

COMMUNITY STATEMENT

JULY 2019

This statement captures the values and insights shared by Parkes locals, landowners and businesses. It has helped shape the draft master plan for the Parkes Special Activation Precinct.



Parkes is centrally located, we've got rail, we've got road, we've got regional production and we'll be able to capitalise on these things.

Geoff Rice

PLACE

Master plan and precinct boundaries
Relationship to town and surrounding farmlands
Aboriginal cultural heritage



ENVIRONMENT

Biodiversity
Sustainability
Trees and planting



CONNECTIVITY

Roads and rail
Water and waste water
Energy and digital connectivity
Pedestrian and cycling routes



BUILT FORM AND LANDSCAPE

Design principles for the look, feel and amenity
Public spaces



LAND USE AND INDUSTRY

Designated sub-precincts for different uses
Business attraction and investment
Relationship between different industry types



PARKES SPECIAL ACTIVATION PRECINCT



It's a matter of taking the opportunity to use what we've got and use it in a different way.

Geoff Rice

GEOFF RICE
LANGLANDS HANLON, PRESIDENT PARKES BUSINESS CHAMBER

For the past fourteen years, Geoff and his wife Renee have owned Langlands Hanlon, a livestock station and real-estate agency, right in the heart of town. The business has been operating since the mid 1930s, and Geoff bought it from its original owner, Leo Herry.

Leo had the foresight to send Geoff off to get more experience before investing in the business. So he did. Geoff went to live in Sydney, Bathurst and Forbes to get the experience needed to purchase and successfully run Langlands Hanlon.

"Renee and I moved back to Parkes because we could see the opportunities compared to other country towns. We grew up in Parkes, so to us it was coming home, coming back to where we belong and back to our families."

"Parkes is centrally located, we've got rail, we've got road, we've got regional production and we'll be able to capitalise on these things and take our products and produce to the world." Geoff says it's also about doing things differently, looking at what aquaculture can bring, more production of fruit and vegetables and flowers. "It's a matter of taking the opportunity to use what we've got and use it in a different way."

Geoff and Renee have a nine-year-old daughter and they would like her to have educational opportunities and employment options in Parkes or the region. "I've got nieces that have had to travel long distances to go to university and I'd love to see Clara have that opportunity here in Parkes. That same opportunity."

Langlands Hanlon has employed three trainees through a government trainee program. Geoff says traineeships are an important part of supporting young people to live and work in the town they grew up in. He encourages other businesses to tap into trainee programs, especially to support future employment opportunities with the Parkes Special Activation Precinct.

Geoff also encourages people to buy property in Parkes. Not because he's in the real-estate game – but because he truly believes in the potential, opportunities and growth for Parkes. "We're getting interest from Western Sydney, we're getting interest from Melbourne, we're getting interest from Brisbane, and a lot of areas that wouldn't traditionally look at Parkes, but they are now thanks to the focus that's been put on Parkes. So, from an investment point of view, huge opportunity."

Acknowledgement of Country

We acknowledge the Wiradjuri people who are the traditional land owners of the Parkes Region. The Wiradjuri is the largest Aboriginal nation in NSW, ranging from Albury in the south to Coonabarabran in the north and covering about one fifth of the State.

The Wiradjuri lands were signposted with scar trees and these and any other remaining artefacts will be identified and respected in the development of the Special Activation Precinct. We also wish to design places where Aboriginal people are socially, culturally and economically included.



Foreword from the Honourable John Barilaro, Deputy Premier, Minister for Regional New South Wales, Industry and Trade

Parkes is a region poised for growth, not just because of the energy and commitment of the community, but for its natural economic advantages.



Parkes is a town with a big heart. For the past 28 years it has embraced and grown the Elvis Festival, which now welcomes more than 26,000 visitors each year and attracts a worldwide media audience of more than 200 million. Just up the road, Trundle's ABBA Festival continues the local tradition of celebrating music and having fun while showing off the wider region. It's not just music though that puts the region on the map, radio astronomy is another reason people come to Parkes. The deep space discoveries that continue to be made at the world famous Dish are something else the area should be proud of.

More recently the start of the inland rail construction and the establishment of the National Logistics Hub, will allow the region to accelerate its dreams. Parkes sits in an enviable position at the cross roads of the east-west and north-south rail lines, giving direct freight links to all major cities in Australia and making it a perfect place for business investment and growth.

That's why, in July 2018, the NSW Government announced Parkes as the location for the State's first Special Activation Precinct.

This community statement is for you, the people of Parkes and reflects what you love about the region you live, work, play and thrive in. By listening to the Parkes community, we can plan and design a Special Activation Precinct that meets the community's aspirations and needs, one that's world leading, attracts investors and will ensure Parkes continues to punch well above its weight into the future. I look forward to seeing progress on the first Special Activation Precinct in NSW, and to seeing Parkes reap the rewards of this investment.

Thank you Parkes

This Community Statement for Parkes has been prepared in consultation with the Parkes community, local businesses, Parkes Shire Council and the NSW Department of Planning, Industry and Environment. The community values and sentiments captured in this Community Statement have played an important role in influencing the Parkes Special Activation Precinct. Thank you to all

members of the community who have been part of this process to date, and for the valuable insights shared that will shape the future of Parkes.

For this Special Activation Precinct to be a success, we need you. As a member of the Parkes community we want you to be alongside us every step of the way.

SPECIAL ACTIVATION PRECINCTS

Special Activation Precincts are dedicated areas identified by the NSW Government to bring together planning and investment to drive jobs and economic activity. Precincts will support industries in line with the competitive advantages and economic strengths of each area.

These Precincts will create jobs, attract businesses and investors, and fuel

economic development in regional NSW to ensure regions are well placed to grow and meet future economic and community needs.

The NSW Government announced the establishment of Special Activation Precincts as part of its 20-Year Economic Vision for Regional NSW. The Precincts will be delivered as part of the \$4.2 billion Snowy Hydro Legacy Fund.



KEY ELEMENTS OF A SPECIAL ACTIVATION PRECINCT

Government-led studies

To create upfront strategic land use and infrastructure planning.

Fast track planning

Streamlined planning and environmental approvals to provide certainty and confidence to business. This may include providing for land uses that suit complying development or approval exemptions.

Government-led development

Tailored master plans for each precinct with a delivery schedule that supports orderly development, sensitive to market drivers, landowners and infrastructure delivery.

Infrastructure investment

A solid business case for roads, water, power, digital connectivity and social infrastructure required for each functional, vibrant precinct.

Business Concierge

Targeted business concierge services to attract investment and support businesses to establish and grow in each precinct.

The Parkes story



The traditional land owners of the Parkes region are the Wiradjuri people who have lived in the area for more than 40,000 years. The Wiradjuri nation is the largest in NSW, ranging from Albury in the south to Coonabarabran in the north covering approximately one fifth of the State.

Parkes is known as Goobang Country, which is derived from the Aboriginal Coleong Coobung, which meant ‘place of many wattles’. The Aboriginal community of northern Parkes and Peak Hill refer to themselves as the Bogan River Wiradjuri (Yuradjurray) people.

In 1862 the discovery of gold in the area led to a tent town which accommodated thousands of gold seekers. A further discovery of gold in 1871 at the nearby Bushman’s Gold Mine helped the district to become one of the richest gold producing areas.

On 1 December 1873, the name of the town was changed from Bushman’s to Parkes in honour of the then Premier, Sir Henry Parkes, and then in 1887 the town’s main street was named Clarinda after his wife.

The Parkes region continues to be linked to gold mining, transport and agriculture, all of which are still thriving industry sectors today.

Parkes Shire contains some of the most productive agricultural and grazing land in NSW. The area is known for wheat, barley, canola, oats, oilseeds and winter legume crops, alongside sheep grazing lands, which produce significant volumes for both the wool and meat markets.





Parkes Shire’s mineral resources sustain ongoing mining activity

These days Parkes Shire has six main economic strengths: mineral resources, agriculture, retail activity, government services, tourism and transport including developing as an important inland hub of Australia’s freight network. Parkes Shire’s mineral resources sustain ongoing mining activity, including Northparkes Mines.

PARKES SHIRE’S SIX MAIN ECONOMIC STRENGTHS:

1 MINERAL RESOURCES



2 AGRICULTURE



3 RETAIL ACTIVITY



4 GOVERNMENT SERVICES



5 TOURISM



6 TRANSPORT



Sir Henry Parkes

Sir Henry Parkes enjoyed a close relationship with the citizens of Parkes. His gifts to Parkes include the Marble Fontana Bust, on display at Parkes Shire Council, and a book of his speeches.

Henry Parkes reached Sydney in 1839 a penniless 24-year-old English immigrant accompanied by his first wife Clarinda and their newborn daughter. He was an ivory turner, farm labourer, journalist, newspaper proprietor and a businessman who went bankrupt several times, but he was a driven man, who became Premier of New South Wales five times.

Sir Henry was a strong advocate for Federation, which came four years after his death in 1896. He is recognised today as the Father of Federation.



Nobody knows Parkes better than you

What we heard loud and clear is there's an insatiable appetite to continue to live, work, play and thrive in your community. You also recognise that business investment is key to driving a prosperous future and creating jobs now, and for future generations.

Community and stakeholder engagement activities have given good insights into what the people of Parkes want to see for their town and region. Initially, your input was invited by email and social media before face-to-face engagement activities ramped up throughout May.

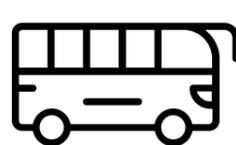
You can keep sharing your thoughts with us.



1300 REGION (73 44 66)



parkessap@dpc.nsw.gov.au



Landowner meetings

Landowners in the investigation area received letters and invitations for face-to-face meetings, and those that took up the offer enriched the Special Activation Precinct team's understanding of their land, and their wishes. Landowners were also invited to a briefing session during May where they could talk to the technical consultants about what they found on their land.

Community pop-ups

Three community pop-up events were held, and the two May events were widely advertised in print, radio and Facebook. The advertising generated good attendance at the May pop-ups by people willing to share their ideas and aspirations. The overall sentiment of people at the pop-ups was positive, with all expressing their support for the Special Activation Precinct.

Community bus tour

Realising that many locals had not driven through the investigation area, and had not seen the extent of the construction activity underway by Pacific National and Inland Rail, a community bus tour was organised to explain the objectives of the Precinct while driving through the investigation area.

Community survey

To support the community engagement events, the NSW Government developed a community survey to help identify the opportunities and any issues the community had around the development of the Special Activation Precinct. 100% of survey respondents wholeheartedly supported the project.



I love the community spirit in Parkes, it's probably the main thing. For a small regional centre, we've nearly got all facilities and things for kids to do. So, I really enjoy the way that the town gets behind different community events.

Joe Spicer

Teacher and President of the Parkes Spacemen Rugby League Football Club

WHAT YOU WANT TO KEEP

SUPPORT REGIONAL AGRICULTURE



KEEP IT LOCAL, KEEP THINKING NATIONALLY



CURRENT BUSINESSES LARGE AND SMALL



1930S ARCHITECTURE, SENSE OF COMMUNITY, ELVIS FESTIVAL



Jenny Jewel
Owner Green Parkes Garden Centre
and President of Rotary

It's a welcoming and supportive community, where everyone looks out for each other.



WHAT YOU'D LOVE TO SEE

MORE SUPPORT FOR NEW AND EXISTING BUSINESSES



ENCOURAGE BUSINESSES TO USE PARKES AS A TRANSPORT HUB AND PROMOTE IT TO THE WHOLE REGION



EDUCATION AND TRAINING OPPORTUNITIES



MORE LOCAL JOBS



DON'T RUIN THE ENVIRONMENT IN THE ENTHUSIASM TO DEVELOP



MORE SERVICES AND FACILITIES FOR FAMILIES AND THE ELDERLY



MORE HOUSING FOR AN INCREASED POPULATION



WE'D LIKE YOUR THOUGHTS ON...

FEEDLOTS



ABATTOIR



INLAND PORT AND TRANSPORT AND LOGISTICS HUB



ECO INDUSTRIAL PARK



HIGH ENVIRONMENTAL SUSTAINABILITY BENCHMARKS



RENEWABLE ENERGY INCLUDING ENERGY FROM WASTE FACILITY



PRESERVING AND ENHANCING TREES AND BIODIVERSITY



MAINTAINING RURAL CHARACTER



SENSE OF ENTRY TO THE PRECINCT



The vision

Stimulating economic development and employment, the Parkes Special Activation Precinct will be a hub of sustainability and enterprise that will enhance the local and regional community.

Located at the epicentre of transport and logistics, Parkes will be a true inland port to national and global markets.



PLACE

The master plan, the precinct boundaries, the various sub-precincts, the relationship to town and the surrounding region. Ensuring Aboriginal cultural heritage areas and items are preserved and enhanced to create a sense of connection to country.

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BUILT FORM AND LANDSCAPE

The design principles for the look, feel and amenity of the Precinct, as well as how the public spaces work. The entrances and other elements for creating a sense of place.

See page 24



ENVIRONMENT

How the precinct preserves biodiversity including flora, fauna and especially current and future trees and greenery. The sustainability principles applied in design and development to achieve eco-industrial park status, managing water, energy, waste and resources in the best possible way.

See page 22



CONNECTIVITY

The roads, rail, riding and walking routes, energy, water and sewerage, and digital connectivity. How this infrastructure is supplied, managed and connected through the precinct, to the town and to the wider region.

See page 23



LAND USE AND INDUSTRY

Designated sub-precincts for different uses. The business attraction and investment activities to achieve these uses, and leveraging the relationships between different industry types.

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Eco-industrial parks and the circular economy

Parkes Special Activation Precinct will become a true eco-industrial park.

In an eco-industrial park, businesses cooperate in an attempt to reduce waste and pollution, and efficiently share resources.

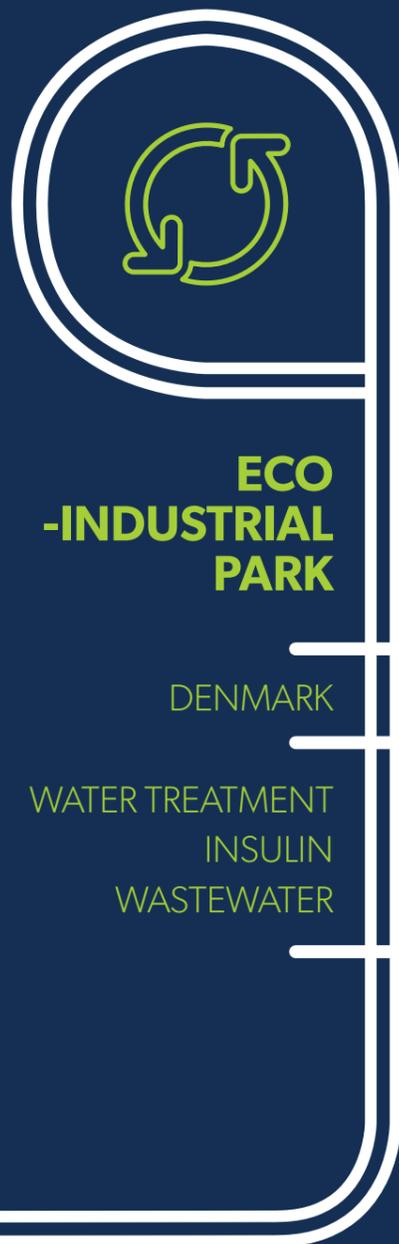
This can also be described as a circular economy. There is no waste because waste is reused as a resource. Energy is super-efficient as it can be generated from the industrial processes within one location.

