landscape



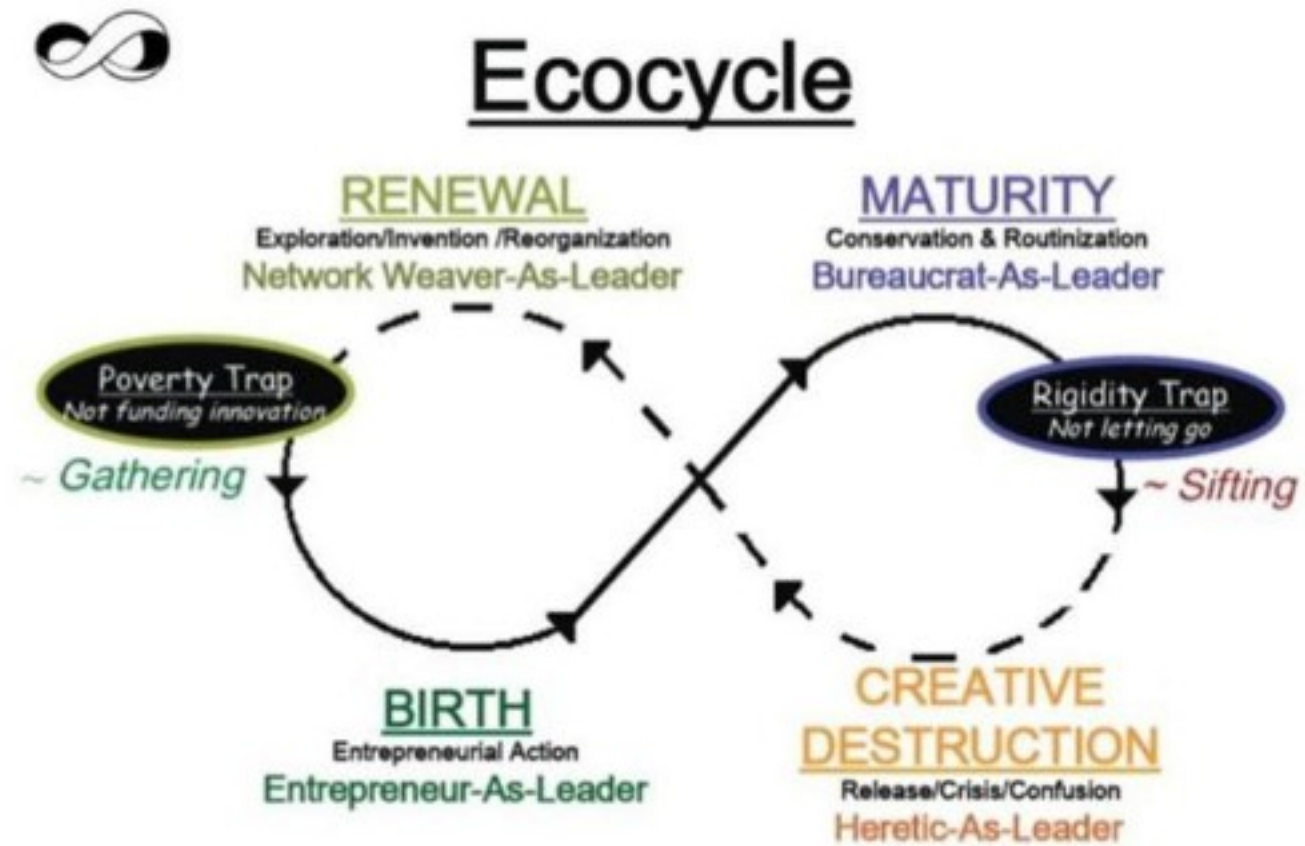
PARADIGM SHIFT



RESILIENCE



ADAPTATION



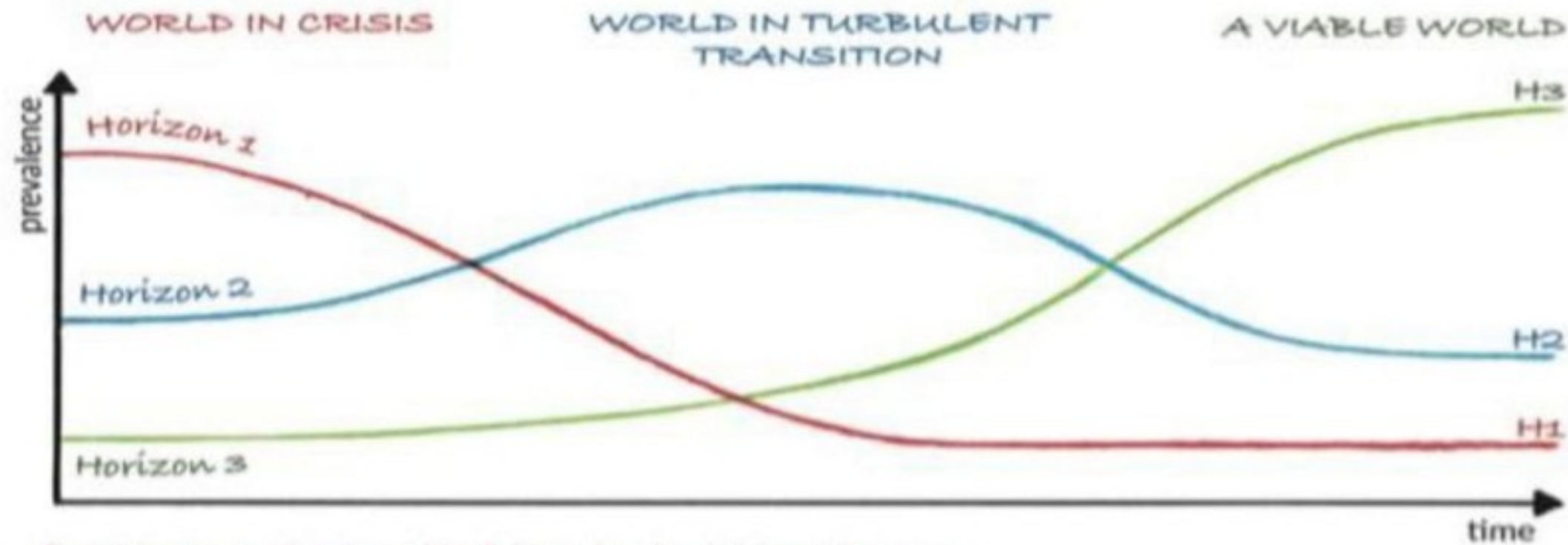
Adapted from Brenda Zimmerman,
EdgeWare & Getting To Maybe

<http://www.liberatingstructures.com/31-ecocycle-planning/>

McCandless and Lipmanowicz

THE FUTURE IN HORIZONS

THREE HORIZONS FRAMEWORK APPLIED TO THE TRANSITION TOWARDS A REGENERATIVE CULTURE



Sustaining innovation keeps 'the lights on' and maintains status quo.

Disruptive innovation identifies opportunities to change the scope of what is possible.

Transformative innovation facilitates the transition towards regenerative cultures.

SUMMARY

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- Futures thinking is a different mindset – about decisions today to shape the future
- Foresight can complement forecasting to assist in understanding the broader external environment and work with uncertainty – both lens are important
- Horizon scanning supports a broader understanding of the dynamic, changing environment and potential emerging and future risks

SUMMARY

- Future scenarios facilitate conversations and explore complexity and uncertainty to support decision-making and assist to gain a competitive advantage in future operating environments
- New narratives about the future can shape strategic planning, and support new opportunities for adaptation and building resilience



NEW MODEL

Emergency Management Futures Lab

Expand your horizon, understand emerging risk, and explore uncertainty to gain a strategic advantage in future operational environments!



BASELINE ASSESSMENT

Focus on futures literacy, assumptions, risk assessment, risk perception and strategic planning or design needs



ACTION LEARNING

A facilitated process to lock in learning and insights to move into action



WORKSHOPS

Anticipate, explore, generate insights, shape strategies and design for adaptation, resilience and impact

Navigate. Anticipate. Innovate.

DISASTER RISK MANAGEMENT AND SUSTAINABLE DEVELOPMENT

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