

# LOT. FOUR TEEN



Boundless  
collaboration



To be a world-class district delivering innovation, enterprise and global collaboration for economic, social and cultural prosperity.

## Acknowledgement of Country

Ngai / Ngadlu tampinhi ngadlu Kurna Miyurna yartangka.  
Munaintya puru purruna ngadlu-itya. Munaintyanangu yalaka  
tarrkarriana tuntarri.


We acknowledge we are on Kurna Miyurna land. The Dreaming  
is still living. From the past, in the present, into the future, forever.



Marnini-apinhi Building smoking ceremony  
as part of the building rename (July 2021).


# At a glance

Powered by its people, global district partners, and project collaborators from around the world, Lot Fourteen’s vision is underpinned by four strategic pillars:



### Economic Impact

Lot Fourteen will be a driving force for the South Australian economy, attracting new investment through partnerships and supporting education and tourism.




### Skills and Jobs

Lot Fourteen will enable people from all ages and backgrounds to access a pipeline of skills and jobs in enduring careers that respond to global demand.



### Innovation and Business Ecosystem

Lot Fourteen will drive collaboration between business, industry and research institutions to develop supply chain capability and ideas that solve global challenges.



### A Magnetic, Cultural and Engaging Place

Lot Fourteen will be a sustainable, vibrant and inclusive district which celebrates First Nations cultures, and where events and placemaking will inspire those who work and visit.

### \$753M

State and Australian Government investment\*

### \$400M

Private investment unlocked

### \$3.5B

To be generated in economic activity for South Australia by 2028

### 1,500+

Skilled workforce

### 3

Research and innovation centres

### 100+

Established businesses and organisations

### 55+

Startups

### 140k+

District visitors per year

### 700+

Events held in the district per year



# Message from The Premier

South Australia has a proud legacy of world-leading research and innovation capabilities.



**Peter Malinauskas**  
MP

Premier of South Australia

But it often takes the capacity of many to grab a single idea and transform it into a product or solution that can change lives for the better.

South Australia is in a once-in-a-lifetime position to capitalise on our economic strengths and uncover new ideas, charting a course for an economy that provides high-skilled, rewarding careers for all.

Lot Fourteen is leading South Australia's innovation economy to ensure our supply chain is as globally competitive as our economy transitions, highlighting our competitive research and development, technology and transformation value chain across these key industries.

Through the power of collaboration and its global reputation, Lot Fourteen is an indispensable partner in this vision by fostering a culture of courageous innovation that is truly world leading.

From defence, space, cyber and the enabling critical technologies that are in the national interest, the capabilities of this ambitious district reflect the state's key priorities.

A collective force for change, Lot Fourteen is helping to inject innovation into the economy of the future, improving wellbeing and opportunities for all South Australians.

Our planning for Lot Fourteen began in 2015 and through valued partnership

“  
**My Government welcomes you to Lot Fourteen; where we can work together to propel South Australia forward.**”

with the Australian Government, industry, universities and private investors, it has become a cornerstone of South Australia's maturing network of innovation assets.

Global companies are recognising the impact of partnering with our research institutions and universities to transfer knowledge into new businesses and solutions across key industries.

My Government is committed to supporting Lot Fourteen and its district partners to foster the next wave of innovation to deliver the skills and job pathways for future generations and position South Australia for a brighter future.

For more than 65,000 years, the land where Lot Fourteen stands has been integral to the Kurna people. We pay respect to Australia's cultural heritage as we advance the awareness, knowledge, preservation and teaching of First Nations cultures and languages, providing a platform for business and employment opportunities for First Nations people.

# Message from The State Project Lead

Set in the heart of Adelaide, one of the world's most liveable cities, Lot Fourteen is a world-class innovation district dedicated to driving productivity in emerging industries and solving complex global challenges.

Overlooking the Adelaide Botanic Gardens and close to bustling entertainment and cultural precincts, Lot Fourteen is inspiring ingenuity through the power of collaboration, to attract and accelerate investment across key industries of defence, space, cyber, critical technologies and creative industries.

Home to more than 1500 people in 150 organisations, the dynamic community is expected to reach more than 6000 by 2028 with capital and operating expenditure expected to generate \$3.5 billion in economic activity for South Australia.

Currently, the district is a juxtaposition of grand historic buildings and modern ambition. This is where you will discover organisations such as Australia's Space Agency and the Australian Cyber Collaboration Centre working alongside global companies including Amazon Web Services, Airbus and Cisco.

These global brands and South Australia's renowned universities on our doorstep are supporting ambitious startups to commercialise cutting-edge research and drive productive,

“  
**A combined \$759 million investment from the Government of South Australia and the Australian Government is backing knowledge intensive industries that are transforming South Australia's economy, providing high-value jobs.**”



**Diane Dixon**

State Project Lead, Lot Fourteen

Department of the Premier and Cabinet

innovative and competitive global solutions.

This public sector investment supports exciting major projects, including the privately owned flagship \$400 million Entrepreneur and Innovation Centre (working name) incorporating a \$20 million Innovation Hub, Tarrkarri - Centre for First Nations Cultures, the \$60 million digital technologies training facility, and The Circle - First Nations Entrepreneur Hub.

I welcome you to explore Lot Fourteen. Together we can shape the future.

## Critical Technologies at Lot Fourteen

Critical technologies includes advanced manufacturing and materials technologies, AI technologies, advanced information and communication technologies, quantum technologies, autonomous systems, robotics, positioning, timing and sensing, biotechnologies, clean energy generation and storage technologies.

# South Australia's advantage

At Lot Fourteen, partnerships between government, industry, business and research organisations are delivering outcomes for innovation and investment.

- Adelaide is ranked amongst the world's most liveable cities - Economist Intelligence Unit's Global Liveability Index 2022
- Australia's new fleet of SSN-AUKUS nuclear-powered submarines will be built in Adelaide
- The Australian Government's Australian Space Agency (ASA) national headquarters are based at Lot Fourteen
- Australian Institute for Machine Learning (AIML) of the University of Adelaide, is internationally regarded for its computer vision research
- South Australia is home to 4 renowned universities which are repeatedly and firmly in the top 2 per cent of universities globally
- The \$20m Centre for Augmented Reasoning—headquartered with AIML—is helping to build the AI expertise Australia needs to compete in the machine learning-enabled global economy
- The Australian Research Centre for Interactive and Virtual Environments (IVE), is home to two of the world's top five ranked Augmented Reality professors (#1 and #4).
- South Australia's STEM research impact compares to leading OECD countries
- South Australia is the location for national industry-led Cooperative Research Centres » SmartSat CRC (Lot Fourteen) » Digital Health CRC » Marine Bioproducts CRC » Heavy Industry Low-carbon Transition CRC (Lot Fourteen)
- South Australia's startup ecosystem has grown by 347 per cent with estimated value of \$1.56B since 2020
- The South Australian government is collaborating with Massachusetts Institute of Technology (MIT) Connection Science, South Australia is to provide data analytics capabilities to established and expanding global technology companies
- The state is at the vanguard of the global energy transition, currently with a 70 percent renewable energy penetration and on target to meet 100 percent net renewable energy by 2030.
- The South Australian Government has committed \$20 million to build a common user facility (CUF) at Lot Fourteen to support the space industry



## 01. CASE STUDY - First state-owned satellite in Australia built at Lot Fourteen

Improving and monitoring water quality, crop health and bushfire resilience are all outcomes for Kanyini, a \$6.5 million, ground-breaking South Australian space services mission lifting off in 2024.

The satellite, built at Lot Fourteen, will become the first to be launched into space by an Australian state government.

The Government of South Australia is partnering with South Australian space industry companies to send the locally manufactured small satellite into low Earth orbit.

Headquartered at Lot Fourteen, the SmartSat Cooperative Research Centre (CRC), is leading the mission and application prototyping.

Two other Lot Fourteen tenants are working on the mission. Inovor Technologies is designing, building

and testing the satellite and Myriota is providing Internet of Things (IoT) capability.

The information gathered by the satellite will provide valuable intelligence from across the state's vast landscape and will be used for applications including emergency service and disaster management response, mining, and environmental monitoring.

The Kanyini mission will strengthen the competitiveness of South Australian businesses in the small-satellite supply chain, further our national endeavours to build sovereign EO capability and expand Australia's satellite design and manufacturing expertise.



