

Draft Vision - *The McLaren Vale Region is a vibrant place to live, work and visit, where:*

- Climate resilient water sources, managed in an integrated way, deliver affordable zero carbon water supply.
- Coastal ecosystems and land biodiversity are flourishing, supported by native vegetation, healthy waterways and no wastewater outflow to the sea.
- Rural character has been preserved and enhanced by green streets, parks and open spaces, which keep all suburbs cool and liveable.
- All businesses are part of a clean, green, diverse and circular economy, that is renowned for its wine, food and tourism.
- First Nations voice and wisdom is respected and helps to effectively manage land, water and coast.
- Collaboration and a culture of shared responsibility persists allowing technology and opportunities for innovation to be embraced.

Integrated Water Management

Safe, secure, resilient and integrated water supplies support a thriving and sustainable McLaren Vale Region

Goals:

- No wastewater outflow to the sea
- Integrated and holistic supply network that allows all water sources to be optimised and used in a fit-for-purpose manner
- A shared responsibility for water management persists

Options:

- Demand management – new technology, precision irrigation, crop selection, circular reuse of water
- Supply options – recycled wastewater, stormwater, desalinated water, River Murray excess in floods, groundwater
- Storage and distribution – aquifer recharge, dams, distributed on-farm storage, holistic network
- Renewable energy used to improve cost and availability of water

Rural character is retained

Planning and regulation ensures the retention of rural character, green open spaces and corridors are in place and the agricultural sector is diverse and thriving

Goals:

- New development and population growth enhances the rural character of the region
- Green spaces are an integral component of the region that provide cool and liveable streets
- Fertile land has been protected for agriculture
- The agricultural sector is diverse and thriving

Options:

- New housing favours density over sprawl, development is in harmony with the rural character of the region, incorporates WSUD and meets environmental standards
- Green areas are protected and enhanced
- Crops and industries diversify
- Increase in food production – region becomes a food bowl

Circular water use

Resources are used in a closed loop at all levels and scales – from water to housing to agriculture, and the concept of 'waste' no longer applies

Goals:

- The economy is circular, diversified and industries are sustainable, including closed loop water use through an integrated water network
- Water resource education and knowledge sharing has created behaviour change
- Excess housing runoff is reused locally for greening and habitat

Options:

- Industries diversify and emerge to take full advantage of available resources
- Research and pilot projects to demonstrate new industry opportunities/use of resources
- Energy and water microgrids at neighbourhood scale
- Precision irrigation/water used in a close loop

Healthy land and coastal ecosystems

Biodiversity is supported by the protection and enhancement of areas of native vegetation, and by incorporating Kurna Nation perspectives into land and water management

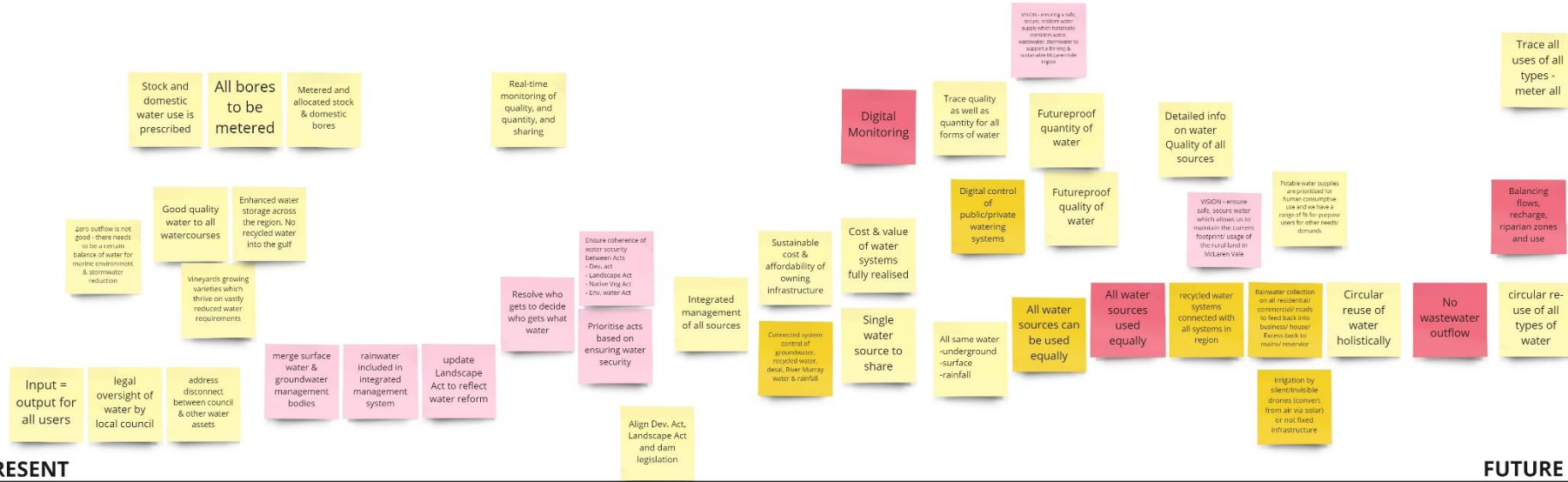
Goals:

- Networks of native vegetation corridors are increased and valued
- The region values and transitions to native water-wise gardens
- Flood and fire impacts are minimised
- Environmental flows support healthy water-dependent ecosystems
- Coastal ecosystems are protected and enhanced through no wastewater outflows to the Gulf

Options:

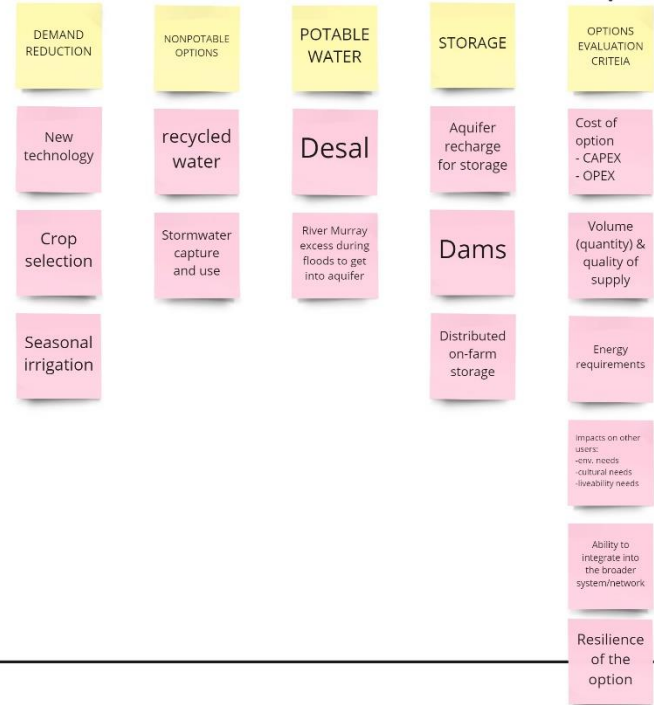
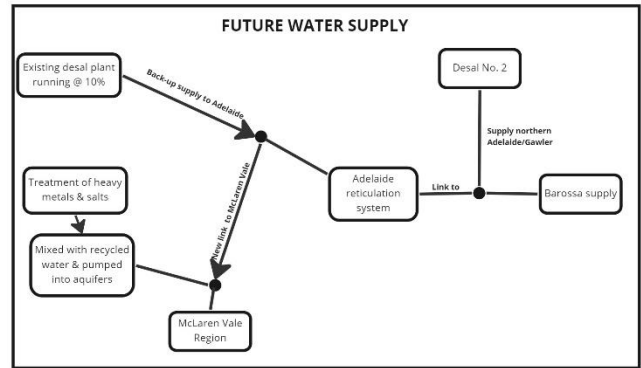
- Targets are set for native vegetation cover and networks
- Incorporate Kurna Nations' knowledge into land and water management – Caring for Country principles
- Increase environmental flows through watercourses
- Natural and built infrastructure to better manage floods
- Increase native vegetation cover and reduce introduced species, including in watercourses
- Reduce outflows of treated wastewater to the Gulf

ALL SOURCES INTEGRATED, NO OUTFLOW OF WASTEWATER, ALL USE MONITORED



PRESENT

FUTURE



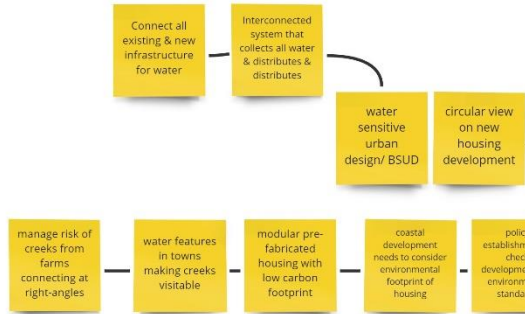
RETAIN RURAL CHARACTER / PLANNING & REGULATION TO MANAGE LAND USE

PRESENT

FUTURE

Collect data of visitors to McLaren Vale

Establish regional identity as McLaren Vale separate from Fleurieu



more flexible ways to utilise generation of energy & water

protection of greening areas

buildings designed for rural villages

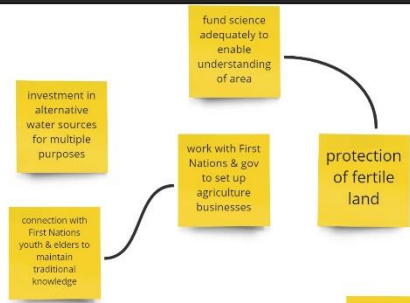
Retention of rural character of the region

review of state planning legislation to enable council to maintain rural character

