



# A project aimed at greening our roof-top spaces

Waverley Council has received a Greening the City Innovation Grant of \$320,000 to research, implement and develop cost-effective methods for greening hot urban spaces such as carparks.

## The Project Background:

Lack of vegetation makes some of Waverley's districts extremely hot during summer, and temperatures are likely to increase further under projected climate change. With limited ground-level space available to establish new parks or canopy, capturing opportunities to grow plants on top of built structures is increasingly important.

## The Benefits:

The SkyParks project will install vegetation cover on key sites in Sydney's East to demonstrate and measure: cooling, energy savings, improved air, and water quality as well as community benefits.

## This funding will enable us to:

- ☐ explore the current barriers for uptake of urban greening within NSW
- ☐ enhance Greater Sydney's urban green cover, particularly in commercial business districts with low canopy cover
- ☐ mitigate urban heat islands through cooling urban areas and providing co-benefits
- ☐ research the effectiveness of green cover to prepare for future climate extremes
- ☐ help grow urban greening industry capability and capacity in NSW
- ☐ Inform and support Waverley Council's commitment to canopy expansion on private land and deliver outcomes for health, resilience and climate adaptation
- ☐ outline guidance and direction for the future of rooftop green cover projects

*Waverley Council is collaborating with a wide range of Partners on this project, and we are grateful for their support and contributions:*

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In doing so the project seeks to meet the State Government's Greening the City Objectives:

- best practice to reduce climate change impacts.
- innovation in the use of greenery in an urban setting

And also realise objectives for the sustainable future of Greater Sydney<sup>1</sup>, specifically:

33. A low-carbon city contributes to net-zero emissions by 2050 and mitigates climate change.
34. Energy and water flows are captured, used and re-used
36. People and places adapt to climate change and future shocks and stresses
37. Exposure to natural and urban hazards is reduced
38. Heatwaves and extreme heat are managed

<sup>1</sup> A Metropolis of Three Cities

*This project has been assisted by the New South Wales Government and supported by Local Government NSW*

