



Resilient Sydney

PIONEERED BY THE
ROCKEFELLER FOUNDATION

100

RESILIENT

CITIES

A metropolitan Sydney collaboration

RESILIENT

SYDNEY

100 RESILIENT CITIES



Bangkok, Thailand

To help cities respond to the impacts of three worldwide trends:

URBANIZATION

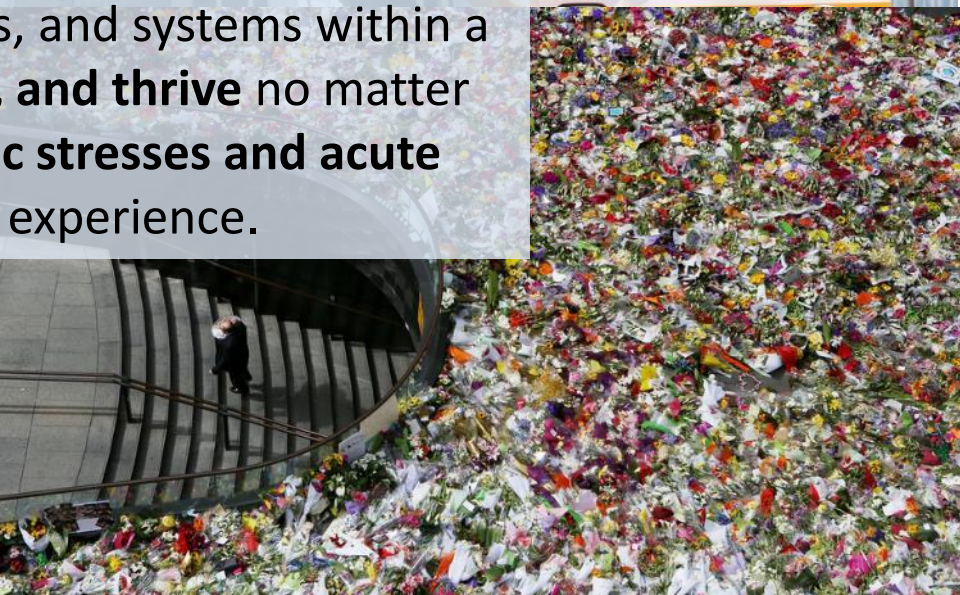
GLOBALIZATION

CLIMATE CHANGE





Urban resilience
the capacity of individuals, communities, institutions, businesses, and systems within a city to **survive, adapt, and thrive** no matter what kinds of **chronic stresses and acute shocks** they experience.



100RC process for Sydney

Phase
1

**Preliminary
Resilience
Assessment**

**Phase I
Nov 2015 –
Aug 2016**

Phase
2

**Engagement
and develop
Strategy**

**Phase II
Aug 2016 –
Dec 2017**

Phase
3

Implement

**Phase III
2018 +**



Metropolitan Sydney – working together

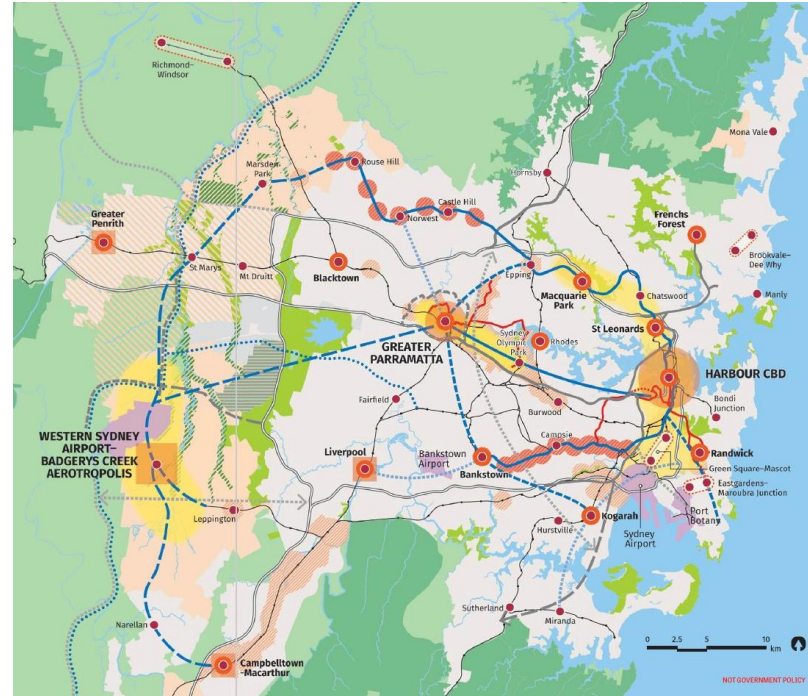
The program began in 2015 with an Agenda Setting Workshop with 40 of 41 then councils, NSW Government, business and community sector representatives. Program governance is:

