

Figure 8: Change in annual mean precipitation for Murray Murrumbidgee - from the Office of Environment and Heritage

Whilst the planning system cannot remedy or mitigate all impacts, through development controls and education, Council can influence building and construction practices to minimise waste and create buildings which are adaptable to a changing climate. Furthermore, development controls that provide for trees and vegetation not only add aesthetic appeal but assist in cooling environments. Trees and open spaces are increasingly proving to be highly regarded for their amenity with street trees adding value to properties. Establishing tree canopy targets for our towns and villages will help mitigate evaporation, cool the surrounding environment and contribute economically as a tourism and population growth driver.

With less rainfall it is important that residents become resilient to water shock. Improving water provision to Nangus and Coolac as well as reducing potential contamination by the provision of sewer at Stockinbingal are measures that Council can undertake to assist in this regard.

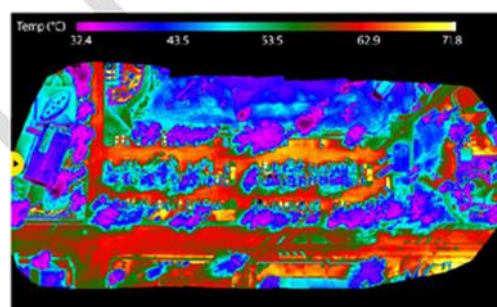


Figure 9: Infrared image showing the temperature of streets, buildings and parks - from the University of New South Wales

Whilst overall rainfall may be less there is increasing evidence that when it does rain it is likely to be in the form of major storm events and flooding. Council will need to undertake flood modelling and mapping for areas that are known to have flooded in the past to obtain a greater understanding of flood behaviour and potential risk. Ensuring damage from storm events are mitigated through upgraded stormwater networks, capture of rain, rainwater gardens, increased tree canopy, waterwise and drought tolerant plants to maintain cover should be considered.



Utilising treated wastewater on community and sporting fields is a waterwise method of maintaining amenity and urban cooling while minimising the need for reticulated water.

Actions:

- 5.1. Include climate controls in the development control plan for all development.
- 5.2. Develop controls for tree canopy within urban areas and include tree preservation controls in LEP.

5.3. Consider the climatic impact in Council reports as an environmental impact.

5.4. Develop a policy for residents to convert their verges to garden beds for storm water filtration, drought tolerant planting and/or water wise plantings.

5.5. Undertake flood modelling and mapping for additional areas within the LGA known to have been impacted by past flood events.



Figure 10: Council's fenced dog park in Cootamundra is a prime site for treated waste water to be irrigated and tree plantings for increased tree canopy, cooling and evaporation mitigation.



6. Opportunities to be a leader in waste reduction, resource recovery and contaminated land management

Rationale

Building materials account for about half of all solid waste worldwide.³ Building and construction waste contributes significantly to CGRC's landfills, particularly waste such as asbestos sheets which cannot be recycled. Reducing this starts at the initial building and design phase, for example examining and designing room sizes to take account of standard cladding and lining material sizes will reduce off cuts, waste, time and ultimately costs. Longevity of building materials and adaptability of buildings is also important to be considered at the initial concept and design stage.

Along with the building industry and government, Councils play an important role in encouraging change in building form, construction and function. Taking account of whole of life costs, including maintenance and demolition, and encouraging sustainable building practices can make significant differences to not only the built form of an area but also assist in managing landfill consumption rates.

Sorting construction material for potential reuse is another method of reducing waste with reuse possible for crushed concrete and bricks in pavement sub-base as well as resale of reclaimed timber, fittings and fixtures. Allowing for, and encouraging, resource recovery and recycling facilities to have the ability to retail direct from site, specific to the building industry, in existing light industrial areas is something to be examined in the development of Council's LEP.

Similarly, the examination of the land use controls around the operation of Council's waste management facilities to allow for resale of deposited material is to be undertaken during the development of the LEP.

Land contamination occurs due to an activity having taken place on the land which has impacted or changed the soil or environment so that certain activities would not be safe to be undertaken on that site unless remediated. As we learn from experience, contaminating land uses are more tightly controlled than they once were. There is still a legacy of contaminated site however, particularly in regional areas where it is often not economically viable to remediate a site. Without impetus for remediation, such sites are left to deteriorate or remain undeveloped. This contributes to waste due to urban sprawl and the extension of infrastructure. A consolidated register of contaminated sites which records the history of previous land use, contamination level, remediation required, and possible future appropriate land uses is to be developed to assist in consolidating land uses and reducing the need for additional serviced land.



Figure 11: Council uses technology to better track the waste service. With development, this software could help reuse of building materials and reduce contamination.

³ Australian Government Department of the Environment and Energy "Construction and demolition waste guide – recycling and re-use across the supply chain"

Actions:

- 6.1. Develop building waste controls for inclusion in Council's Development Control Plan.
- 6.2. Review controls around permissibility of resource recovery, recycling and resale in certain existing industrial zones.
- 6.3. Create a consolidated contaminated land register.
- 6.4. Examine and review permissibility of resale facility at Council's existing waste management facilities.
- 6.5. Develop a housing design policy to encourage and facilitate sustainable and adaptable building construction and design.
- 6.6. Develop controls around the reuse of second-hand building materials in Council's Development Control Plan.
- 6.7. Partner with local land holders and EPA where possible to remediate sites within commercial and residential areas.



Figure 12: Contamination reduces the viability of waste recovery. Investment in community education and use of technology to sort waste are ways to mitigate this, however both are capital intensive.

Productivity

Productivity is all about getting the most for the least effort. It is being industrious by making efficient use of labour, materials, money, land, information and energy to produce a service or good which provides a margin of profit.

CGRC has an abundance of natural resources which if carefully harnessed could provide an abundance of employment and opportunities for self-sustainment.

Planning Priorities:



7. Opportunities to grow agricultural industries

Rationale

While agriculture, forestry and fishing are the largest industry group in CGRC, it is manufacturing which has the greatest financial output. Considering the majority of our land and labour force is devoted to agriculture, it is extraordinary that manufacturing has the greatest output and while there are some manufacturing industries which are value adding to agricultural products, there is additional scope for growth in this sector.

The changing climate offers an opportunity to diversify with alternate crops which currently have a limited market due to transport constraints and lack of manufacturers due to a lack of scale in Australia. The opportunity

exists to create manufacturing and value add industries for crops which are not widespread in Australia but could cater to domestic and/or foreign needs.

Growth of agricultural industries is supported strongly in the CGRC Rural Lands Strategy. In order to support the opportunities to grow agricultural industries it is essential that the Rural Lands Strategy be implemented, and that further attention is given to the development of the industry with all required support to link transport and other infrastructure.

Actions:

- 7.1. Implement the [CGRC Rural Lands Strategy](#) in full.