The Parkes Special Activation Precinct will be setting goals for efficient management of environmental factors including energy, waste, water, and also stretching to mobility, climate resilience and emissions. With these factors measured from the outset, the Precinct is set up to be a leader in modelling the circular economy and in being a model eco-industrial park.



It's about the next generation of industry skilling up our workforce, building a workforce for the future, and that's very exciting for our young people.

Kent Boyd
General Manager, Parkes Shire Council



CASE STUDY

Kalundborg Symbiosis

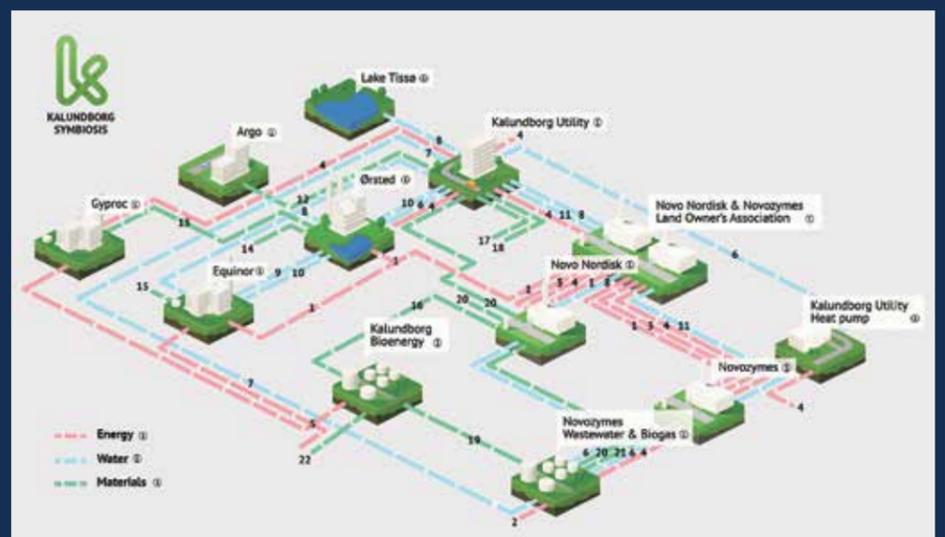
Kalundborg Symbiosis is an eco-industrial park in Denmark involving nine private and public companies collaborating to use each other's by-products and share resources.

The Kalundborg Symbiosis is a gradual cooperative evolution of four neighbouring industries in the Kalundborg municipality over 40 years.

Companies involved in the Symbiosis include:

- Kalundborg Utility, one of Northern Europe's biggest and most advanced water treatment plants;
- Novo Nordisk, a Danish company and the world's largest insulin producer; and
- Novozymes Wastewater and Biogas Plant.

Millions of cubic metres of surface water from Lake Tissø are used annually by Kalundborg Symbiosis. The water is piped to the Kalundborg Utility, and is then distributed to companies in the Symbiosis. Novo Nordisk, which produces nearly half the world's insulin, uses this water for cooling during production. Excess wastewater is then piped to Novozymes Wastewater and Biogas Plant where it is used to produce electricity and heat for the Symbiosis and for the community. This is just one example of the collaboration and use of excess resources that happen within the Symbiosis.



Kalundborg Symbiosis is an example of how businesses in the Parkes Special Activation Precinct may be co-located to increase efficiencies. Waste and residue from one company can be a resource at another. This will provide benefits for numerous business such as the sharing of knowledge, lowering operating costs, corporate reputation, reducing carbon emissions, and optimising precious resources.





There's a lot of extra businesses that will be needed in Parkes to compensate for the extra people that will come.

Jenny Jewel

JENNY JEWEL

OWNER GREEN PARKES GARDEN CENTRE AND PRESIDENT OF ROTARY

The business we've got here is Green Parkes Garden Centre, it is a nursery with a coffee shop attached. The nursery's run by my husband and me and staff, and the coffee shop is leased to some very good people. We've been in this business about 20 years.

I'm very emphatically a farm girl at heart, and I just love the community. When someone's down, basically, everyone else tries to pick them back up, so it's beautiful.

I'm the President of Rotary. This year, we've given away \$50,000 in \$500 gift cards. That's Rotary's commitment to the farming community, and that was very similar to all the other organisations that are in the town, community minded organisations.

There's a lot of activity around the rail hub. At this stage, most of the jobs are for more skilled workers. So whilst that's been great for the

town, for businesses that cater, motels, hotels, food service, it will eventually be good for the whole town too. It will offer a lot more jobs for just the general public that are looking for work.

A lot of the local community may have experience but not a ticket. So there's a catch 22. How do you get the ticket without going and spending a lot of money when you're unemployed?

There's a lot of extra businesses that will be needed in Parkes to compensate for the extra people that will come. Hopefully, there will be extra jobs for teachers and more school growth in the community.

So I would say, come. It's a very welcoming community and it's a great community to live in.

Amanda Corcoran

Whenever there's loss or disaster or anything like that, I like that the community, the neighbours, your friends, everyone comes together to support and encourage each other.



AMANDA CORCORAN

ABORIGINAL PROJECTS OFFICER, PARKES SHIRE COUNCIL

Amanda moved to Parkes about twenty years ago from Kempsey to be closer to family.

"My job is to link Aboriginal people with Aboriginal services, whether it be organisations, homecare or education. A lot of young Aboriginal people love working here. They love being close to home and close to family. You'll find most of our people like to stay locally. They don't venture very far."

Her job is important: closing the gap in health, education, early childhood, economic development, transport, and housing for Aboriginal people

The Inland Rail and the Special Activation Precinct will encourage Aboriginal employment, especially through Aboriginal government employment programs. "I have pulled together meetings with services and the community and we talk about how to prepare people for job interviews. We've been lucky enough in the past to fill some of those positions with our people."

