

Ambitious Commitments by States & Territories, Local Governments, and Communities


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100% Renewables is pleased to provide you with this summary of ambitious renewable energy and carbon reduction commitments of states & territories, local governments and communities in Australia.

Patrick Denvir | Co-CEO

📞 0408 413 597  patrick-denvir
✉️ patrick@100percentrenewables.com.au
🌐 100percentrenewables.com.au

Barbara Albert | Co-CEO

📞 0408 487 648  barbaraalbert100
✉️ barbara@100percentrenewables.com.au
🌐 100percentrenewables.com.au



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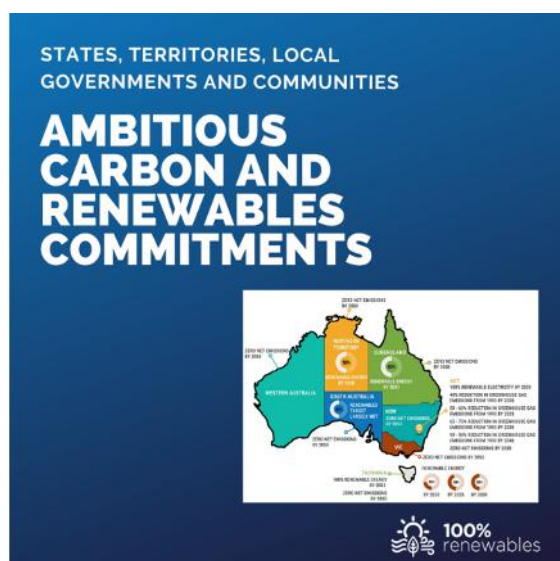
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INTRODUCTION



100% Renewables has been tracking ambitious carbon and renewable energy commitments made by all levels of Australian governments since we developed the [100% Renewable Energy Master Plan for Lismore City Council](#) in 2014. In May 2017, we published our [first blog post on the energy and carbon commitments of states, territories and local governments](#). In March 2018, we posted an [update of the carbon and renewable energy commitments](#), and then again in [October 2018](#).

With the ever-increasing number of ambitious public commitments being made by local councils, this update splits the commitments of local governments into ones that focus on

council operations and those that focus on their communities.

For the first time, we are also now covering membership by local councils of the Cities Power Partnership, CEDAMIA, the Global Compact of Mayors, and C40.

As has now become customary, we present a graphic with state and territories commitments. We also show state-by-state commitments by local governments and communities. The ACT, NSW and Victorian councils are still leading the way.

This update splits the commitments of local governments into ones that focus on council operations and those that focus on their communities.

States' and territories' climate change commitments

States and territories are committing to both renewable energy as well as carbon reduction targets. Most targets are [in line with the Paris Agreement](#), which means that zero net emissions have to be reached by mid-century.

STATE OR TERRITORY	RENEWABLE ENERGY COMMITMENT	CARBON COMMITMENT
Australia	~20% from renewable energy sources by 2020 33,000 GWh by 2020 - Target achieved	26-28% emissions reduction from 2005 levels by 2030
ACT	100% renewable electricity by 2020 (Target achieved in October 2019)	40% reduction in greenhouse gas emissions on 1990 levels by 2020 Zero net emissions by 2045
NSW	20% from renewable energy in line with the RET	Zero net emissions by 2050
NT	50% renewable energy by 2030	Zero net emissions by 2050
SA	50% renewable energy production by 2025 (Target achieved in 2018).	Zero net emissions by 2050
TAS	100% renewable energy by 2022	Commitment to establish a zero net emissions target by 2050
QLD	50% renewable energy by 2030	Zero net emissions by 2050
VIC	25% renewable energy by 2020 40% renewable energy by 2025 50% renewable energy by 2030	Zero net emissions by 2050
WA	No target	Zero net emissions by 2050

