



Shire of Nannup Sustainability Action Plan

2024-2030

The Shire of Nannup acknowledges the Wardandi and Bibbulmun people as the native title holders of the lands and waters in and around Nannup together with all native title holders throughout the Shire. We pay respect to the Elders, past, present and emerging, of the Wardandi & Bibbulmun people and extend that respect to all Aboriginal Australians living within the Shire of Nannup.

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1. INTRODUCTION

Impacts of climate change are being felt around the world and in our community. Rising temperatures, longer summers, more intense bushfires and reduced rainfall are happening more frequently, and can have catastrophic consequences to the economy, the environment and our way of life. Globally, organisations are responding and implementing policies and practices to mitigate the impacts of climate change, for our own betterment, and those of future generations.

The Shire of Nannup Sustainability Action Plan has been developed in consultation with the community and helps to inform the priorities and resilience of Council's operations and our community, in line with the Shire's Strategic Community Plan. The identified actions will feed into operating procedures and documents including the Corporate Business Plan, Annual budget, Risk Management and Business Continuity Plans.

This plan also aligns with the Warren Blackwood Alliance of Council's Draft Subregional Climate Change Action Plan.

In 2018, Councils across Western Australia came together to address the impacts of climate change. The Western Australian Local Government Association (WALGA) State Council endorsed this through their Climate Change Policy Statement.

Local Governments, from across Western Australia (including Nannup) have committed to WALGA's Climate Change Declaration that demonstrates their acknowledgment of the impacts of climate change and their commitment to developing locally appropriate mitigation and adaptation strategies to manage climate change.

Acting on and responding to climate change is an ongoing process, and this Plan will need to be reviewed and updated every three years to reflect changing political, legislative and resourcing circumstances, and emerging scientific information.

In 20 years' time, would Nannup be self-sustaining? Can we meet the needs of the community for our daily life?

2. STRATEGIC ALIGNMENT:

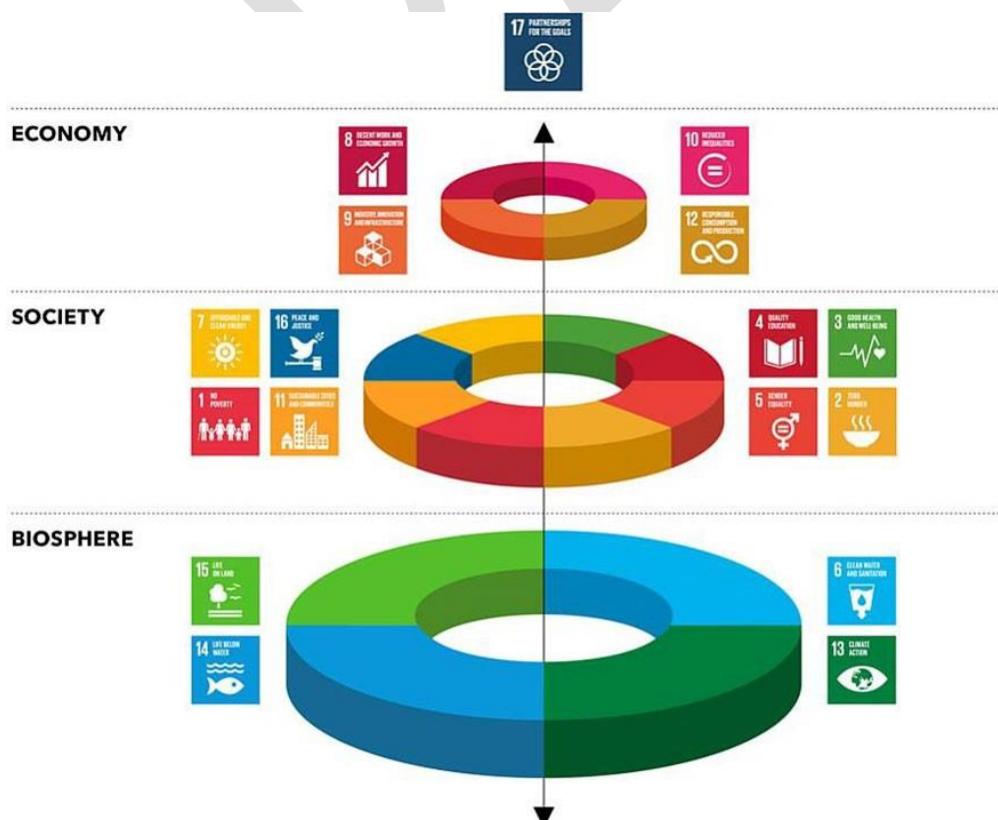
UNESCO SUSTAINABILITY PRINCIPLES

In 2015 the Sustainable Development Goals (SDGs) were adopted by the United Nations in 2015. The 17 linked goals provide a roadmap that addresses increasing prosperity, ending social injustice and poverty, and improving health and wellbeing, all while protecting the environment.



The Sustainable Development Goals model illustrates the biosphere as the foundation of economies and societies and describes how economies and societies should be seen as embedded parts of the biosphere.

This is a move away from the traditional approach where social, economic, and ecological development are seen as separate parts.



3. METHODOLOGY

Four workshops have been held with community members to find out what is important to them when it comes to improving sustainability and responding to climate change.

Workshop 1: Sustainability Committee members

Workshop 2: Community members

Workshop 3: Scott River community members

Workshop 4: Nannup District High School students (Years 7-10)

An online survey was conducted over a period of one month, and written input was received from Board members of the Donnelly River Village.

The draft strategy was peer-reviewed by staff and the Sustainability Advisory Committee, and then released for community feedback to inform the final plan.



4. RISK ASSESSMENT

We recognise that climate change presents various significant challenges, risks and opportunities to the Shire of Nannup. These include

- Damage to, or loss of, properties building and infrastructure
- Reduced community liveability
- Damage to, or loss of, biodiversity and natural habitat
- Increased heat, pest and water stress on vegetation
- Increased demand for water and electricity services
- Increased number of higher bushfire risk days, and severe bushfires
- Increased insurance premiums
- Increased maintenance of road and drainage networks
- Decreased environmental water quality
- Decreased water security
- Increased demand on emergency response and management services
- Impacts on food resources and food production industries due to reduced agricultural outputs from reduced rainfall and damage to agricultural lands

While the risks of climate change are acknowledged, now is an opportunity to mitigate and as a community, address the resilience to these impacts whilst ensuring the sustainability of our environment.

5. SUSTAINABILITY ACTION PLAN

The Shire of Nannup Sustainability Action Plan aligns with the Warren Blackwood Alliance of Council's Sub-regional Climate Change Action Plan.

The key pillars that have been addressed includes:

1. Climate change mitigation

involves actions that are intended to reduce our greenhouse gas emissions to minimise the severity of climate change or enhance the sinks for these emissions.

2. Climate change adaptation

consists of actions undertaken to reduce the consequences of the physical impacts of climate change, as well as to harness any opportunities as a result of these actions.

3. Advocacy and Leadership

Some adaptation and/or mitigation actions, responsibilities and resourcing capacity sit at the State or Commonwealth levels. In these circumstances, political advocacy by Shire Presidents and elected members will be critical to influence and lead action.

4. Communication

Communication is an important component of climate change action planning; this is a whole of community responsibility and requires effective two-way communication.

6. REPORTING AND EVALUATION

Having a formal process in place for monitoring and evaluating our Sustainability Action Plan is fundamental to understanding our progress in addressing climate change, and the effectiveness of our actions, and will assist us in guiding future decisions.

Sustainability will now be added as a standing item in Council's monthly Concept Forum meeting report.

The Sustainability Advisory Committee will review the Action plan annually. This will assist to develop budget and funding opportunities for following years to ensure outcomes can be achieved. These will be communicated to the community through the Annual Report and in Council's communication channels.

To identify key challenges and focus areas for the following years based on actions that are not on track for completion within their timeframe, and actions that have not resulted in the achievement of the intended outcomes.

Following the annual monitoring process, we will evaluate our Subregional Climate Change Action Plan and identify whether any areas require updates, or additional funding/focus for the outcomes to be achieved. Any substantive changes made will be communicated through the respective Shires and to our community where relevant.

7. ACTION PLAN

CATEGORY	ADAPTATION ACTION
Climate change and emission reduction	Investigate de-carbonised transport options (e bikes, shared community e-vehicles)
	Promote ride share programs (bikes and cars)
	Undertake a Vulnerability Risk Assessment of Nannup Shire
	Encourage use of alternative energies (wind and solar)
	All council buildings powered with renewable energy (including residential buildings)
	Drought proof the Shire of Nannup. Encourage sustainable water catchments on private land.
	Establish a community battery for Nannup townsite
	Undertake an energy audit for Shire of Nannup (Council buildings and offer to residents – free or low cost energy audit)
	Develop a Waste Management Facility Improvement Plan
Water conservation	Drought proofing – ensuring agricultural land does not become saline affected
	Join the State Government Water Wise program (Shire of Nannup)
	Study required into impact of tree plantations on water table to include: - Study on water quality once trees harvested. Incorporating future water availability for business operations.
	Improvement of water quality in Blackwood River.
	Water security for agricultural use
	Implement a dam policy- ensures protection of bio-diversity and downstream neighbours dam
	Restrict area for Bluegum plantations. Scott River is prime agricultural land
Community engagement	Community workshops on recycling and waste and food waste (composting)
	Community workshops on water wise strategies, protection from salinity, drought proofing Nannup
	Become an Owl Friendly community
	Coordinate and promote global environmental education days (Earth Hour 23/3, World Water Day 22/3, National Tree Day July)
	Investigate and source a permanent location and support the Noonooda Gardens (Nannup Community Garden) as a community educational and social hub.

CATEGORY	MITIGATION ACTION
Biodiversity	Develop a Blackwood River Weed Management Plan
	Develop a whole of Shire Pest and Weed Control / Management Plan
	Community bio-diversity landcare nursery established
	Find alternative to Glyphosate near waterways and road verges
	Promote installation of back up hybrid renewable power and water sources.
	Strengthen infrastructure against power/utility failure caused by severe weather events.
Cultural heritage	Work with FPC to restore the Aspin Arboretum
	Dual naming of cultural assets and places of significance
	Update mapping of cultural heritage sites
	Initiate a partnership with DBCA Indigenous Ranger and invite them to be a sitting member of the Sustainability Advisory Committee
	Continue to support cultural heritage via support for the Nannup Historical Society, activities and encouraging private owners to preserve heritage properties and streetscapes.
	Continue to promote and host Indigenous sports days and cultural activities as part of school holiday programs
	Research and install interpretive panels at places of cultural significance within the Shire
Built environment	Purchase a glass crusher for the Waste Management Facility for road base material. Could be a joint WBAC action
	Improve communication reliability in the Shire of Nannup
	Recycling bins in all Council buildings
	Recycling bins along main street and for events, including Containers for Change
	Scott River Transfer Station or skip bin
	Recycling bins to be provided for residents who live outside of the town centre.
	Scott River bio gas plant (waste potatoes as fuel)
	Solar panels installed on Danjangerup Cottages
	Bike path masterplan updated. Incorporating: <ul style="list-style-type: none"> - bike path on main street (move one side of parking to parallel street) - bike path on all bitumen roads (extend shoulders)
	Promote cat enclosures for private residents
	CCTV for Scott River Fire shed installed
	Promote VBFB sheds as community assets and community spaces
	Recycle water catchment from roads into ground water (recharge aquifer)
	Facilitate or establish a business co/hub in the town centre
	Cardboard compactor at Waste Management Facility
	Tip Shop activation: seed funding for NGO or small business to operate

	Initiative to enable land fill diversion at Nannup Waste Management Facility
Land/reserve restoration	Ensure local planning scheme supports wildlife habitat corridors
	Work with the Department of Waters & Rivers to clean up the Blackwood River
	Restore the Railway reserve for dog exercise and camping
	Restore Big Pool as a town swimming pool, reduces traffic to Barrabup Pool
	Restore the bush strip around the Nannup District High School
	Ensure river walk trails are maintained with cultural and heritage interpretation panels
Scott River	South Coast dune environmental restoration (Scott River/Milyeannup)
	One formal access through Reserve land for land owners to the beach (land locked land)
	Verge clearing undertaken and maintained at Scott River
	Fox and feral cat baiting programs at Scott River
	Kangaroo culling program and feral pig eradication program initiated
	Blackberry, Paddy melon, Apple of Sodom, Golden Wattle and Arum lily control and management
Emergency Management	Continue to provide support to the Chief Fire Control Officer, Deputy Chief Fire Control Officers and Volunteer Bush Fire Brigades and SES.
	Continue to partner with DFES on Bushfire mitigation.
	Continue to partner with DFES to engage a Community Emergency Services Manager (CESM).
	Promote Starlink and Whats App communication ability between landowners in an emergency incident if no communications available.
	Ensure cross road Four Acres Road/Milyeannup Coast Road is maintained in good condition for use by emergency vehicles including helicopter and planes (as landing strip)
	Promote residents to provide mobile numbers for rapid communications in emergency incidents (provided with rates notice)
	Promote mulching in situ as an alternative to burning (releases carbon to the ground)
	Establish a green belt around townsite (using natives and deciduous trees)
Community engagement	Workshops or educational program to encourage sustainable/appropriate prescribed burning practices
	Workshops or education programs to educate about appropriate Asset Protection Zones around buildings and infrastructure
	Fire resistant and native endemic plants promoted to landowners to plant on private properties
	Support Geopark initiatives
	Establish a best practice native drought proof garden in Nannup
	Support a community group/project/partnership to establish a Repair Café.
	Promote a Toy Library and Tool Library in Nannup