Figure 13: Our longstanding stockyards face an uncertain future, however there has been significant investment and infrastructure put in place over many years already in place, Council could examine alternate and complimentary uses for these sites which could support the growth of agricultural industries locally?

8. Opportunities to foster agritourism

Rationale

Agritourism is an industry Council seeks to encourage not only because of the positive economic impacts of such development, but also because it provides an alternate source of income which improves the financial resilience of holdings and the community in challenging conditions.

Agritourism is a growing industry in Australia with visitor numbers to rural areas increasing by roughly 9% per annum and generating \$9.4 billion a year (see Agricultural Tourism Issues Paper).

Agritourism can be problematic however with the accumulative impacts of standalone enterprises and the ability for holdings to be diversified to cater to the growing agritourism market need to be supported in a manner

which promotes innovation but safeguards the primacy of agricultural production in rural areas.

Growth of the CGRC agritourism sector is supported strongly in the CGRC Rural Lands Strategy. In order to support the opportunities to foster agritourism it is essential that the Rural Lands Strategy be implemented, and that further attention is given to the development of the industry with all required support to link transport and other infrastructure.

Actions:

- 8.1. Implement the CGRC Rural Lands Strategy in full.
- 8.2. Implement the CGRC economic development strategy.
- 8.3. Develop a CGRC agritourism strategy.



Figure 14: Opportunities to diversify farm income include hosting events, however farm tours, fruit picking and other experiences can be just as viable



9. Opportunities to support the freight network

Rationale

CGRC has two towns and two villages which are located on key transport and freight corridors.

Cootamundra:

Cootamundra is uniquely located on the Sydney-Melbourne Railway Line, with the Lake Cargelligo Railway Line branching from Cootamundra and framing the northern fringes of the town. The Inland Rail which will connect Brisbane and Melbourne will run through Stockinbingal – approximately 20 kilometres from Cootamundra. The rail corridor of the Lake Cargelligo Railway Line between Cootamundra and Stockinbingal offers opportunities amongst relatively flat, undeveloped land which could facilitate the development of an inland port serving to transfer rail freight between the Inland Rail and the Sydney-Melbourne Line. Additionally, an inland port in Cootamundra could serve as a sorting facility for imports to Australia with space becoming an ever-increasing pressure in Sydney, Port Kembla and Newcastle. Containers could indiscriminately be loaded straight from ships to rail and taken to Cootamundra to be sorted and redirected onto the Sydney-Melbourne Line, Inland Rail or road. The Olympic Highway runs through Cootamundra and connection to the Hume Highway (30 minutes), Sturt Highway (1 hour) and the Newell Highway (1.5 hours) are nearby. Cootamundra offers a low capital investment site with the existing rail infrastructure and undeveloped land by either utilising the former Tumut Branch Line or land to the north-west along the Lake Cargelligo Railway Line.

Cootamundra has a number of advantages over other potential sites such as Parkes which is constrained by a significant number of low clearance constraints along the existing route from Sydney and Narromine lacks the rapid

connection from Sydney afforded to Cootamundra.

In order for an inland port in Cootamundra to become a reality the concept needs to be represented consistently by Council to State and Federal agencies, logistic operators and other stakeholders. Investment in an inland port in Cootamundra supports regional development, places strategic logistic assets inland and reduces congestion of the rail network which in turn promotes the use of rail over road transport.

Cootamundra's strategic location on the major railway and road transport that offer opportunities for inland port facilities also make it an ideal position for examining the increased utilisation for air transport. This strategic location was recognised during WWII with the establishment of an aviation fuel depot. The importance of air transport was also recognised with the establishment of the No 1 Air Observers' School, the first of two in Australia that trained pilots, gunners and navigators.

Today the Cootamundra airport is used extensively ground based recreational activities as well as aviation pursuits and businesses. The relatively flat, undeveloped land surrounding Cootamundra together with existing and planned road and rail infrastructure provide excellent opportunities for the transport of goods, people and produce by air direct from Cootamundra.

Gundagai:

Gundagai is optimally positioned to take advantage of major connecting highways. Being located on the Hume Highway and having easy access to the Snowy Mountains and Sturt Highways, the expansion of road transport support industries to service this market offers good development opportunities for Gundagai.

South Gundagai offers an opportunity to connect to the Hume Highway's freight network, particularly the timber transport industry via Gocup Road connecting to the Visy paper mill. The South Gundagai precinct, which is currently zoned B4 Mixed Use, offers flexible use options as well as being an open zone. There is the opportunity to examine other support in appropriate locations through the completion of a strategy for Gundagai. Further opportunities to support freight are currently under development and investigation at Coolac through rezonings and infrastructure provision as identified in the Villages and Rural Lands Studies.

Stockinbingal:

The proposed Inland Rail is a freight route which will connect regional areas to the ports of Brisbane and Melbourne. For the Cootamundra-Gundagai Regional Council area this means that primary producers and value add industries will have rail access to the ports of Brisbane, Sydney and Melbourne.

Stockinbingal has the capacity to establish an intermodal facility which could service the proposed Inland Rail, Lake Cargelligo Branch line (connecting to Griffith via Temora – Roto Line) and Burley Griffin Way. The existing grain depots at Stockinbingal could be further enhanced with opportunities for access to two more ports to be available through the proposed Inland Rail.



Figure 15: Potential industrial zoning to support Inland Rail at Stockinbingal

Coolac:

The land surrounding the Coolac and Muttama Road intersection is a highly trafficked area affording the most opportunity for highway service industries.

Noting that some service industries such as service stations, mechanics and pubs can be incompatible with residential precincts, careful consideration is required to ensure that the potential for land use conflict is minimised.

Actions:

- 9.1. Implement the Cootamundra 2050 Strategy's focus area of "Inland Port"
- 9.2. Apply initiatives from the CGRC Villages Strategy 2018 which target industrial and freight development.
- 9.3. Develop a masterplan for Coolac which targets highway freight and interchange facilities.
- 9.4. Undertake enabling works to improve storm water drainage across Coolac.
- 9.5. Develop a strategy to develop Stockinbingal as a rail and road interchange.