Steering Committee representation

- 5 Districts of Sydney – Council CEOs/GMs
- NSW Government
- Business, Community sector
- 100 Resilient Cities

Resilience Ambassadors - working group

- Representatives from each of Sydney's metro Councils

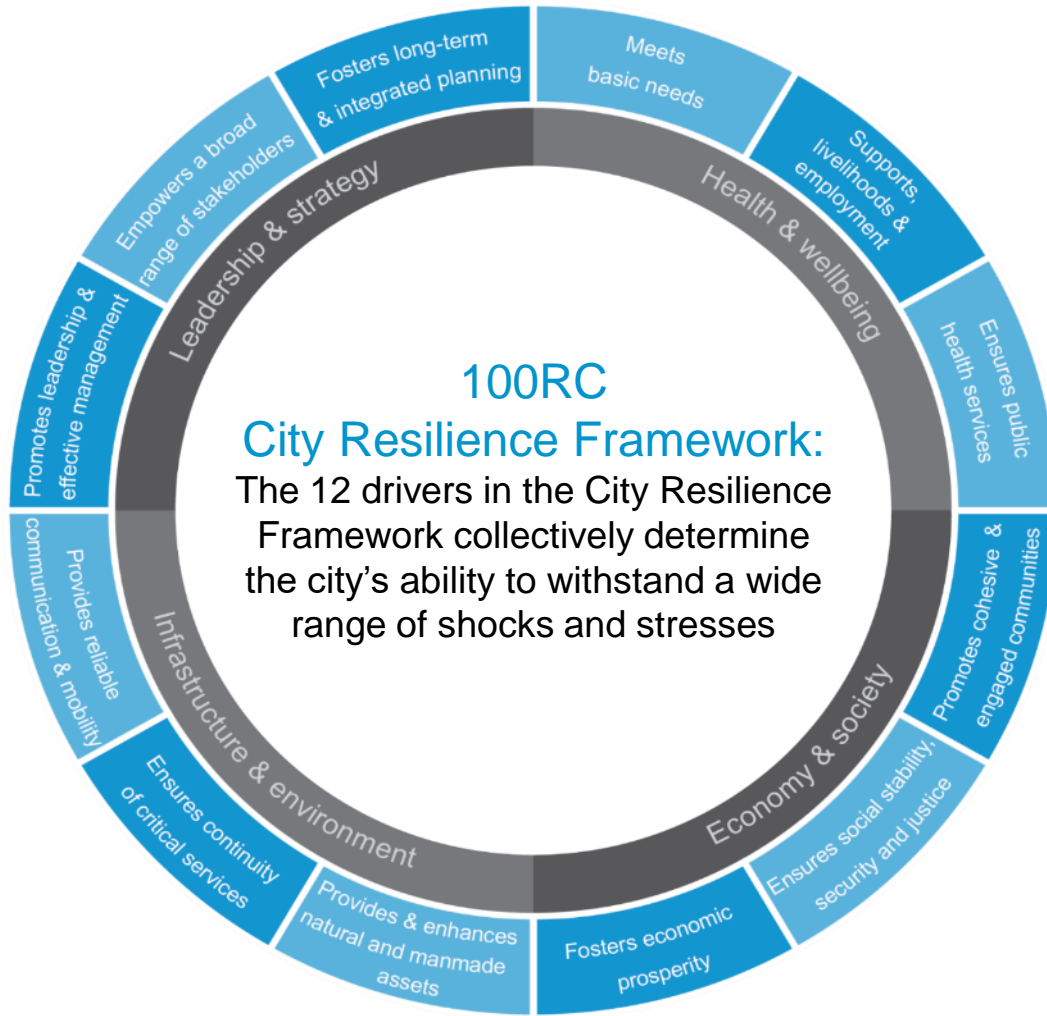


Greater Sydney Region Plan 2018
Greater Sydney Commission



An aerial photograph of Sydney, Australia, showing the city's dense urban landscape, the Sydney Opera House, and the surrounding water. The image is overlaid with a large white circle containing text.

