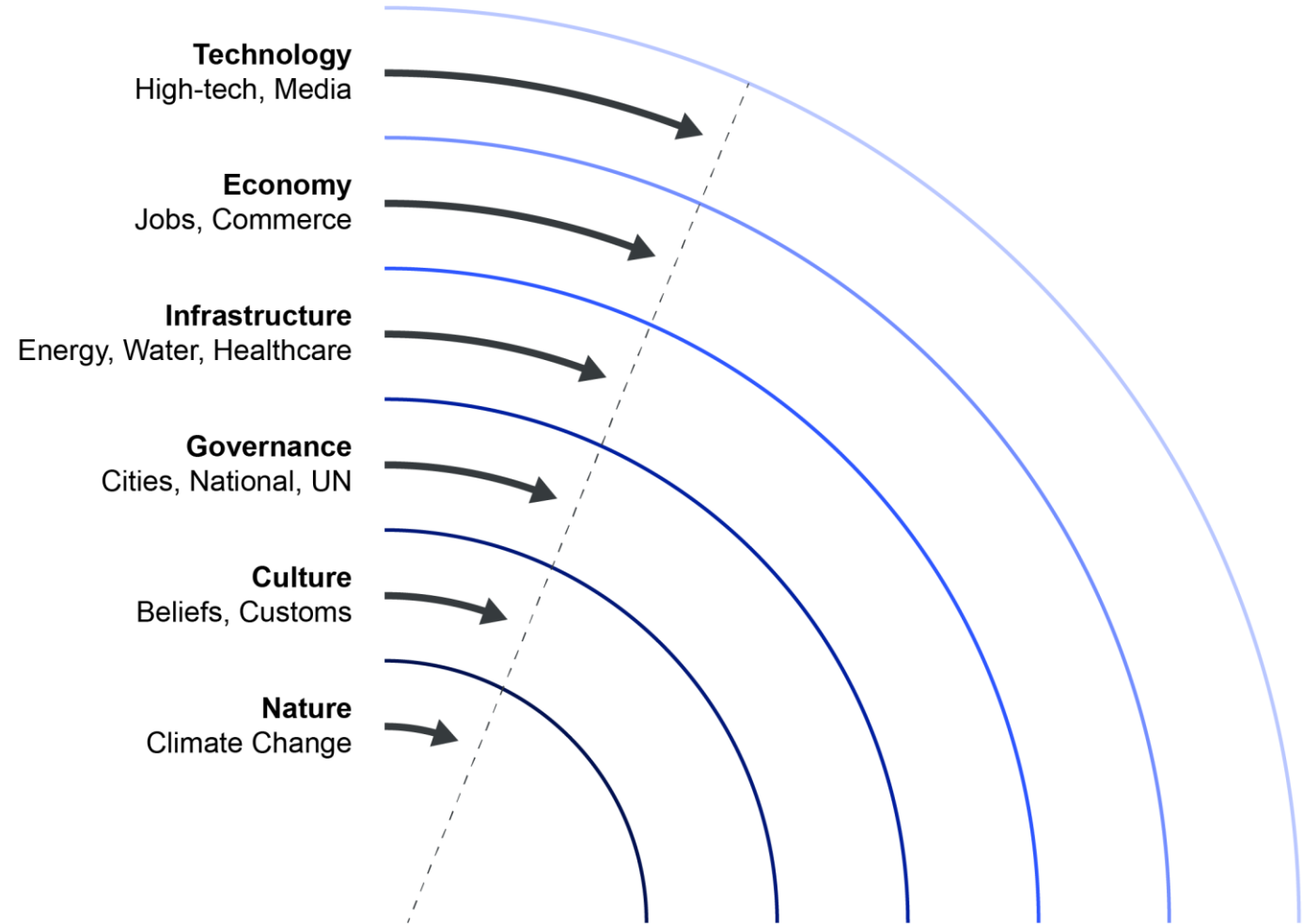


Pace Layers

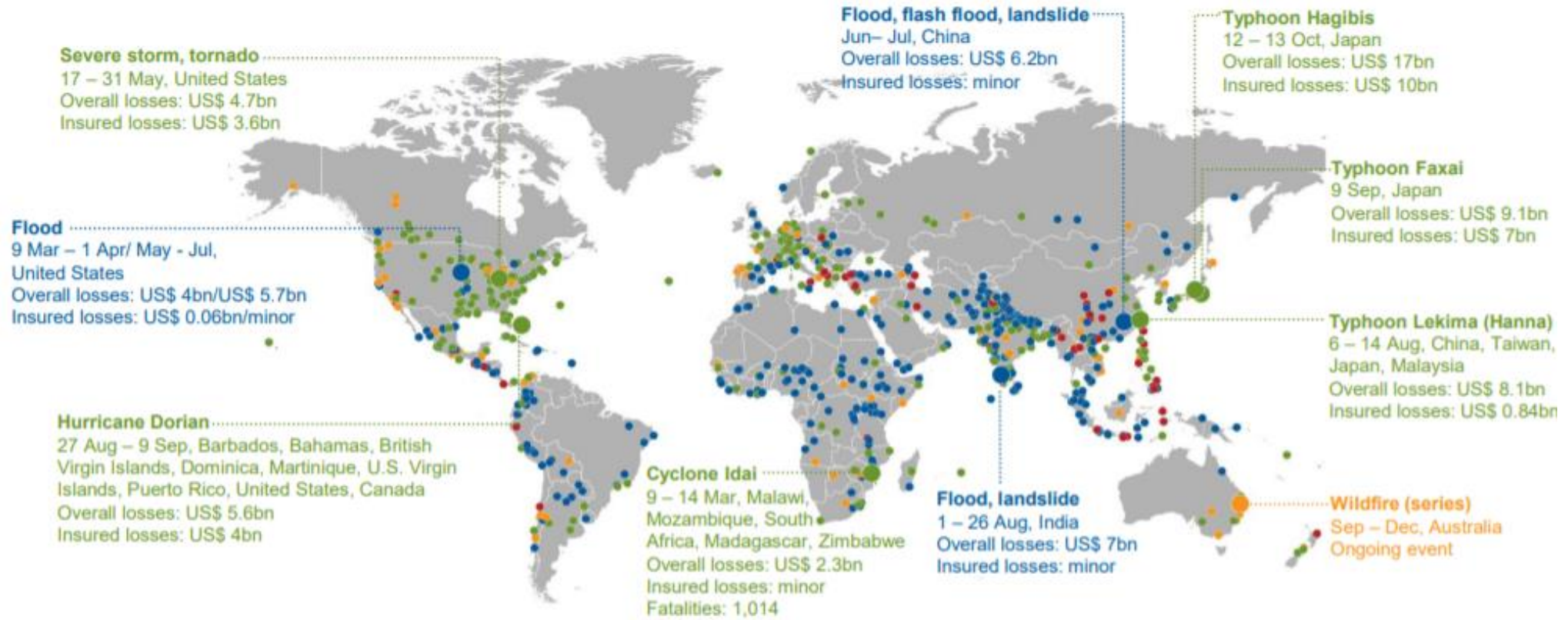
The social economy ecosystem has many layers, all of which change at different rates, the outer layers moving faster than the inner



Source: Stewart Brand, The Clock of the Long Now

Relevant natural catastrophe loss events worldwide 2019

Tropical cyclones, extreme storms and floods caused overall losses of US\$ 150bn



Geophysical events
Earthquake, tsunami, volcanic activity

Meteorological events
Tropical storm, extratropical storm, convective storm, local storm

