

Anticipatory Leadership and Global Trends

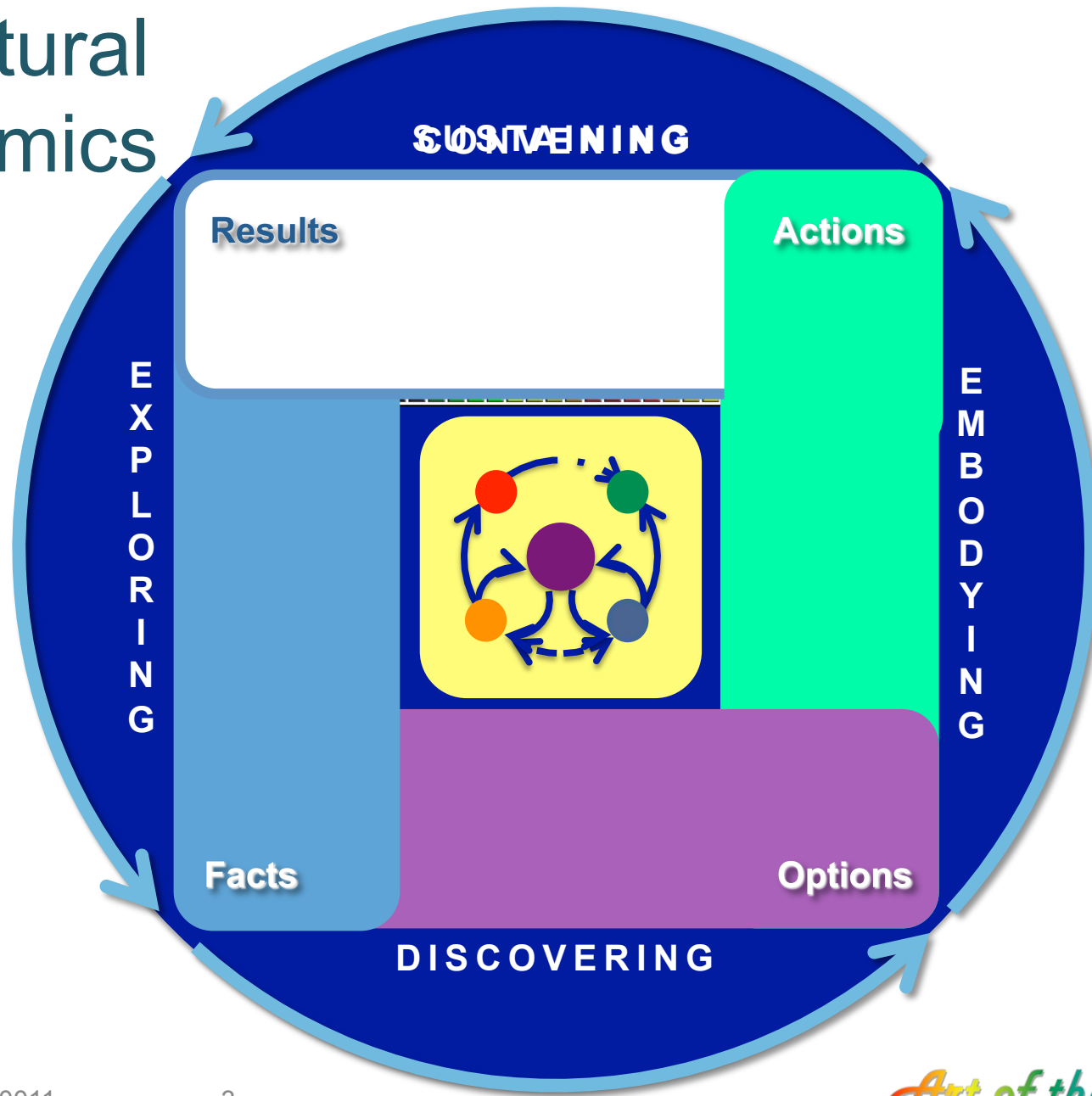


Environmental Scenarios and
Strategic Supply Chain Management

As strategic leaders, anticipating the future...

What impact does
climate change have on
supply chain management?