**Background –
developing
the strategy**





Sydney's Major Acute Shocks





SYDNEY

A white icon of a person sitting in a hospital bed with a heart rate monitor.

Chronic disease

A white icon of a house with a keyhole.

Housing affordability

A white icon of a magnifying glass over a person silhouette.

Employment diversity

A white icon of two hands, one larger than the other, representing support or unity.

Social cohesion

A white icon of a medical syringe.

Drug & alcohol abuse

A white icon of a group of people with a medical cross on the front person.

Health services demand

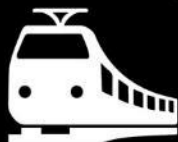
Sydney's Major Stresses

A white icon of a person silhouette.

Inequity

A white icon of a train on tracks.

Transport diversity



Railways



Commercial structures



Water supply



Health infrastructure



Communication networks



Wastewater
Stormwater



Energy network



Airports

Sydney's most vulnerable assets

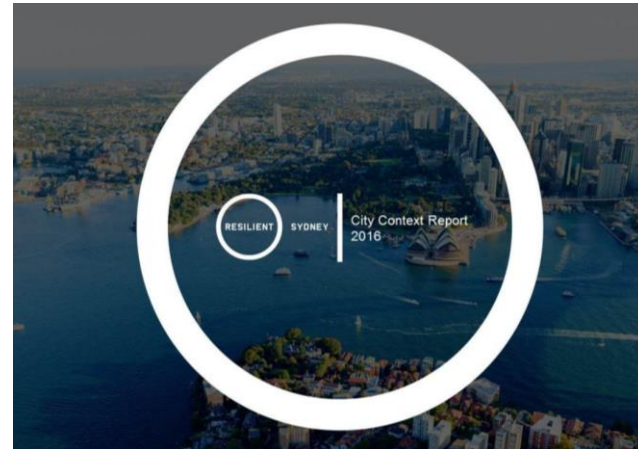
What makes Sydney vulnerable?

- **Growing inequity and differential opportunity across the city**
- **Lack of action adapting to heat and climate**
- **Declining social cohesion**
- **Community understanding & preparedness for emergencies**
- **Governance fragmentation and distrust**

Setting the challenge

Publications on resilience at metropolitan Sydney scale:

- Preliminary Resilience Assessment, Sydney 2016
- City Context Report, Sydney 2016



Resilience approach and process in Sydney

1. **Understand: city scale vulnerabilities & community risks**

Sydney's metropolitan scale shocks and stresses were identified

2. **Include: those most affected in decision-making**

Over 1,000 residents and stakeholders engaged – across metro area

Participants guided resilience priorities and potential solutions

Strategy goals and actions sourced through engagement process

3. **Diversify: to mitigate risks, collaborate for multiple benefits**

Strategy defines collaborative actions to reduce vulnerabilities

Involve partnerships between government business, community to

build resilience

An aerial photograph of Sydney, Australia, showing the city skyline, the Sydney Opera House, and the harbor. The image is overlaid with a large white circle containing the text.

**Draft
Resilient
Sydney
Strategy**

Draft Resilience Strategy for Sydney

Vision:

Metropolitan Sydney is **connected, inclusive, resilient**.
We are **one city**.

Mission:

Sydney will understand and be prepared to manage our resilience challenges.

5 Directions for Action:

There will be five directions to build collaboration, adaptation, innovation and investment for resilience.

Draft Resilience Strategy for Sydney

AWARE

INTEGRATED

ADAPTIVE

DIVERSE

SELF-REGULATING



Markets & Business, Government, Communities, NGOs



**People
centred city**

**Live
with our
Climate**

**Get
ready**

**Connect for
strength**

One city

Draft Resilience Strategy for Sydney

- Call to action will be for collaboration
- Resilience as a process, and a goal

Call to action will be directed at different city sectors:

- 1 resilient city
- 5 resilient districts
- 100 resilient organisations – business, government
- 100,000 ready households – ‘Get ready’ for emergencies

The draft strategy has 5 flagship and 30 supporting actions to improve resilience.



Next steps – 2018 transition

Moving from strategy development to delivery:

- Strategy actions now being refined
- Partners working together to define projects
- Identifying funding for actions across Sydney
- Establishing reporting processes to monitor city resilience
- Clarifying governance and role of the Resilient Sydney Office to facilitate and deliver the strategy.

The strategy will be released in 2018.





#Resilient Sydney

One of the 100 Resilient Cities pioneered by the Rockefeller Foundation