Hydrological events
Flood, mass movement

Climatological events
Extreme temperature, drought, wildfire

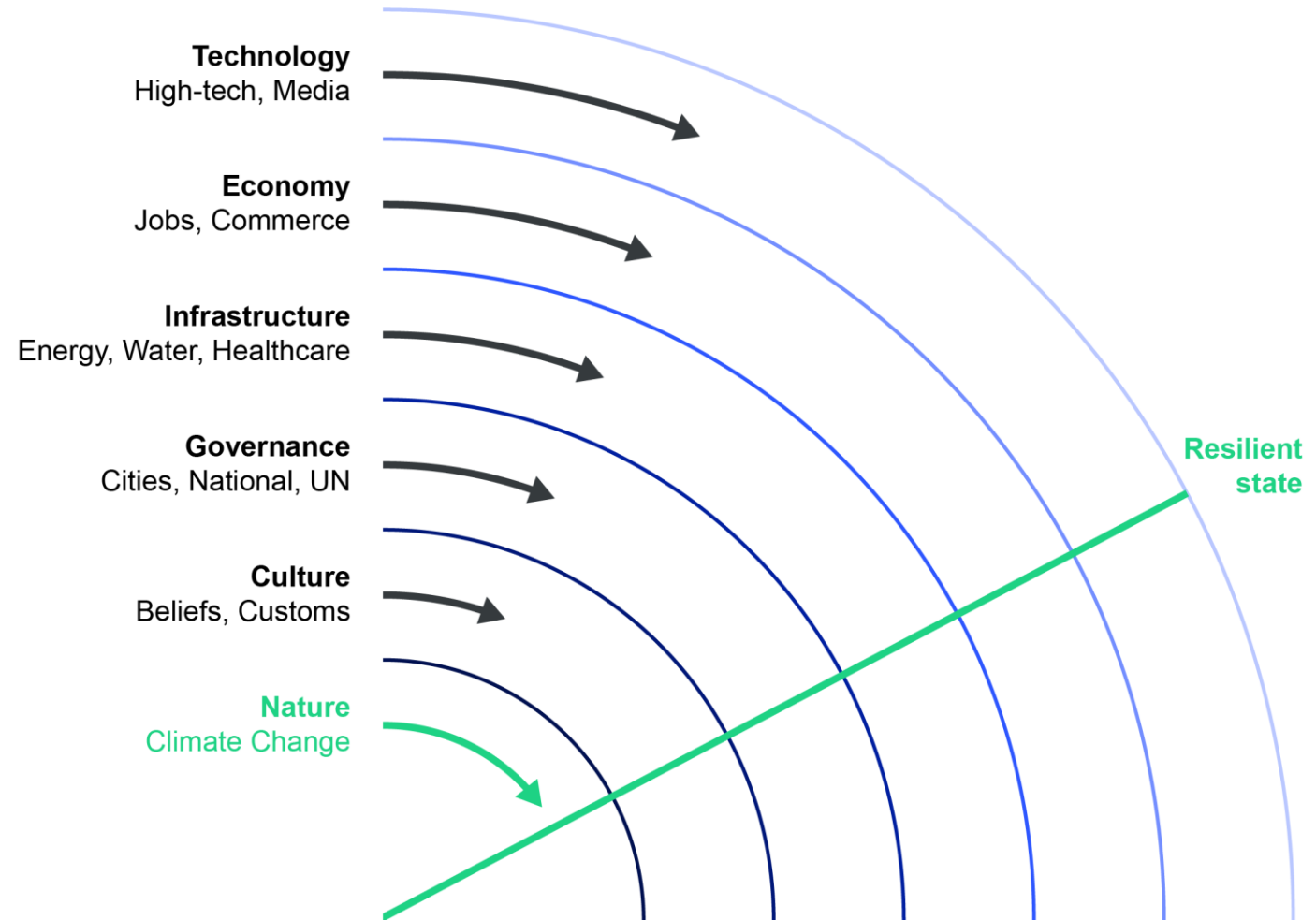
○ Significant catastrophes
○ Small, medium and large loss events