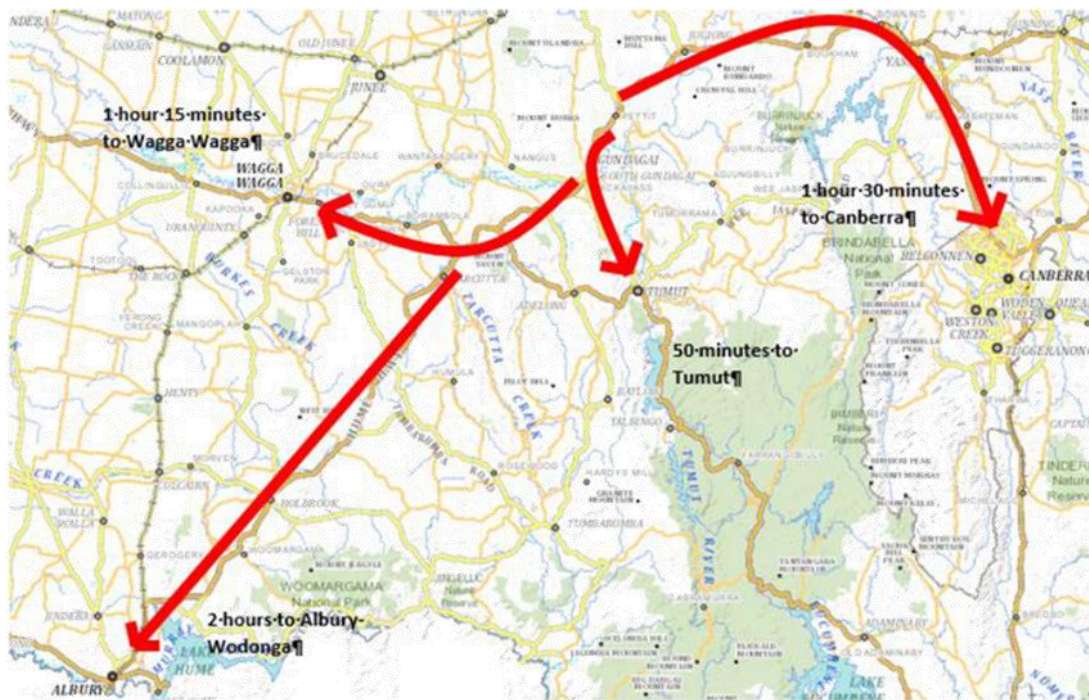


Figure 16: Increased road usage means that commuters and freight drivers are looking for an all-purpose rest and amenity locations – the above figure demonstrates the viability through travel times of Coolac as a service centre to freight.

Technology

The application of scientific knowledge for a practical purpose is known simply as “technology”. The rate of technological advancement is unprecedented with everyday activities being revolutionised with smart appliances, electric vehicles, social media and so on.

Achieving prosperity in the future is entwined with the allowing technology to grow and thrive in a place it was not before. Enabling the

environment through planning to facilitate assets and infrastructure which did not once exist is imperative.

People are key drivers for technology. Council needs to be a leader in this through a commitment to hire and train locals and upgrade and invest in new technologies in order to foster an industry and availability of skills and technology in our community.

Planning Priorities:



10. Opportunities for future technologies

Rationale

The ability to predict future technology and assets is akin to writing science fiction. Anything is possible with the only limit being imagination, Wi-Fi and three phase power. Planning for the unknown is generally referred to as a “wicked problem”, with agreement that planning for uncertainty, coincidence and unexpected circumstance or opportunity is best dealt with by strengthening the flexibility of legislative instruments and improving communication with a condensed feedback loop.

Access to infrastructure with additional capacity is essential as it is unknown what requirements the next innovation will have as the way we build and operate will have to adapt to new climatic conditions, technological requirements and access to capital.

Greater community participation in strategic planning is easier with technology such as [ePlanning](#), [CitySwipe](#), etc. Dedicated communication via social media will be required, with less and less reliance on newspaper advertising and traditional mail outs.

By having open zones and a flexible DCP, CGRC will better position itself to allow for new innovations and opportunities without any delays through the need to amend the LEP or DCP.



Figure 17: Aerial drone delivery will require access to a parcel receptacle. In a residential context this could be a simple addition to the existing mailbox, however when dealing in the commercial and industrial space this could require careful planning to avoid land use conflicts.

Actions:

- 10.1 Identify sites for future electric vehicle fast charging points.
- 10.2 Review its community participation plan to include communication via social media and email as additional notification options.
- 10.3 Consider additions and alterations such as aerial delivery points be considered as exempt development.
- 10.4 Explore the possibility and risk involved in allowing off grid electricity storage via batteries as exempt development.

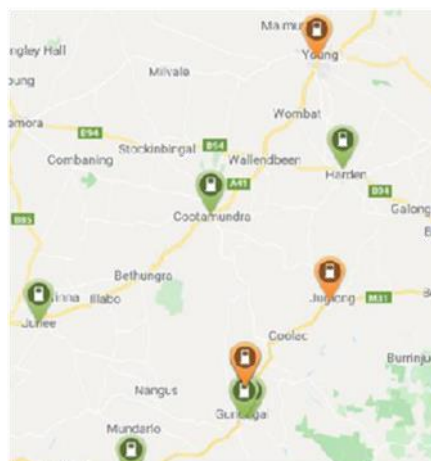


Figure 18: Electric vehicle charging points in the region as at 20/12/19. Orange denotes a fast charger.

11. Opportunities to be the centre of medical excellence

Rationale

If all things remain the same, Cootamundra is likely to enter into severe population decline with a third of the population being over 65 and the increasing decline of all other age groups in the community (the over 65 aged group has grown from 989 people – 18% in 2001 to 1728 people – 30.5% in 2016). Growing the population is going to be tough, which in turn means less people to justify and pay for services and infrastructure.

National data trends emphasis an ageing population as a given, but Cootamundra faces this on an unprecedented scale (no other town in the Riverina beats Cootamundra's percentage of over 65-year olds). This challenge could be the potential spark to create an opportunity for growth and development of a medical industry focused on training frontline medical staff such as nurses, pathologists, medical administrators, care assistants and so on. This would complement the Rural Medical School to be located in Wagga Wagga which will facilitate doctor training from initial education to training and accreditation.

Education and Training:

Creating a hub for education and training of frontline medical staff will not only benefit Cootamundra by providing pathways for education and employment for youth and career changers, it will also help to address national and regional shortages in specialised medical staff. If Council, the Murrumbidgee Local Health District and education providers such as TAFE work together to provide a complete package such as residential schools for nursing and intensive summer courses for pathology collection, enrolled nursing, nutrition, allied health practice management, indigenous health, pharmacy support and so on Cootamundra could become a destination

education hub easily accessible from Sydney and Melbourne via the train.

Assisted Ageing:

Leveraging off improved educational opportunities, further investment and partnership with research entities could position Cootamundra as a community which specialises in ageing with dignity. A combination of technology with aged care facilities to provide greater autonomy to residents and fully integrated neighbourhood which present no physical barriers to movement devices such as electric scooters, walking frames and the like would be the aspiration. Sufficient neighbourhood amenities such as ambulant toilets, adult change facilities, a hydrotherapy pool and quality meeting places would also assist in delaying rapid degeneration from social isolation.