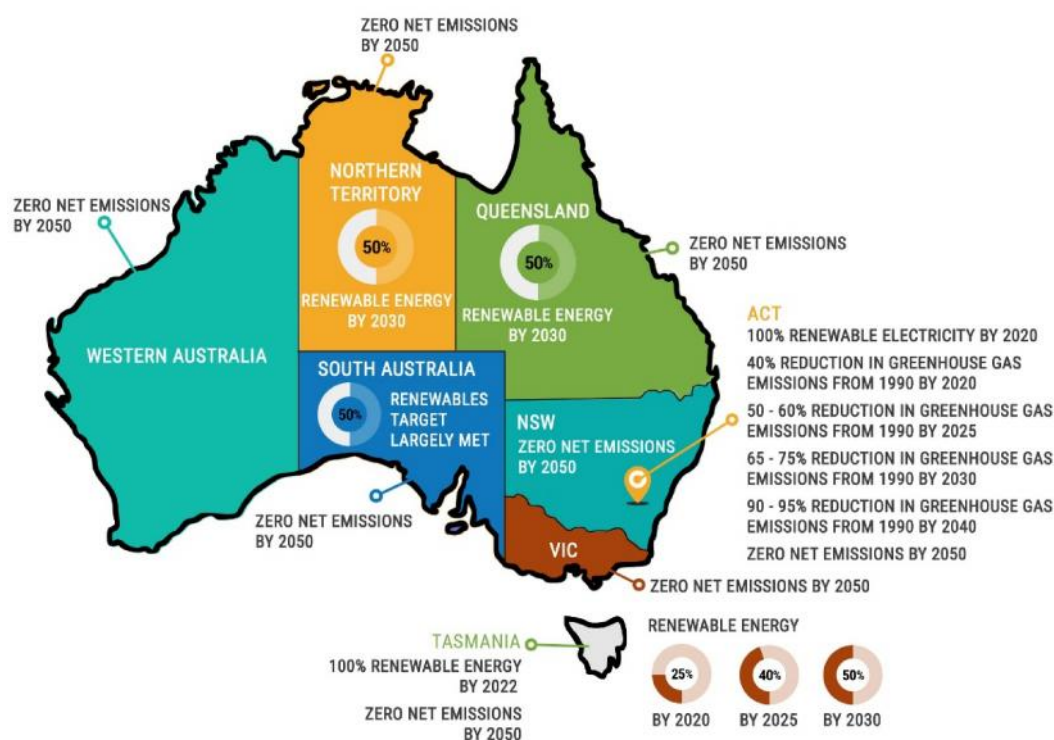


Figure 1: Ambitious renewable energy and carbon commitments by states and territories as at Oct 19

Capital cities' climate change commitments

Melbourne, Sydney and Brisbane have been carbon neutral for many years and soon, they will be joined by Adelaide and the ACT Government. Perth has a carbon reduction target of 20%, while Hobart doesn't have any official targets, but has a strong history of carbon reduction initiatives.

Exciting news is that from January 2019, Melbourne has been powered by 100% renewable energy, and they will soon be followed by the City of Sydney. If you are interested in how you can achieve 100% renewable energy, you can read our blog post on ['Eight ways to achieve 100% renewable electricity'](#).

CAPITAL CITY	COMMITMENT
ACT Government	100% renewable electricity by 2020 40% reduction in GHG emissions from 1990 by 2020 50–60% reduction in GHG emissions from 1990 by 2025 65–75% reduction in GHG emissions from 1990 by 2030 90–95% reduction in GHG emissions from 1990 by 2040 Net zero emissions by 2045
Adelaide	Zero net emissions from council operations by 2020 First carbon neutral town by 2050
Brisbane	Carbon neutral council from 2017
Melbourne	100% renewable energy from 2019 Carbon neutral from 2012 Net zero emissions for the LGA by 2050
Perth	Reduce council emissions by 20% by 2020 Facilitate a 32% reduction in citywide emissions by 2031
Sydney	100% renewable energy for council operations by 2021 Carbon neutral from 2008 Reduce emissions by 70% for the LGA by 2030 Net zero emissions for the LGA by 2050



Local governments commitments

This table showcases ambitious carbon and energy commitments by local governments and their communities. We split the tables into renewable energy commitments and carbon reduction commitments.

If you are interested in learning more about the difference between renewable energy and carbon targets, you can read our [blog post on whether carbon neutral and 100% renewables are the same](#).

STATE OR TERRITORY	LOCAL GOVERNMENTS	RENEWABLE ENERGY COMMITMENT	CARBON COMMITMENT
ACT	ACT	100% renewable electricity by 2020	40% reduction in GHG emissions from 1990 by 2020 50–60% reduction in GHG emissions from 1990 by 2025 65–75% reduction in GHG emissions from 1990 by 2030 90-95% reduction in GHG emissions from 1990 by 2040 Net zero emissions by 2045
NSW	Broken Hill Council	100% renewable energy status by 2030	
NSW	Blue Mountains City Council		Carbon neutral by 2025
NSW	Byron Bay Council	100% renewable energy by 2027	Net zero by 2025
NSW	City of Newcastle	100% renewable electricity from 2020	
NSW	Coffs Harbour City Council	100% renewable energy by 2030	
NSW	Eurobodalla Shire Council	100% renewable energy by 2030	
NSW	Inner West Council	100% renewable electricity by 2025	Carbon neutral by 2025 100% divestment from fossil fuel
NSW	Ku-ring-gai Council		Reduce greenhouse gas emissions to achieve net zero emissions by 2045 or earlier
NSW	Kyogle Council	25% electricity from on-site solar by 2025 50% renewable electricity by 2025 100% renewable electricity by 2030	
NSW	Lismore City Council	Self-generate all electricity needs from renewable sources by 2023	
NSW	Nambucca Council		Zero net carbon emissions within the 2030 to 2050 time frame
NSW	Parramatta Council		Carbon neutral by 2022
NSW	Port Macquarie-Hastings Council	100% renewable energy by 2027	

STATE OR TERRITORY	LOCAL GOVERNMENTS	RENEWABLE ENERGY COMMITMENT	CARBON COMMITMENT
NSW	Randwick Council	100% renewable by 2030 for stationary and transport energy	Zero emissions by 2030
NSW	Sydney	100% renewable energy for council operations by 2021	Carbon neutral from 2008
NSW	Tweed Shire Council	50% renewable energy by 2025	
NSW	Willoughby City Council		By 2028 emit 50% less GHG emissions from operations compared with 2008/09 Achieve net zero emissions by 2050
QLD	Brisbane City Council		Carbon neutral since 2017
QLD	Gold Coast City Council		Carbon neutral by 2020
QLD	Logan Council		Carbon neutral by 2022
QLD	Noosa Council		Net zero emissions by 2026
QLD	Sunshine Coast Council		Net zero emissions by 2041
VIC	City of Ballarat Council	100% renewables by 2025	Zero emissions by 2025
VIC	City of Greater Bendigo	100% renewable energy by 2036	
VIC	City of Greater Geelong		Zero carbon council by 2050
VIC	City of Port Phillip		Zero net emissions by 2020
VIC	City of Yarra	100% renewable electricity since 2019	Carbon neutral since 2012
VIC	Hepburn Council		Carbon neutral by 2021
VIC	Hobsons Bay		Reach zero net GHG emissions from council's activities by 2020
VIC	Glen Eira		Net zero emissions from operations by 2030
VIC	Manningham		100% carbon neutral by 2020
VIC	Melbourne	100% renewable energy from 2019	Carbon neutral by 2020
VIC	Moreland Council	100% renewable energy by 2019	Carbon neutral for operations since 2012
VIC	Mornington Peninsula Council		Carbon neutral by 2021
VIC	Wyndham		Carbon neutral for corporate GHG emissions by 2040
WA	City of Bayswater	Corporate renewable energy target of 100% by 2030	Corporate GHG emissions reduction target of 100% by 2040
WA	City of Fremantle	100% renewable energy by 2025	Carbon neutral since 2009
WA	Mandurah		Carbon neutral by 2020
WA	Perth		Reduce emissions by 20% by 2020

100% Renewables is proud to have developed many of the renewable energy strategies and plans for councils that have committed to ambitious targets. We are also involved with many other councils that are delivering on their targets, including:

-)] Broken Hill Council
-)] Blue Mountains City Council
-)] Coffs Harbour City Council
-)] Inner West Council
-)] Kyogle Council
-)] Lismore City Council
-)] Nambucca Shire Council
-)] Port Macquarie-Hastings Council
-)] City of Parramatta Council
-)] Randwick City Council
-)] Tweed Shire Council
-)] Willoughby City Council

Ambitious renewables & carbon commitments by NSW councils & the ACT Gov.

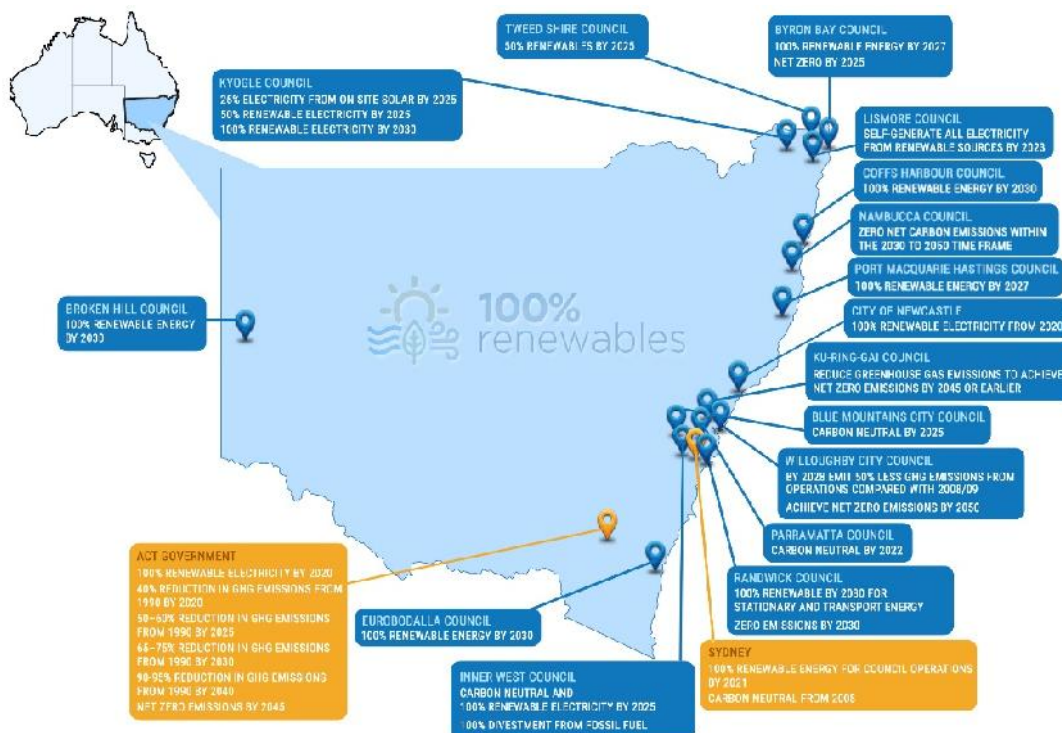


Figure 2: Ambitious renewable energy and carbon commitments by local governments in New South Wales and the Australian Capital Territory

Ambitious renewable energy and carbon commitments by VIC councils



Figure 3: Ambitious renewable energy & carbon commitments by local governments in VIC

Ambitious renewable energy and carbon commitments by QLD councils

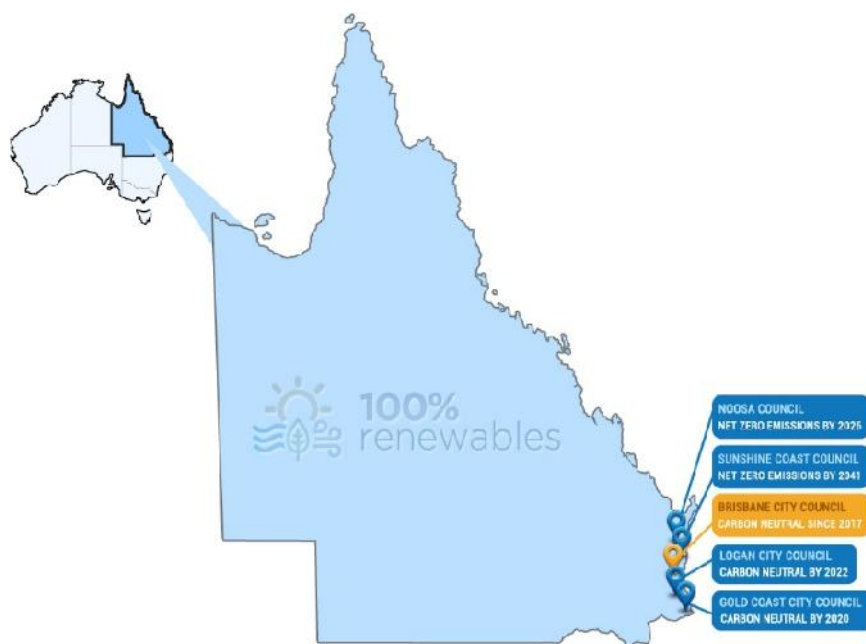


Figure 4: Ambitious renewable energy & carbon commitments by local governments in Queensland

Ambitious renewable energy and carbon commitments by SA councils

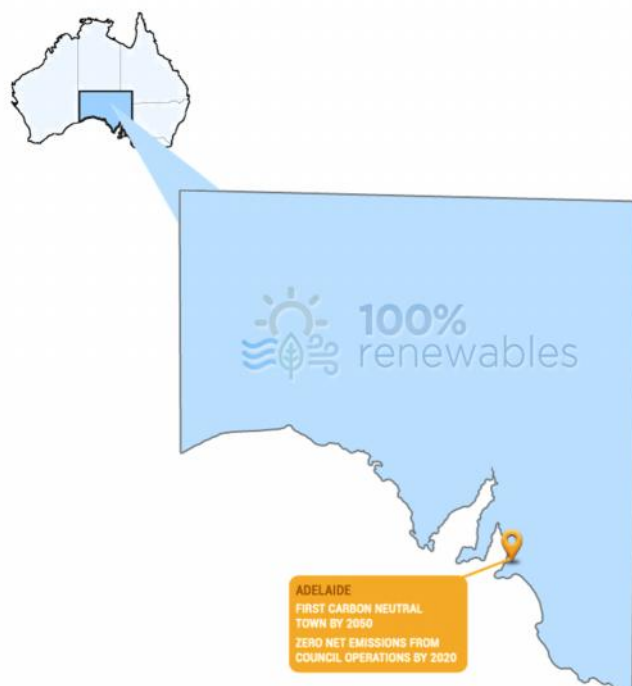


Figure 5: Ambitious renewable energy & carbon commitments by local governments in South Australia

Ambitious renewable energy and carbon commitments by WA councils

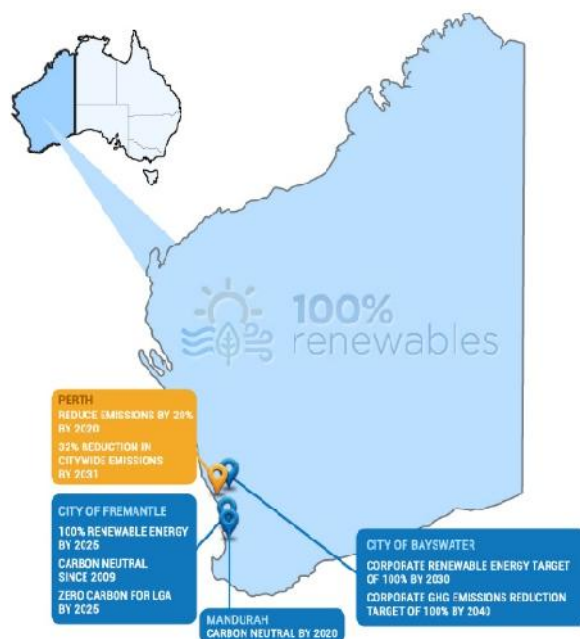


Figure 6: Ambitious renewable energy and carbon commitments by local governments in Western Australia as at Oct 19

Community climate change commitments

Until recently, most local governments focused on their own operations by developing [targets](#) and [actions plans](#). With the increasing need to rapidly reduce carbon emissions to combat climate change, more and more councils are now looking at how they can lead and facilitate carbon mitigation in their communities.

The following table shows [renewable energy and carbon commitments made by local governments on behalf of their community](#).

STATE OR TERRITORY	COMMUNITY	RENEWABLE ENERGY COMMITMENT	CARBON COMMITMENT
NSW	Byron Bay Community		Net zero by 2025
NSW	Hawkesbury City Council		Carbon neutral LGA by 2036
NSW	Inner West Council	100% of schools have installed solar by 2036 Solar PV capacity is 20 times greater than in 2017 by 2036	Community emissions are 75% less than in 2017 in 2036
NSW	Ku-ring-gai Council		Reduce greenhouse emissions by the Ku-ring-gai community to achieve net zero emissions by 2045 or earlier
NSW	Lockhart	Plan for town to be powered by renewable energy and operating on a microgrid	
NSW	Mullumbimby	100% renewable energy by 2020	
NSW	Sydney		Reduce emissions by 70% for the LGA by 2030 Net zero emissions for the LGA by 2050
NSW	Tyalgum Village	Plan to be off the grid 100% renewable energy, with batteries	
NSW	Uralla Town		Plan to be first zero net energy town
NSW	Willoughby City Council		By 2028, our community will emit 30% less GHG emissions compared with 2010/11
VIC	City of Darebin		Zero net carbon emissions across Darebin by 2020
VIC	Healesville		Net zero town by 2027
VIC	Hobsons Bay		Reach zero net GHG emissions from the community's activities by 2030

STATE OR TERRITORY	COMMUNITY	RENEWABLE ENERGY COMMITMENT	CARBON COMMITMENT
VIC	Glen Eira		Net zero emissions from the community by 2050
VIC	Melbourne		Net zero emissions by 2050
VIC	Moreland Council		Zero carbon emissions Moreland by 2040
VIC	Natimuk	100% renewable energy with community solar farm	
VIC	Newstead Village	Plan to be 100% renewable	
VIC	Warrnambool Council		Carbon neutral city by 2040
VIC	Wyndham		Zero net GHG emissions from electricity use in the municipality by 2040
VIC	Yackandandah Town	100% renewable energy by 2022	
WA	City of Fremantle		Zero carbon for LGA by 2025
WA	Perth		32% reduction in citywide emissions by 2031

At this stage, only the NSW graphic has been split into council operations' and communities' commitments. For other states, please refer to the maps in the previous section.

Ambitious renewable energy and carbon commitments by NSW communities



Figure 7: Ambitious renewable energy and carbon commitments by communities in New South Wales and the Australian Capital Territory

LOCAL GOVERNMENTS IN AUSTRALIA THAT HAVE DECLARED A CLIMATE EMERGENCY

Local governments are playing a key role in leading the climate emergency response, which is why CEDAMIA (derived from Climate Emergency Declaration and Mobilisation In Action) campaigns for a Climate Emergency Declaration at all levels of government.

CEDAMIA calls on all Australian federal, state, and territory parliaments and all local councils to:

-) Declare a climate emergency
-) Commit to providing maximum protection for all people, economies, species, ecosystems, and Civilisations, and to fully restoring a safe climate
-) Mobilise the required resources and take effective action at the necessary scale and speed
-) Transform the economy to zero emissions and make a fair contribution to drawing down the excess carbon dioxide in the air, and
-) Encourage all other governments around the world to take these same actions.

CEDAMIA works in conjunction in conjunction with [CACE](#) – Council Action in the Climate Emergency. Step 1 is to declare a climate emergency, and step 2 is to mobilise your community and move into emergency mode.

According to CACE, a local government's key role is to:

-) Lobby state and national governments to adopt and fund full climate emergency response
-) Encourage other councils to implement a climate emergency response through networks and by leading by example
-) Have local emergency action through education, mitigation & resilience building
-) Educating council staff about the climate emergency and what council can do to respond

For a great example of a climate emergency plan, download the [Climate Emergency Darebin Strategic Plan](#).

*Local governments
are playing a key
role in leading the
climate emergency
response.*

The [following local governments](#) have declared a climate emergency:

STATE	LOCAL GOVERNMENT
ACT	Australian Capital Territory Legislative Assembly
NSW	Bega Valley Shire Council
NSW	Bellingen Shire Council
NSW	Blue Mountains City Council
NSW	Broken Hill City Council
NSW	Byron Shire Council
NSW	Canada Bay City Council
NSW	Canterbury Bankstown City Council
NSW	Central Coast Council
NSW	Clarence Valley Council
NSW	Glen Innes Severn Shire Council
NSW	Hawkesbury City Council
NSW	Inner West Council
NSW	Lane Cove Council
NSW	Lismore City Council
NSW	Newcastle City Council
NSW	North Sydney Council
NSW	Northern Beaches Council
NSW	Randwick City Council
NSW	Ryde City Council
NSW	Sydney City Council
NSW	Tweed Shire Council
NSW	Upper Hunter Shire Council
NSW	Wollongong City Council
NSW	Woollahra Municipal Council
NT	Darwin City Council
QLD	Noosa Shire Council
SA	Adelaide City Council
SA	Adelaide Hills Council
SA	Burnside City Council
SA	Gawler Town Council
SA	Light Regional Council
SA	Parliament of South Australia Upper House
SA	Port Adelaide Enfield City Council
SA	Port Lincoln City Council
TAS	Hobart City Council
TAS	Kingborough Council
TAS	Launceston City Council
VIC	Ballarat City Council

STATE	LOCAL GOVERNMENT
VIC	Banyule City Council
VIC	Bass Coast Shire Council
VIC	Brimbank City Council
VIC	Cardinia Shire Council
VIC	Darebin City Council
VIC	Hepburn Shire Council
VIC	Hobsons Bay City Council
VIC	Indigo Shire Council
VIC	Maribyrnong City Council
VIC	Melbourne City Council
VIC	Moonee Valley City Council
VIC	Moreland City Council
VIC	Mornington Peninsula Shire Council
VIC	Port Phillip City Council
VIC	Surf Coast Shire Council
VIC	Warrnambool City Council
VIC	Yarra City Council
VIC	Yarra Ranges Council
WA	Augusta-Margaret River Shire Council
WA	Denmark Shire Council
WA	Fremantle City Council
WA	Swan City Council
WA	Town of Victoria Park
WA	Vincent City Council



LOCAL GOVERNMENTS THAT ARE MEMBERS OF CITIES POWER PARTNERSHIP

The [Cities Power Partnership \(CPP\)](#) is Australia's largest local government climate network, made up over 113 councils from across the country, representing almost 11 million Australians. Local councils who join the partnership make five action pledges in either renewable energy, efficiency, transport or working in partnership to tackle climate change.

There are dozens of actions that councils can choose from ranging from putting solar on council assets, switching to electric vehicles, to opening up old landfills for new solar farms. The following table shows current local government members of CPP.

STATE	LOCAL GOVERNMENT
ACT	Canberra
NSW	Albury City Council
NSW	Bathurst Regional Council
NSW	Bayside Council
NSW	Bega Valley Shire
NSW	Bellingen Shire Council
NSW	Blacktown City Council
NSW	Blue Mountains City Council
NSW	Broken Hill City Council
NSW	Byron Shire Council
NSW	City of Canterbury-Bankstown
NSW	Central Coast Council
NSW	Coffs Harbour
NSW	Cumberland Council
NSW	Eurobodalla Council
NSW	Georges River Council
NSW	Hawkesbury City Council
NSW	Hornsby Shire Council
NSW	Inner West Council
NSW	Kiama Council
NSW	Ku-ring-gai Council
NSW	Lane Cove Council
NSW	Lismore City Council

STATE	LOCAL GOVERNMENT
NSW	Mosman Council
NSW	MidCoast Council
NSW	Muswellbrook Shire Council
NSW	Nambucca Shire Council
NSW	The City of Newcastle
NSW	Northern Beaches Council
NSW	North Sydney Council
NSW	Orange City Council
NSW	Parkes Shire Council
NSW	City of Parramatta
NSW	Penrith City Council
NSW	Port Macquarie-Hastings
NSW	Randwick City Council
NSW	City of Ryde
NSW	Shellharbour City Council
NSW	Shoalhaven City Council
NSW	City of Sydney
NSW	Tweed Shire
NSW	Upper Hunter Shire Council
NSW	City of Wagga Wagga
NSW	Waverley Council
NSW	Willoughby Council
NSW	Wingecarribee Shire
NSW	Woollahra Municipal Council
QLD	Brisbane City Council
QLD	Bundaberg Regional Council
QLD	Cairns Regional Council
QLD	Douglas Shire Council
QLD	Ipswich City Council
QLD	Livingstone Shire Council
QLD	Logan City Council
QLD	Mackay Regional Council
QLD	Noosa Shire Council
QLD	Sunshine Coast Council
SA	Adelaide Hills Council
SA	City of Adelaide
SA	Alexandrina Council
SA	City of Charles Sturt
SA	Goyder Regional Council
SA	Kangaroo Island Council
SA	Mount Barker District Council
SA	City of Onkaparinga
SA	City of Victor Harbor
NT	Alice Springs Town Council
NT	City of Darwin

