



CITIES SOLVE, CITIES DELIVER

Accelerating ~~Water~~ Action for
Resilient Cities

Sanitation

**NEW YORK
WATER WEEK**
18 - 24 of March 2023



sustainable
sanitation
alliance

Who We Are

Resilient Cities Network (R-Cities) is the world's leading urban resilience network.

We bring together global knowledge, practice, partnerships, and funding to empower our cities. Arm in arm with those member cities, we help them build a safer, more equitable, and sustainable future for all their residents.

Our mission is to reduce the vulnerability and improve the well-being of over **220 million urban dwellers** around the world.

97

Member cities worldwide

50M

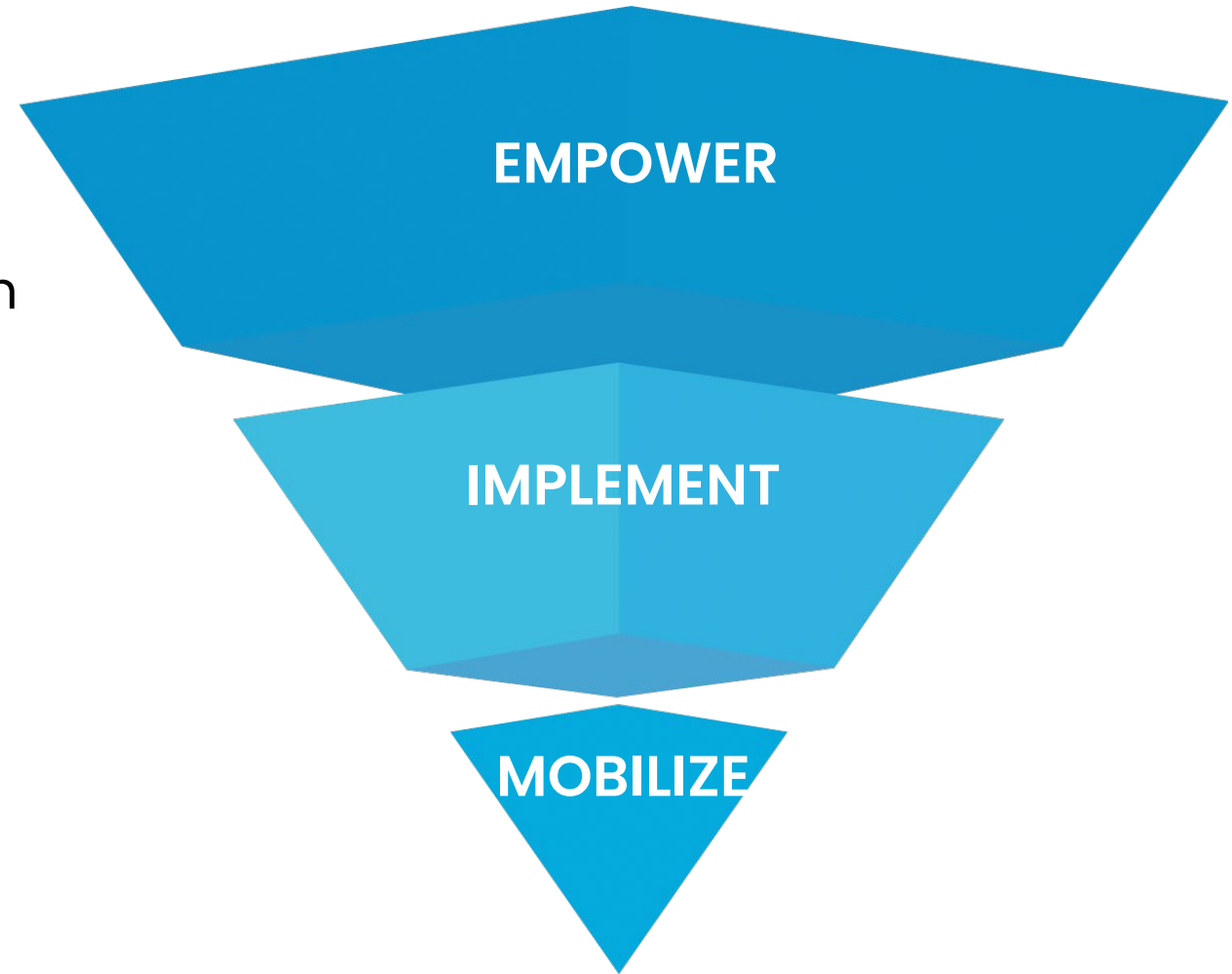
vulnerable residents' lives improved through R-Cities technical assistance to cities

