

# Building Resilience to Climate Change

## Round 2

Building Resilience to Climate Change (BRCC) is a partnership between the NSW Office of Environment and Heritage and Local Government NSW, and is co-funded by the NSW Environmental Trust. BRCC assists NSW Local Government address recognised climate change risks and vulnerabilities to build resilience to future extreme climatic events and hazards.

BRCC has awarded the following NSW councils a total of \$457,830 grants for projects to be delivered in 2016/17.

Lead council & grant amount	Project partners	Project name and description
Penrith City Council \$80,000	Ashfield, Parramatta City and Canterbury Councils  UTS Business School and Institute of Sustainable Futures, U.Lab	Construction, monitoring and evaluation of Climate Adapted People Shelters  This project will install and monitor the winning design from an open innovation design competition, encouraging a reimagining of current bus shelters that are adaptable to increasing urban heat and extreme weather conditions.
Lake Macquarie City Council \$23,800	Marks Point and Belmont South Community Working Groups	Community monitoring and foreshore inundation: assessing management options  This project will address risks to foreshore infrastructure, such as roads, communication lines, and drainage systems from inundation by engaging the community in the monitoring and assessment of tidal flap effectiveness.
Queanbeyan City Council \$19,000		Gross pollutant traps effectiveness project  This project is designed to increase local capacity to treat stormwater runoff arising from increased rain intensity and storm events, to improve water quality and ecological health in local and neighbouring waterways.
Kyogle Council \$69,360	NSW Water  North Coast Public Health	De-stratification system for off-stream storage  This project will address risks of algal blooms in town water supplies due to increasing temperatures, by using renewable and off-grid power to aerate and improve water quality of off stream storages.

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<p>Blacktown City Council</p> <p>\$80,000</p>	<p>Central West Councils Salinity and Water Quality Alliance (19 councils and Central West Local Land Services)</p> <p>Parramatta River Catchment Group (11 councils) and City of Sydney</p> <p>CRC for Water Sensitive Cities</p>	<p>Building regional capacity in water sensitive urban design</p> <p>Building on recognised in-house expertise in capacity building and Water Sensitive Urban Design (WSUD), Blacktown City Council will establish a peer-to-peer network to share successful case studies and distribute research findings, expertise, collaboration opportunities, training events and materials to enable implementation of WSUD projects with Western Sydney and Central Western NSW councils.</p>
<p>Parkes Shire Council</p> <p>\$60,000</p>	<p>Orange City Council</p> <p>Central West Lachlan Landcare</p>	<p>Rehabilitating PAC park waterway</p> <p>This project will address projected increases in the frequency and intensity of rainfall events by constructing a wetland treatment system within a popular recreation reserve in Central West NSW. This will improve water quality, increase habitat and biodiversity on-site, improve reserve amenity, and engage the community in alleviating potential flood damage.</p>
<p>Blacktown City Council</p> <p>\$74,670</p>	<p>Western Sydney Parklands Trust</p> <p>RMIT University Melbourne</p> <p>Sydney Water and JMD Design</p>	<p>Hydrating Bungarribee</p> <p>Blacktown City Council will address water security risks by trialling an innovative black water treatment system to adapt sewerage infrastructure and park lands to provide heat wave refuges, shading and water. The design concept will be developed into a Masterplan and publically exhibited through a public art installation.</p>
<p>Lake Macquarie City Council</p> <p>\$51,000</p>	<p>Edge Environment</p> <p>Insurance Council of Australia</p>	<p>Assessing housing stock vulnerability to climate change hazards</p> <p>This project aims to better understand the sensitivity and vulnerability of homes to flooding, storm and bushfire by developing a data collection methodology and auditing of housing stock. This will inform land-use planning, development guidelines, mitigation infrastructure decisions and inform discussions about insurance affordability.</p>