	<p>Support all events to incorporate recycling and sustainable waste management into their event logistics and functions</p> <p>Support the establishment of a community-based Landcare group</p>
CATEGORY	LEADERSHIP & ADVOCACY ACTIONS
Resources	<p>Engage an Environmental & Sustainability Officer</p> <p>Respect and embed cultural attitudes into Council programs (Indigenous led cultural awareness)</p> <p>Brief key stakeholder groups and relevant government agencies on the Shire of Nannup Sustainability Plan</p> <p>Advocate for de-carbonised energy solutions (pumped hydro, community battery storage)</p> <p>Advocate to State Government (Health Department) for grey water systems. Currently only one system has WA Government approval, many systems are on the market that currently don't comply with Local Government policy</p> <p>Establish base line data information about ecological values of the area</p> <p>Advocate for regional water use (not to the detriment of the environment and water consumers in the Shire of Nannup)</p> <p>Advocate and support Donnelly River Village to source a reliable and sustainable water solution.</p> <p>Continue to advocate for the bio-diversity of the environment that makes Nannup so special</p> <p>Advocate for efficient battery back on Telstra towers to reduce community impacts through mitigation of (solar or wind powered)</p> <p>Advocate and support the Donnelly River Village in encouraging the state government's cooperation to make changes to the existing electrical infrastructure that will enable power to be largely created on site (through solar and battery).</p> <p>Use this action plan to build relationships and projects with local Aboriginal groups.</p> <p>Facilitate cultural awareness training to be offered to community groups, NDHS and members when developing partnerships and projects.</p> <p>Advocate to State Government for affordable housing</p> <p>Local planning policy to ensure all new residential and commercial buildings have rainwater tanks installed</p> <p>Work with other Shires to support group use of purchasing and use of specialized equipment.</p> <p>Sustainability to be a standing item in Council's monthly meeting agenda.</p> <p>Encourage climate resilient construction of residential buildings</p> <p>Extreme weather response preparedness by LEMC (heat wave, power and telecommunications outages)</p> <p>Rec Centre established as place of refuge in extreme heat/power and comms outage/</p> <p>Incorporate a Bio-security plan into Council's Community Strategic Plan</p>
Resources	<p>Ensure forests remain accessible to the community (access to trails, water holes etc)</p> <p>Lobby for public transport options to Busselton for higher education students and those who don't have a license</p>

Scott River	Re-align Shire boundaries to incorporate East Blackwood River into the Shire of Nannup
	Land made available for collaborative resource use (packing sheds and value add production)
	Workers Accommodation supported by Council

CATEGORY	COMMUNICATION ACTIONS
Community engagement and information sharing on sustainability practices	Support and promote environmental education and awareness in the Shire
Communication	Promote government incentives on sustainability initiatives
	Develop a sustainability communication strategy to the community and update the community on implementation of action items as they occur.
	To have a column on sustainability in the Nannup Telegraph
	Nannup Telegraph to come out fortnightly (less advertising, more articles)
	Undertake a survey to residents to determine if the Shire will join the State Bio-security program (levies on rates)
Scott River	Develop a waste and recycling guide (batteries, recycling bins, asbestos, cardboard)
	Council meetings held at Scott River twice per year
	LSW Growers Group to be key stakeholder group for agricultural discussions
	Improve communication portals with residents in Scott River

8. WORKSHOP ATTENDANCES

Nannup Sustainability Workshop Community Consultation February 2024

Christine Edwards	Sharon Barker
Helen Ponton	Mark Scott
Irene Schmulz	Amy Mason
Michael Pickup	Vicki Hanson
Sue Pickup	Ian Gibb
Bob Longmore	Davina Gibb
Lisa Reilly	Maggie Longmore
Jasper Grugeon	Nicole Botica
Nicolette Murray	David Brocklehurst
Julia Brocklehurst	Rod Archdall
Serena Terry	Rita Stallard
Steve Boak	Louise Stokes
David Taylor	Clint Connor

Scott River Sustainability Workshop Consultation March 2024

Kristy Dunnet	Keith Whild
Ken Milne	Lyn Whild
Charlotte Burin	Jasper Grugeon
Tim Prosser	Al McIlroy
Keryn McIlroy	Daryl Avery
John Dunnet	Barbara Dunnet

9. REFERENCES

Climate Adaption Strategy_020424.pdf (www.wa.gov.au)

Shaping Western Australia's low-carbon future.pdf (www.wa.gov.au)

Shire of Nannup Community Strategic Plan 2023- 2032

Supporting Continuous Improvement in ESG Outcomes for Western Australia (www.wa.gov.au)

Transforming our world: the 2030 Agenda for Sustainable Development | Department of Economic and Social Affairs (un.org)

Western Australian Climate Policy.pdf (www.wa.gov.au)

Western Australian Climate Projections Summary.pdf (www.wa.gov.au)

Warren Blackwood Sub Regional Climate Action Plan www.wbac.net.au

Warren Blackwood Sub Regional Growth Plan <https://www.wbac.net.au/projects>