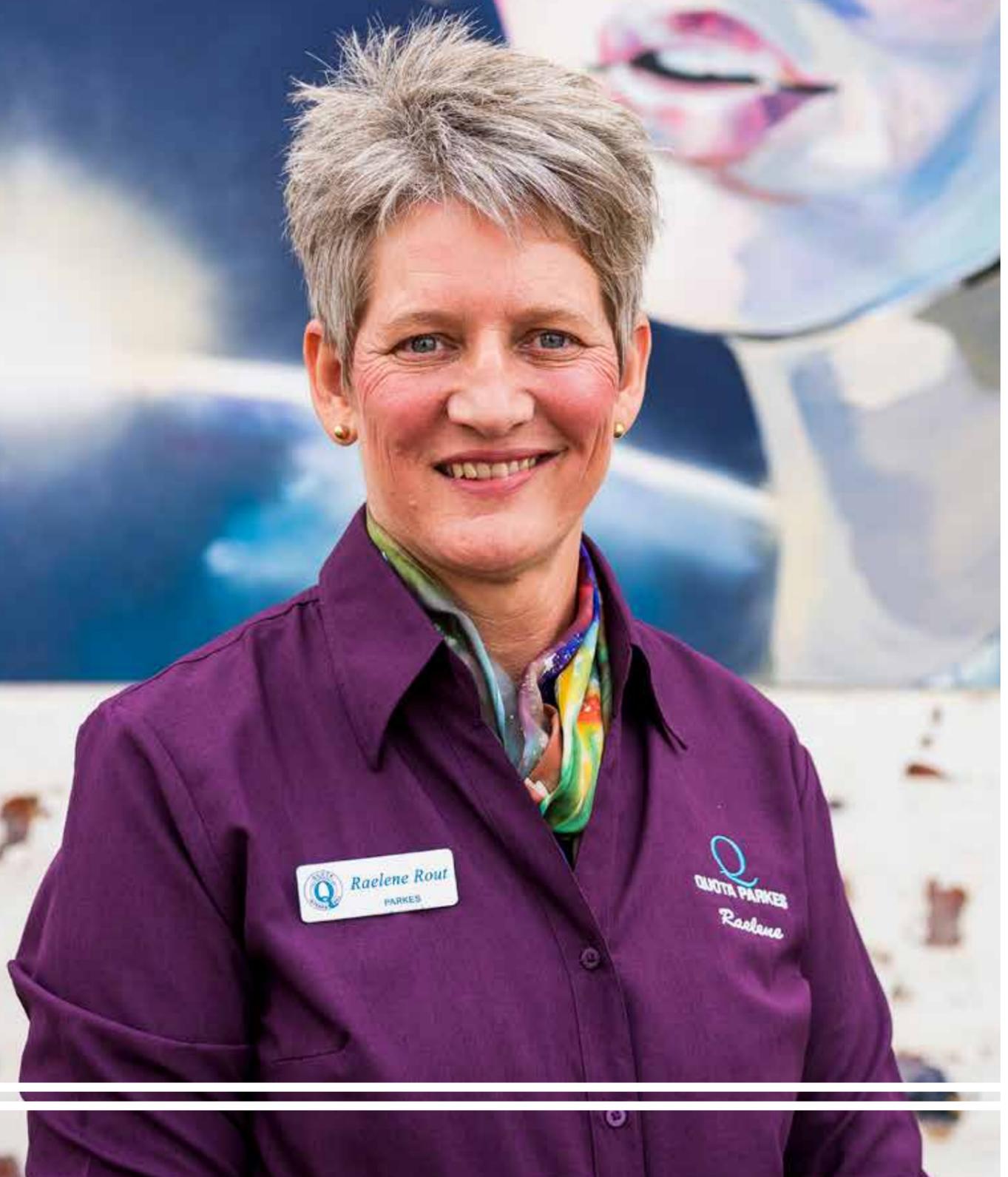
Amanda says Parkes is a great little place, with plenty of coffee shops and cafes – and of course it's famous for The Dish and the Elvis Festival, which brings a lot of people and talent to the town.

"I love that it's a warm country town. The people here are very friendly. It's a great place to bring up your kids. Whenever there's loss or disaster like with drought, or sickness, or anything like that, I like that the community, the neighbours, your friends, everyone comes together to support and encourage each other."

Amanda can see a bright future ahead with the Special Activation Precinct and thinks the opportunities will be endless. "It's very promising for Parkes, and obviously it's going to create employment opportunities. I'm hoping too that it would also create some housing opportunities."

Raelene Rout

We service the agricultural industry, which is certainly something very important to the community and us.



RAELENE ROUT

SMALL BUSINESS OWNER AND A MEMBER OF QUOTA INTERNATIONAL

As a member of Quota International, Raelene is busy running fundraising events and engaging with the community to help people that are hearing and speech impaired, as well as empowering women and children in the community. Raelene volunteers for several organisations, and believes that community members have a moral obligation to volunteer and give back to the community.

Raelene does this important volunteering work alongside running her own small business with her husband. Their rural supply business is an integral part of the community in Parkes. "We service the agricultural industry, which is certainly something very important to the community and us."

Raelene is encouraged and excited by the opportunities the Parkes Special Activation Precinct will bring. She is also heartened by the leadership and 'can do' attitude of the local Shire Council in making Parkes a great community to live and work.

"We encourage people from outside Parkes and the Orana region to come and have a look, meet the people. We really are a vibrant, happening community and full of wonderful people. The people are the most important part of a town – they make up the fabric of this place."

The Parkes Master Plan

In July 2018, the NSW Government announced the creation of the State's first Special Activation Precinct in Parkes. This Precinct builds on the many years of work done by Parkes Shire Council on developing a National Logistics Hub to the west of town.

Master planning began in earnest in the last quarter of 2018. An investigation area of 5,600 hectares, fanning out from the National Logistics Hub with no clear boundary was identified. Over 90 landowners were contacted to let them know work had begun and to gain permission to access their land to carry out field studies.

Technical experts spent five months looking at biodiversity, water, infrastructure, transport and transport links, sustainable development, culture and heritage, social infrastructure and economic modelling to inform the initial stages of a draft master plan.

Master planning specialists drew and re-drew potential draft schemes, iterating ideas before a week long

intensive workshop called Enquiry by Design in May 2019. Working with Parkes Shire Council, the workshop brought technical experts, engineers, stakeholders and urban designers into the one room, supported by the latest technology to allow them to turn the ideas of the community and the experts into 3D models, so plans could be tested and refined.

By the end of the week, a draft master plan was created, presented to stakeholders, and was refined for exhibition and public comment. The land uses, industry types, transport connections, water considerations, conservation and sustainability elements, and aspirations for the best outcome were all incorporated in the draft.

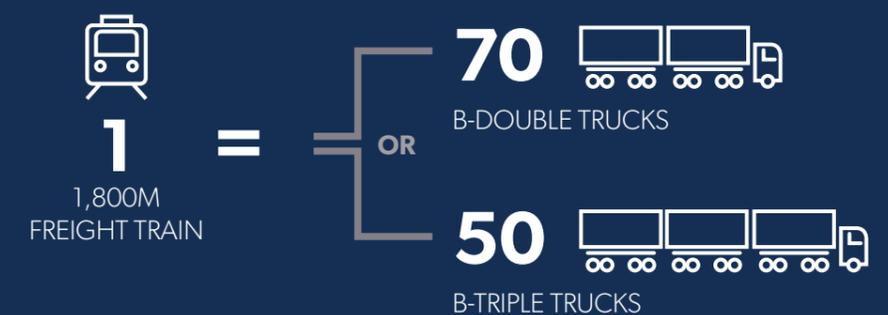
When all comments have been considered, further refinements will be made, and a final master plan delivered by the end of 2019.

ROAD VS RAIL FREIGHT

FOR ONE TONNE OF ROAD FREIGHT HAULED 1 KM:



A SINGLE 1,800 METRE FREIGHT TRAIN IS EQUIVALENT TO:



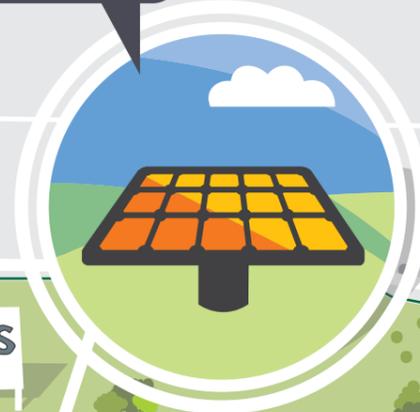
The Precinct

ANNUALLY
138,000 = 21,000
MEGAWATT HOURS HOMES

The first solar farm in the Precinct generates up to 138,000 megawatt hours p.a. equivalent of taking 38,000 cars off the road, and can power 21,000 homes with renewable energy



