

SYDNEY

RESILIEN



#ADRC21

## The Resilient Sydney story 2015-2021

A place-based systems approach to resilience



#### Acknowledgement of Country

and acknowledging the resilience of First Nations communities







## **Overview – Resilient Sydney**

#### Program 2015 – 2021:

- Global city competition 100RC Rockefeller Foundation funded grant
- Metropolitan Sydney 33 Councils
- Steering Committee 'Metro Board'
- Global org provided tools, frameworks
   and methodologies strategy developed
- Small facilitating team, senior exec lead
- Network of networks change model
- Hosted by City of Sydney, funded by all metro councils



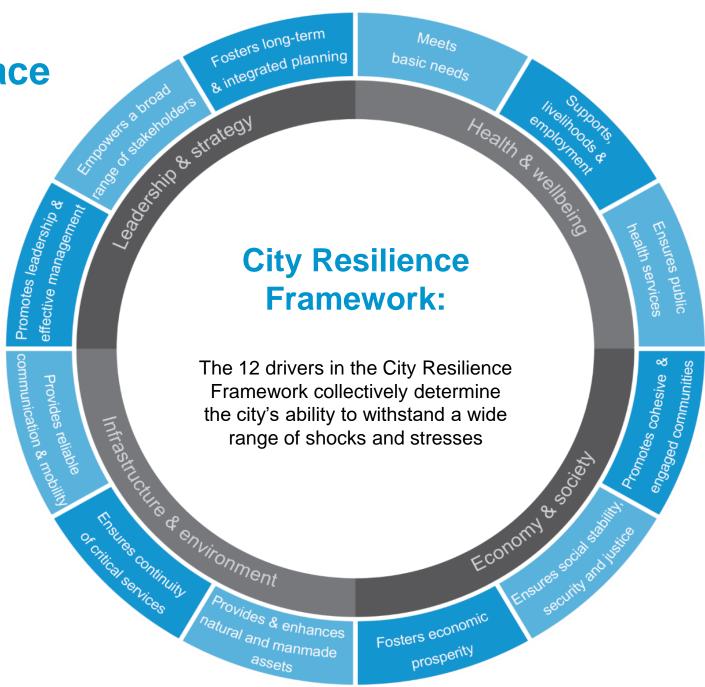


# RESILIENT SYDNEY

### **Assessing resilience in place**

#### Methodology

- What happened in the past, local risk context (shocks and stresses)
- What might happen (megatrends, growth & investment, policy)
- What people in the place think matters (community priorities)