\$10M

channeled through GRCN to invest in resilience projects directly in cities

How we build resilience

- We **empower** cities to institutionalize resilience through chief resilience officers and develop their resilience strategies. We promote cross learning between cities through **communities of practice**.
- We are on the ground delivering impact. We work with cities and partners to **implement** innovative solutions.
- We **mobilize investment** for solutions in cities through our Resilient Communities Impact Fund (RCIFund)



532 FRENCHMEN ST 10PM

Stop calling me

RESILIENT

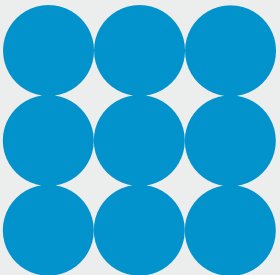
Because every time you say,
"Oh, they're resilient,"
that means you can
do something else to me.

I am not resilient.

Trace L. Washington - Louisiana Justice Institute

What is Resilience?

The capacity of individuals, communities, institutions, businesses, and systems to **survive, adapt, thrive**, no matter what kinds of chronic stresses and acute shocks they experience.



CHRONIC STRESSES

are slow moving and weaken the fabric of a city



climate change



poverty



food insecurity



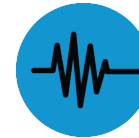
economic inequality



homelessness

ACUTE SHOCKS

are sudden, sharp events that threaten a city.



earthquakes



flooding



fires



terrorist attacks



disease outbreaks

A different trajectory



Shocks and stresses can bring opportunities to **evolve** and to **transform**.

We strive to have disruptions and downturns lead to bouncing forward and building back better.



Resilience Qualities

Resilient systems exhibit certain qualities that enable them to withstand, respond, and adapt more readily to shocks and stresses.

REFLECTIVE



Past experiences inform future decisions and actions.

INCLUSIVE



Broad and meaningful engagement – aiming to create a sense of shared ownership among stakeholders.

INTEGRATED



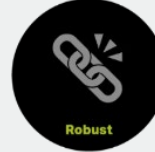
Connections between systems and institutions are harnessed to generate multiple benefits.

FLEXIBLE



Alternative strategies can easily be adopted to deliver services, depending on the circumstances.

ROBUST



Systems are well-conceived, constructed and managed. Any failure is predictable, safe, and proportionate.

RESOURCEFUL



Seeking better ways to use existing resources, both in good times and bad.

REDUNDANT



Spare capacity exists to allow continued functioning even when disrupted.