Greater density housing, clustered communities that are liveable, green

More lifestyle people and fewer vines
High density - smart aspirational homes

New way of character living ie villages/towns in Italy/France



protection of fertile land

work with First Nations & gov to set up agriculture businesses

connection with First Nations youth & elders to maintain traditional knowledge

fund science adequately to enable understanding of area

investment in alternative water sources for multiple purposes

irrigator's rebate on cost of water for managing an environmental pollutant

Barossa & McLaren Vale Heritage Protection bill

Protection of rural areas

planning & regulation to manage land use

Denser but not further spread of urban areas. Services available locally

No urban sprawl

Urban sprawl dramatically reduced and all suburbs greened to reduce heat & water usage

Settlements denser, but green open spaces feel like it's increased

Population has grown, but it doesn't feel like it.

Region protected from land subdivision, heavy housing development

diversified economically competitive activities so value of land is not tied to only one thing

carbon credits established for maintenance of plantation

Pumped hydro & turkey nest dams on Willunga Hills - requires access to wholesale power prices



Diversity of crops

More diverse horticulture so sourcing most food locally

Diverse community working in diverse industries - all of them close by

Village townships retained with green borders. Increase in green corridors

Diversified agricultural systems. Integration of agro-forestry

Vineyards cease being monoculture

Regional food (wine/gapes/ horticulture) International destination People everywhere

redirect waste water that currently goes out to sea

farm to table approaches

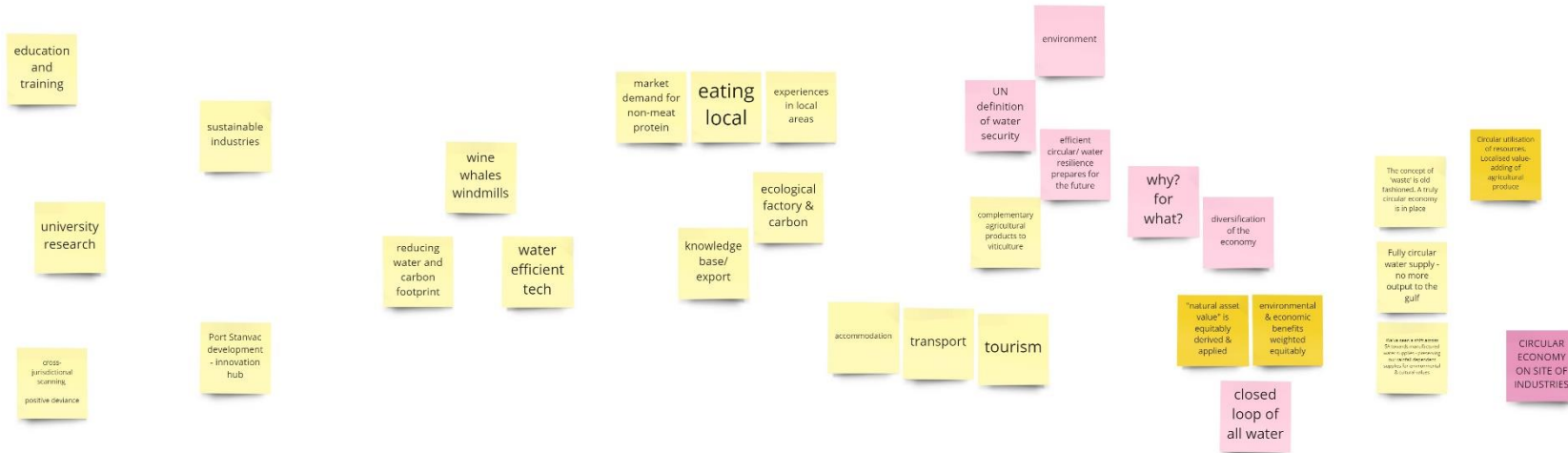
diversifying the demand of food through attracting new communities

McLaren Vale region becomes food bowl for state, nation & beyond

diversified thriving agriculture sector

Food production

CIRCULAR ECONOMY



PRESENT

FUTURE



NATIVE VEGETATION - FLOOD - FIRE MANAGEMENT