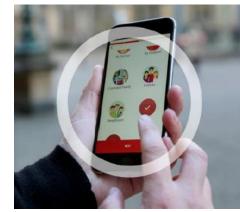
## **Sydney Resilience Challenges**



## **Resilient Sydney 2015-21 – 5 years of collaboration**

Heatwave Sub Plan		Heatwave Sub Plan			
Introduction Instance in a peak in usual too uncompare or water two two consume and, inter an entrance to date now early block of the an effect sharehouse entrand Block. Will follow entry all the other earliest and any page or patiently executive share		Legislative Framework and Related Plans			
Polytik wite als care to up of 7760 control of the set of 7760 control of the set of the set program to the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set of the set	Despite and starse strategies and all titless. Be example to the strategies and and all titless. Be example to the strategies and the strategies and the method of the strategies and the method of the strategies and the method of the strategies and a strategies and the strategies and a	The Storeing refer and point and a short of the Physics. 2019 Control of the Store of the Physics of the Store of the Physics 2019 Control of the Store of the	The Boltwing Council given extract to the basis of the second second second second second second constructions of the second second second second second Extractions Countrol Supporting Files Comparing to Necesser's Supporting Second Second Comparing to Necesser's Supporting Second Comparing to Necesser's Second Second Second Comparing to Necesser's Second Second Second Second Second Second Second Second Second Provide Second Second Second Second Second Provide Second		
<ul> <li>exercising vigorously in the heat</li> </ul>	percy management, and indusity, the preservation of suman health will	Objectives			
The part should be be expended to a finite in the regardulate with a by net to remarking the City's expense to a tradever, as well as the integrate in tradever required a which we proport at recover that a matteria. The City's reports to a headness will be guided by examining the remarking strate reports processing and the time remarking strate real.		Descen hash internation and support in reactly analysis to add and as contractly,     Descen hash international statements and a support in reactly and and and and as contractly,     Descent partnerships of minimum statements in the support			
All requests of the plan must not and more they understand what is expliced of bits the work as and that reactions will, if is an important is understand the transfer harmanch, so that all states of one can see than own role in the contact of other business unto importantiate.		Characte continuity of essential services to the community     misure counter facts to mark and responsibilities and responsibilit			
NSW Framework for Heatwave Response https://ac.assidae-mapter part for the two waters to the activity of the activity of the set of		Council's Role and Responsibilities In allow to cause the provide a low to can be care to prove a transmission of the low terms provide under Sec. County imposed to care to be induced from an Sec. County imposed to care to be induced from an induced to any sector of the sector of the memory induced and the sector of the sector of the Sector of the Decision of the sector of the sector of the memory induced and the sector of the sector of the Sector of the Sector of the Decision of the sector of the sector of the memory induced and the sector of the Se			
Inclusions, NWW Health East and developed a heat feath least of	em basis uses to seek other agencies and the community or imperiod than writedle that provides sumpremention advance on the solution of the ta- tions of the public, these who care for vulnerable community members	<ul> <li>Addate the requestion on the state we postate date is interpreted on Provide request internationalization reports to the structures. Divide factors allocate to the commanity, as detailed in the Maintain essential services to the commanity, as detailed in the</li> </ul>	N DO which imperciantly for \$191,800,000		
HAN IS THE YEAR SOUTH ON AN ADDRESS OF THE STORE OF THE STORE OF THE STORE ADDRESS OF THE STORE ADDRESS OF THE STORE OF TH		Activation of the Heatwave Sub Plan			
Fields in hits Awar company was provided to be blacked, elaw in the line for the MON State Heatman State Part		<ul> <li>The administ of Converts Healthcare Call Plan will convert with the administration of the HMM 2024 Healthcare Plan. The SPOCCIM (MS Police Deputy Commissioner) will activate the NOM State Plan on advice from the Danual of Material Converts.</li> </ul>			
Predicted Impact of a Heatwave inscribence, our in various and variations, the execution of the second state of the second of the second of the second state of the s		Police opport commission of microsoft AVM bits have in which the to device from the dataset of human dimensions. In this success the particular and which is the net work and which and a subset that the success the data is the data in the data and the subset of the success the dataset of th			
Insuring 2011, a houtware of except providing shadow affected fighting, surving an extinuited 154 and 254 energy department wide, for heat effects and serviration respectively and 116 ampliance calls for heat experience, with all-cause motivative increasing to 125.		<ul> <li>The actuation of countries Heatware calls Plan is the Inspansio</li> </ul>	infinable to maximize the distribution and consistency of messages, any of the crass creation, supported by the crass and simergency		
In estimate next, the body is unable to doo itser adequately which can ead to next models invested such as next camps, next establisher, and host camps. Howave excellation may also allevel camel start, impacting on Camel agriculture, insteading recently entries, and		Me supprend Form and the Response & Reserve Tourn. • NOW make will control the heads reaction to the neutrone in accordance with the anangements in the NOW Fragm Park.			

