

100 Resilient Cities – Pioneered by the Rockefeller Foundation (100RC)
 This project is dedicated to helping cities around the world become more resilience to the physical, social and economic challenges that are a growing part of the 21st Century. The 100RC definition of resilience includes not just the shocks - such as earthquakes, floods, disease outbreaks etc but also the stresses that weaken the fabric of a city on a day to day or cyclical basis. The project will support 100 cities globally. AECOM is working as a strategy partner to 100RC on a number of those cities (paired with each city by 100RC), in North America, Central and South America, Australasia and Europe, supporting the Chief Resilience Officer in the development of a resilience-building strategy over a 6-9 month process.

RISK	ACTION	IMPACT	OUTPUT
<p>Across the 20 cities that are part of the AECOM portfolio a large range of shocks and stresses are impacting the cities including earthquake, liquefaction, flooding, heatwave, civic unrest, violence as well as affordable housing, crime, poverty, sea level rise, poor air quality and drought. Many of these issues are disproportionately affecting vulnerable populations.</p>	<p>Cities in the 100RC network are provided with FOUR strands of support:</p> <ul style="list-style-type: none"> • Financial and logistical support for establishing an innovative new position in city government, a Chief Resilience Officer (CRO) who leads the city’s resilience efforts • Support for the CRO to develop a resilience building strategy. • Access to tools, service providers and partners from the private, public and NGO sectors to help cities develop and implement their strategies • Inclusion in the 100RC network through which CROs can share best practices, solve problems collectively and learn from each other. 	<p>A key part of the project is stakeholder engagement with a wide range of civic society, private sector organizations and government departments. The aim is to facilitate a broader understanding and knowledge of resilience, so that people can start to work together to solve multiple challenges with fewer resources more effectively. Engaging community groups supporting, or with links to most vulnerable is essential to make sure that limited resources are appropriately targeted.</p>	<p>The outputs from each of the projects will be a City Resilience Strategy that includes a preliminary resilience assessment and a suite of initiative focused on a set of priority areas.</p>



Lessons Learned

Ideally the CRO position is placed in the Mayor’s office or equivalent that has an overarching role in the city, rather than being placed in one particular office or department. This generally helps the CRO to work effectively across other departments, avoiding siloing challenges. Visible support from the Mayor or City Manager is also vital. This cross cutting thinking can be key to solving multiple challenges with one solution in a cost effective way.

BUSINESS CASE

The benefits for the cities are multifold. The City gets an additional staff member who can work effectively across city government department silos and unite multiple planning and other processes towards a common aim. Through access to the 100RC city network, each city can share in best practices and learn from others in real time. Working on this program is core to the mission of AECOM of building a better world, and helps the company understand the challenges that cities are facing so that they can better use their engineering and design expertise to help solve these challenges.

REPLICATION OPPORTUNITIES

As part of the project 100RC is developing and refining a city resilience strategy development process which includes a suite of tools that will be supported by 100 best practice case studies. This process will have been road tested, tweaked and improved by 100 cities that can be leveraged in the future by other cities around the world. The 100 cities in the network are different sizes, geographies each facing different challenges, so it is likely that any city in the world, will be able to find one for ready comparison, and useful lessons learnt.

How does the project support the implementation of the Sendai Framework targets?

1	<i>Reduce disaster mortality by 2030</i>	X	The resilience strategies being developed by all the cities in the 100RC network will include targets that cover each of the elements of the Sendai framework. Reducing disaster mortality, vulnerable populations, economic losses, infrastructure damage are key goals of many of the cities. By being part of the network cities across the globe are sharing best practices and collaborating across resilience issues. Finally a large part of the program is about engaging with stakeholders and communities to help them understand how best to help themselves and work with the city and others to improve overall city resilience.
2	<i>Reduce number of affected people by 2030</i>	X	
3	<i>Reduce economic loss by 2030</i>	X	
4	<i>Reduce infrastructure damage and disruption of services by 2030</i>	X	
5	<i>Increase countries with DRR national/ local strategies by 2020</i>	X	
6	<i>Enhance international cooperation to developing countries</i>	X	
7	<i>Increase the availability of and access to EWS* and DR information to people by 2030</i>	X	

How does the project contribute to the ARISE Themes?

1	<i>Disaster Risk Management Strategies</i>	X	All the cities in the 100RC program carry out a resilience baseline assessment so they can understand their current resilience to shocks and stresses. As they move on to develop actions for the resilience strategy they set targets which they will then use to monitor and benchmark their performance. All of the cities are tackling urban risk reduction as part of their resilience planning process. Most of the cities that are in the 100RC network are dealing with natural and manmade shocks and are incorporating disaster management strategies as part of their ultimate Resilience Strategy.
2	<i>Investment metrics</i>		
3	<i>Benchmarking and Standards</i>	X	
4	<i>Education and Training</i>		
5	<i>Legal and Regulatory</i>		
6	<i>Urban Risk Reduction and Resilience</i>	X	
7	<i>Insurance</i>		

For More Information



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