Solar energy



PARKES
SOLAR FARM

Freight and logistics



Precinct-wide
environmental preservation

POTENTIAL SPECIAL
ACTIVATION PRECINCT JOBS
2,000 - 3,000



Intensive livestock
agriculture

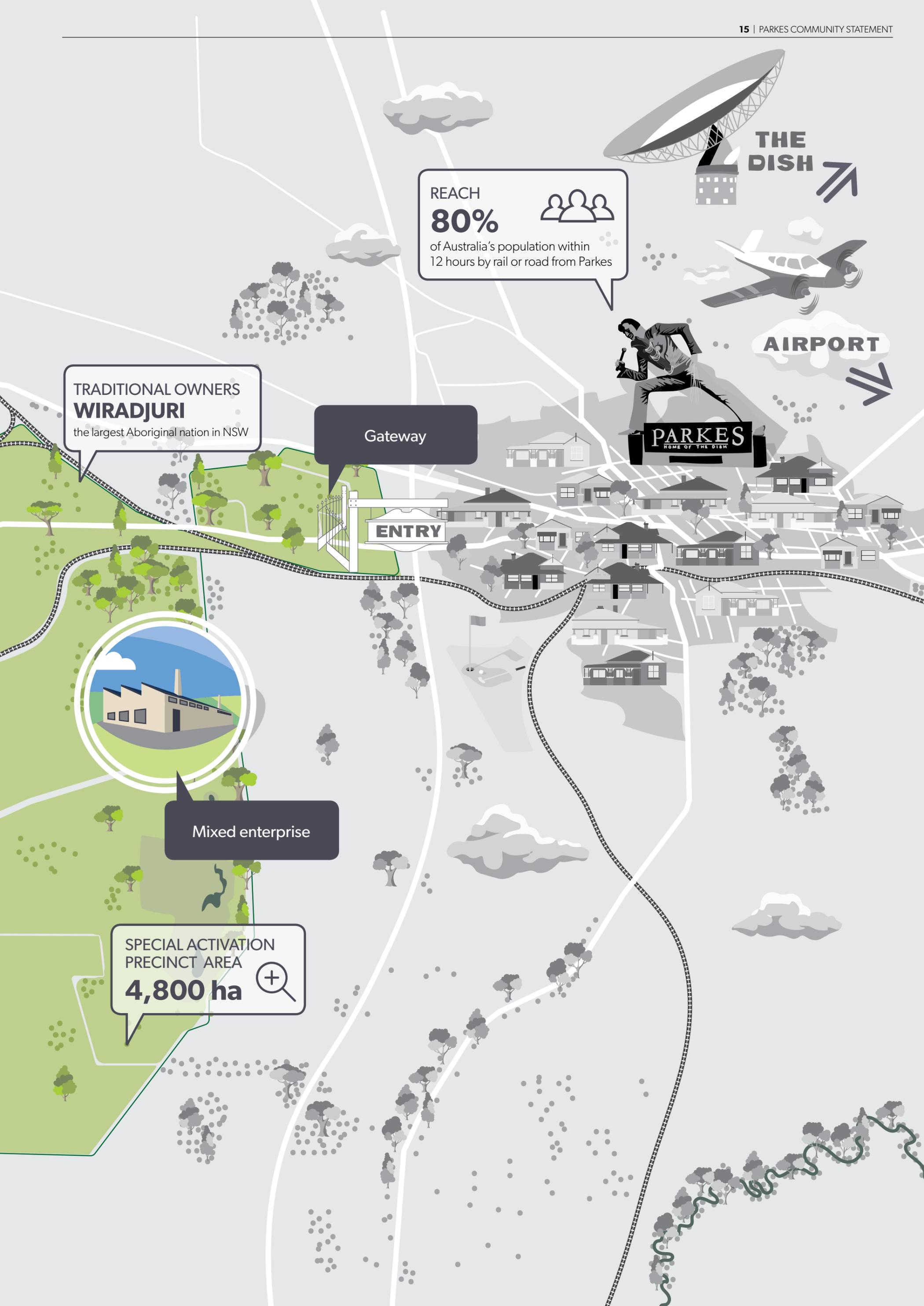


Resource recovery
and recycling



CEREAL CROPS
53.1%
of Parkes Shire agricultural
gross regional product





REACH
80%
of Australia's population within
12 hours by rail or road from Parkes

TRADITIONAL OWNERS
WIRADJURI
the largest Aboriginal nation in NSW

Gateway

ENTRY

PARKES
HOME OF THE DISH

THE DISH

AIRPORT



Mixed enterprise

SPECIAL ACTIVATION
PRECINCT AREA
4,800 ha

The Precinct explained

Freight and logistics

The sub-precinct expands on the freight and logistics uses focused around the Parkes National Logistics Hub. Currently, Pacific National has an intermodal terminal which is expected to begin operating in late 2019, and SCT has transport, warehousing and freight forwarding facilities, with the capacity for increased intermodal operations from the Precinct.

The master plan takes advantage of the crossroads of the east-west and north-south Inland Rail project, with the transport and logistics hub having the capacity to load and unload road to rail, rail to road, and have double stacked trains from Parkes to Perth.

Services that support freight and logistics activities could include customs and bonding facilities, fulfilment and freight forwarding, and security provisions for an inland port, and other regional enterprises.

Gateway

This will be a welcoming entrance to the Special Activation Precinct and will include services to support the Precinct and the region such as training and education facilities and amenities such as a highway service centre, a truck rest area and truck stop facilities.

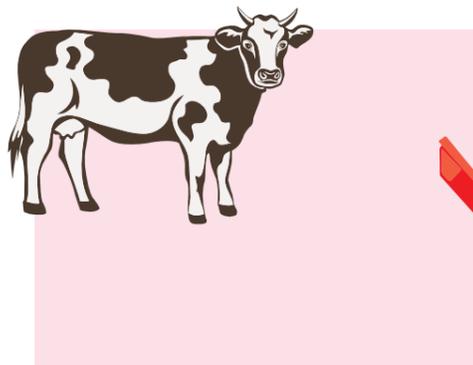
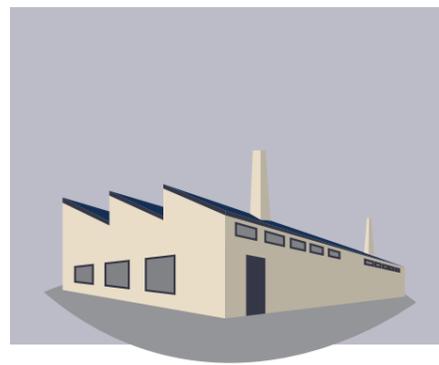
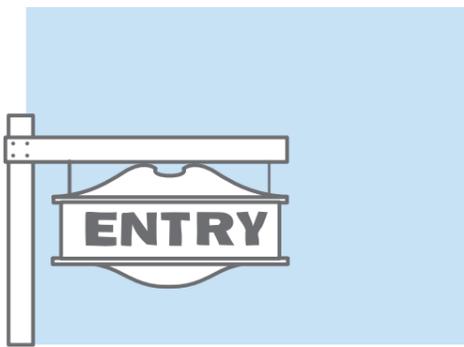
Located prominently along the Newell Highway, it also offers business opportunities to service local and travelling populations such as truck drivers.

Mixed enterprise

There are multiple potential opportunities in this sub-precinct. Industries could include manufacturing, food processing, and other agribusiness uses that leverage the agricultural produce of the Central West and Orana. Value adding to agricultural products, close to producers and with ready transport access, means the time from paddock to plate can be reduced.

Solar energy

Solar energy is already a major use of the Precinct, and the current 66 megawatt solar farm can provide enough energy to power nearly 20,000 households. Another approved large solar farm is expected to be operational in the Precinct by mid-2020.



Intensive livestock agriculture

A location for meat processing and feedlots has been designated within the Precinct. The ability for farmers to bring their livestock to a central point with ready access to ports will be a game changer.

Additionally, some manufacturing uses may have the potential to be co-located with intensive livestock agricultural uses. For example, pet food manufacturing is a sustainable way of managing by-products from an abattoir.

Resource recovery and recycling

Energy from waste is a processing method that turns waste that would normally be designated to landfill into useable energy. Typically waste is moved by rail or road to these facilities. The Parkes Special Activation Precinct has capacity to accommodate resource recovery facilities. These could include generating energy from waste products which are brought in from other locations by rail, and then processed into useable energy for the Precinct or for the national energy grid.

Waste processing or recycling facilities could also entail manufacturing reuse products such as furniture or construction materials.

A buffer will be applied around these facilities so that potential impacts such as noise, air quality or odour are reduced or managed.