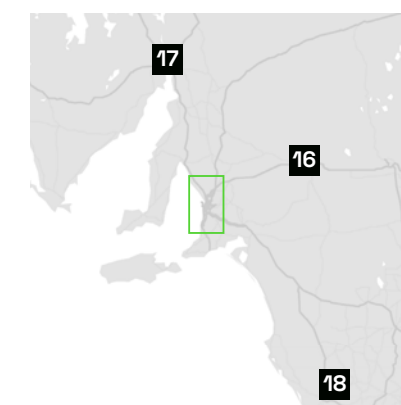
# Leading Innovation Model

# South Australia Innovation Ecosystem

Listed from CBD to furthest:

- 1 Lot Fourteen**  
Adelaide CBD, corner of North Terrace and Frome Road
- 2 UniSA East Campus**  
Adelaide CBD east, North Terrace
- 3 University of Adelaide North Terrace Campus**  
Adelaide CBD, North Terrace
- 4 Flinders University Festival Plaza**  
Adelaide CBD, North Terrace
- 5 UniSA West Campus**  
Adelaide CBD west, North Terrace
- 6 Adelaide BioMed City**  
Adelaide CBD, North Terrace
- 7 University of Adelaide Waite Campus**  
Urrbrae, 6.5km south-east of CBD
- 8 Tonsley Innovation District**  
Tonsley, 10km south of CBD
- 9 Flinders University Bedford Park**  
Bedford Park, 12km south of CBD
- 10 Flinders Village - Health and Medical Precinct**  
Bedford Park, 12km south of CBD
- 11 Technology Park**  
Mawson Lakes, 17km north of CBD
- 12 UniSA Mawson Lakes Campus**  
Mawson Lakes, 17km north-east of CBD
- 13 Osborne Naval Shipyard**  
Osborne, 26km north-west of CBD
- 14 Edinburgh Defence Precinct**  
Edinburgh, 35km north of CBD
- 15 University of Adelaide Roseworthy Campus**  
Roseworthy, 61km north-east of CBD

## Future Opportunities



- 16 University of Adelaide ThincLab Loxton**  
Loxton, 256km north-east of CBD
- 17 Whyalla - Green Hydrogen, CleanTech, Renewables**  
Whyalla, 385km north-west of CBD
- 18 Mount Gambier Education and Training Precinct**  
Mount Gambier, 436km south-east of CBD

- Innovation Districts
- Business Parks
- Manufacturing Precincts
- Universities/ Higher Education

South Australia is leading the nation's innovation economy by strategically centralising the State's Innovation Ecosystem and innovation assets as the catalyst to stimulating valuable international knowledge transfer and collaboration across multiple focus sectors.

Under the model, led by Lot Fourteen and the Department of the Premier and Cabinet, innovation districts are forging closer connections to leverage significant infrastructure, investment, education, skills and workforce programs.

The South Australian and Australian Governments, as well as industry, education, and research organisations, have significantly invested in the state-wide innovation network that will support skilled employment of approximately 44,000 people.

## Globally Connected

As a member of the Global Institute on Innovation Districts global network, Lot Fourteen is connected and integral to the collaboration through connections and peer-learning that supports South Australia's world-class research excellence.



Australian Space Discovery Centre, Lot Fourteen, North Terrace, Adelaide, South Australia.





# Where the Stars Align



Lot Fourteen, corner of North Terrace and Frome Road, Adelaide, South Australia.

Uniting global companies, startups and research institutes; Lot Fourteen harnesses inventiveness and ambition to inspire new explorations in a dynamic connected ecosystem where ideas and solutions flourish.

The 7-hectare district fosters the innovation and collaboration of businesses and organisations working across the defence, space, cyber, critical technologies and creative industries in an environment that inspires workers, students and visitors alike.

Organisations at Lot Fourteen benefit from:

- Placement at the centre of South Australia's world-leading innovation and technology capabilities right in the Adelaide CBD.
- Working alongside the Australian Space Agency, Australian Cyber Collaboration Centre, Australian Institute for Machine Learning, Stone & Chalk start-up hub and The Circle – First Nations Entrepreneur Hub.
- Join global powerhouses including Amazon Web Services and Airbus.
- Co-location with the future \$60 million digital technologies training facility and access to a direct pipeline of skilled digital technologies professionals.
- Co-location with the future Tarrkarri – Centre for First Nations Cultures and a rich district cultural program.

