



Go electric

Switching to renewable energy solutions



GO ELECTRIC

FUNDING AREA

Climate & resilience

BUDGET

\$5.5M

TIMEFRAME

2024-29

LOCATION

For households and businesses

STATUS

New project

DID YOU KNOW?

Electric vehicles charging at public EV stations reduce greenhouse gas emissions by 60 per cent due to the efficiencies of the electric vehicle over traditional internal combustion vehicles and the amount of renewable energy contributing to grid electricity.

An emphasis on renewable energy for grid-based energy supply is driving the need for people to switch household appliances to electricity.

WHAT IS IT

This program will support households and businesses in Randwick City incentivise energy savings and switch from gas to electricity.

With more properties now powered from either grid-based renewable energy sources such as wind and solar or local roof-top solar – it makes sense for appliances such as hot water systems, cooktops and more to be electric.

Council will support households and businesses make the switch through a range of sustainability rebates, public EV charging and making improvements to Council's own facilities and pools.

These projects are aimed at facilitating the transition from gas to electricity in homes, business and for Council operations, but also aim to support and increase the uptake of electric vehicles from petrol-fuelled, internal combustion engine vehicles.

BENEFITS

Council's energy saving and greenhouse gas reductions targets for its own operations and for the community reflect the national and international targets attempting to address predicted impacts of Climate Change with a growing call establishing a rapid changeover to renewable energy solutions.

Our current targets set out in Randwick's Environment Strategy are likely to be reviewed over the coming years especially in light of this increasing scientific concern and evidence showing the urgency of Climate Change, its impacts and responses necessary. This urgency is also influencing community expectations, solutions and technologies, as well as likely behavioural changes now being called for implementation by as early as 2030 to 2035 (in contrast to previous timelines around 2050).