Structural Dynamics



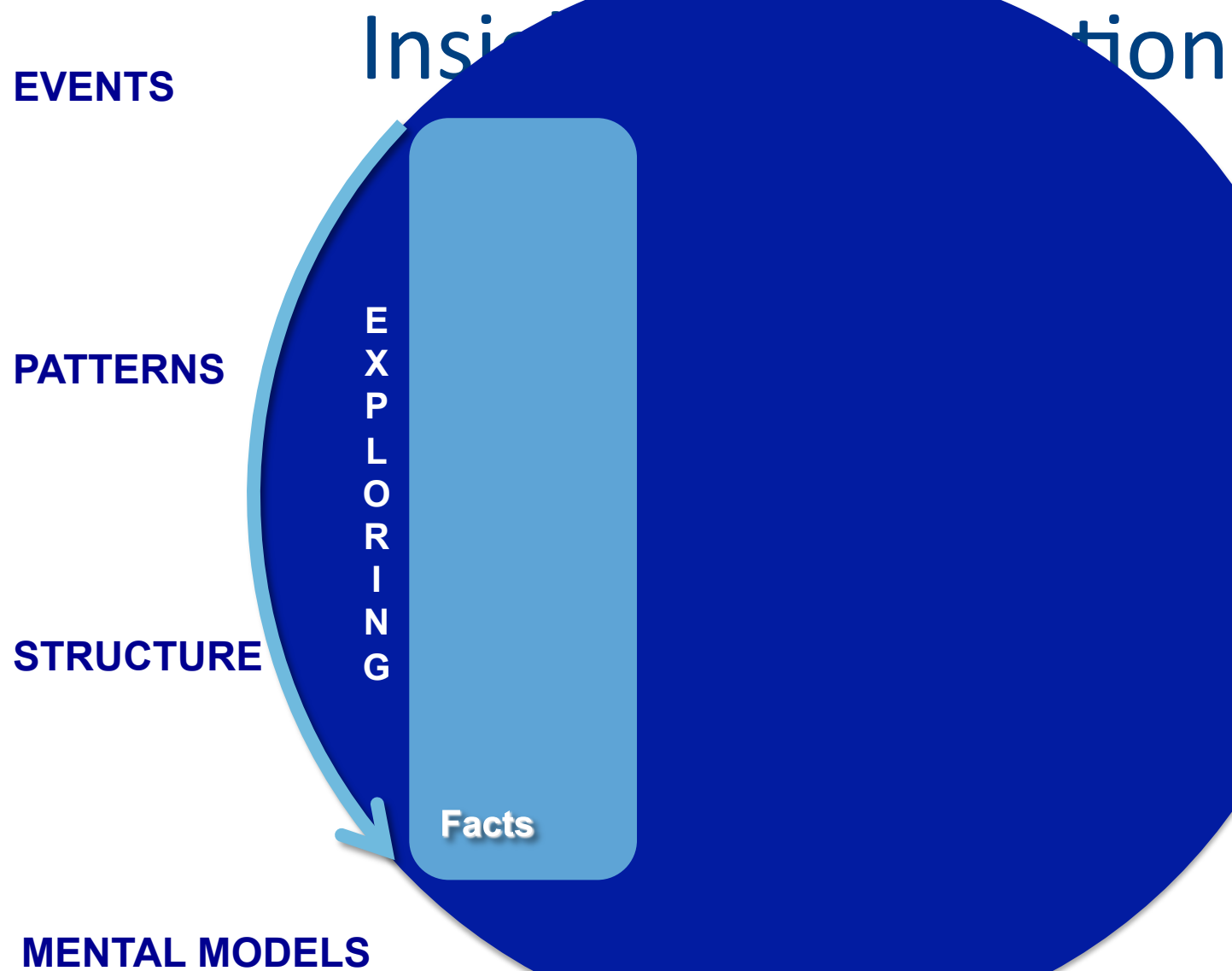
Climate Change - threat or myth?



Net Primary Productivity (kgC/m²/year)

0 1 2 3

www.pewclimatesecurity.org

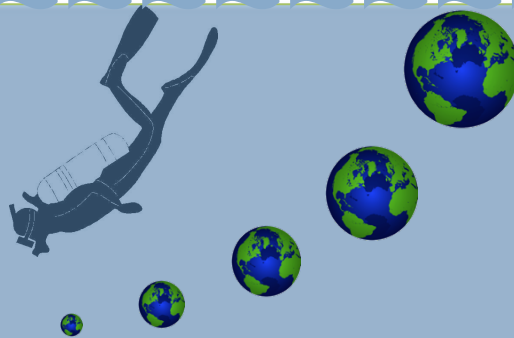


EVENTS



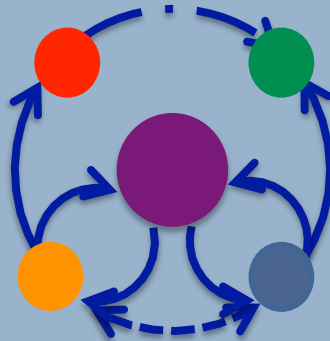
What you see, observe
What you experience
News headlines

PATTERNS



What's been happening
What's changing
Contrasts
Getting better
..or worse

STRUCTURE



Why this is happening
Reasons
Explanations
Causal connections...

MENTAL MODELS



How you think and see
Your perceptual filters

Events

Palin says
channel is "s

Weather Channel
CEO sues Al Gore

drive
ation and
increase food
ices globally

SUV sales
rebound

Most people
experience
normal
seasonal
changes

High and Low
record
temperatures
experienced in
many areas

na
ails t
ex

Em
Vehicle is front
page news

Critical Uncertainty

11 January 2020

*Future*te

Impact of Atmospheric CO₂

- **Critical**

- We are emitting more CO₂ into the atmosphere than it can absorb.