Environmental preservation

Green areas have been designated both for buffer zones between the Precinct and neighbouring properties, but also to conserve valuable woodlands and cultural heritage. Scar trees and other identified Aboriginal artefacts will be protected. All possible existing paddock trees will be preserved as will other landscape features such as rocky rises and creek beds.

The goal is for an eco-industrial park based on the highest sustainability principles, the same principles that apply to the whole Precinct. In the long term, it is intended that the Precinct would be entirely supported by energy generated within the Precinct, and that all water would be treated and re-used within the Precinct. Waste would be eliminated or re-used in the Precinct too.

New uses explained



ENERGY FROM WASTE

Energy from waste is a processing method that turns waste that would normally be designated to landfill into useable energy. Typically waste is moved by rail or road to these facilities.

POTENTIAL CONCERNS	 ACCESS TO SUFFICIENT WASTE	 PROCESSING NOISE	 AIR QUALITY AND ODOUR	 WATER AND ENERGY USAGE
MITIGATION	<p>The Parkes Special Activation Precinct is ideally located to rail and road connections, allowing goods and materials readily to be moved in and out.</p>	<p>Energy to waste is a relatively quiet process. The location of the resource recovery and recycling sub-precinct is situated away from residents.</p>	<p>The latest filtration technology makes energy from waste virtually pollution-free, additionally wide buffer zones are built into the precinct design.</p> <p>Air quality and odour will be monitored across the Precinct. Businesses will need environmental approvals and licensing.</p>	<p>Water used during the process is captured and recycled at a precinct level and on-site. Any heat generated can also be captured and used locally, while electricity can be fed into the national grid.</p>

CASE STUDY

Copenhill – combined heat and power plant

COMBINED HEAT AND POWER FACILITY DENMARK

Copenhill is an energy-from-waste plant in Copenhagen, Denmark. Copenhill collects waste from citizens and companies for re-use as electricity and heating. The \$660 million facility opened in 2017.

Copenhill repurposes the waste of half a million citizens and 46,000 companies in the greater Copenhagen area. The waste is used to heat water into steam that drives a turbine to create electricity for 62,500 households and heat for 160,000 households. This means that non-recyclable waste that would have become landfill is turned into secure energy in an environmentally safe manner.

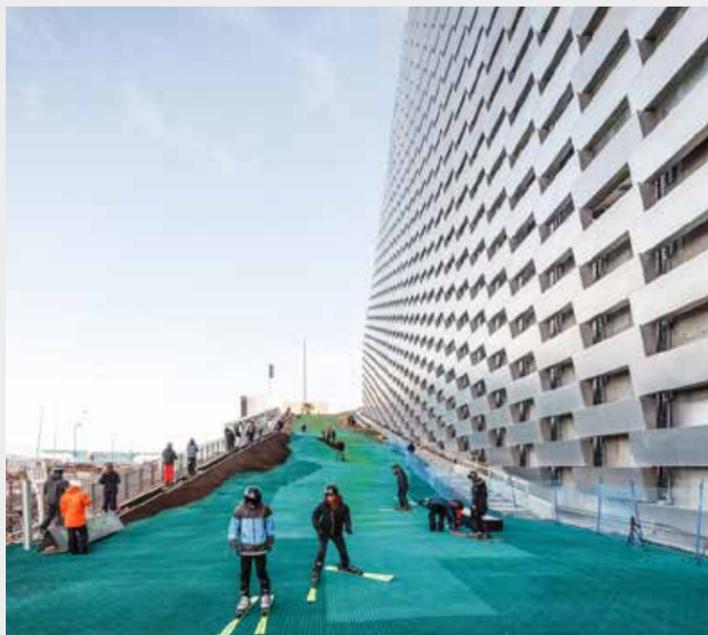
Due to the air being treated and filtered using the latest technology, the facility is almost pollution free. It is one of the cleanest and most efficient waste-to-energy facilities in the world. Cutting 107,000 tonnes of carbon dioxide emissions annually (compared to a conventional coal-fired plant), it also reduces nitrous oxide emissions by 85 per cent and the sulphur content of smoke by 99.5 per cent.

Better still, the facility is also home to an urban mountain sports centre, with a full-

service restaurant, an après-ski bar and a recreational centre including an artificial ski slope, a recreational hiking area and an 85 metre-tall climbing wall, the highest in the world. The recreational centre is due to open in October 2019.

The design of Copenhill presents opportunities for the Parkes Special Activation Precinct to similarly incorporate an operational energy-from-waste facility, while considering the co-location opportunities for other industries to use the energy or heat produced by the facility. The facility is also more environmentally-friendly

and sustainable than current coal-fired plants. Copenhill is the ultimate example of how planning and design can reduce waste and pollution, produce energy and boost the economy, and sit comfortably in an urban environment.





ABATTOIR

An abattoir is a proposed use in the Special Activation Precinct that would service primary producers and enable ready access to domestic and international markets.

POTENTIAL CONCERNS



AIR QUALITY AND ODOUR



NOISE



EFFLUENT MANAGEMENT

MITIGATION

Wide buffer zones are built into the Precinct design, minimising odour concentration, as well as on-site odour mitigation measures.

Air quality and odour will be monitored across the Precinct.

Businesses will need environmental approvals and licensing.

Noise will be managed at source through appropriate building design and treatments and will also be minimised through buffer zones.

The location of the intensive livestock agricultural sub-precinct is situated away from the town and residents.

Effluent will be captured, managed and treated on site. Water used during processing is also captured and recycled on-site. Bio-waste can be reused on site as energy.

Businesses will need environmental approvals and licensing.

CASE STUDY

Fletcher International Exports

ABATTOIR

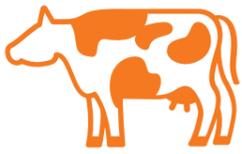
AUSTRALIA

Fletcher International Exports is a private, family-owned company and one of Australia's most integrated processors and exporters of lamb and sheep meat products. Fletcher operates two highly efficient processing facilities, with one located in Dubbo, NSW and the other located in Albany, WA. Combined, these two facilities have a production capacity of around 90,000 sheep and lambs per week or 4.5 million per year.



Fletcher uses as much of each processed animal as possible and produces a number of high-quality by-products such as ovine meat, bone meal and pet food. Fletcher also maintains their own farming interests, quality assurance division and freight logistics division. Quality assurance ensures a range of requirements are met such as food safety, animal welfare and product traceability.

Fletcher's Dubbo processing facility presents possibilities for the Parkes Special Activation Precinct as a great example of similar operations that could be established. For example, the Parkes Special Activation Precinct draft master plan features rail sidings backing onto an intensive agriculture sub-precinct in the south-western portion of the Precinct. This will provide regional producers access to freight networks and export opportunities, and could potentially align with operations at Fletcher's Dubbo facility. The Precinct could also benefit from Fletcher's value-adding approach of using the whole animal to create valuable by-products.



FEEDLOTS

A feedlot is an area where animals are fed intensively for high quality results. It provides an environment for the production of livestock that generates optimal conditioning and finishing.

POTENTIAL CONCERNS



AIR QUALITY AND ODOUR



NOISE



EFFLUENT MANAGEMENT

MITIGATION

Wide buffer zones are built into the Precinct design, minimising odour concentration, as well as on-site odour mitigation measures.

Air quality and odour will be monitored across the Precinct.

Businesses will need environmental approvals and licensing.

Truck and rail movements away from residential areas, near freight hubs. Buffer zones.

The location of the intensive livestock agricultural sub-precinct is situated away from the town and residents.

Effluent will be captured, managed and treated on site. Water used during processing is also captured and recycled on-site. Bio-waste can be reused on site as energy.

Businesses will need environmental approvals and licensing.