City Resilience Framework

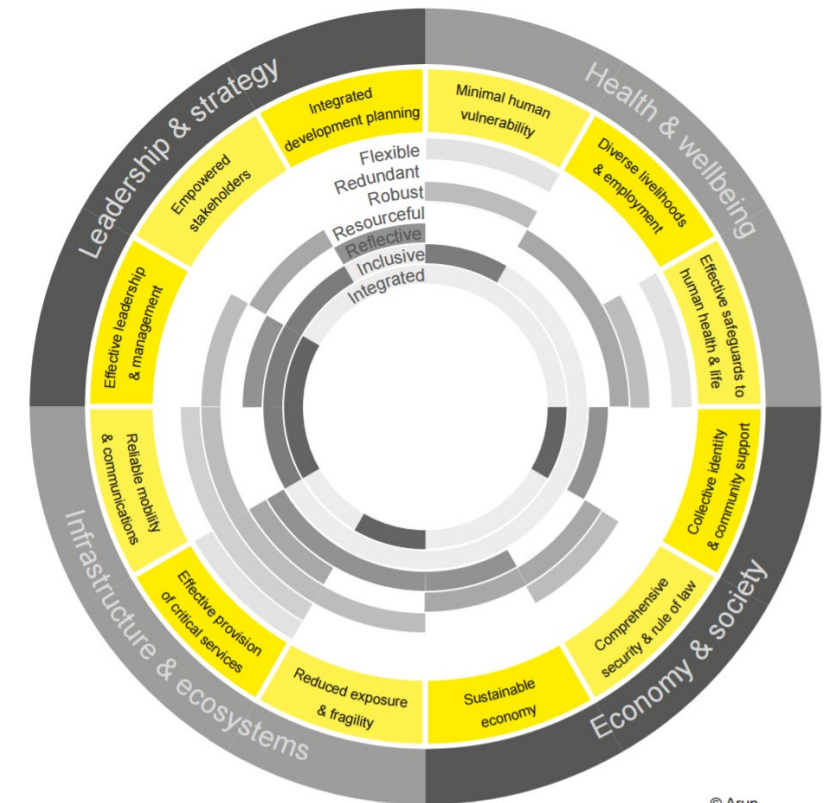
The 12 drivers in the City Resilience Framework collectively determine the city's ability to withstand a wide range of shocks and stresses



City Resilience Index

Is the tool build on the CRF that allows cities to understand and measure their resilience