- Access to district specialised intermediary and commercialisation services (commencing late 2023) designed to increase collaboration, build capability, innovate and participate in globally competitive markets.
- District-wide security protocols to manage digital resilience including cyber security, counter foreign interference and physical infrastructure.
- Future Entrepreneur and Innovation Centre (EIC) tenants will have priority access to the \$20 million 'Innovation Hub' research space, technology showcase, common areas, meeting rooms, collaboration zones and event spaces.
- District-wide digital infrastructure that facilitates or enables:
  - 5G service provision to enable the development of technology solutions reliant on highspeed wireless network.
  - High speed, high-capacity public Wi-Fi.
  - Communications pathways and infrastructure to facilitate multiple fibre links and provide fast networks for both tenants and telecommunications providers.
  - Secure and segmented information facilities to facilitate voice and data communication that require various levels of sensitivity and resilience.
  - Cloud services and off-site data centre connectivity.
  - Integrated district-wide digital platform for enhanced workforce and visitor connectivity and experience.

## Strategic partners



“ The dynamic environment of Lot Fourteen harbours a flourishing innovator ecosystem that presents opportunities to scale impact through collaboration. ”

Matthew Salier, Chief Executive Officer, Australian Cyber Collaboration Centre

## Key tenants



“ The precise curation of motivated and complementary technology organisations, underpinned by a melting-pot of talented and motivated expert individuals, makes Lot Fourteen the perfect epicentre for space, defence and cyber security in the Asia Pacific region. ”

Julie Bowen, Senior Vice President for Operations and Outreach and Chief Legal Officer - MITRE Corporation