## Network: sharing EM, COVID, heatwave templates & plans





Get Ready campaigns:Social Cohesion: metro25,000+ ready Sydneysiderscohesion & wellbeing data



Resilence Planning: 12 councils with plans



Neighbour Day campaign: 30 councils engaged communities to connect



Cool Suburbs Project: new planning tools in Western Sydney



Resilient Sydney Data Platform: 250+ users from local and state government

RESILIENT SYDNEY

## Three types of change:



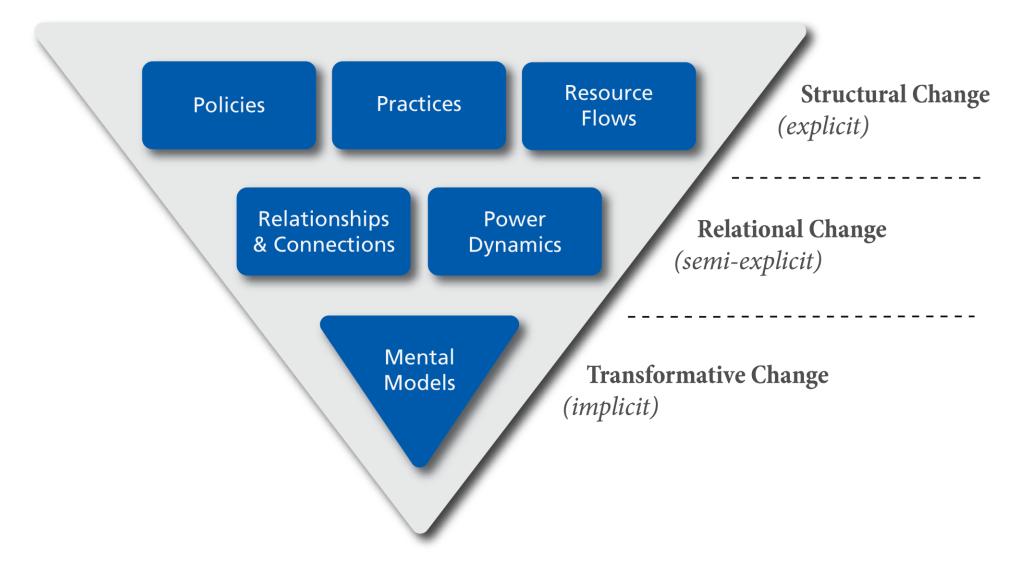




Structural changes (cross-sector & intrasectoral changes) Relational changes (networks, connections, processes that build & maintain relationships) Transformational changes

(of people, decisions, behaviours)

#### Six Conditions of Systems Change



The six conditions of systems change (from Kania, Kramer and Senge, 2018)

	Sydney is co	nnected, inclusive and i	resilient		
City level resilience	Equitable access to opportunities to thrive and prosper across Sydney	ensure disaster preparedness.	People and organisations are <u>prepared</u> for emergencies	Governing organisa provide collective <u>leac</u> for resilience	
Systemic changes	Governance and decision making processes include communities, address place based risk and	on, regulation and Investme	<b>Investment</b> ent in place based risk ent to meet community needs	<b>Connectedness</b> Connected communities a organisations	and
Enablers for change	UnderstandingCapaCitizens and organisations build understanding of place based risks, interdependencies, vulnerabilities and their responsibilities /duties of careCitizens and org capacity for place planning (mitigat response at	anisations build Citizens and based preparation, ion, adaptation), actions to ad	, networks and aligned	<b>Tools, standards, service</b> re developed to prepare and ma are developed. E.g inclusive o aking/governance models, star	anage risk lecision
	Resilient Sydney Office		Collabo	rative effort	<b></b>
Influence Activities	Effective engagement activities Provision of robust, relevant (e.g. forums, workshops and presentations)	Neutral, visible and persuasive leadership.	Facilitators and co together to deliver o	on the Strategy and its 35	
	Facilitate connections and collaboration across Sydney,- including knowledge sharing.	Provision of training and capacity building		and persuasive leadership.	
Foundations	Metro-scale willingness and political support develop a systems approach to resilier				RESILIENT SYDNEY

