100 RESILIENT CITIES

Bristol p.46 Rotterdam Learning exchange Byblos p.55 Protecting heritage Boulder **Paris** p.95 Talking rubbish with Veolia Singapore Learning exchange Mexico City p.69 Mexico City p.102 Integrating the Wellington Melbourne p.93 Christchurch p.77 Conserving nature with Recovering from earthquake

In 2014 Wellington joined 100 Resilient Cities (100RC) -Pioneered by The Rockefeller Foundation. 100RC helps cities around the world become more resilient to the physical, social, and economic challenges that are a growing part of life in the 21st century. 100RC provides this assistance through funding for a Chief Resilience

Officer in each member city to lead resilience efforts; resources for drafting a resilience strategy, including extensive reports from our Strategy Partner AECOM; membership in a global network of peer cities to share best practices and challenges, and access to a variety of resilience tools.



- ROUND ONE CITIES
- **ROUND TWO CITIES**
- **ROUND THREE CITIES**



100RC has brought valuable experience, resources and connections to Wellington.

Participation in the global network of cities developing their resilience strategies enabled us to exchange experiences, and Wellington has been an active member of the network. We shared knowledge and experience with cities facing similar challenges, including Boulder, Rotterdam, Singapore and Melbourne. Some of the ideas we came across are outlined in this strategy.

We are also working with a range of 100RC Platform Partners - a group of leading service providers who offer in-kind support to member cities. Among these are Veolia and The Nature Conservancy.

100RC supports a view of resilience that includes not just the shocks (such as earthquakes, fires, and floods), but also chronic stresses that weaken the fabric of a city on a day-to-day or cyclical basis. This view of resilience is not only about how to maintain a functioning city in emergency situations, but also how to contribute to a higher quality of life by enhancing economic, environmental and social outcomes during good times.

We used 100RC tools such as the City Resilience Framework (CRF) to ensure all of our projects generate resilience co-benefits. Instead of focussing on individual hazards we have focussed on actions that will build qualities such as flexibility, robustness, integration, resourcefulness, inclusivity and continuous learning into all of the city systems - our regulation, communities, infrastructure, and knowledge networks - so Wellington can survive and thrive no matter what shocks or stresses occur.

At the action workshop we came up with 600 ideas to improve Wellington's resilience. Using the CRF as a guide we then developed "power initiatives" that generate the most benefits across multiple resilience drivers, engage a broad range of people, and generate equitable outcomes in the short and long term. We have settled on 30 projects that complement each other and apply across multiple goals and programmes. The process allowed Wellingtonians to define resilience for their own city, and to come up with the most important areas for investment. This was no easy task, as it quickly became clear that the word resilience means different things to different people. It was very important to build on experiences around the world and to understand what resilience means for Wellington. Once there was a common understanding, it became much easier to challenge the status quo, and to focus on the areas and initiatives that could really make a difference.

City Resilience Framework

The City Resilience Framework (CRF), developed by Arup and The Rockefeller Foundation, identifies 12 drivers of resilient cities across the areas of health and wellbeing, economy and society, infrastructure and environment, and leadership and strategy. We used this tool to assess the completeness of our current initiatives and understand various city systems' ability to cope with shocks and stresses. We also used it to ensure we had a representative sample of people and organisations contributing to the development of the strategy. The tool enabled us to broaden thinking in Wellington beyond disaster preparedness and recovery and ensure that the initiatives identified will make the best ongoing contribution to building the city's resilience.