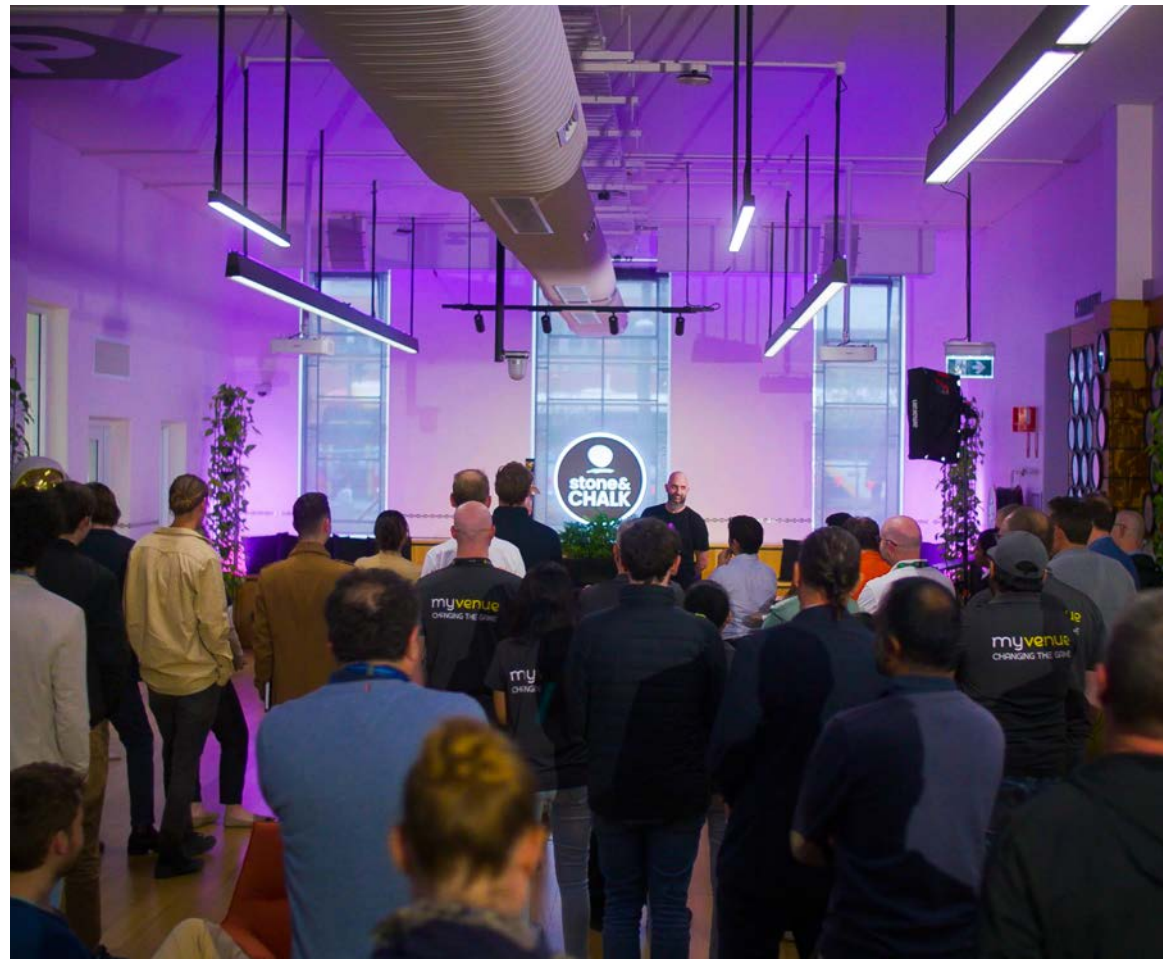
## Affiliate partner





# The Formula for Success

Lot Fourteen-based organisations get the advantage of being co-located next to some of Australia's brightest minds, leading research institutions, cutting-edge technology and world-leading companies.



Stone & Chalk Adelaide Startup Hub, Marnirni-apinithi Building, Lot Fourteen, North Terrace, Adelaide, South Australia.

Lot Fourteen tenants receive ongoing, bespoke services for business growth including Government of South Australia market intelligence, business, networking and collaboration opportunities, connection with industry and business, the state wide innovation ecosystem and research and development partners.

Talent attraction is key for our tenants, who can leverage university partnerships to strengthen talent pipelines, and link to a structured government program to access graduate talent. For those onsite,

Lot Fourteen offers curated district-only events, activations and wellness programs, access to job portals, flexible event, meeting and shared common spaces and alignment to Lot Fourteen's environmental and social commitments.

Tenants also benefit from marketing and communications opportunities including sharing content across media partnerships and marketing channels, assistance with PR opportunities and opportunities for profiles in Lot Fourteen's Boundless magazine.

## 02. CASE STUDY - Collaboration supports successful launches

Terrestrial and space weather directly impact unmanned space missions which have a 30% launch failure rate.

To tackle this, the Bureau of Meteorology has developed a new program in collaboration with launch operators, including Lot Fourteen tenants Equatorial Launch Australia and Southern Launch, offering expertise in both

terrestrial meteorological and space weather intelligence.

The Bureau's Spaceflight capability gives space launch operators direct access to local data and meteorological expertise to support improved and high-quality decision-making.

Southern Launch's, Chief Executive Officer, Lloyd Damp

stated that receiving timely forecast data was a vital contribution in helping to ensure a safe launch experiment, assisting them in selecting optimal launch times and predicting trajectories.

The Bureau is also collaborating with regulator, the Australian Space Agency, whose headquarters is also located at Lot Fourteen.



Responsive Space Operations Centre, Australia Space Discovery Center, Lot Fourteen, North Terrace, Adelaide, South Australia.



# Lot Fourteen District Overview



Lot Fourteen, North Terrace, Adelaide, South Australia (indicative April 2022).

- 1

**TechCentral**  
Critical technologies and creative industries focus
  - Australian Cyber Collaboration Centre
  - The Circle – First Nations Entrepreneur Hub\*
- 2

**Margaret Graham Building**  
Defence, space and critical technologies focus
  - Defence and Space Landing Pad
- 3

**Australian Institute for Machine Learning**  
Artificial intelligence and machine learning focus
  - The University of Adelaide research institute
  - Centre for Augmented Reasoning
- 4

**Marnirni-apinthe Building Startup Hub**  
Entrepreneur hub and critical technologies focus
  - Office of the South Australian Chief Entrepreneur
  - Stone & Chalk Adelaide
- 5

**McEwin Building**  
Defence and space focus
  - Australian Space Agency
  - Australian Space Discovery Centre and Mission Control Centre
  - SmartSat CRC
- 6

**Bice Building**  
Critical technologies focus
  - Good Neighbour Deli
  - Showcase Gallery
- 7

**Sheridan Kiosk**
  - Community café and bar
- 8

**Tarrkarri - Centre for First Nations Cultures\***  
*Scheduled opening TBA*
- 9

**Entrepreneur and Innovation Centre and Innovation Hub (working name)\***  
Defence and critical technologies focus
  - Industry, research and commercialisation hub*Scheduled opening 2025*
- 10

