



# Net Zero Guide

Our community, reducing emissions together

71% of Australians think our country should be a world leader on climate action\*. Climate leadership can start in our own homes.

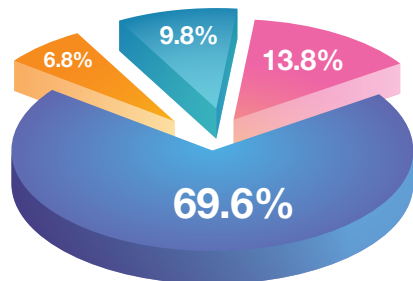
Australian households produce around 18 tonnes of greenhouse gas a year, so we can all make a big difference with a few simple lifestyle changes – most of which also save money on food, transport and power bills.

Many Councils have set net zero emissions targets for 2030, 2040 and beyond. If we all do our bit, we can achieve that goal and create a better future for all.

- Electricity
- Gas
- Transport
- Waste

## Where do community emissions come from?

Many community emissions come from electricity, transport, gas and waste. This guide shows you how to reduce all four in your home.

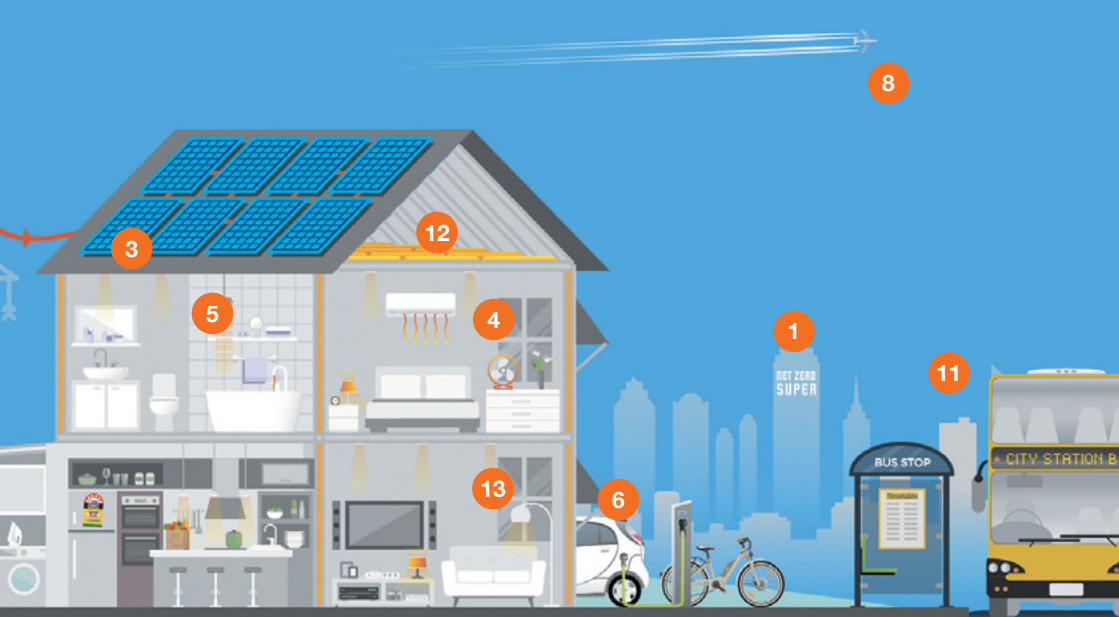


# What could you do?

Easy ways to reduce your carbon footprint to save money and the planet.



	Tonnes of CO <sub>2</sub> saved*	Equivalent to planting x trees
<b>1 Choose net zero superannuation and banking</b> Just 7.7% of Australia's super could fund our transition to 100% renewable energy by 2030. <a href="http://www.marketforces.org.au">www.marketforces.org.au</a> <a href="http://www.zerosydneynorth.org/divest-from-fossil-fuels/">www.zerosydneynorth.org/divest-from-fossil-fuels/</a>	<b>11.9</b>	<b>179</b>
<b>2 Switch to a renewable power company</b> Switching is easy and many households find their bills stay the same. <a href="http://www.zerosydneynorth.org/switch-to-renewables/">www.zerosydneynorth.org/switch-to-renewables/</a>	<b>8.0</b>	<b>120</b>
<b>3 Install rooftop solar - 5kW, 7.5kW &amp; 10kW systems</b> Solar can pay back your investment in as little as 3 years. <b>Householders:</b> <a href="http://www.zerosydneynorth.org/programs/solar-my-house/">www.zerosydneynorth.org/programs/solar-my-house/</a> <b>Strata:</b> <a href="http://www.zerosydneynorth.org/solar-my-strata/">www.zerosydneynorth.org/solar-my-strata/</a> <b>Businesses:</b> <a href="http://www.zerosydneynorth.org/solar-my-business/">www.zerosydneynorth.org/solar-my-business/</a>	<b>5.4</b>	<b>81</b>
<b>4 Switch to a reverse cycle air conditioner</b> An energy-efficient system will lower your power bill by nearly 50%. <a href="http://www.zerosydneynorth.org/solar-my-business/">www.zerosydneynorth.org/solar-my-business/</a>	<b>8.1</b>	<b>92</b>
<b>5 Reduce hot water use by a third</b> Try water-saving showerheads and washing clothes in cold water.	<b>10.8</b>	<b>160</b>
<b>6 Drive an electric car</b> If we all do, we could eliminate 6% of Australia's greenhouse gases. Use public EV chargers across Australia. <a href="http://www.zerosydneynorth.org/electric-vehicles/">www.zerosydneynorth.org/electric-vehicles/</a>	<b>3.4</b>	<b>51</b>
<b>7 Use a hot water heat pump</b> Halve your water bill and your emissions. <a href="http://www.yourhome.gov.au/energy/hot-water-systems">www.yourhome.gov.au/energy/hot-water-systems</a>	<b>3</b>	<b>45</b>
	<b>2.7</b>	<b>41</b>
	<b>2.5</b>	<b>38</b>