In order to achieve this vision, Cootamundra needs to be developed in a manner which has physical connections across the community to allow for people of all abilities to access services. Consideration of the Heart Foundation's "Healthy by Design" principles need to be applied with better signage, lighting, shelter and fencing (including fencing of playgrounds) instigated in conjunction with creating more walkable and active neighbourhoods.

Encouragement and training of local businesses to become dementia friendly as well as retrofitting neighbourhoods with dementia markers which allow people's subconscious to instinctively orientate where they are, allowing people to maintain a level of independence for longer. This can be as simple as planting certain trees along certain road corridors, colour coding street signs, placing distance markers in the pavement and installing public art.

Opportunities for people to connect to animals is particularly important for the aged, however their circumstances may not necessarily allow for them to keep a companion animal. Not only should seating facilities be developed in the dog park on Hurley Street for dog owners, but attention of people coming to watch the dogs should be considered also. Developing an animal space in Jubilee Park like many regional towns is another opportunity which could be explored and complements the goal of cultural hub.

Housing:

Consideration of the residential chapter of the Development Control Plan needs to include adaptive building design which does not necessarily designate a development as being specifically for less able people or aged people but rather should achieve benchmarks which would allow for ageing in place to occur. To encourage this, explorations of incentives such as reduced 7.12 contributions could be considered.

Consideration of door frame widths, ramps, floating sinks and level showers do not just cater for those who are confined to a wheelchair. Using a pram, sustaining a sporting injury and so on, can easily turn the average home into a complex obstacle course to navigate in and out of.

Mum and dad developers as well as professional developers need to be sold on the additional benefits of considering flexible design. Aside from the financial gain of having a greater audience in which to sell a property, the reality of considering these design elements during the initial concept stage means that the build is not made more expensive by these considerations.

Actions:

- 11.1. implement the Cootamundra 2050 Strategy's focus area of "Centre of Medical Excellence."



Figure 19: Cootamundra has a long history of medical training, with the former District Hospital a renowned educational hospital

12. Opportunities for micro-manufacturing

Rationale

Micro manufacturing does not refer to the manufacture and production of tiny products – although that can be a by-product. Micro manufacturing is the inevitability that some products which were once produced in large factories or through assembly lines will be able to be produced with a machine the size of an office photocopier.

In the future, there will still be large factories to manufacture items in mass production such as phones, cars and so on, however there is an almost certainty that micro manufacturing will become more prevalent and cater for hard to find replacement parts or bespoke technology solutions. The push to manufacture locally and mitigate intellectual property theft will increasingly make micro manufacturing more and more viable and desirable as a local option.

12.4. .

Actions:

- 12.1. Review the controls within its LEP to allow certain micro manufacturing and associated buildings to be permissible in commercial zones as well as industrial and mixed-use zones.
- 12.2. Allow micro manufacturing which does not involve the use of dedicated buildings and/or spaces and which does not produce offensive noise, odour or sound as a permissible use in the residential area as a home business.
- 12.3. Allow production facilities contained in modified shipping containers such as horticulture be permissible in industrial and mixed-use zones and as ancillary in commercial zones – for example microgreens for a restaurant.

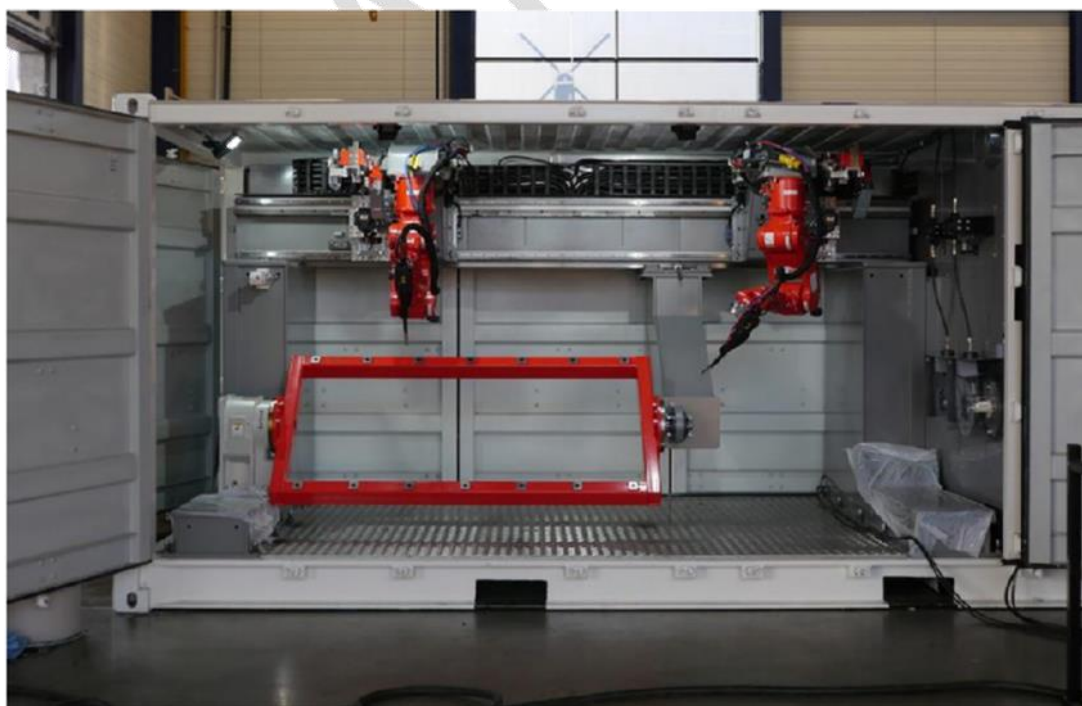


Figure 20: This additive manufacturing "toolbox" provides a portable manufacturing solution to site specific construction and design issues



Infrastructure and Planning

Infrastructure and planning as a theme explores the physical elements of service provision and land use which Council manages on behalf of the community. It is often the

most visible of Council's services with roads and buildings looming large physically in people's everyday lives.

Planning Priorities:



13. Opportunities to promote active living

Rationale

Active Living NSW was established in April 2017 as a partnership between NSW Ministry of Health and the National Heart Foundation - NSW Division to support the physical activity and healthy built environment deliverables of the [NSW Healthy Eating and Active Living Strategy](#). It continues key pieces of work previously undertaken by the NSW Premier's Council for Active Living (PCAL) to promote active living through influencing the physical and social environments in which communities live.

There is growing evidence that demonstrates that the way our built environment is designed and managed has an impact on physical activity. Cities, towns and neighbourhoods that are designed to encourage physical activity can have a significant, positive impact on the health of the community.