**Future development opportunity**
- 11

**SpaceLab**  
Space and critical technologies focus
  - CORE Innovation Hub
- 12

**Future development opportunity**
- 13

**Location of Digital Technologies Academy (working name)\***  
*Scheduled opening 2026*

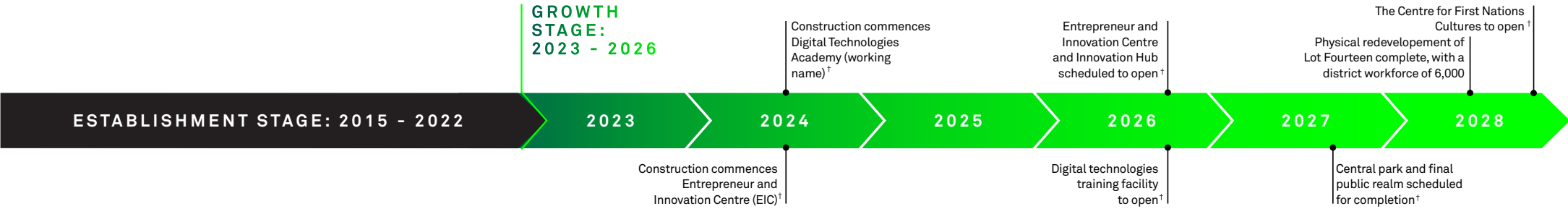
\* Adelaide City Deal project

“ We believe that the collaborative environment at Lot Fourteen has incredible potential to encourage innovation and spark inspiration between different teams, organisations and sectors – in one location. ”

Brendan Hopper,  
CIO for Technology,  
Commonwealth Bank

## Indicative project timeline

With a combined \$753 million investment from the South Australia Government and the Australian Government, Lot Fourteen is excited to deliver these projects as part of the 10-year Adelaide City Deal partnership.



† Forecasted project schedule - subject to change.





Sculpture, One: all that we can see by Sundari Carmody. Picture by Sam Roberts.

# A sustainable frontier

South Australia is recognised globally as a leader in environmental sustainability and reducing greenhouse gas emissions, and Lot Fourteen is demonstrating this commitment on a pathway to net zero through district design and operations initiatives that include:

- Approximately 70 per cent of the 7-hectare district will be returned to publicly accessible space.
- Extensive landscaping with more than 22,000 shrubs and plants and 450 trees planted by 2028.
- Reduced transport emissions through pedestrian and bicycle-friendly, low-car design with easy access to Adelaide's public transport network.
- District-wide digital infrastructure that enables 'Smart Cities' projects for improved workability, productivity and sustainability.
- Energy efficient 6 Star Green Star certified heritage buildings adaptively upgraded for climate resilience.
- Majority electric operations with tenant access to affordable renewable energy.
- Electric vehicle (EV) charging bays available in the public car park.

Lot Fourteen is a demonstration case study in the Green Industries SA discussion paper 'Circular Economy in South Australia's Built Environment'. We are contributing to the circular economy through:

- Connection to the Glenelg to Adelaide Park Lands (GAP) recycled water project by 2025.
- 98 per cent of all demolition and construction materials to date have been recycled.
- Promoting waste recycling through efficient centralised waste management.

The district has achieved 6 Star Green Star Communities rating from the Green Building Council of Australia, acknowledging Lot Fourteen as a world-leading urban redevelopment and one of the most sustainable districts of its type in the nation.

We are the first global standard WELL Community to be pre-certified by the international WELL Building Institute in the southern hemisphere, recognising our efforts in creating spaces that enhance human health and well-being.

## 03. CASE STUDY - Globally competitive project under construction

Neoen's flagship project known as Goyder Renewables Zone, a hybrid wind, solar and storage project, located near Burra in South Australia's Mid North region. The exceptional wind resources of the area are making this project world-class in terms of both size and competitiveness.

Neoen, based at Lot Fourteen, is building world-class scheme, the \$6 billion Goyder South project, which has approval for 1200 MW of wind, 600 MW of large scale solar, and battery storage of up to 900 MW.

The battery component, the Blyth Battery, will mainly be deployed in

combination with Neoen's Goyder South Stage 1 wind farm to deliver renewable baseload energy for BHP's Olympic Dam operations, one of the world's most significant deposits of copper, gold and uranium.



Sculpture, Winds of Chang by Karl Meyer.



# From past to future



Kaurna Elder, Uncle Jeffrey Newchurch, leading a smoking ceremony as part of the Tarrkarri Project Launch (December 2021).

Lot Fourteen is committed to the advancement and empowerment of First Nations Peoples.

Located on Kurna Yerta (Kurna Country), the land occupied by Lot Fourteen was an integral site to the Kurna people as a place for camping and ceremony, between the banks of Karrawirra Parri (River of the Red Gum forest, River Torrens) and the waterholes of Kaika Wirra (Eucalypt forest, Adelaide Botanic Garden). The areas around Lot Fourteen continued to provide refuge for the Kurna community; a place to practice culture for many years after the arrival of the Colonial settlers.

Between 1855 and 2017, the Royal Adelaide Hospital was located here, before relocating alongside Adelaide Biomed City in the West End. Its move providing a once-in-a-lifetime opportunity to redefine this place and pay respect to Australia's cultural heritage.

We have embedded Aboriginal Economic Participation opportunities throughout the development and operation of the district, providing a platform for First Nations business and employment opportunities at Lot Fourteen.

Home to the future Centre for First Nations Cultures – Tarrkarri

will tell the stories of the oldest living culture in the world in a way never seen before, presenting the defining moments of Australia's past and present while connecting global First Nations in their commonality and voice.

“  
Lot Fourteen is about the future. What Tarrkarri is talking about is a future embracing the journey we have been on for 60,000 years and valuing that as we go forward.”

David Rathman AM, PSM – Project Ambassador, Tarrkarri - Centre for First Nations Cultures

## 04. CASE STUDY - AI predicting purchasing patterns at major sporting events

MyVenue has partnered with the Australian Institute for Machine Learning (AIML) to develop an algorithm that predicts food and drink sales in stadiums & arenas.

Their Point of Sale technology is purpose-built for sports & entertainment venues, where food and drinks are sold to massive crowds. The tech scale-up is rapidly gaining market share in the United

States, processing transactions for events like Super Bowl LVII and the Miami Grand Prix.

Processing millions of transactions annually, MyVenue records de-identified data on every sale, including what was purchased, when it was purchased, what concession stand or bar it was purchased from, and how it was paid for.

Although at the early stages of development, this collaboration with AIML involves developing an algorithm that can turn this data into accurate forecasts. This will allow venues to more efficiently manage their food and beverage stock and labour resources, reduce operating costs, and provide a better experience for fans: a win-win!



Australian Institute for Machine Learning (AIML), Lot Fourteen, North Terrace, Adelaide, South Australia.



# A place for everyone

LOT FOURTEEN - Corporate Brochure 2023



Illuminate Adelaide 2022, Lot Fourteen, North Terrace, Adelaide, South Australia.

A magnet for innovation, science and technology, Lot Fourteen's ambition is to be a national and international drawcard for hundreds of thousands of visitors each year drawn to its curated public and cultural spaces.

Positioned within Adelaide's CBD on North Terrace's cultural boulevard, Lot Fourteen is changing the city landscape. The district is a short stroll from the Art Gallery of South Australia and SA Museum, and the bustling East End shopping and entertainment precinct.

Nestled within 20,000sqm of surrounding landscaped gardens,

and directly overlooking the Adelaide Botanic Garden, Lot Fourteen's historic buildings – once part of South Australia's biggest public hospital – are now bustling with the State's smartest entrepreneurs, researchers, students and go-getters.

Alongside them will rise landmark buildings the Entrepreneur and Innovation Centre and Innovation Hub and Tarrkarri – The Centre for First Nations Cultures.

Our open public spaces, plazas, park and public art trail will offer an inner-city space to ignite imaginations or simply relax and recharge.

Or join in one of more than 700 events, workshops, seminars, health and wellness programs, major festivals and community activities that are held at Lot Fourteen each year.

Amongst all of this is our local Community café and bar and newcomer to the district Good Neighbour Deli, where great coffee, food and after work drinks can be found.

There is something here for everyone.

Boundless  
collaboration



Corner North Terrace and Frome Road  
Adelaide SA 5000

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