

# CITY DEAL PROSPECTUS



Regional  
Development  
*Australia*

ILLAWARRA

## ILLAWARRA - SHOALHAVEN



The Illawarra-Shoalhaven City Deal will deliver transformative change to the region and generate over 12,000 jobs and billions in revenue from key sectors of Aviation, Marine, Visitor Economy, Waste Management, the Arts and Civic Infrastructure

The parties below all agree to the projects identified in this Prospectus, which was developed collaboratively.



A division of NSW Business Chamber



# SUPPORT FOR A CITY DEAL

We are proud to endorse and support a City Deal for the Illawarra-Shoalhaven. Delivery of a transformative inter-regional City Deal enables growth for not only the Illawarra-Shoalhaven economies but also the growth of Greater and Western Sydney. It will expand trade linkages between regional NSW and Western Sydney to the Port of Port Kembla, which is the NSW port of growth and the state's second container port.

The range of projects proposed in this Illawarra-Shoalhaven City Deal will deliver transformative infrastructure, better position our NSW South Coast Visitor Economy and secure our long-term economic resilience. They will generate over 12,000 jobs and billions in revenue for the NSW economy.

RDA Illawarra is a neutral broker that has worked collaboratively with the Illawarra-Shoalhaven Joint Organisation (ISJO) as well as other stakeholders in local government, university, industry peak bodies and the private sector to develop this City Deal. The result is a unified, agreed range of economic transformative projects which, when approved as a City Deal by the NSW and Federal governments, will catalyse our economic development.

This Illawarra-Shoalhaven City Deal aligns the planning and investment required to accelerate growth, create jobs and drive economic reforms. Building the projects from our Illawarra-Shoalhaven grass-roots stakeholders provides State and Federal governments with a solid regional platform on which to secure the future prosperity and liveability of our Cities in the South and South West of NSW.



**Eddy De Gabriele**  
Chair, RDA-Illawarra



**Gordon Bradbery AM**  
Chair, ISJO

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# ILLAWARRA- SHOALHAVEN REGION AT A GLANCE

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PROSPECTUS

Gross Regional Product:

**\$20.25B**

3.4% of NSW GSP

## Education

25,600 UOW students

64 start-ups in  
iAccelerate

7 TAFE campuses



Eight hospitals in  
Local Health District

**7,300+** staff  
**391** researchers



Labour Force

**176,000**

workers

Nearly **5%**  
of NSW labour

Current Population:

**415,688**

Projected 2041: **504,910**

## Businesses

Wollongong 13,899

Kiama 1,962

Shellharbour 3,442

**ILLAWARRA**

**19,303**



**SHOALHAVEN**

**7,303**



Large talent pool

**26,000**

daily commuters to Sydney

**9,000**

Professionals & Managers

Port of Port Kembla:

**\$760M**

to NSW economy



Supports

**5,200** jobs



Largest vehicle import  
terminal in NSW



Albatross Business  
Area supports

**6,349** jobs



Tourism

**\$1.6B**

in tourist expenditure

**8M+** visitors  
per year **9% increase YoY**

# CITY DEAL CONTEXT



Illawarra-Shoalhaven is the second major trade gateway for Greater Sydney. To achieve jobs and growth within our region we need to enhance connectivity with Western Sydney and regional NSW, create investment in manufacturing and service industries and capitalise on our visitor economy.

The Port of Port Kembla is an asset of national significance, critical to the future economic growth and development of NSW. Port Kembla is currently underutilised and is deemed by NSW Ports as the state's second container port and a 'NSW port of growth'. Freight in Greater Sydney is set to double in the next 40 years, most of the growth is in the west and south-west of Sydney. The freight and passenger rail corridor developed through the City Deal investment in the South West Illawarra Rail Link (SWIRL) will reduce freight on the South Coast rail line and enable increased direct passenger movements to and from Western and Greater Sydney, which is a significant daily commuter corridor for over 26,000 people.

Population growth in South West Sydney will see an additional 70,000+ households within 50 kilometres of Wollongong by 2031. Enhancements to major road corridors, such as duplication of Picton Road, upgrades to Mount Ousley Road and interchange and access for residents of new housing developments from the southern extension of the M1 are a key part of the City Deal framework – providing access to the transformative infrastructure it delivers.

Job creation in Advanced Manufacturing is targeted through the expansion of the Albatross Aviation Technology Precinct at Nowra. Better road and rail access resulting from the Illawarra-Shoalhaven City Deal will attract investment in manufacturing, green energy, ICT and tourism in the bushfire-affected South Coast.



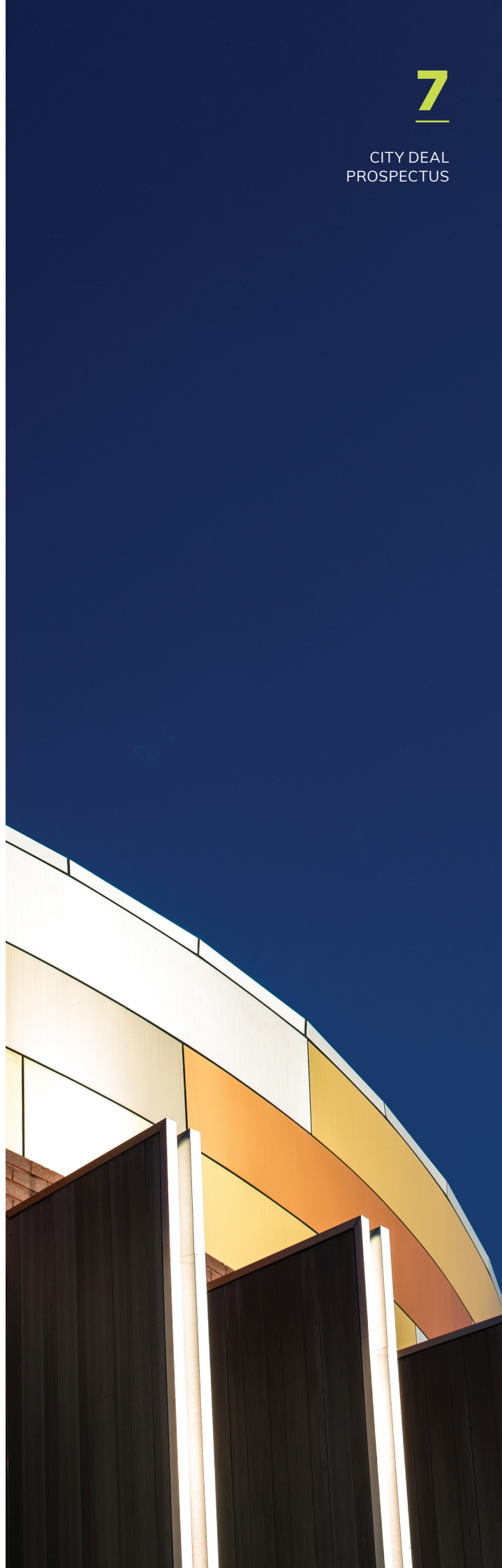
Visitor economy opportunities will be derived through unlocking tourism and social infrastructure in the region, including upgrades to the Wollongong Entertainment & Convention Centre precinct, development of Kiama's Arts and Cultural hub, development of the river-front at Nowra and the creation of a Marine Infrastructure Network ('Blue Highway') linking Sydney with the South and Sapphire Coasts. Illawarra-Shoalhaven offers not only lifestyle benefits but is also the 'beach' and playground for people from Western Sydney.

Failure to deliver infrastructure to meet the growing freight and population challenges will condemn future generations in Greater Sydney to an increasingly congested and costly import-export network. Waiting until the South Coast passenger and freight line hits capacity, or until congestion worsens on Sydney's already pressured road network is not the answer.

Illawarra-Shoalhaven is part of a network of cities across the Sandstone Megaregion and plays an important role in supporting the future growth of Greater Sydney. This Illawarra-Shoalhaven City Deal is a winner for NSW and Australia - creating jobs and growth within the region and beyond, reducing congestion in Western Sydney and creating better import/export market access.

Delivery of the projects in the proposed Illawarra-Shoalhaven City Deal will have a transformative impact on the regional economy. The strategic objectives of the Illawarra-Shoalhaven cities are to create over 12,550 high-quality jobs in the next decade by delivering investment in key industries that attracts new businesses and retains employees as residents in one of Australia's most liveable regions.

Growth potential is currently constrained by a lack of investment to unlock the local economies. Additional investment from Federal and NSW governments in transformative infrastructure will allow the Illawarra-Shoalhaven to reach its full potential as a much needed 'release valve' for a congested Sydney.





# CITY DEAL OUTCOMES

## REDUCED CONGESTION

**12,550**  
NEW JOBS

ENHANCED  
ECONOMIC  
RESILIENCE

IMPROVED  
VISITOR  
ECONOMY

BETTER  
ROADS & RAIL  
LINKAGES

▶ **ADVANCED MANUFACTURING  
SMART CITY  
WASTE MANAGEMENT REDUCING LANDFILL BY 90%**

▶ **BLUE  
HIGHWAY**

▶ **LIVEABILITY  
REDUCED CONGESTION**

The Illawarra-Shoalhaven City Deal projects agreed by key stakeholders are intended to deliver transformative infrastructure, a vibrant and more bushfire-resistant visitor economy as well as economic resilience.

Road and rail linkages to Sydney and Western Sydney are key enablers – promoting the transport of goods to key markets or export ports and facilitating the movement of people into commercial centres or to liveable leisure locations. The Illawarra-Shoalhaven City Deal delivers those future-building road and rail linkages as the foundation for other transformative infrastructure.

Development of critical entertainment and commercial infrastructure in the regional cities will see a boost to the visitor economy and its expansion to encompass more convention attendance and an increase in major events – as well as delivering a more liveable space for residents. Creation of a Blue Highway (Marine

Economy) will deliver alternative (and bushfire-resilient) tourist options, opportunities to link with existing and emerging industry or technology as well as indigenous culture.

Improved transport and infrastructure will deliver more jobs to the region, but this City Deal also targets higher-quality roles; creating jobs in Advanced Manufacturing and emerging industries by the expansion of Technology Precincts – many of which will go to apprentices and local graduates. Adoption of digital technology through Smart City Projects will not only support the creation of higher-quality jobs in ICT, but deliver more liveable cities through better data and resource management.

Finally, the environment will be improved by better management of waste streams and the creation of a circular economy. This City Deal will reduce the Shoalhaven's amount of waste to landfill by over 90% and create recycled products for re-use in the circular economy.





# PRIORITY ACTION AREAS

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**TRANSFORMATIVE INFRASTRUCTURE**

Develop Stages 5 & 6 of Albatross Aviation technology Precinct (\$12M)

Access to M1 at Tripoli Way, (\$30M)

Develop SWIRL Business Case (\$30M)  
Picton Road Duplication + Mt Ousley Interchange (\$450M)

**VISITOR ECONOMY**

Deliver Nowra Riverfront Precinct (\$21M)

Deliver Kiama Arts & Cultural Precinct (\$17M)

Redevelop Wollongong Entertainment Precinct (\$170M)

**Develop Regional Marine Infrastructure Network (Blue Highway) - \$42M**

**ECONOMIC RESILIENCE**

Circular Economy & Reduce Waste to Landfill (\$102M)

**Implement Smart City Projects (\$1M)**

# ALIGNMENT WITH EXISTING PLANS

## Federal Government

**Smart Cities Plan** – The proposed Illawarra-Shoalhaven City Deal meets the key criteria outlined in the Australian Government’s Smart Cities Plan, to “...prioritise projects that meet broader economic and city objectives such as accessibility, jobs, affordable housing and healthy environments.”

**Infrastructure Australia’s Priority List** – The upgrading of Picton Road to improve connectivity to South West Sydney is a Priority Initiative in the Infrastructure Australia Priority List. Duplication of Picton Road and Mt Ousley Road (Princes Motorway), along with an improved Mt Ousley interchange is envisaged as part of the Illawarra-Shoalhaven City Deal, given the projected growth in traffic between Illawarra-Shoalhaven and south-west Sydney and the new Aerotropolis.

Improved freight rail access to Port Kembla is also listed as a Priority Initiative. The proposed Illawarra-Shoalhaven City Deal includes the development of a business case for the alternative rail alignment of the South West Illawarra Rail Link (SWIRL). This transformative project will accommodate both freight and passengers, providing a direct and efficient rail link to the fastest growing economy in Australia, Western Sydney.

## NSW Government

**Illawarra-Shoalhaven Regional Plan** – This recognises the importance of the region and its contribution to NSW and Australia. “Much of the future prosperity of the region will be built on the potential to generate jobs from the integration of education, health care, business and tourism precincts...”

### Western Sydney and Illawarra Shoalhaven Roadmap to Collaboration

The Roadmap acknowledges that these two regions are closely-linked and will both be transformed over the coming decades due to population growth, a massive infrastructure program and the evolution of local industries and skills.

The connectivity-based projects that form part of the proposed Illawarra-Shoalhaven City Deal such as inter-regional road upgrades, access to housing and SWIRL, will be critical if the two regions are to maximise the economic and social benefits from collaboration.

## Local Government

**360 Illawarra Shoalhaven Economic Outlook** – This Joint Organisation report highlights the strategic positioning of Illawarra-Shoalhaven within the Sydney-Canberra corridor. “The region’s proximity to Sydney, the rapidly expanding Western Sydney area and Canberra means it is strategically positioned to connect to some of the fastest growing labour markets and economies in the country. Leveraging this locational advantage is critical if the region is to continue diversifying, innovating and driving economic growth in New South Wales.”

**Illawarra Shoalhaven Smart Region Strategy** – recognises the significant opportunities that can be seized in becoming a Smart Region.

**Economic Development Plans** – Key themes across the region are to attract and retain business, increase the number and quality of jobs, enhance liveability, develop (bushfire-resilient) tourism and capitalise on digital connectivity. The Illawarra-Shoalhaven City Deal identifies a number of transformative projects that support the achievement of these strategic outcomes.

**Community Strategic Plans** - Summarise the local community’s vision for the area where they live and include topics of liveability, local economy, growth, infrastructure development and interaction with Sydney and Western Sydney



# CITY DEAL PROJECTS SUMMARY

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CITY DEAL  
PROSPECTUS

VISION

**A connected, diverse and resilient economy for the Illawarra-Shoalhaven**

OBJECTIVES

- Create regional employment
- Improve freight and passenger connectivity with Sydney and Western Sydney
- Develop bushfire-resistant visitor economy
- Deliver transformative infrastructure to complement objectives
- Improve liveability in the region

THEMES

## TRANSFORMATIVE INFRASTRUCTURE

## VISITOR ECONOMY

## ECONOMIC RESILIENCE

PROJECT/  
INITIATIVE

Develop Business Case  
for South West Illawarra  
Rail Link (SWIRL)  
**\$30M**

Complete Picton Rd  
Duplication, Mt Ousley  
Interchange and widening.  
**\$450M**  
(\$180M + \$270M)

Access to the M1 Extension  
at Tripoli Way, Albion Park  
**\$30M**

Develop Stages 5 & 6  
of Albatross Aviation  
Technology Precinct  
**\$12M**

Redevelop Wollongong  
Entertainment  
Precinct  
**\$170M**

Develop Regional Marine  
Infrastructure Network  
(Blue Highway)  
**\$42M**

Deliver Kiama Arts &  
Cultural Precinct  
**\$17M**

Deliver Nowra  
Riverfront Mixed-Use  
Precinct  
**\$21M**

Implement Smart  
City Projects  
**\$1M**

Circular Economy &  
Reduce Waste to  
Landfill  
**\$102M**

**\$522M**

**\$250M**

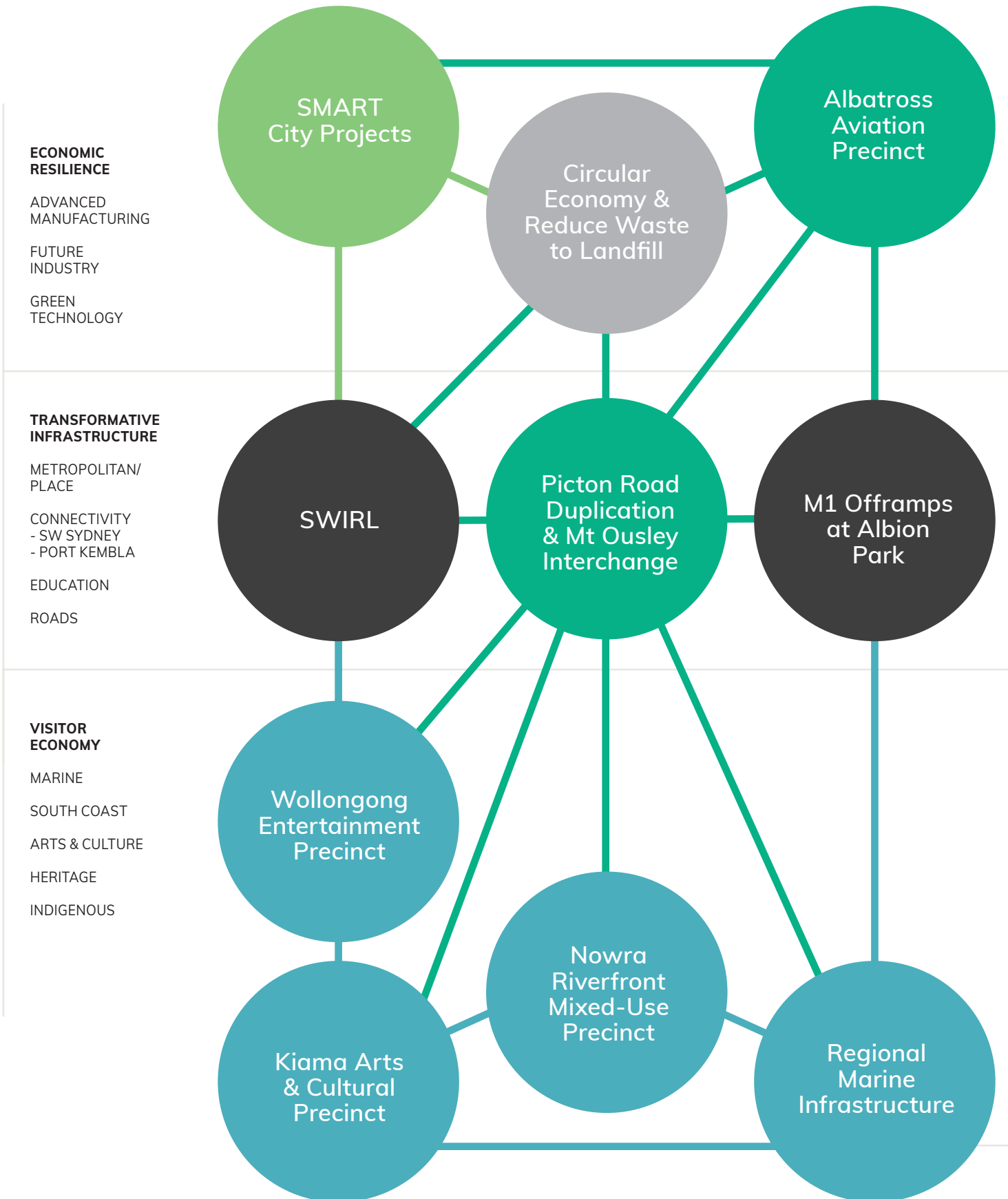
**\$103M**



# PROJECTS IMPACT

	Economic transition	Jobs	Housing	Transport	Liveability
South West Illawarra Rail Link (SWIRL)	●	●	●	●	●
Picton Road Duplication & Mt Ousley Interchange/Widening	●	●	●	●	●
M1 Offramps at Albion Park		●	●	●	
Stages 5 & 6 of Albatross Aviation Precinct	●	●			
Wollongong Entertainment Precinct	●	●			●
Regional Marine Infrastructure Network	●	●		●	●
Kiama Arts & Cultural Precinct	●	●			●
Nowra Riverfront Mixed-Use Precinct	●	●	●		●
Smart City Projects	●	●			●
Circular Economy & Reduce Waste to Landfill	●	●	●		

# COMPLEMENTARY PROJECTS





# PROJECT DETAILS

## TRANSFORMATIVE INFRASTRUCTURE

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### Business Case - South West Illawarra Rail Link (SWIRL)

The South West Illawarra Rail Link (SWIRL) is a proposed passenger and freight line connecting Wollongong and Western Sydney.

SWIRL will provide an important connection to and from the growth area of Western Sydney to the Port of Port Kembla. This project is a \$1.7B investment

- Key Deliverables**
- Completion of a passenger and freight rail link
  - Reduce costs of commuting, in both time and out of pocket costs
  - Reduces road freight, further constraining the Illawarra region's road network. Current freight can be delayed up to 11 hours as passenger services are given priority.

- Milestones**
- **2023** Business case delivered
  - **2028** Construction underway
  - **2032** Completion

- Benefits**
- \$2.6 billion in net present value (NPV)
  - A return of \$1.84 for each \$1.00 invested
  - Meet future capacity required for efficient rail freight to/from Port Kembla
  - Faster passenger services from/to Sydney & Western Sydney

**Commitment**

**\$30m**

Business Case (2021)  
funded by Federal and NSW  
Government (50:50)



### Picton Road Duplication & Mt Ousley Interchange/ Widening

Picton Road and Mount Ousley Road comprise a major freight connection between the M1 Princes Motorway and the M31 Hume Motorway. This important arterial link down the Illawarra Escarpment already operates at capacity during certain periods of the day, making this upgrade project a major priority.

Heavy vehicles make up 25% of its 20,000+ daily vehicle movements. Currently the 27km stretch of road between the two major motorways is largely single lane, with only 8km of passing lanes divided over several sections. Improvements in recent years have focused on safety enhancements

Picton Road is forecast to reach capacity by 2025.

Land use changes at both Wilton and Greater Macarthur Growth Areas expected to deliver an additional 73,000 homes nearby by 2040, placing further pressure on Picton Road

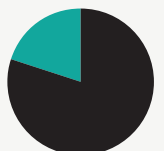
- Upgrade Picton Road to a full four-lane divided highway for 24 kms.
- Improve the interchange at the bottom of Mount Ousley.
- Widen Mt Ousley Rd from University of Wollongong to Picton Road.

- **2021** Concept complete
- **2022** Business case delivered
- **2023** Construction underway
- **2025** Completion

- \$88M annual benefit
- Faster travel times
- Lower vehicle operating costs
- Improved road safety
- Reduced congestion

**\$450m**

\$180 million Picton Rd Duplication  
\$270 million Mt Ousley Interchange  
and widening funded by  
\$360 million NSW Governments  
\$90 million Federal Government





# PROJECT DETAILS

## TRANSFORMATIVE INFRASTRUCTURE

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### Access to the M1 Extension at Tripoli Way, Albion Park

A central interchange connected to the Albion Park bypass will reduce congestion, travel times and traffic delays on the Illawarra Highway from the Southern Highlands and through urban growth areas to the east and north of the Illawarra.

An application is underway to construct up to 7,000 dwellings at Calderwood Valley (west of Albion park). Development of this magnitude will significantly increase vehicle movements and will require the provision of a directly connected Central Interchange.

The provision of on and off ramps from the M1 extension at Albion Park to Tripoli Way will divert increased traffic volumes from Albion Park CBD and will improve access to Shellharbour, Wollongong and Western Sydney via Picton Rd.

#### Key Deliverables

- M1 Albion Park interchange which connects directly to Tripoli Way via newly constructed on / off ramps

#### Milestones

- 2020** Albion Park Rail Bypass is currently under development
- 2021** Additional interchanges planned
- 2022** Construct an interchange to connect Tripoli Way directly to the M1

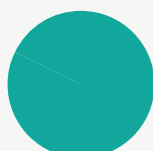
#### Benefits

- Benefit cost ratio is 7.36 (7% discount rate)
- Increase road and pedestrian safety within Albion Park.
- Better road network efficiency between urban growth centres and employment lands, Shellharbour Airport and Marina
- Improve access and liveability for new communities esp. Calderwood
- More effective east-west link on State and Local road network
- Unlocks opportunities in education and business

#### Commitment

**\$30m**

NSW State Government



### Development of the Albatross Aviation Technology Precinct

HMAS Albatross and HMAS Creswell are identified as 'major defence bases' in the NSW Government's Defence and Industry Strategy (2017), which describes the rotary wing expertise in Shoalhaven as a regional strength that should be expanded as a key regional opportunity.

Illawarra-Shoalhaven is home to several major multi-national defence companies employing a highly skilled workforce of over 1,900 people delivering over \$500 million in annual regional economic contribution.

Expansion of the Albatross Aviation Technology Precinct (AATP) – adjoining HMAS Albatross - will deliver further expansion in the advanced manufacturing sector, which a key activity focus area.

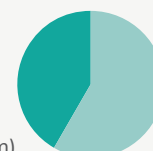
- Expansion of the Albatross Aviation Technology Park to stages 5 & 6
- Develop nine new lots for aviation industry, seven with access to taxiway
- Installation of new, separate firefighting water reticulation system

- 2020/21** Stage 5 of the AATP under construction
- 2022** Stage 5 employment progressing
- 2023** Stage 6 under construction

- BCR of 15.1 (10 years)
- 150 FTE direct jobs, 451 indirect FTE jobs + 10 FTE jobs during construction
- Impact on GRP of \$136.5M/a
- Introduces over 700 higher order STEM jobs to Illawarra-Shoalhaven by 2022

**\$12m**

Stage 5: \$7m (Shoalhaven Council \$2m; NSW Government \$5m)  
Stage 6: \$5m (Shoalhaven Council \$5m)







# PROJECT DETAILS VISITOR ECONOMY

## Wollongong Entertainment Centre Precinct

The Wollongong Entertainment and Sports Precinct will undertake a detailed concept and planning assessment for the development of a revitalised cultural precinct. This precinct development could include a convention centre, sports facilities as well as stimulate private investment in hotel, hospitality and car parking opportunities.

The Wollongong Entertainment and Sports Precinct includes the NSW Government owned assets of the WIN Entertainment Centre and WIN Stadium, as well as the foreshore area and commercial opportunities nearby. Previous market assessment and economic impact assessments have been undertaken. For Wollongong to realise its potential as a regional conferencing and major event destination, a modern purpose-built conference facility would be required alongside new hotel stock and appropriate residential and commercial developments.

An integrated precinct will be developed which incorporates upgraded entertainment assets and inviting public spaces for the community and will also stimulate the visitor economy.

### Key Deliverables

- Cultural Precinct
- Convention Centre
- Carpark
- Hotel activation

### Milestones

- 2022** Stage 1 of upgrades in time for UCI Road World Championship
- 2025** Full upgrade – including hotel and precinct

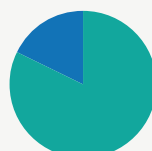
### Benefits

- Increase in visitor numbers for tourism and conferences
- Job creation during construction
- On-going employment in hospitality
- Attraction of major events to the region
- Reduced seasonality of visitor economy

### Commitment

**\$170m**

\$140 million NSW Government  
\$ 30 million private investment



## Develop a Cruise, Boating and Voyaging Network (Blue Highway)

The NSW South Coast excels as a marine tourism destination and in 2017 hosted an estimated 10 million visitors (rising to over 14 million by 2030), spending \$2.6 billion. This project will advance marine tourism and recreational use of the South Coast by the completion of a 'Blue Highway' from Wollongong-Shellharbour-Kiama-Nowra-Jervis Bay-Ulladulla and on to the Sapphire Coast.

This will be achieved by adding new boating assets and infrastructure along the Illawarra-Shoalhaven Coast. Integrating passive marine sightseeing with land-based activities (food/wine tours, coastal walks, cultural and indigenous activities) and in-destination events delivers a year-round visitor experience and will assist with bushfire recovery activities on the South Coast of NSW.

- Delivery of the Wollongong Harbour masterplan outcomes
- Upgrade to the Kiama foreshore and harbour
- Delivery of the Nowra Riverfront Precinct
- Improved access and facilities at Huskisson Wharf & Woollamia Marine precinct
- Complete redevelopment of Ulladulla harbour

- 2020** Construct marina facilities within Ulladulla Harbour & open Shell Cove
- 2021** Kiama harbour and foreshore improvements complete, additional facilities at Huskisson Wharf & Woollamia Marine precinct opened
- 2027** Delivery of the Nowra Riverfront Precinct on Shoalhaven River

- Increase of over \$1 billion in marine tourism-related spending
- A key bushfire recovery and tourism resilience (bushfire-resistant) initiative
- Growth in yield from visitor trips
- Visitor dispersal and reduced seasonality of tourism
- Increased visitor numbers and participation in marine and land-based activities

**\$42m**

\$20 million Federal Government  
\$20 million NSW State Government,  
\$ 2 million Kiama, Wollongong & Shoalhaven Councils combined





# PROJECT DETAILS VISITOR ECONOMY

## Kiama Arts & Cultural Precinct Development

The Kiama Arts Precinct will merge existing infrastructure with new, incorporating world-class urban design with historic preservation and sustainable development to create the only all-season performance and exhibition space in the Kiama Municipality.

The centrepiece of the precinct will be a newly constructed Arts Centre that will incorporate a 220-seat theatre, restaurant and bar, workshop spaces and gallery/exhibition spaces.

The project utilises existing transport infrastructure, including upgraded CBD parking spaces and enhances the vibrancy and engagement with Kiama's CBD.

### Key Deliverables

- Re-purpose existing Community Centre to a collaboration space for local artists including rehearsal, small performance, workshop and exhibition areas.
- Connect all arts related structures via pathways and art features.
- Construct the new Arts Centre

### Milestones

- **Stage 1** – Q1 2021
- **Stage 2** – Q3 2021
- **Stage 3** – Q4 2022

### Benefits

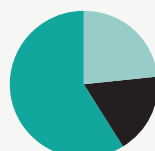
- \$12.8 Million annual injection into Kiama visitor economy
- BCR 1.23
- Creation of 28 direct jobs during construction
- Additional Full Time and Casual roles during operation
- Theatre performance space will bring arts to regional Australia

### