



GVROC Regional Climate Alliance
Climate Plan 2023 - 2030

Emissions Reduction Activities

	Strategy	Activity	Who	Timeframe	Notes/explanation
1	Community and Council Emissions Reduction	Continue to develop and report Council emissions	Members	1-5 years	<i>Using the Ironbark tool and implementing policies and processes through Councils</i>
2		Identify programs and initiatives to reduce, track and report on community emissions	RCA and members	1-5 years	<i>Where Councils have direct control - waste, infrastructure, planning, transport, arts and culture, community health</i>
3		Monitor key community emissions, develop strategies and communicate progress	RCA	1- 7 years	<i>EV's, EV charging, solar PV, battery storage, grid scale renewables, offset programs</i>
4		Develop collaborative regional emissions reduction initiatives and solutions	RCA	1-5 years	<i>Investigate further regional street lighting upgrade projects, GE EV roadmap, solar and battery bulk buys. Work with WALGA on this also</i>
5	Planning and Advocacy	Advocate for and work with WA Government to develop a full land audit report across the region	RCA	1-5 years	<i>Zoning and occupancy of land and its suitability for renewable energy projects. Includes planning for and enabling renewable energy hubs and corridors that support infrastructure developments, such as port access for wind turbine importation and road and rail transfers</i>
6		Lobby Government for funding and support for renewable energy provision to GVROC communities from future renewable energy projects	RCA	1-10 years	<i>Such as green hydrogen, industry (mining) and utilities infrastructure investment that provides public/private co-investment benefit</i>
7		Further investigate and lobby for opportunities for bioenergy generation through shared waste management solutions	RCA	1-5 years	<i>Shires of Coolgardie and Dundas working on this. CBH, Horizon Power and Western Power conducting pilot programs.</i>
8		Continue to work with State Government on Waste Strategy and Infrastructure Plan	RCA and members	1-3 years	<i>These plans are in draft format and GVROC RCA is providing input as required</i>
9		Advocate and lobby State and Federal Governments for more funding to support regional and remote communities to transition to renewable energy	RCA and members	1-5 years	<i>Horizon Power is looking into Warburton and Utilities are taking over all management of power and water for remote Aboriginal communities</i>

Adaptation Activities

	Strategy	Activity	Who	Timeframe	Notes/explanation
1	Community and Council Adaptation	Reduce heat impacts on the natural environment through reforestation and biodiversity programs.	RCA and members	1-5 years	<i>Increase canopy cover and biodiversity of native drought tolerant species (\$1.5M application submitted to State NRM)</i>
2		Identify and enhance locations that can be used as "cool places" to reduce heat wave impacts on vulnerable community members	RCA and members	1-5 years	<i>Of particular importance in remote Aboriginal communities</i>
5		Review location, capacity and accessibility of evacuation centres across the region and assess solar and battery systems at the centres	RCA and members	1-5 years	<i>Undertake climate impact assessments of critical infrastructure in the region and cost benefit analysis of upgrades to infrastructure (\$500,000 project application submitted to NDRR)</i>
4		Continue to work with emergency service organisations on the development of community-based emergency preparedness and response plans	RCA and members	1-5 years	<i>This links in with current project application to NDRR and should include remote Aboriginal communities</i>
6		Integrate climate change into Council asset management plans and seek further funding to upgrade facilities	RCA and members	5+ years	<i>This follows on from the above project</i>
7		Planning and Advocacy	Develop a Regional Water Security Joint Working Group with Ministerial endorsement and a Regional Water Security Action Plan which will lead to water infrastructure projects on ground	RCA	1-7 years
3	Advocate to Government to improve the quality of social housing stock		RCA and members	1-5 years	<i>Significant issues in remote aboriginal communities. Buildings need to withstand climate change impacts and reduce energy costs</i>