STATE	LOCAL GOVERNMENT
WA	City of Armadale
WA	Shire of Augusta-Margaret River
WA	Town of Bassendean
WA	City of Bayswater
WA	City of Belmont
WA	City of Bunbury
WA	City of Busselton
WA	City of Canning
WA	City of Cockburn
WA	Shire of Donnybrook-Balingup
WA	City of Fremantle
WA	City of Gosnells
WA	City of Kalgoorlie-Boulder
WA	City of Kwinana
WA	City of Melville
WA	Shire of Mundaring
WA	Shire of Northam
WA	City of Rockingham
WA	Shire of Serpentine Jarrahdale
WA	City of Swan
WA	Town of Victoria Park
VIC	City of Ballarat
VIC	Benalla Rural City Council
VIC	City of Boroondara
VIC	City of Casey
VIC	City of Darebin
VIC	City of Greater Dandenong
VIC	Hepburn Shire Council
VIC	Mildura Rural City Council
VIC	City of Monash
VIC	Moreland City Council
VIC	Mornington Peninsula Shire
VIC	Mount Alexander Shire Council
VIC	City of Port Phillip
VIC	Strathbogie Shire Council
VIC	Stonnington City Council
VIC	Rural City of Wangaratta
VIC	Warrnambool City Council
VIC	Wyndham City Council
VIC	City of Yarra
VIC	Yarra Ranges Council
TAS	Brighton Council
TAS	Northern Midlands Council
TAS	Huon Valley Council
TAS	Glamorgan Spring Bay

LOCAL GOVERNMENTS THAT ARE MEMBERS OF GLOBAL COVENANT OF MAYORS

[Global Covenant of Mayors](#) or GCoM is the largest global alliance for city climate leadership. GCoM is built upon the commitment of over 10,000 cities and local governments across 6 continents and 139 countries. In total, these cities represent more than 800 million people. By 2030, Global Covenant cities and local governments could collectively reduce 1.3 billion tons of CO₂ emissions per year.

In Australia, 26 councils are members of GCoM. To join the GCoM, you need to develop citywide knowledge, goals, and plans that aim [at least as high as your country's own climate protection commitment\(s\)](#) or Nationally Determined Contribution (NDC) to the Paris Climate Agreement.

As a partner of the GCoM, you need to undertake the following:

-) Develop a [community greenhouse gas \(GHG\) emissions inventory](#)
-) Assess climate risks and vulnerabilities
-) Define [ambitious climate mitigation, resilience and energy targets](#)
-) Create full climate action plans

As partner of the GCoM, you need to develop a community GHG emissions inventory.

STATE	LOCAL GOVERNMENT
ACT	Australian Capital Territory (Canberra)
NSW	Byron Shire
NSW	Newcastle
NSW	Penrith
NSW	Sydney
NSW	Tweed Shire
NSW	Wollongong
SA	Adelaide
SA	Mount Barker
TAS	Hobart Australia
VIC	Darebin City Council
VIC	Glen Eira
VIC	Hobsons Bay City Council
VIC	Manningham
VIC	Maribyrnong

STATE	LOCAL GOVERNMENT
VIC	Melbourne
VIC	Melton
VIC	Moreland
VIC	Mornington Peninsula Shire
VIC	Port Phillip
VIC	Wyndham City Council
VIC	Yarra
WA	Joondalup
WA	Mandurah
WA	Melville
WA	Perth

Local Governments that are members of C40

[C40](#) is a network of the world's megacities committed to addressing climate change. C40 supports cities to collaborate effectively, share knowledge and drive meaningful, measurable and sustainable action on climate change. In Australia, Melbourne and Sydney are members.



If you need help with your own target or plan

100% Renewables are experts in helping local governments and communities develop renewable energy and carbon targets and strategies. If you need help with developing a target and plan that takes your unique situation into consideration, please contact our certified GHG City Planner [Barbara](#) or [Patrick](#).



CITY CLIMATE PLANNER

Any corrections?

Please let us know if there are any commitments that are missing, or if any commitment needs a correction. You can contact us for a copy of these graphics.

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www.100percentrenewables.com.au



Level 32, 101 Miller Street
North Sydney 2060

www.100percentrenewables.com.au