Measurement		Strategic Learning & Evaluation	
Impact			
The effect of our collaborative efforts on city level resilience	<ol> <li>Access to opportunities</li> <li>Adaptation to and mitigation of extreme weather events</li> <li>Social cohesion</li> <li>Emergency preparedness</li> <li>Collective leadership amongst governing organisations</li> </ol>		
Systems change			b. Learning about
How our collective efforts influence changes in the system	<ol> <li>Changes in governance and decision making</li> <li>Changes in policies, legislation, regulation and service models</li> <li>Changes in investment</li> <li>Changes in connections</li> </ol>		our assumptions and understanding about the resilience
Enablers for change			system and our role in it – are
The outcomes of our influencing activities	<ol> <li>Changes in understanding</li> <li>Changes in capacity</li> <li>Changes in connections</li> <li>Changes in policies, tools, processes and service models</li> </ol>	a. Learning about <b>what is</b> working and what is not – in	we doing the right things, in the right way?
Influence activities		terms of our activities	
<ol> <li>Collecting data about the role of, and services provided by, the Resilient Sydney Office</li> <li>Collecting data about Action implementation</li> </ol>			

## Report from the Evaluators

#### **Clear Horizon**

Action 33 in the Resilient Sydney strategy





# **Overall impact – what has changed?**

- Resilient Sydney has significantly changed the political and institutional landscape in metropolitan Sydney, and set an important precedent for citywide resilience
- Impacts are already emerging at the structural, relational and transformational levels:
  - More visible among the organisations and institutions that participate directly in Resilient Sydney than in the wider community
  - Evidence for emerging positive systems impacts are compelling
  - There are also some challenges for the program



1. Resilient Sydney provided a narrative and evidence for the need to address community risks

"[Resilient Sydney has] expanded the definition of resilience. It's [now] about the capacity of people to thrive - this wasn't the case when Resilient Sydney started. Interdependencies matter and community resilience matters – it's not just about shocks, it includes long term stresses."

"Resilient Sydney [has translated] 'resilience' into relevant and understandable components that can be communicated and acted upon by local government, community and business organisations."

# Cross-sector & inter-sectoral structural changes (cont.)

2. Resilient Sydney facilitated investment & amplified recognition of resilience in policies & resources

As a result of participating in Resilient Sydney, survey respondents (or their organisations) had:

- Developed new plans, tools, processes, policies and/or service models (62%)
- Embedded Sydney's top shocks, stresses and challenges into organisational planning and reporting (51%)
- Included community/customers in decision making (45%)
- Invested in assets or projects that focus on addressing local resilience challenges (44%)
- Established jobs/roles that focus on resilience (32%)

"Councils now have their own resilience strategies for the first time ever, and I put that down to the work of Resilient Sydney."

"[Resilient Sydney's] findings are being translated by other organisations, (private sectors) and departments on living projects across Sydney...-"





3. Enabled unique, diverse & effective relationships, partnerships & networks

The most significant changes were the **establishment of new collaborations**, and **increased intra-sector engagement:** 

- Two thirds (66%) were involved in new collaborations to manage resilience challenges because of Resilient Sydney
- 62% confirmed increased engagement within respondents' own sectors to manage resilience challenges

"People have been able to respond more quickly in a crisis because they haven't second guessed [each other's] motive. If you get that trust right, that makes the significant difference in [disaster] recovery."



#### 4. Resilient Sydney intervened in distribution of decision-making power

Respondents had increased their engagement with local communities by:

- **Researching** local risks and needs (42%)
- Creating **action plans** for local resilience (46%)

Participants saw signs of improvement in residents/communities in:

- Inclusion of community/customers in resilience planning (38%)
- **Social connections** between residents/communities (35%)
- Residents' preparedness for emergencies (30%)

"The work they did to link the difficult governance structures around our city mattered"

"[Resilient Sydney has tackled] the major chronic stress of inequity throughout metropolitan Sydney, and **extends care and responsibility from the more privileged core to the periphery**."



#### 5. Shifting concepts & mindsets

"Many councils were just dealing with climate resilience and [Resilient Sydney] broadened their understanding of what resilience was... I think there was a real step change in people's understanding."