"Characteristics of the built environment influence physical activity... In particular, the built environment can shape travel behaviour, including the quantity of walking, cycling, public transport and car travel, as well as the amount of leisure time that is available for other healthy pursuits. The built environment can also facilitate opportunities for recreational physical activity, by providing well maintained and useful open spaces, in addition to safe and amenable streets for non-utilitarian walking and cycling." ([NSW Healthy Built Environments Program Literature Review](#), 2011, p45).

There is significant opportunity in NSW at both a State and local level to promote healthy built environments that support physical activity, healthy eating and social inclusion.

"The built environment where we live, work and play has a key role in supporting our physical and mental health. Our cities and

towns must be places where it is easy for us to be active every day, as well as where we can easily access fresh and nutritious food - whether it be in local shops or from nearby farms or community gardens." (Associate Professor Susan Thompson, Professor of Planning; Head of City Wellbeing Program, UNSW; Associate Director, City Futures Research Centre, UNSW).

Actions:

- 13.1. Develop with RMS an active transport strategy which will examine how best to promote and increase cycling and walking within the LGA.
- 13.2. Implement the Cootamundra 2050 strategy with regards to establishing community garden spaces and promoting healthy living.
- 13.3. Implement the Cootamundra 2050 Strategy's focus area of "Centre of Medical Excellence".



14. Opportunities to create a flexible planning system

Rationale

Striking the balance between a rigid and “flexible” planning scheme is worth considering in great detail, as planning fundamentally stands to mitigate ill effects for humans living and working in close proximity seen in the environmental health and building space. Being open to opportunities does not mean letting development proceed because someone is “giving it a go” and yet will cause significant public harm, however not being able to comply with every clause in a DCP does not mean that a development should be refused or held up for months.

The greatest focus in many Council planning departments and the NSW Government is on residential development, however in regional areas focusing on residential areas draws attention away from the drivers for residential growth being employment and access to services and community infrastructure.

Cootamundra is currently on track to experience a substantial population decline with a significantly aged population. Opportunities for employment, cultural and social infrastructure will encourage families and young people to stay, others to return and even more to consider a tree change to the town.⁴ Cootamundra already has amenity and prestige compared to neighbouring towns such as Junee and Young which house large regional employers. The ability to offer part time, casual, flexible work opportunities in Cootamundra will mean that it becomes the natural choice for families with the primary caregiver able to tailor their employment around school and social commitments. To assist this, commercial development restrictions such as minimum parking requirements and hours of operation need to be considered holistically and not as a case by case benchmark.

Development in the towns, villages and rural lands of CGRC need to be guided by development controls and not restricted by them. Development should be encouraged in all instances except those which will cause harm or impact others unfairly or disproportionately.

Changing climatic conditions mean that stronger controls need to be in place to maximise passive solar heating and cooling of buildings to reduce energy consumption and water usage.

Actions:

- 14.1. Create new LEP and DCP documents which combine the former Cootamundra and Gundagai Shires as CGRC to provide certainty and clarity for developers moving forward.
- 14.2. Apply more mixed-use zoning in town and village areas
- 14.3. Review residential land requirements through a residential land monitor.
- 14.4. Improve car parking across Cootamundra and Gundagai with elimination of rear to curb parking and centralised large council car parks, with capacity to be developed with decks in the future.



Figure 21: With increasing concern about solar farms utilising prime agricultural sites, opportunities exist to establish solar farms (an industrial activity) in partnership with car parking.

⁴ [Cootamundra 2050 Strategy](#)

15. Opportunities to provide access to quality water and sewer infrastructure

Rationale

CGRC manages two water networks and two sewer networks, with an additional sewer network proposed in the short to medium term.

Water

Council collects, treats and services Gundagai with water from the Murrumbidgee River. Provision of water to the tourism focused Five Mile on the Hume Highway and eventually Coolac would be as an extension to the Gundagai water network. The extension of this network would enable the land zoned for development to be adequately serviced to provide additional housing and support opportunities to the local community. Council needs to develop a developer servicing plan to plan for future requirements of the network and to levy development in accordance with [section 64 of the Local Government Act 1993](#).

The Cootamundra water network is owned, maintained and managed by Council, with water bought in bulk from Goldenfields Water County Council (GWCC) and stored in reservoirs around town. Sourced again from the Murrumbidgee River, the source of water itself is generally viewed as reliable, however the need to pipe to the water a significant distance means that the provision of water to Cootamundra is vulnerable to infrastructure breakdown and natural disaster more so than the Gundagai network. Additionally, Cootamundra's reservoirs store only two days of water, which requires a mitigation strategy in case of lack of supply. In order to realise the full development potential as outlined in the

strategic planning documents, Council will need to develop a contributions plan for water infrastructure in the Cootamundra area.

The villages of Stockinbingal and Wallendbeen are serviced by GWCC, with the village of Nangus expected to be connected to the GWCC network via Oura in the near future.

Sewer

Council manages, treats and maintains the wastewater treatment facilities in both Cootamundra and Gundagai. The treatment plant in Gundagai poses a significant environmental risk in the event of a flood event and is being upgraded. Both sewer networks offer an ability to reuse treated wastewater.

Council seeks to service the village of Stockinbingal with sewer due to the high-water table, small lots and flood risk. None of these are new issues, however the construction of the inland rail between Stockinbingal and Illabo, offers a significant opportunity for growth in the village with employment opportunities. Industrial and commercial development as well as additional residential development will contribute significantly to the environmental risk already posed at Stockinbingal and so a sewer network has become necessary.

Actions:

- 15.1. Create a contributions plan for water and sewer to ensure that zoned land is able to be adequately serviced.

Implementation, Monitoring and Reporting

Implementation

The LSPS sets the long-term land use strategy for CGRC LGA over the next 20 years. To achieve the vision of “opportunities through choice”, amendments need to be made to other Council plans which operate as Council’s delivery mechanism for planning. These plans will draw from the actions as outlined in this document and Council’s previous strategic planning documents including the rural lands strategy, the village strategy and Cootamundra 2050 strategy. These plans and their functions are described below:

- Local Environmental Plan (LEP)

LEPs are the principal statutory document which establishes the planning controls for an LGA. Through zoning, development standards and other local provisions the LEP provides the legal framework to ensure development is appropriate and reflects the communities vision for land use in the LGA.

- Development Control Plan (DCP)

Are non-statutory plans that provide detailed planning and design guidelines, and development controls to support the LEP.

- Contributions Plan

Division 6 of Part 4 of the *Environmental Planning and Assessment Act 1979* gives Council the power to collect contributions from developers toward public infrastructure required as a consequence of their development.

- Development Servicing Plan

CGRC looks after sewer, stormwater and water assets across the LGA (in partnership with Goldenfields Water County Council in some areas). In accordance with the Local Government Act 1993, Council is obligated to provide connection for new development to these services, however there is an onus on new development to pay a proportional fee related to their impact and the upgrade nexus caused by their development. This fee is generally referred to as a headworks charge.

LEP amendments

Proposed developments which align to the strategic planning direction in the LSPS may require changes to development controls or land use zoning to occur before a development application can be submitted. In this case, an amendment to the LEP would be required.

Amendments to the LEP are subject to planning proposals in accordance with section 3.4 of the *EP&A Act 1979*. Planning proposals to amend the LEP may either be prepared by Council or by applicants. Alignment to the strategic direction within the LSPS will be a significant consideration when determining whether an LEP amendment will proceed.

More information on amendments to the LEP can be found in DPE’s *A Guide to Preparing Planning Proposals*.

Monitoring and review

Council will monitor, review and report on its Local Strategic Planning Statement to ensure that its planning priorities are being achieved. Council will use the existing Integrated Planning and Reporting (IP&R) framework under the *Local Government Act 1993* for the purpose of monitoring implementation of the LSPS.

Council will commence its first full review of the LSPS in 2022 and again every four years to align the review period with Council's overarching community strategic planning and IP&R under the LG Act.

Regular reviews will ensure that the LSPS reflects the vision the community has for future of CGRC and is aligned to the latest trends and information available about the environment and the community's social and economic needs.

Funding and investment

The LSPS will play an important role in Council's resourcing strategy, with preparation of strategies and studies required by this plan funded in the 4-year delivery program and annual operational plans.

Existing governance arrangement and partnerships

CGRC forms the north eastern boundary of the Riverina-Murray Region. Neighbouring Councils of Temora, Junee, Snowy Valleys and Wagga Wagga are a part of the Riverina-Murray Regional Plan, however Wagga Wagga is not a member of the same joint organisation. Instead they are an associate member of the Canberra Region Joint Organisation (CRJO) and Snowy Valleys is a full member of the CRJO. CGRC, Temora and Junee are members of Riverina Eastern Regional Organisation of Councils (REROC). To the north-east, CGRC is bordered by Hilltops and Yass Valley who are a part of the South East Tablelands Regional Plan and members of the CRJO. This complicates CGRC's ability to execute supporting initiatives beyond its borders and to be actively promoted within the region as larger centres such as Wagga Wagga, Young and Canberra monopolise policymakers' time.

Much like the Riverina-Murray Regional Plan failed to deliver any meaningful directions or vision for CGRC, the reality of development in CGRC is that it is very much on its own. Being overlooked and still commanding access to major transport routes offers opportunity for CGRC to innovate outside of the boundaries of Regional Plans or Joint Organisations. The LSPS is a declaration of CGRC's vision and independence and offers the terms in which other Councils who wish to work with us may view. Council will continue to work hard to establish effective partnerships with State government agencies and other organisations to support the realisation of the plan.

Implementation of Liveability

Measures



Opportunities for a variety of housing options

CSP:

- 2.2. Strategic land-use planning is co-ordinated and needs based.
- 3.2. Our built environment supports and enhance liveability.

Riverina-Murray Regional Plan 2036:

- 21. Align and protect utility infrastructure investment
- 22. Promote the growth of regional cities and local centres
- 23. Build resilience in towns and villages
- 25. Build housing capacity to meet demand
- 26. Provide greater housing choice
- 27. Manage rural residential development
- 28. Deliver healthy built environments and improved urban design

Actions:

By December 2020 Council will:

- 1.1. Undertake a Gundagai 2050 strategy to guide the future of the Gundagai Township.

By December 2022 Council will:

- 1.2. produce a land monitor every five years to ensure that there is an availability of different housing types across the community.
- 1.3. implement a zero minimum lot size for the R3-Medium Density Residential Zone to encourage good design outcomes and maximise utilisation of space.
- 1.4. review Section 7.11, 7.12 and Section 64 contributions plans to ensure that developers pay for the provision of infrastructure and facilities as appropriate.
- 1.5. develop a chapter relevant to each village in the Development Control Plan.
- 1.6. review and update the residential chapter/s of the DCP every two years to incorporate best practice and respond to local conditions.

Opportunities to celebrate and protect our heritage

CSP:

- 1.2. Public spaces provide for a diversity of activity and strengthen our social connections
- 2.3. Tourism opportunities are actively promoted
- 3.1. The natural environment is valued and protected.

Riverina-Murray Regional Plan 2036:

- 4. Promote business activities in industrial and commercial areas
- 7. Promote tourism opportunities
- 8. Enhance the economic self-determination of Aboriginal communities
- 22. Promote the growth of regional cities and local centres
- 29. Protect the region's Aboriginal and historic heritage

Actions:

By December 2023 Council will:

- 2.1. undertake an Aboriginal Heritage and Cultural Places Study.
- 2.2. create a series of recommendations for heritage walking trails across the local government area.
- 2.3. review current local heritage items.
- 2.4. support the adaptive reuse of heritage items for commercial and community purposes.

By December 2025 council will:

- 2.5. support natural heritage themes of the Murrumbidgee River and Cootamundra Wattle.
- 2.6. develop a series of precinct master plans to foster place making that recognise the unique character of heritage areas.

Opportunities to express yourself and enjoy arts and culture

CSP:

- 1.1. Our community is inclusive and connected
- 1.2. Public spaces provide for a diversity of activity and strengthen our social connections
- 2.1. The local economy is strong and diverse
- 2.3. Tourism opportunities are actively promoted

Riverina-Murray Regional Plan 2036:

- 4. Promote business activities in industrial and commercial areas
- 6. Promote the expansion of education and training opportunities
- 7. Promote tourism opportunities
- 22. Promote the growth of regional cities and local centres
- 23. Build resilience in towns and villages
- 28. Deliver healthy built environments and improved urban design

Actions:

By December 2021 Council will:

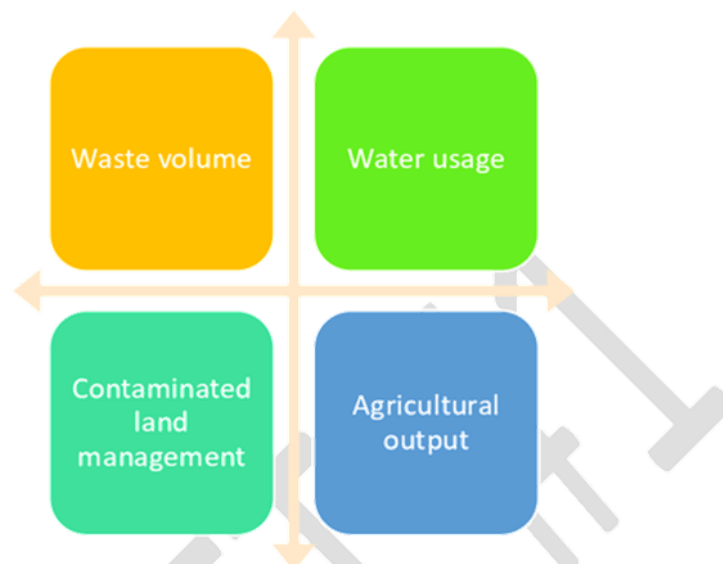
- 3.1. develop exempt provisions to allow for art to be expressed and installed without needing to seek development consent.