Source: Munich Re, NatCatSERVICE, 2019



The Need

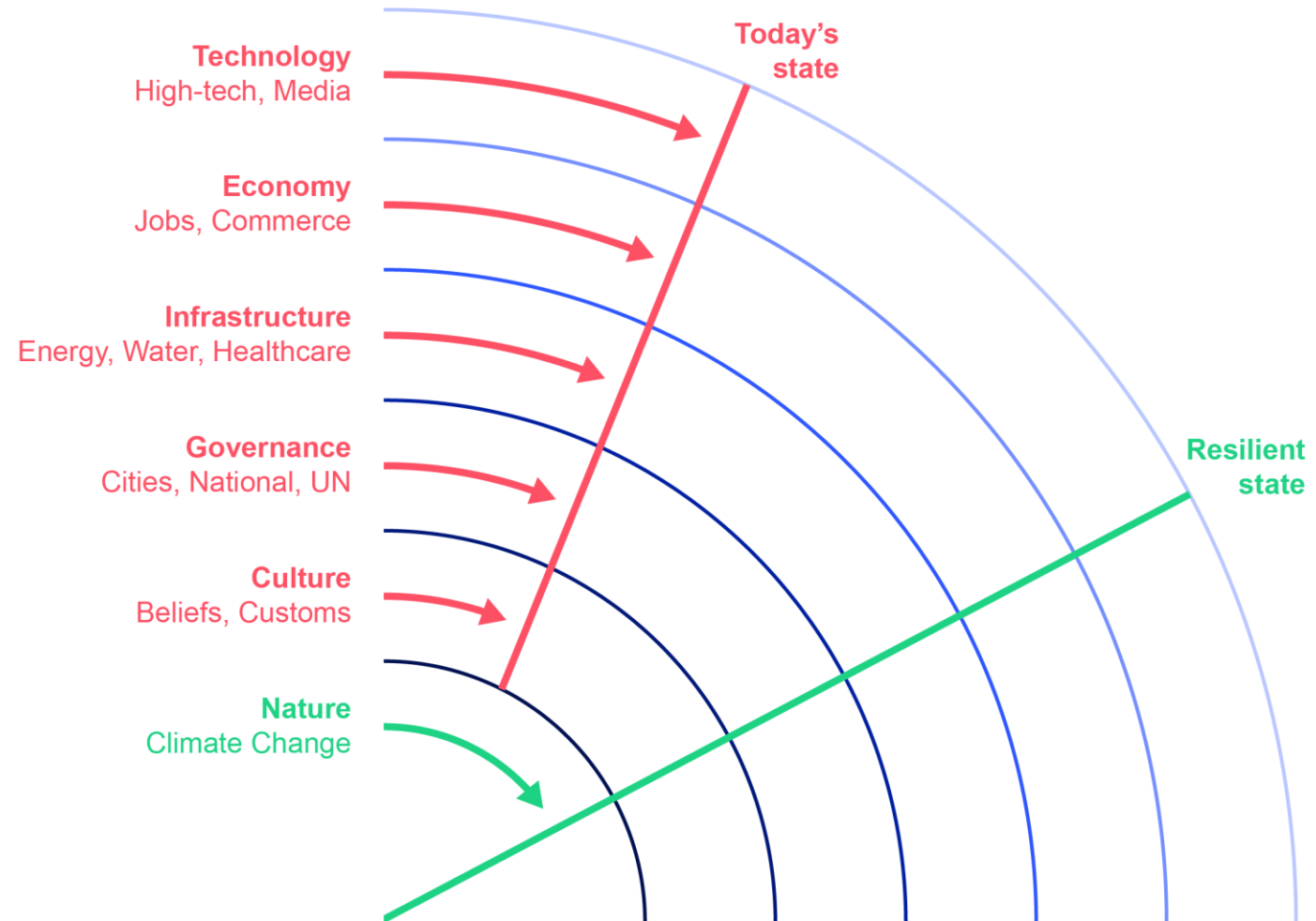
Climate change is driving need to accelerate progress in order to create a resilient state



Source: Stewart Brand, The Clock of the Long Now

The Gap

While there is progress, it is not fast enough to close the gap. The result is a tension between crisis response and long term investment in resiliency.



Source: Stewart Brand, The Clock of the Long Now