<https://youtu.be/hLPcDfDWKes>



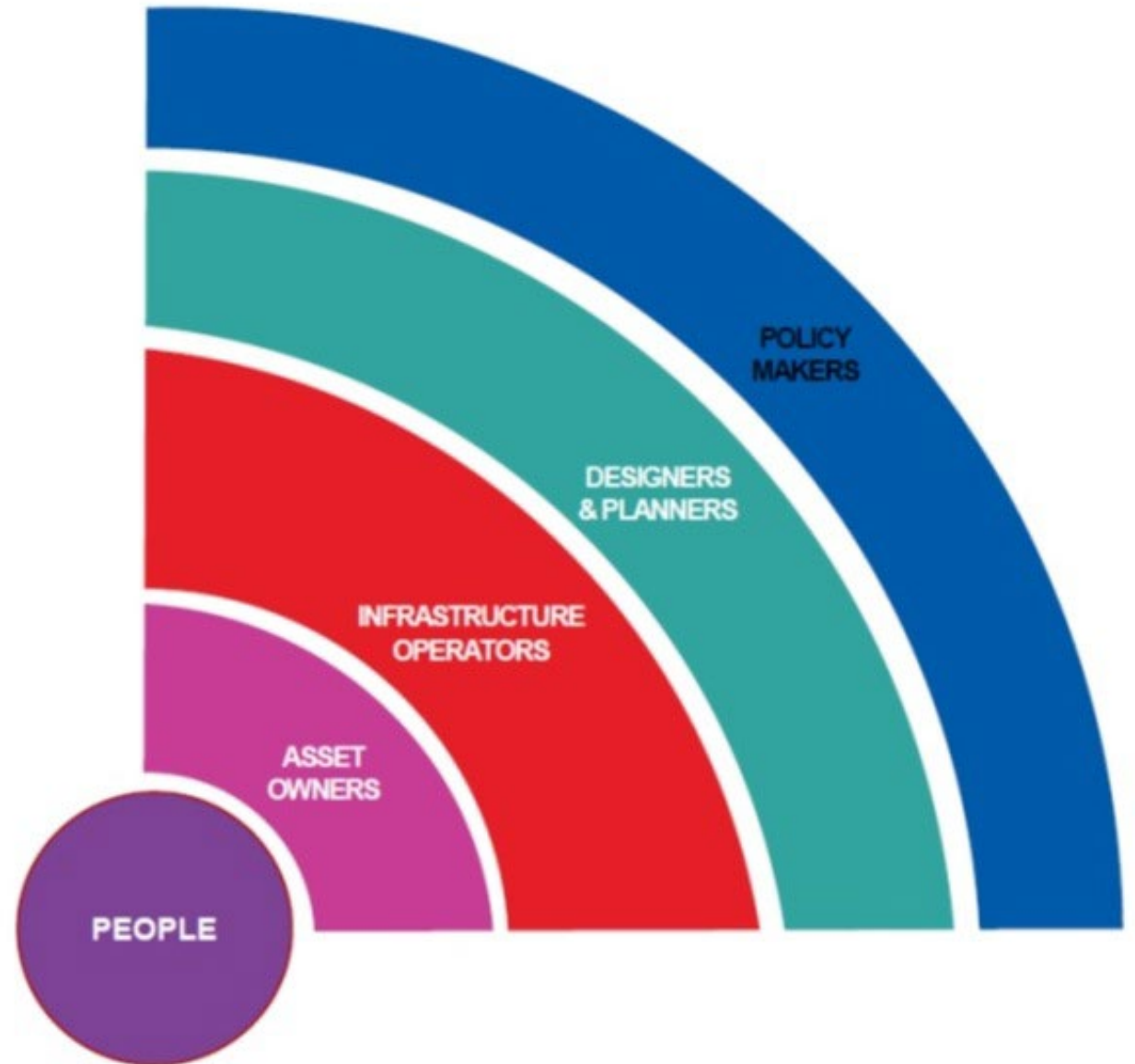
Sanitation System



Resilience for Whom?

Our focus is on improving outcomes for the health, wellbeing, livelihoods and opportunity of **people**, especially the poor and most vulnerable.

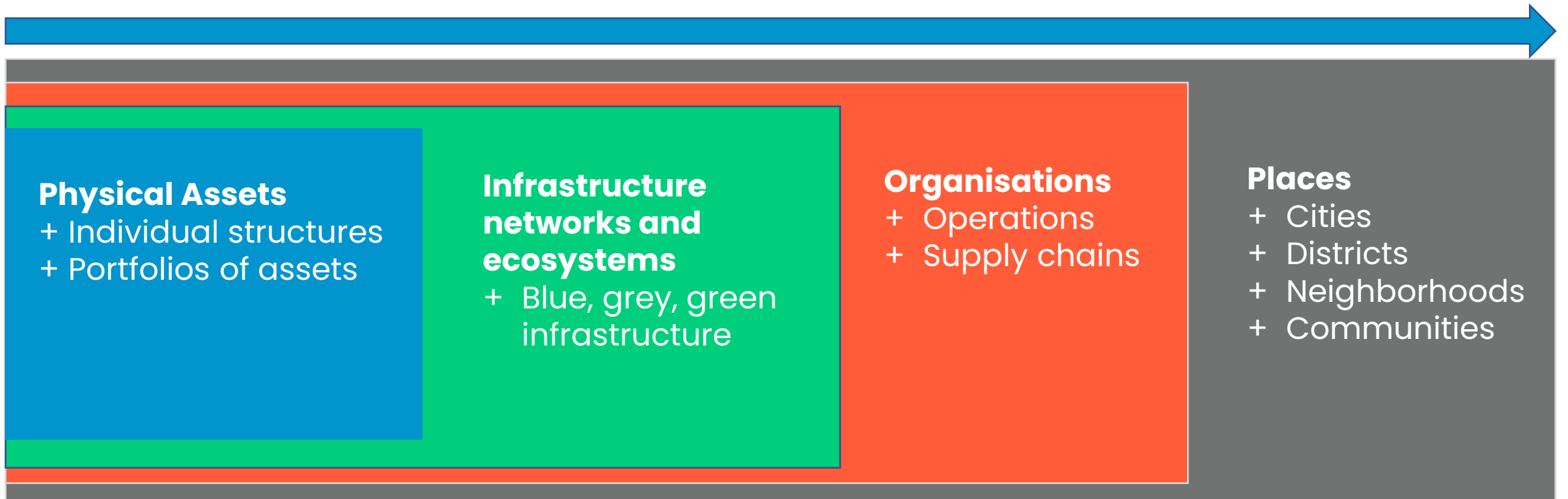
This requires an integrative approach to building resilience, working across sectors, breaking down silos, from policy to design to critical infrastructure, operation, asset management



Resilience of What?