CASE STUDY

Binginbar Farms

FEEDLOT

AUSTRALIA

Binginbar Farms is a family-owned farming and feedlotting enterprise located in Gollan, NSW. Binginbar tracks the health and quality of their lambs and sheep, raising their food intake until they are a healthy weight to give to businesses for processing, such as Thomas International Foods in Tamworth. Between July 2017 and August 2018, Binginbar Farms processed 36,000 prime lambs.

Binginbar Farms is at the forefront of using agricultural technologies to benefit the feedlotting process. On arrival, each lamb is electronically tagged with radio-frequency identification (RFID) and the progress of each lamb is documented when they are weighed and recorded into agricultural software. Binginbar Farms uses the Hitachi Processing Intelligence system, which collects all data from different systems installed at the farm including data on water, weather, soil and measurements collected from the lambs. These technologies assist with

the management of the farming and feedlotting enterprises, for example, by ensuring that the animals have access to enough food and water, and allowing the farmers to prepare for weather issues such as drought.

The Binginbar Farms feedlot is an example of what a successful feedlot business may look like in the Parkes Special Activation Precinct. The use of agricultural technologies and

software helps the feedlot run in an economically efficient way, while assuring safety and quality that is beneficial to producers and processors. The positioning of Parkes and its Australia-wide freight access also presents opportunities for feedlot businesses to provide high-quality, regional NSW meat to domestic and international markets.



Themes



PLACE

Master plan and precinct boundaries

Relationship to town and surrounding farmlands

Aboriginal cultural heritage



The master plan takes into account the location, connections and best use of each area across the Precinct.

The natural thoroughfares of London Road to the south, Henry Parkes Way to the north, and the central spine of Brolgan Road primarily divide the Precinct into areas for different uses.

These sub-precincts describe the proposed uses, of which freight and logistics and solar are already well-established. The industry groupings and the infrastructure to support these are what will create the sense of place.

Importantly, previous precinct land uses have been investigated and considered. Some existing uses such as farming and rock crushing may continue in the Precinct, as the Special Activation Precinct evolves and develops over time.

The Aboriginal cultural heritage items such as scar trees, certain rock formations, and objects tell a story about Aboriginal use of the land. These considerations are central to the sense of place and ensuring that connections to Country are protected and respected.

As a precinct within a broader regional context, the relationship to the town of Parkes, to adjoining farms and the linkages beyond the region are all part of developing a sense of place that enhances the regional character of the area.



We're pretty central to New South Wales. We're pretty close to a lot of other regional centres. I think there's opportunity for Parkes to grow quite rapidly.

Joe Spicer

Teacher and President of the Parkes Spacemen Rugby League Football Club



I just love the opportunity to work with young people and help them with their education and putting their stepping stones together for what they want to do post-school.

Joe Spicer

JOE SPICER

HIGH SCHOOL TEACHER AND PRESIDENT PARKES SPACEMEN RLFC

I'm the president of the Parkes Spacemen Rugby League Football Club. We've got a very good club at the moment, and we participate in the Group 11 football competition.

I love the community spirit in Parkes, it's probably the main thing. For a small regional centre, we've nearly got all facilities and things for kids to do. I really enjoy the way that the town gets behind different community events. It's quite proactive. They're always ahead of the game.

I think there's a great opportunity for all businesses, all different industries. The way that the mining boom has affected Parkes and obviously the projects that are coming ahead with the inland rail and things like that.

We're pretty central to New South Wales, a lot of regional centres. There's opportunity for Parkes to grow quite rapidly.

A lot of our kids tend to head off to university, but then have ambitions of coming back. They go to Bathurst so they can stay in the region and return home. A lot of them, once they've gained their qualifications, come back home to things like teaching and nursing. There are some aspects of mining that they're also interested in.

It'd be great to add some more tertiary education facilities. At the moment there is that group of kids that have to go away to gain those qualifications, when they'd love to stay in town. So, ideally that would be something that we'd like to add in the future so they don't have to leave town, they can pursue their dreams locally.

I just love the opportunity to work with young people and help them with their education and putting their stepping stones together for what they want to do post-school. I help a lot of students with life skills, I guess, through sport and the different things that sport can teach them. So, that's probably the most enjoyable part of my job.



ENVIRONMENT

Biodiversity

Sustainability

Trees and planting

“In the context of mounting pressure to address climate change and foster international development, it is becoming increasingly clear that industrial parks need to move beyond their traditional resource intensive business models to integrate environmental and social dimensions to remain a frontrunner in the economic activities in their respective countries.”

United Nations Industrial Development Organisation 2018



The Parkes Special Activation Precinct represents a greenfields opportunity to co-locate businesses that can use and re-use water, waste and energy.



One industry’s waste may be another industry’s resource. This is also known as a circular economy.

Good master planning will also enable the preservation of what is important on the site such as trees, natural features, and areas and items of cultural significance. Flora and fauna across the Precinct have been identified, and will be protected and enhanced throughout planning and development.

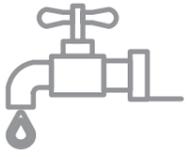
With measurable objectives relating to environmental and biodiversity elements, Parkes Special Activation Precinct will be a model for sustainable industrial use, and one which is uniquely Australian in its philosophy on embedding sustainability into land use and infrastructure planning. It is also possible to use Aboriginal design principles to enhance this commitment to cultural heritage.

It is important in planning the Precinct that events such as flood, drought, bushfire, high winds and other extreme events be taken into consideration. Even though the site has been in drought, the water flows through the Precinct have been modelled to take into account flooding and heavy rain events. This modelling also informed the best ways of managing, preserving, reusing and retaining water within the Precinct.



Courtesy of Destination NSW





CONNECTIVITY

Roads and rail

Water and waste water

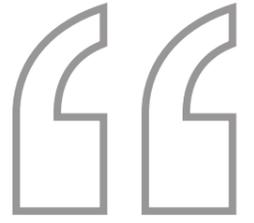
Energy and digital connectivity

Pedestrian and cycling routes

Infrastructure in the Precinct includes transport and rail connections, power and gas, digital connectivity, pedestrian and cycling routes, water including fresh water, waste water, recycling, water storage and stormwater management, and structures such as bridges, swales and culverts.

There is already infrastructure being built in the Precinct, the biggest being the inland rail project, and other works such as Pacific National's \$35 million intermodal terminal investment. The Newell Highway bypass has received \$100 million of Commonwealth Government funding to proceed.

Further infrastructure identified in the master plan will be delivered in stages to support the growth of the Precinct, along with funding priorities and meeting business drivers and needs.



Once this Inland Rail North/South meets up with the East/West... I mean the possibility is just amazing. I think Parkes is really on the verge of some major growth.

David Hughes
Commercial Property Specialist





BUILT FORM AND LANDSCAPE

Design principles for the look, feel and amenity

Public space

The Precinct will create natural entrances that are attractive and distinctive to promote a sense of arrival.

The eastern sub-precinct will act as a gateway between Parkes township and the Precinct. This may be a location for businesses that provide services and amenities to the Precinct and traffic travelling on the Newell Highway.

The Precinct will be a place where people will want to work. This will be achieved through the built form and landscaped areas that will encourage social hubs and that will attract workers and visitors with a reason for going there. This will help foster the strong sense of connection that the people of Parkes most value about where they live.

The concept for the Precinct is for campus-style buildings in landscaped settings that preserve the rural and regional character of the area.

Additionally, the rural amenity and outlooks are important and the landscape not only will be functional in terms of environmental targets, but will also look good and be relevant to each location.



I think it's infinite what can come to Parkes. We've not only got the land to do it, but we've got everything coming together. You've got road, you've got rail – we can do whatever we want.

Geoff Rice
President, Parkes Chamber of Commerce





LAND USE AND INDUSTRY

Designated sub-precinct for different uses

Business attraction and investment

Relationship between different industry types



The Precinct will create new jobs in the freight and logistics industry and optimise opportunities in the agricultural industry.

Regional suppliers will be brought closer to their customers, allowing local and regional products to be delivered across Australia and around the globe.

This will increase prosperity for Parkes, the Central West region and the State by providing more investment and employment opportunities for people in the region.

Australia's produce is seen as clean, green and safe. Efficiently connecting Australian produce to international markets will take advantage of this. The Parkes Special Activation Precinct is an opportunity for Central West producers to access new markets, enterprises and connections to efficient transport networks, at a national and international level.

There are multiple businesses that would benefit from being co-located in a true inland port, one with customs facilities for direct shipping beyond Australia. This will allow the Precinct to be a freight and logistics hub. Other business uses identified in the draft master plan include energy from waste, recycling, renewable energy, manufacturing and agribusiness uses, including food processing.

The NSW Government is focused on targeting investment attraction for Parkes, with concierge services continuing to help businesses set up and grow in the Precinct.



There is great opportunity for national distribution from Parkes. For those products that need to be stored for a period of time, but then can be distributed out to the major cities, can be centralised in places like Parkes.

Kent Boyd
General Manager, Parkes Shire Council



Next steps

The draft master plan will be on exhibition for formal comment and submissions for six weeks. Additionally, the State Environmental Planning Policy (SEPP) that relates to the Special Activation Precinct will be exhibited. After this time, all input will be considered and a final master plan prepared.

The final master plan and SEPP will be approved by the Minister for Planning and Public Spaces, and is expected to be published by the end of 2019.

The Regional Growth NSW Development Corporation will oversee delivery of the Precinct, playing a coordination and implementation role to ensure objectives are met and the best possible outcomes are achieved for the Parkes Special Activation Precinct.



I love that it's a warm country town. The people here are very friendly. It's a great place to bring up your kids.

Amanda Corcoran
Aboriginal Projects Officer, Parkes Shire Council

1

**Draft Master Plan/
Draft SEPP exhibition**
Six week exhibition

2

**Final Master Plan/
SEPP release**
Minister for Planning and Public Spaces approval. Anticipated to be made by the end of 2019

3

Precinct Delivery
Regional Growth NSW Development Corporation will be responsible for the delivery and implementation of Special Activation Precincts

For any enquiries:

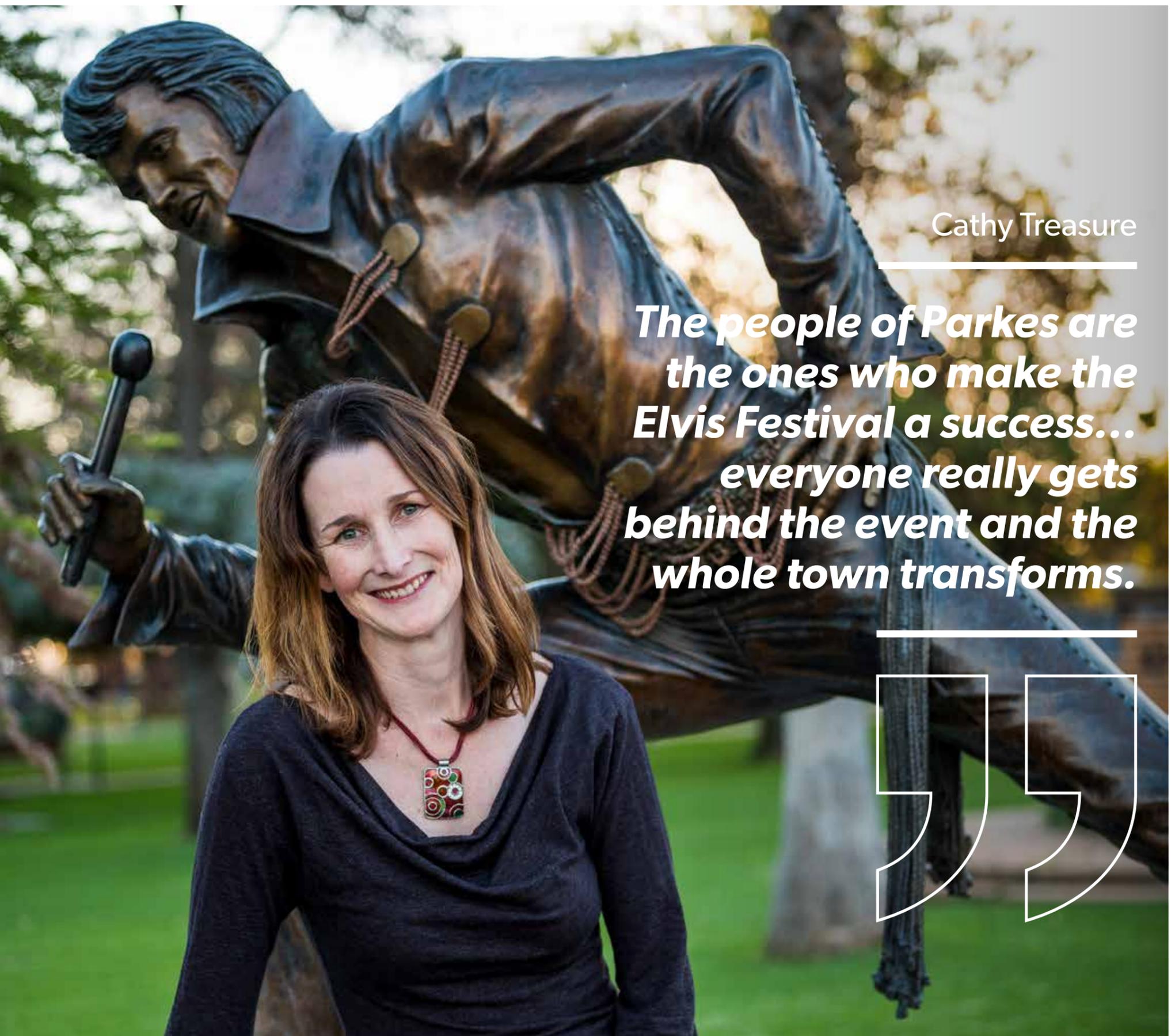
1300 REGION (73 44 66)

parkessap@dpc.nsw.gov.au

Planning Services
Department of Planning,
Industry and Environment
GPO Box 39, Sydney NSW 2001

If you'd like to make a submission during the draft master plan exhibition period you can do this online. Go to www.planningportal.nsw.gov.au/exhibition to view all documents and find the submission form.

For draft submissions:
www.planningportal.nsw.gov.au/exhibition



Cathy Treasure

The people of Parkes are the ones who make the Elvis Festival a success... everyone really gets behind the event and the whole town transforms.



CATHY TREASURE
PARKES ELVIS FESTIVAL DIRECTOR

Elvis has left the building... Well, not in Parkes! Cathy moved to Parkes three years ago to take up the position as Parkes Elvis Festival Director.

"I heard so much about the festival. It's well-known across Australia, if not the world! When I was lecturing at the University of Brisbane, I actually used the Elvis Festival as a case study, so when the job opportunity came up, I didn't have a second thought about moving to Parkes."

Cathy loves the five minute commute to work, the way the community has welcomed her and the beautiful stars at night.

"The people of Parkes are the ones who make the Elvis Festival a success. They get involved, they dress up. The business owners theme their shops, everyone really gets behind the event and the whole town transforms."

Cathy feels there are a lot more opportunities for tourism in Parkes – more festivals, more events and more tourist operators. "The impact the festival has had on the local economy shows that tourism is a great boom industry for regional areas."

Cathy doesn't rest once the festival is over. She's always on the hunt for new sponsors, new entertainers and ways to improve the festival year by year.

"My favourite Elvis song is A Little Less Conversation, A Little More Action, which is the mantra of our office pretty much everyday of the year."

Photography
Parkes Shire Council, Destination NSW

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www.nsw.gov.au/improving-nsw/regional-nsw/activation-precincts

— PARKES SPECIAL ACTIVATION PRECINCT