



Shire of
Narrogin
Love the life

ENVIRONMENT ACTION PLAN 2023-2027

SNAPSHOT

VISION

A leading regional economic driver and a socially interactive and inclusive community.

MISSION

Provide leadership, direction and opportunities for the community.

KEY PRINCIPLES

In achieving the Vision and Mission, we will set achievable goals and work with the community to maintain a reputation of openness, honesty and accountability. In doing so we will:

- Respect the points of view of individuals and groups;
- Build on existing community involvement;
- Encourage community leadership;
- Promote self-reliance and initiative;
- Recognise and celebrate achievement;
- Support the principles of social justice; and
- Acknowledge the value of staff and volunteers.

OUR VALUES

CARE with Trust & Teamwork

Caring - We display kindness and concern for one another and our community

Accountability - We accept responsibility for our actions and outcomes

Respect - We treat everyone how we would like to be treated

Excellence - We go the extra mile to deliver outstanding services

Trust - We share without fear of consequences

Team Work - We work together for a common goal

ENVIRONMENT OBJECTIVES

Conserve, protect and enhance our natural and built environment

A preserved natural environment

Conserve, enhance, promote and rehabilitate the natural environment

Effective waste services

Support the provision of waste services

Efficient use of resources

Increase resource usage efficiency

A well maintained built environment

Improve and maintain built environment

ACHIEVED INITIATIVES

- Stormwater Harvesting and Storage Project Clayton Oval \$150k.
- Renewal of Wastewater Treatment (TWIS) and Harvesting infrastructure 2022 \$180k.
- TWIS water reuse on Shire's Parks & Reserves and the two public Primary Schools.
- Adoption of inaugural Public Health Plan.
- Installation of Solar Panels on Shire Assets including:
 - Admin Building (24.60kW).
 - Bob Farr Memorial Library.
 - Shire Depot.
- Tree Planting Programs, to assist capture CO² and reduce the heat island effect and to increase, rehabilitate degraded farmland amenity including:
 - LCDC Tree Planting Grants \$5k.
 - Adopt a Street Tree Program.
 - Planting of over 3,000 Street Trees and Shrubs throughout the Townsites of Narrogin and Highbury.
- Adoption of staff initiatives to Reduce, Reuse, and Recycle.
- Improve Railway Dam water harvesting.
- Adoption of Bush Fire Prevention Plan.
- Mulching of pruned street trees and reuse as mulch reducing watering and weeds.
- Supporting the Narrogin Community Gardens.
- Sponsoring of the Growers & Makers Markets 6x pa.
- Convert LED Lighting at Hockey Stadium to LED with UGSHA \$450k.
- Installation of mature broad canopy deciduous trees to NRLC Carpark 2021.
- Convert Squash Lighting to LED at NRLC with Squash Club \$15k.
- Encourage recycling and reuse and reduce in community education on website and in social media.
- Apply current building code Australia Standards for all new dwellings and buildings within the Shire to ensure minimum compliant energy efficiency.
- Install an appropriate generator at the Shire Admin Office (Command centre) for use during disasters.
- Have current Local Emergency Management Plans and in particular Bushfire Risk Management Plans in place.
- Adoption of Townscape Study Review, by greening the CBD, to build on the leafy character within the Town, improve pedestrian amenities (Shade & Shelter), reduce the "heat island".
- Protection of environmental features in the Local Planning Strategy and Local Planning Scheme, such as areas of significant native vegetation, significant waterways and major surface water catchment area boundaries.
- Protection of local and regional conservation significance as "Environment Conservation" reserves in the Local Planning Scheme & Strategy.
- Registration of contaminated sites to ensure future management including rehabilitation of the sites.
- Convert Clayton Oval Lighting to LED with Hawks FC \$220k.
- Convert Narrogin Tennis Courts Lighting to LED Lighting with support of Club \$40k.
- Installation of Toilets at Railway Dam for public and RVs.
- Men's Shed supported to develop affordable local Fruit Fly Traps.

