



Shire of  
**Narrogin**  
*Love the life*

# ENVIRONMENT ACTION PLAN

SNAPSHOT

2023-2027

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.
  - Bob Farr Memorial Library.
  - Shire Depot.
- Tree Planting Programs, to assist capture CO<sub>2</sub> 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 Reuse 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 PV's to all Shire Houses (2).
- Installation of Solar Panels on Railway Station Complex.

## CURRENT INITIATIVES

- Consider grants to develop a Tip Shop at the Narrogin Refuse & 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.
- Apply for grants to install an appropriate generator at the NRLC (Evac centre) 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 omissions where practical and economically efficient to do so.
- Consider Community Batteries Options.
- Consider harvesting Stormwater at Narrogin Regional Airport.

## FUTURE INITIATIVES

- Support local renewable energy initiatives and projects including:
  - Development of the Narrogin Future Industries Park.
  - Development of a large 300 MW Solar Farm for Narrogin.
  - Development of Neoen Australia Pty Ltd 300 MW 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.
- Investigate options to convert other suitable Shire owned facilities to renewable power.
- Investigate options to utilise renewable energy for heating the NRLC Aquatics.
- 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 facilitating or acquiring e-scooters and e-bikes for locating at the Caravan Park & Visitor Centre.
- Consider a review of verge treatments to allow only native gardens or vegetable gardens.
- Investigate options for Electric Charging Stations at the Shire Office, CBD and public locations such as the Railway Station.
- 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 unviably 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.