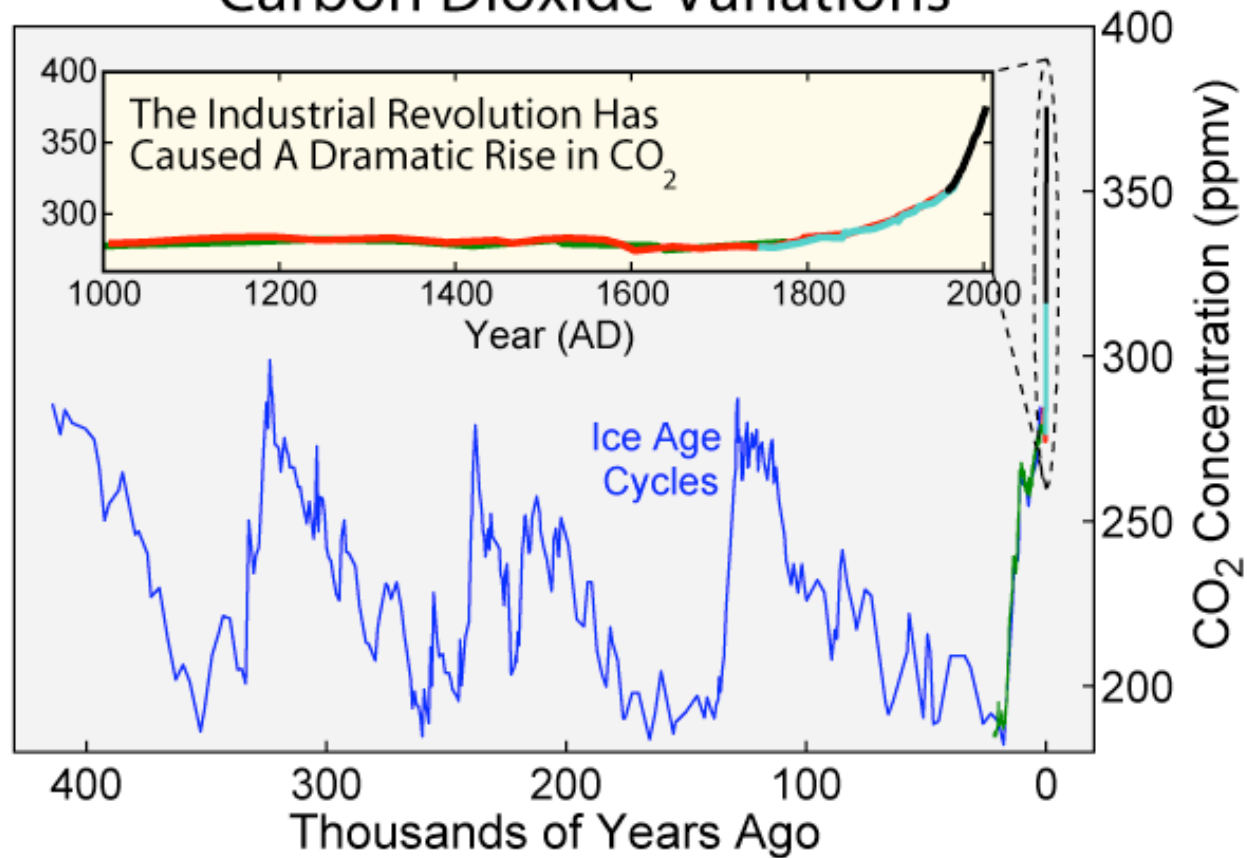
- **Uncertain**

- The nature of the impact, if any.
 - What can and should we do about?

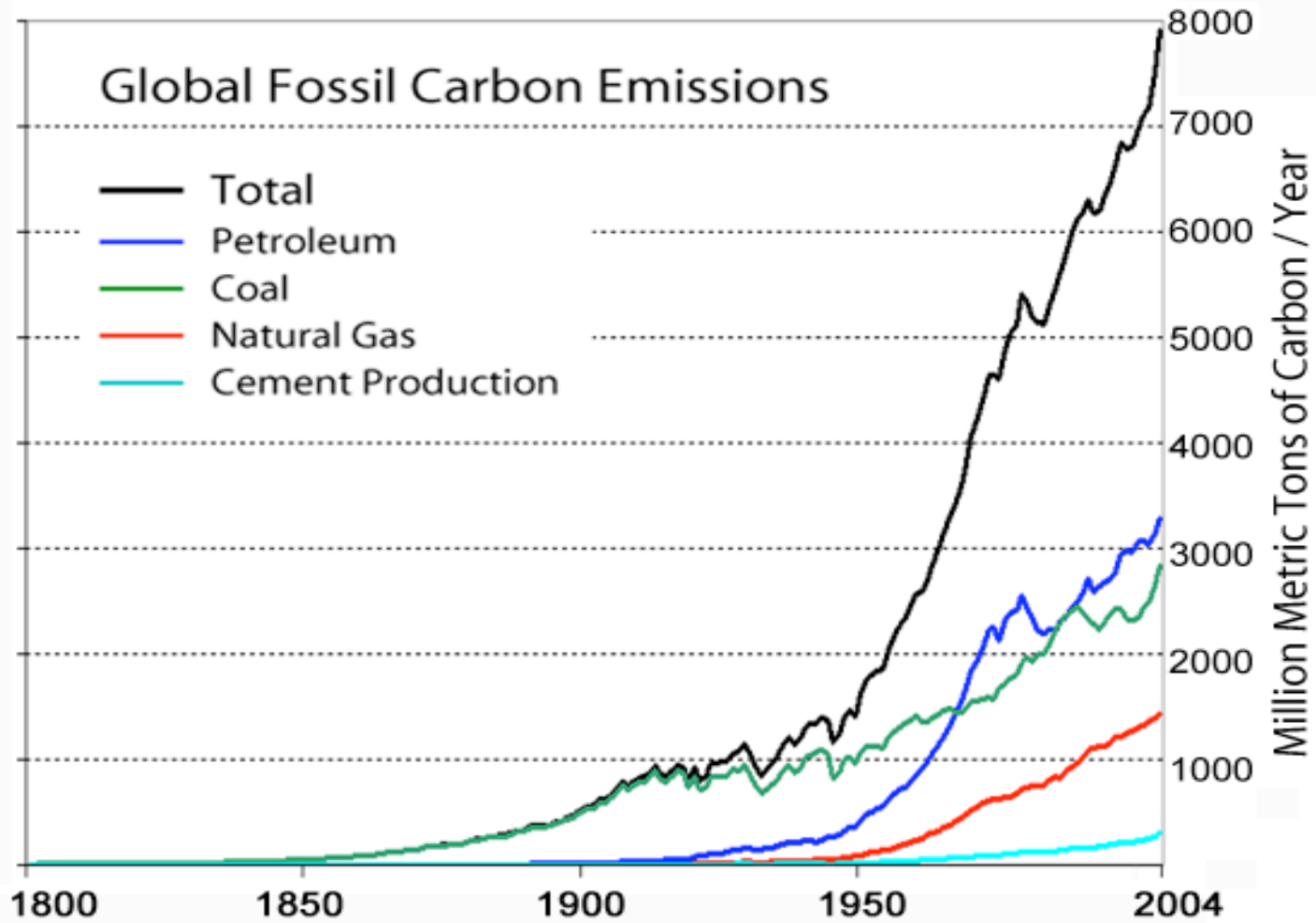
It is a Critical Uncertainty.

Patterns

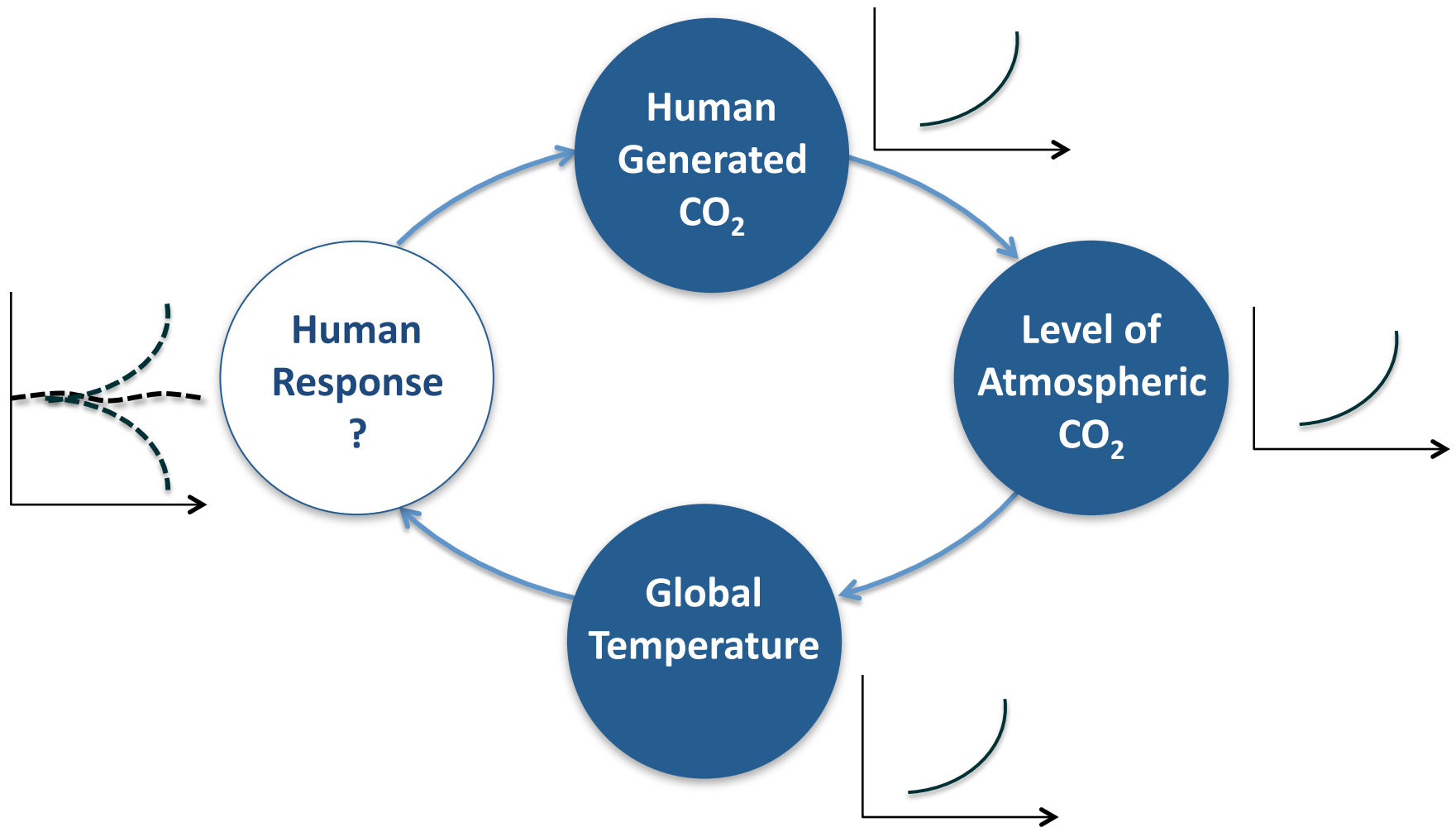
Carbon Dioxide Variations



Patterns



Structure



Abrupt

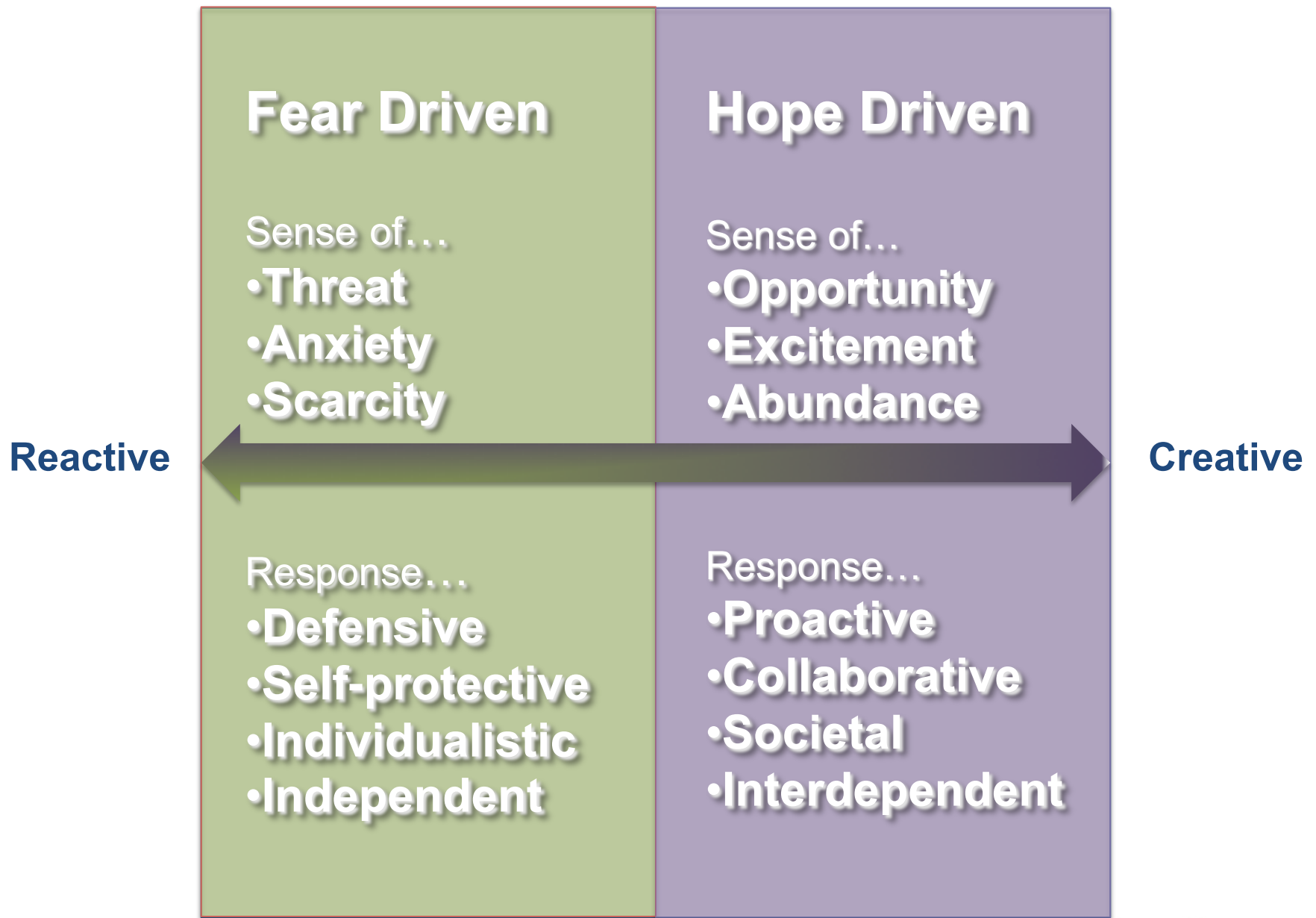
Transformational

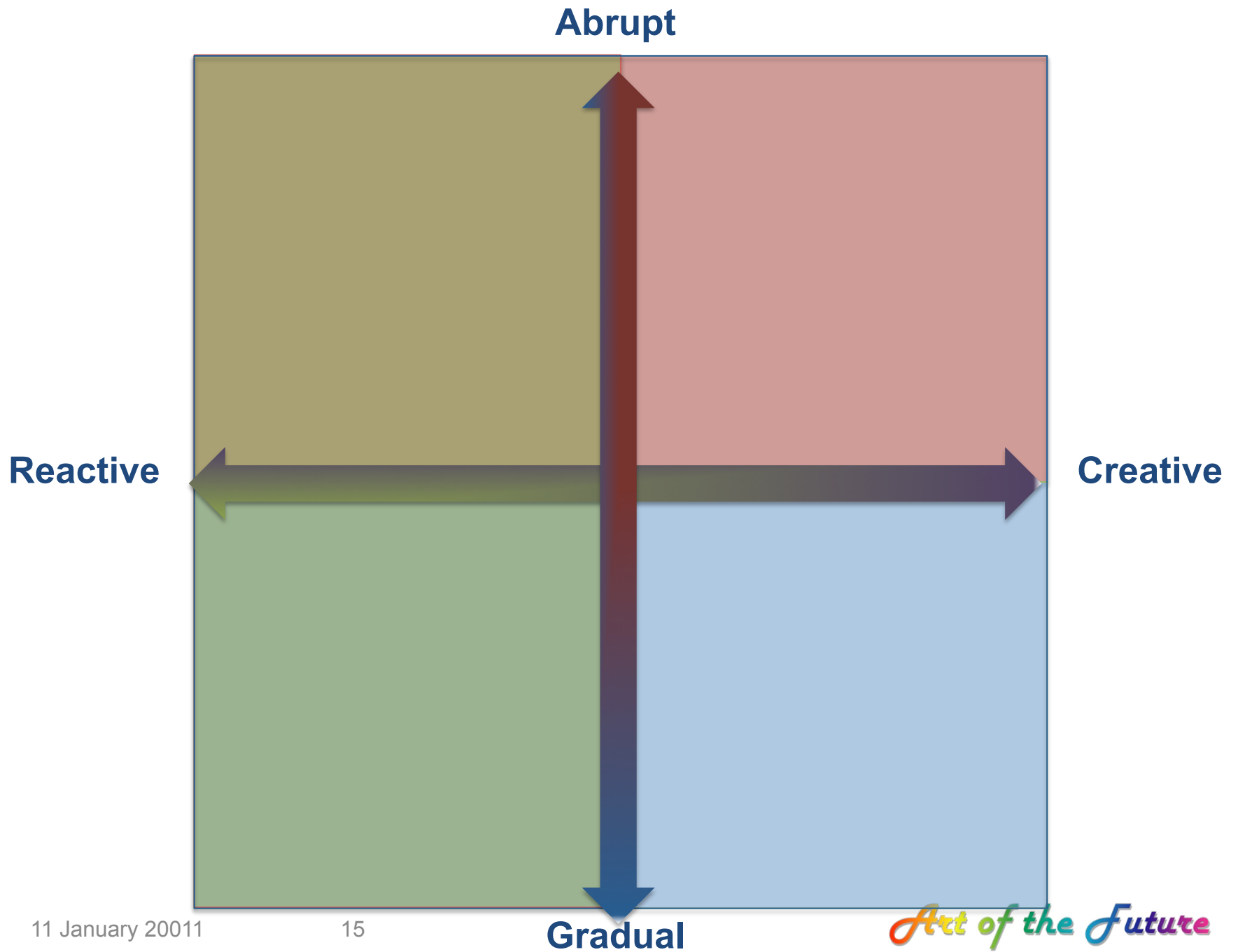
- Rapid
- Obvious
- Pervasive
- Revolutionary

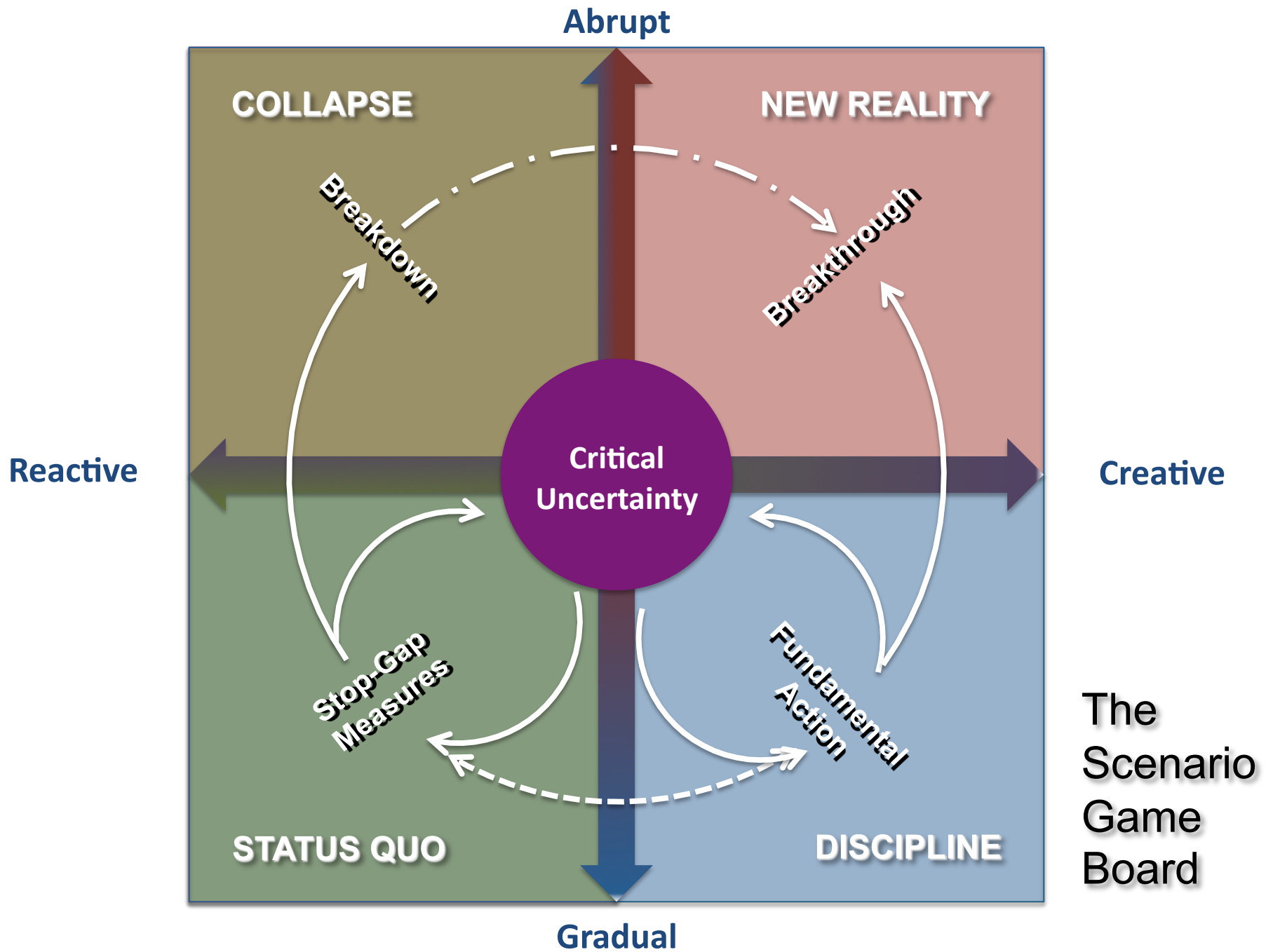
Unfolding

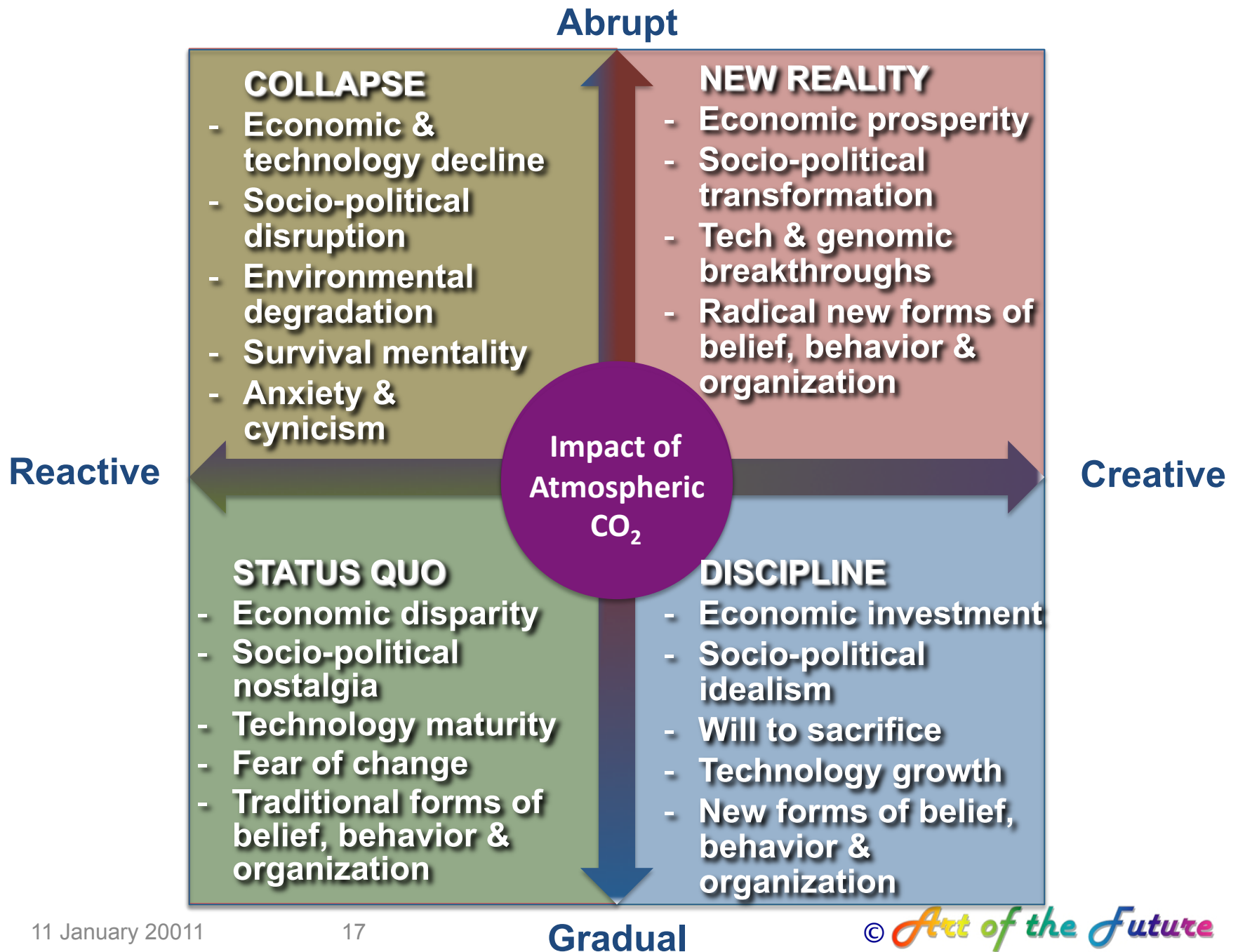
- Persistent
- Subtle
- Incremental
- Evolutionary

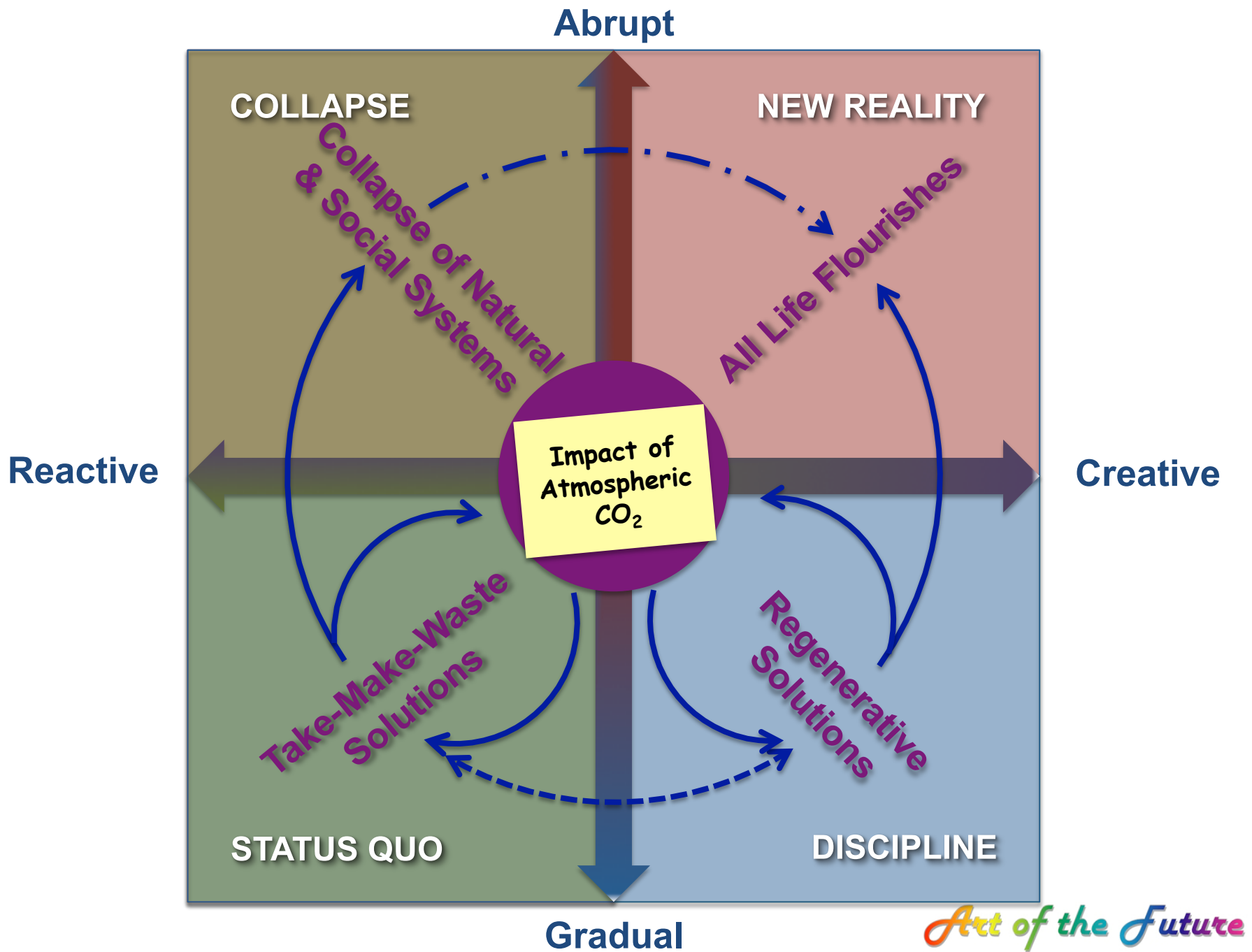
Gradual



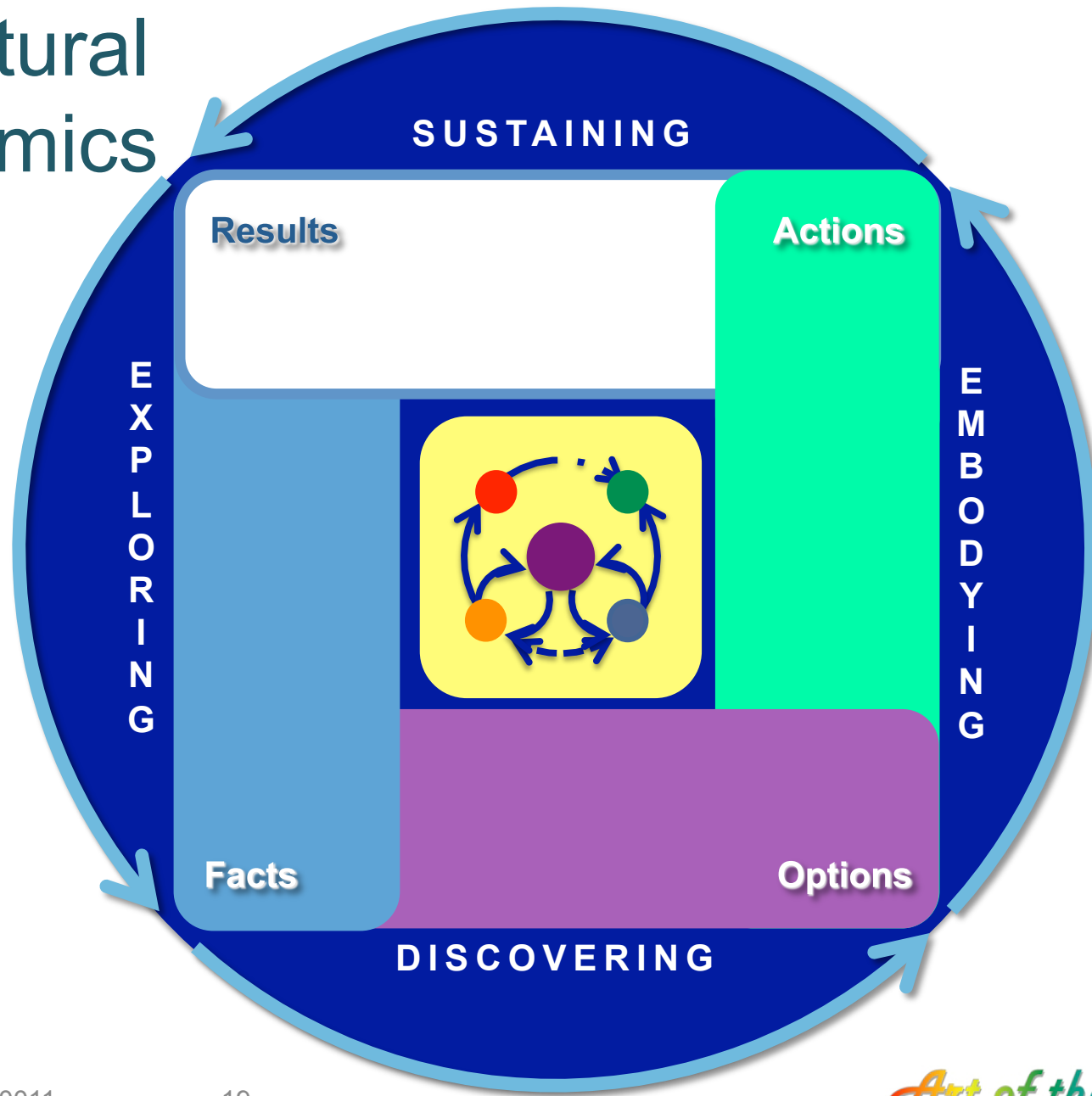








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Anika Savage

anika@artofthefuture.com
617 939-4728

Michael Sales

michael@artofthefuture.com
617 335-9776