

# NET-ZERO CASE STUDY

## Canada Bay Council and Community Emissions Pathway to Net-Zero



100% Renewables would like to congratulate the City of Canada Bay Council on winning the *Local Government NSW's (LGNSW) Excellence in the Environment Awards' Local Sustainability Award*.

100% Renewables is proud to have developed two studies which informed the City's [Emissions Reduction Action Plan \(ERP\)](#), specifically:

- Corporate target: Net-zero emissions from Council operations by 2030
- Community target: Net-zero emissions from the City of Canada Bay community by 2050

The pathway to net-zero emissions for Council's operations is supported by 62 cost-effective actions that Council can take to reduce its corporate emissions, which include:

- Continued energy efficiency upgrades to buildings and sporting fields, including fuel switching
- Street lighting upgrades to LED technology
- Increasing the amount of energy generated from onsite solar PV systems
- Adjusting practices, basic controls and O&M procedures to reduce energy waste such as high night-time demand

- Fleet emissions reduction from hybrid vehicles, and in future potentially electric vehicles
- Adopting sustainable procurement policies for all capital works and purchases of energy-using equipment
- Increasing the amount of renewable energy sourced via power purchase agreements (PPA)

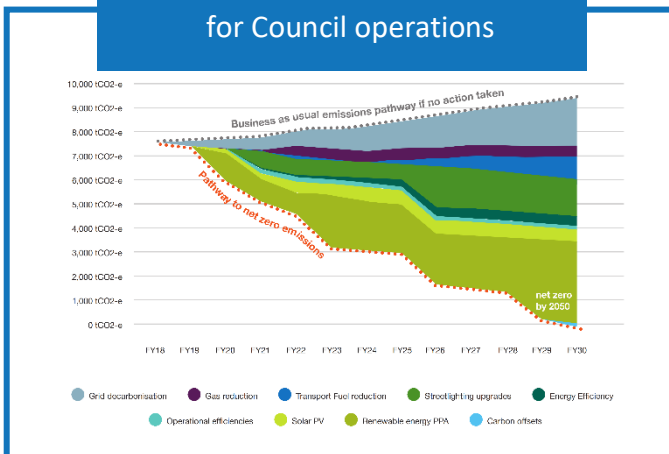
Alongside the target for Councils operations, a target of net-zero emissions by 2050 for the community was set by consulting the community. These initiatives and programs were quantified and broken down into 33 discreet actions to reduce emissions to net-zero:

- Leading by example
- Empowering the community through initiatives and programs about buying renewable energy and energy efficiency
- Supporting local community groups and schools to install solar PV systems
- Advocating for sustainable transport and engagement around waste initiatives

We look forward to Canada Bay Council's continued success in reaching its carbon and renewable energy targets in the coming years.

### Scenario modelling to net-zero

Pathway to net-zero by 2030 for Council operations



Pathway to net-zero by 2050 for the community