	Tonnes of CO <sub>2</sub> saved*	Equivalent to planting x trees
<b>8 Reduce flights and buy offsets</b> Opt for a local holiday and boost our economy.	<b>1.65</b>	<b>25</b>
<b>9 Eat seasonally and local</b> Try 'meat-free Mondays'. Join your local Community Garden. <a href="http://www.communitygarden.org.au/">www.communitygarden.org.au/</a>	<b>1.5</b>	<b>23</b>
<b>10 Compost - methane has 25x the global warming impact of CO<sub>2</sub>.</b> Councils often offer discounted compost bins. <a href="http://www.compostrevolution.com.au">www.compostrevolution.com.au</a>	<b>1.1</b>	<b>17</b>
<b>11 Use public transport or join the growing electric bike trend</b> <a href="http://www.zerosydneynorth.org/electric-bikes/">www.zerosydneynorth.org/electric-bikes/</a>	<b>1</b>	<b>15</b>
<b>12 Install home insulation</b> It can cut heating and cooling bills by 30-40%. <a href="http://www.yourhome.gov.au/energy/heating-and-cooling">www.yourhome.gov.au/energy/heating-and-cooling</a>	<b>0.9</b>	<b>14</b>
<b>13 Reduce your household energy consumption</b> Switch to LEDs, air dry your laundry, use fans instead of AC. <a href="http://www.zerosydneynorth.org/zero-emissions-homes/">www.zerosydneynorth.org/zero-emissions-homes/</a>	<b>0.6</b>	<b>9</b>
<b>14 Plant trees and regenerate land</b> Become a Bushcare or Landcare Volunteer, join <a href="http://www.aabr.org.au/volunteering/bushcare-and-landcare-volunteering/">www.aabr.org.au/volunteering/bushcare-and-landcare-volunteering/</a>	<b>0.3</b>	<b>5</b>
<b>15 Offset greenhouse gas emissions that you can't avoid</b> <a href="http://www.climatecouncil.org.au/resources/carbon-offsetting-worthwhile/">www.climatecouncil.org.au/resources/carbon-offsetting-worthwhile/</a>		

\*Average reduction per person or household, per year, in tonnes of CO<sub>2</sub> equivalent (T)

# Meet three households doing their bit for the planet



## Alex Rents an apartment.

- Vegetarian diet
- Preloved/upcycled furniture
- Compost bin from Mosman Council
- Commutes on public transport and carpools
- Uses liquid from the compost to fertilize the garden
- Food shops in bulk to reduce packaging waste
- Shops in local markets



## Kate, Paul and two kids Own their house.

- Installed rooftop solar and battery
- Renewable energy electricity company
- Audited home and reduced energy use by 20%
- Added insulation
- Use ceiling fans, not air conditioning
- Installed pool cover
- Installed variable speed pool pump controller



## Chris and Gill Own their townhouse.

- Installing rooftop solar
- Renewable energy electricity company
- Founding Members of Mosman Community Gardeners for local vegetable growing
- Reverse cycle air conditioner for heating
- Heat pump hot water
- LED lights
- Cycle for local trips



Join like-minded people, making a difference together

SCAN ME

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## About Zero Emissions Sydney North

We're a local volunteer association helping local people take action.

Sign up to our newsletter and/or volunteer:

[www.zerosydneynorth.org/join-us/](http://www.zerosydneynorth.org/join-us/)

Join our online chat group:

[www.facebook.com/groups/zerosydneynorth](https://www.facebook.com/groups/zerosydneynorth)

\* The 2020 Climate of the Nation report found 71% of Australians believe our country should be a climate leader <https://apo.org.au/node/309142>. We thank Mosman Council for the Community Grant for our Mosman Sustainable Living program including the Guide, and we thank all Mosman volunteers for their great work. We acknowledge the Borogegal and Cammeraigal people as the traditional custodians of this land. We pay our respects to Elders of the past and present and to those of the future and acknowledge their spiritual connection to Country. © Zero Emissions Sydney North 2021. All Rights Reserved.