By December 2025 Council will:

- 3.2. develop a strategy of using feature street art, colour, vegetation and visual keys as way finding cues to assist active community participation of aged residents for as long as possible.
- 3.3. investigate the feasibility of establishing and promoting a night-time arts and culture tourism economy through development controls and policies that facilitate multi use spaces.
- 3.4. Council will undertake a placemaking strategy to guide land use, events and activities in identified precincts.

Implementation of Sustainability

Measures



Opportunities to protect and enhance agricultural land

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 3.1. The natural environment is valued and protected

Riverina-Murray Regional Plan 2036:

- 1. Protect the region's diverse and productive agricultural land
- 2. Promote and grow the agribusiness sector
- 14. Manage land uses along key river corridors
- 15. Protect and manage the region's many environmental assets

Actions:

By December 2021 Council will:

- 4.1. achieve consistency between the minimum lot sizes and permissible uses for agricultural land across the LGA.
- 4.2. allow dual occupancies as an alternate to farm fragmentation.
- 4.3. introduce setbacks from intensive agriculture development to reduce land use conflict.
- 4.4. develop a Forestry zone, including appropriate bushfire management measures, as per the rural lands strategy.
- 4.5. develop specific controls for solar farms and permissibility of landfills.

By December 2025 Council will:

- 4.6. support the development of an agribusiness centre at Coolac.

Opportunities to adapt to the changing climate

CSP:

- 3.1. The natural environment is valued and protected
- 3.2. Our built environments support and enhance liveability
- 4.1. Decision-making is based on collaborative, transparent and accountable leadership
- 4.3. CGRC is a premier local government Council

Riverina-Murray Regional Plan 2036:

- 10. Sustainably manage water resources for economic opportunities
- 13. Manage and conserve water resources for the environment
- 15. Protect and manage the region's many environmental assets
- 16. Increase resilience to natural hazards and climate change
- 23. Build resilience in towns and villages

Actions:

By December 2021 Council will:

- 5.6. include climate controls in the development control plan for all development.
- 5.7. develop controls for tree canopy within urban areas and include tree preservation controls in LEP.
- 5.8. consider the climatic impact in Council reports as an environmental impact.

By December 2024 Council will:

- 5.9. develop a policy for residents to convert their verges to garden beds for storm water filtration, drought tolerant planting and/or water wise plantings.
- 5.10. undertake flood modelling and mapping for additional areas within the LGA known to have been impacted by past flood events.



Cootamundra has an inundation problem – these photos are from 2007-2017



Opportunities to be a leader in waste reduction resource recovery and contaminated land management

CSP:

- 3.1. The natural environment is valued and protected
- 3.2. Our built environments support and enhance liveability
- 4.1. Decision-making is based on collaborative, transparent and accountable leadership
- 4.3. CGRC is a premier local government Council

Riverina-Murray Regional Plan 2036:

- 11. Sustainably manage water resources for economic opportunities
- 13. Manage and conserve water resources for the environment
- 15. Protect and manage the region's many environmental assets
- 16. Increase resilience to natural hazards and climate change
- 23. Build resilience in towns and villages

Actions:

By December 2021 Council will:

- 6.1. develop building waste controls for inclusion in Council's Development Control Plan.
- 6.2. review controls around permissibility of resource recovery, recycling and resale in certain existing industrial zones.
- 6.3. create a consolidated contaminated land register.
- 6.4. examine and review permissibility of resale facility at Council's existing waste management facilities.

By December 2025 Council will:

- 6.5. develop a housing design policy to encourage and facilitate sustainable and adaptable building construction and design.
- 6.6. develop controls around the reuse of second-hand building materials in Council's Development Control Plan.
- 6.7. partner with local land holders and EPA where possible to remediate sites within commercial and residential areas.



Implementation of Productivity

Measures



Opportunities to grow agricultural industries

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based

Riverina-Murray Regional Plan 2036:

- 2. Promote and grow the agribusiness sector
- 3. Expand advanced and value-added manufacturing
- 4. Promote business activities in industrial and commercial areas.
- 16 Increase resilience to natural hazards and climate change.
- 23. Build resilience in towns and villages.

Actions:

By December 2025 Council will:

- 7.1. implement the CGRC Rural Lands Strategy in full.

Opportunities to foster agritourism

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 2.3. Tourism opportunities are actively promoted

Riverina-Murray Regional Plan 2036:

- 2. Promote and grow the agribusiness sector
- 7. Promote tourism opportunities
- 22. Promote the growth of regional cities and local centres

Actions:

By December 2025 Council will:

- 8.1. implement the CGRC Rural Lands Strategy in full.
- 8.2. implement the CGRC economic development strategy.
- 8.3. Develop a CGRC agritourism strategy.

Opportunities to support the freight network

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 3.2. Our built environments support and enhance liveability

Riverina-Murray Regional Plan 2036:

- 17. Transform the region into the eastern seaboard's freight and logistics hub
- 18. Enhance road and rail freight links
- 20. Identify and protect future transport corridors

Actions:

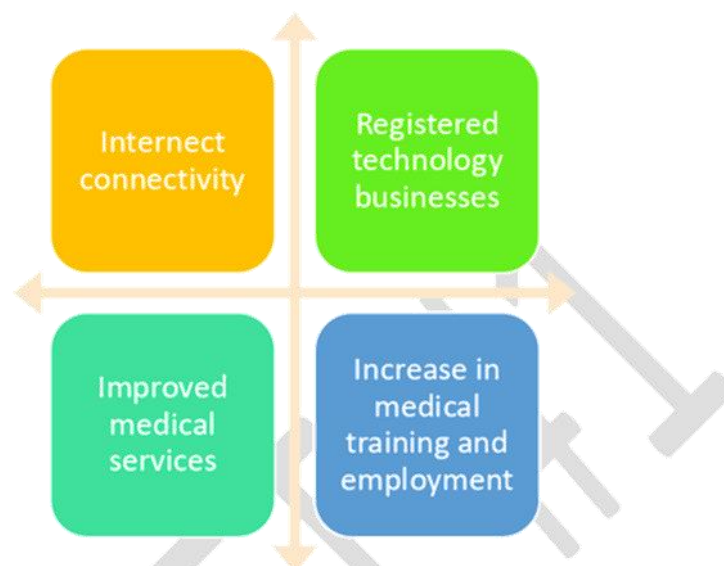
By December 2025 Council will:

- 9.1. implement the Cootamundra 2050 Strategy's focus area of "Inland Port"
- 9.2. apply initiatives from the CGRC Villages Strategy 2018 which target industrial and freight development.
- 9.3. develop a masterplan for Coolac which targets highway freight and interchange facilities.
- 9.4. undertake enabling works to improve storm water drainage across Coolac.
- 9.5. develop a strategy to develop Stockinbingal as a rail and road interchange.



Implementation of Technology

Measures



Opportunities for future technologies

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based

Riverina-Murray Regional Plan 2036:

- 4. Promote business activities in industrial and commercial areas
- 22. Promote the growth of regional cities and local centres

Actions:

By December 2021 Council will:

- 10.1. identify sites for future electric vehicle fast charging points.
- 10.2. review its community participation plan to include communication via social media and email as additional notification options.

By December 2023 Council will:

- 10.3. consider additions and alterations such as aerial delivery points be considered as exempt development.
- 10.4. explore the possibility and risk involved in allowing off grid electricity storage via batteries as exempt development.

Opportunities to be the centre of medical excellence

CSP:

- 1.3. Our community members are healthy and safe
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 2.4. Our local workforce is skilled and workplace ready

Riverina-Murray Regional Plan 2036:

- 5. Support the growth of the health and aged care sectors
- 6. Promote the expansion of education and training opportunities
- 22. Promote the growth of regional cities and local centres

Actions:

By December 2025 Council will:

- 11.1. implement the Cootamundra 2050 Strategy's focus area of "Centre of Medical Excellence."

Opportunities for micro-manufacturing

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based

Riverina-Murray Regional Plan 2036:

- 3. Expand advanced and value-added manufacturing
- 4. Promote business activities in industrial and commercial areas

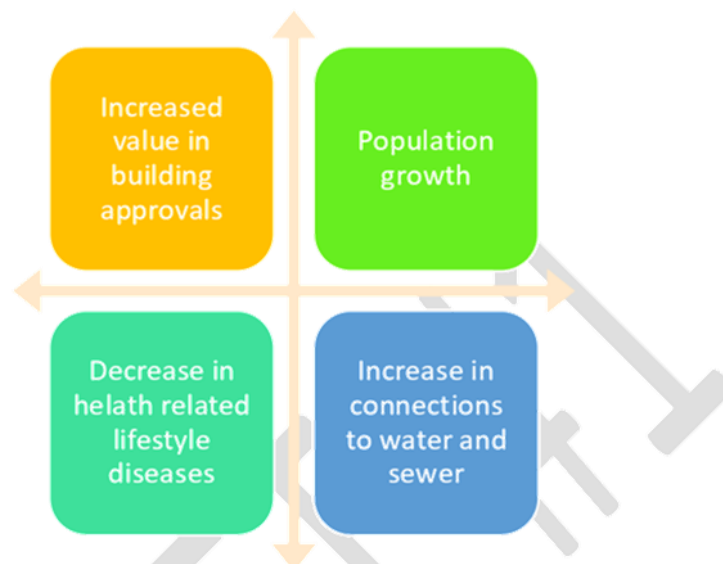
Actions:

By December 2021 Council will:

- 12.1. review the controls within its LEP to allow certain micro manufacturing and associated buildings to be permissible in commercial zones as well as industrial and mixed-use zones.
- 12.2. allow micro manufacturing which does not involve the use of dedicated buildings and/or spaces and which does not produce offensive noise, odour or sound as a permissible use in the residential area as a home business.
- 12.3. allow production facilities contained in modified shipping containers such as horticulture be permissible in industrial and mixed-use zones and as ancillary in commercial zones – for example microgreens for a restaurant.

Implementation of Infrastructure and Planning

Measures



To promote active living

CSP:

- 1.3. Our community members are healthy and safe
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 3.2. Our built environments support and enhance liveability
- 4.3. CGRC is a premier local government Council

Riverina-Murray Regional Plan 2036:

- 5. Support the growth of the health and aged care sectors
- 6. Promote the expansion of education and training opportunities
- 22. Promote the growth of regional cities and local centres
- 28. Deliver healthy built environments and improved urban design.

Actions:

By December 2025 Council will:

- 13.4. develop with RMS an active transport strategy which will examine how best to promote and increase cycling and walking within the LGA.
- 13.5. implement the Cootamundra 2050 strategy with regards to establishing community garden spaces and promoting healthy living.
- 13.6. implement the Cootamundra 2050 Strategy's focus area of "Centre of Medical Excellence"

Opportunities to create a flexible planning system

CSP:

- 2.1. The local economy is strong and diverse
- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 3.2. Our built environments support and enhance liveability
- 4.1. Decision making is based on collaborative, transparent and accountable leadership
- 4.2. Active participation and engagement in local decision making
- 4.3. CGRC is a premier local government Council

Riverina-Murray Regional Plan 2036:

- 4. Promote business activities in industrial and commercial areas
- 16. Increase resilience to natural hazards and climate change
- 22. Promote the growth of regional cities and local centres
- 23. Build resilience in towns and villages
- 26. Provide greater housing choice
- 28. Deliver healthy built environments and improved urban design

Actions:

By December 2021 Council will:

- 14.1. create new LEP and DCP documents which combine the former Cootamundra and Gundagai Shires as CGRC to provide certainty and clarity for developers moving forward.
- 14.2. apply more mixed-use zoning in town and village areas
- 14.3. review residential land requirements through a residential land monitor.

By December 2024 Council will:

- 14.4. improve car parking across Cootamundra and Gundagai with elimination of rear to curb parking and centralised large council car parks, with capacity to be developed with decks in the future.

Opportunities to provide access to quality water and sewer infrastructure

CSP:

- 2.2. Strategic land-use planning is co-ordinated and needs-based
- 2.3. Tourism opportunities are actively promoted

Riverina-Murray Regional Plan 2036:

- 10. Sustainably manage water resources for economic opportunities
- 13. Manage and conserve water resources for the environment
- 23. Build resilience in towns and villages

Actions:

By December 2021 Council will:

- 15.1 create a contributions plan for water and sewer to ensure that zoned land is able to be adequately serviced.

References

Relevant studies, plans and documents

CGRC Section 7.12 Fixed Development Consent Levy Contributions Plan 2018
CGRC Villages Strategy 2018
CGRC Community Participation Plan 2019
Cootamundra 2050 Strategy
Cootamundra Development Control Plan 2013
Cootamundra Local Environmental Plan 2013
Draft CGRC Rural Lands Strategy 2019
Draft GANSW Greener Places Design Guide 2019
GANSW Better Placed Design Guide 2018
Gundagai Local Environmental Plan 2011
NSW Climate Change Policy Framework
NSW Future Transport Strategy 2056
Riverina-Murray Regional Plan 2036