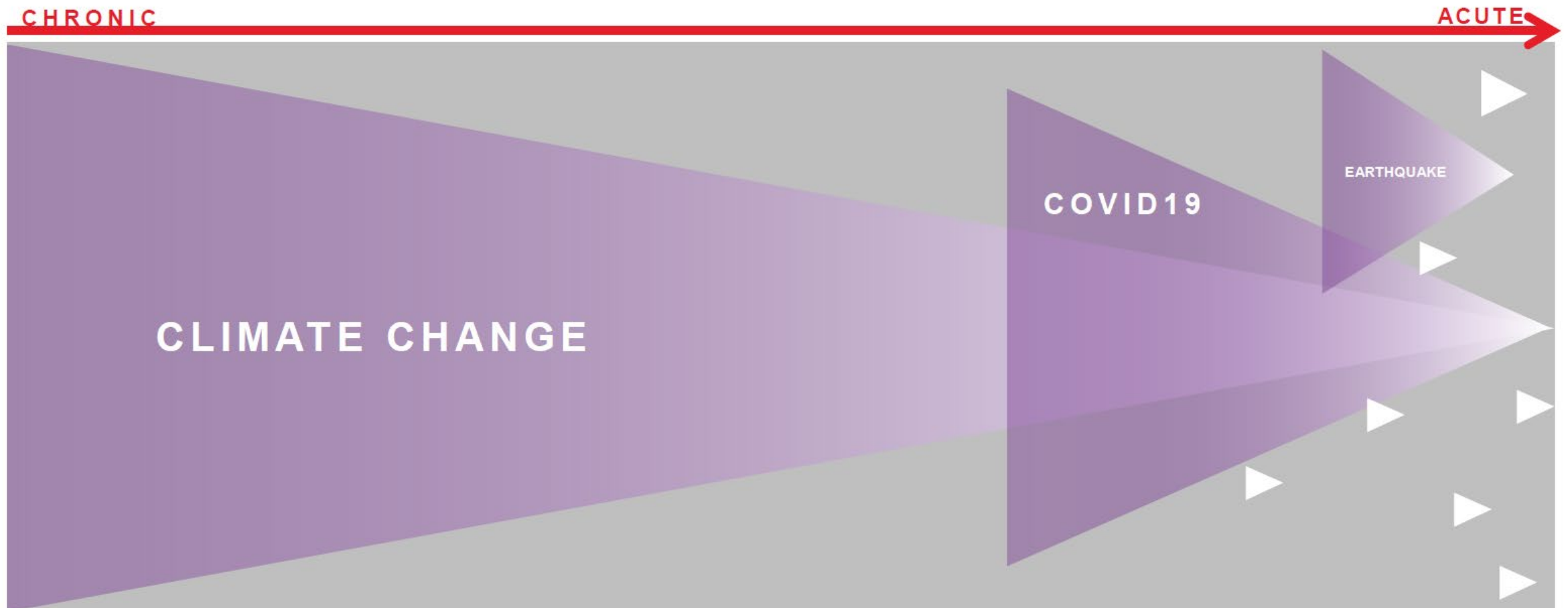
Building resilience of systems

Increasing Scale



Resilience to What?

A spectrum of shocks and stresses



So what?

Systemic approach to resilience

People and society are part of the system, so is the natural environment and infrastructure. Incorporate systems thinking into decision-making, take into account shocks and stresses.

A long-term approach to resilience

Do the right thing at the right time. Assess actions and build projects based on long-term environmental, social and economic benefits

Resilience building is not only physical interventions

It's the policy, standards, processes, operations.... Craft integrated and holistic interventions and engage with diverse stakeholders and make sure that every intervention has an explicit focus on equity and inclusion. Resilience is about trust and relationships and acknowledging that nobody can build resilience alone

Understand risk and accept uncertainty

Look for no regret's interventions. Consider the counter-factual. There will be new and unforeseen challenges.