> "Some of our board members have come back [after Resilient Sydney events] saying, 'I finally get it – that really made sense'"

"Resilient Sydney [is] normalising what resilience means in a broader context [and] providing a richer understanding of what communities face, and looking at what does a long term intervention or support look like – as opposed to a superficial understanding and short-term agendas."

# How did Resilient Sydney achieve these changes?



# **Core practices & activities**

6. Executive level <u>leadership</u> & governance

7. Used & shared robust tools & templates to establish an <u>evidence base</u>

8. Built the <u>capacity</u> of people & organisations

"The establishment of the Steering Committee [gave] local government a voice on resilience, in partnership with the state government and private sector. That was key as it **allowed dialogue at the more senior level** to happen, and **cut through the silos** between the various levels of government and agencies."

The provision of data relating to Sydney's shocks, stresses and challenges was rated *the most important factor in normalising resilience*, with **94%** of survey respondents saying it was important/very important



# **Collaboration, processes, legitimacy**

- 9. Championed <u>collaboration</u> & encouraged best practice
- 10. Highly effective management & delivery of processes
- 11. Created a legitimised a <u>'common problem'</u> in a global & local context

"There could be more investment with the private sector... This goes to sealing lasting change and requires additional investment and capacity" "Resilient Sydney makes it easier for councils to adopt resilience because they're getting a toolkit, they're getting a strategy and they're getting guidance from Resilient Sydney."

"Because the engagement was so wide and deep [and stakeholders] were actively involved in coming up with the key findings, **they had the buy in** and were confident in taking them back to their organisation"

## What have we learnt?

#### A place-based systems approach to resilience

Focus on:

- Shifting the conditions that hold a problem in place understand the system first
- International research based process and tools
- Good quality processes (especially deep community engagement) and service delivery
- Create new networks, activities to facilitate collaboration & rapid learning loops
- Evidence based data, performance metrics for the city/ place/ region
- Advocacy for policy to make changes stick
- Capacity building across the whole system

"Real and equitable progress requires exceptional attention to the detailed and often mundane work of noticing what is invisible to many."

> From 'The Water of Systems Change', Kania, Kramer and Senge (2018)

RESILIENT

SYDNEY

## **People make change**

The program worked on amplifying City Resilience Behaviours (after 100RC):

- 1. <u>Awareness of Risks</u>
- 2. <u>Diversity</u> in decision making
- 3. <u>Adapting to change and disruption</u>
- 4. Connecting people/community/organisations Integration
- 5. <u>Leadership</u>, polices and structures stability and innovation

#### Next steps 2021+:

- Program is effective continue strategy implementation, seek funding
- Resourcing remains a challenge right size the ambition to the resource
- Mature focus to policy changes and institutionalising resilience



## **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.



## **References/ acknowledgements**



Clear Horizon (2021). **Resilient Sydney - Outcomes and Insights Report.** Available at City of Sydney: <u>https://www.cityofsydney.nsw.gov.au/governance-decision-making/resilient-sydney</u>

Dart, J (2018). Place-based Evaluation Framework: A guide for evaluation of place-based approaches in Australia (<u>Place-based Evaluation Framework</u>) and accompanying toolkit (<u>Place-based Evaluation Toolkit</u>)

Kania, J., Kramer, M., Seng, P. (2018). **The Water of Systems Change**. Available at FSG: <u>https://www.fsg.org/publications/water\_of\_systems\_change</u>

Resilient Sydney Office (2018). **Resilient Sydney Strategy.** Available at City of Sydney: <u>https://www.cityofsydney.nsw.gov.au/governance-decision-making/resilient-sydney</u>

Acknowledging the collaboration and efforts of all 33 local governments of Sydney, and support of the NSW Government and partners.







@ResilientSydney

au.linkedin.com/company/resilient-sydney

#### #ADRC21

#### Thank you

RSO@cityofsydney.nsw.gov.au

www.resilientsydney.com.au