ACHIEVED INITIATIVES Continued

- Develop and maintain a Community Resilience Plan – February 2023.
- Develop and maintain Website information on Climate Change for the Community, Households and Businesses.
- Installation of Solar Panels to all Shire Houses (2) (Both 5.80kW).
- Installation of Solar Panels on Railway Station Complex (5.80kW).
- Installation of Solar Panels to the Shire Caravan Park (15.00kW).
- Installation of 3 x 22amp Fast Chargers for Electric Vehicles at the Shire Caravan Park, Memorial Park, and Museum Carpark (2023).
- Acquisition of a 70kW diesel generator on a trailer for the NRLC for the community's Evacuation & Recovery Centre.
- Acquisition of 4 x e-scooters for locating at the Caravan Park & Visitor Centre.
- Installation of 6 x 10amp Electric Charging Stations at the Shire Office.
- Success with a DWER Grant to install a water harvesting dam at Narrogin Regional Airport, for DBCA/DFES Water Bombers.

CURRENT INITIATIVES

- Consider grants to develop a Tip Shop at the Narrogin Refuse and Recycling Facility.
- Progressively convert CFC Lighting to LED Lighting at NRLC.
- Progressively convert light fleet to Plug in/Hybrid and E Vehicles.
- Advocate to Telstra & NBN Co to:
 - Ensure the robustness of communications throughout the Shire in light of increasing severity of weather patterns.
 - Ensure resilience and robustness of communications by installing appropriate technology at the NRLC for use during disasters.
- The 2022 National Construction Code (NCC), which took effect in September 2022, requires all new dwellings to meet a minimum energy efficiency rating of 7 stars under the Nationwide House Energy Rating Scheme (NatHERS).
- Support and encourage community organisations that promote natural resource management such as catchment groups and land management associations.
- Consider opportunities to reduce our carbon emissions where practical and economically efficient to do so.
- Consider Community Batteries Options.
- Investigate options and lodgment of Commonwealth Grant to utilise renewable energy for heating the NRLC Aquatics.

FUTURE INITIATIVES

- Support local renewable energy initiatives and projects including:
 - Development of the Narrogin Future Industries Park.
 - Development of a large 300mW Solar Farm for Narrogin.
 - Development of Neoen Australia Pty Ltd 300mW Narrogin Wind Farm.
 - Regen Agriculture Initiatives in planting agricultural land where otherwise unsustainable or susceptible to salinity or water logging.
 - Development of Australia's first Renewable Diesel plant in Narrogin with capital cost of \$200M & ongoing industry of \$37.5m pa.
 - Development of a Battery Energy Storage System (BESS) (600mW).
 - Development of Lighthouse BP Wind and Solar Farm approx. 600mW.
- Investigate options to convert other suitable Shire owned facilities to renewable power.
- Investigate options to purchase green energy from the proposed Solar Farm.
- Consider adding the NDHS to the TWIS Scheme, if capacity allows.
- Advocate to secure access to Water Corp. Bottle Creek Dam for water harvesting and reuse schemes.
- Consider reuse of green waste at Refuse & Recycling Facility to renewable energy.
- Consider a review of verge treatments to allow only native gardens or vegetable gardens.
- Consider converting street lighting within the townsites of Narrogin and Highbury to LED.
- Consider the development of a land use Local Planning Policy (LPP) restricting intensive vegetation planting to a maximum % of agricultural land, unless in less productive, and/or unviable land.
- Consider the provision of landscaping requirements to all new non-residential developments as a LPP.
- Consider the provision of water storage tanks for Rural Residential Development as a LPP.
- Investigate with Synergy or other providers, options for developing community batteries within the Shire.
- Advocate for local consumers to be able to access green diesel and power.
- Consider options for converting utility vehicles & larger fleet to electric or hybrid.
- Consider increasing the solar panels of the Shire Admin office from 24.60kW to 30.00kW, the maximum allowed.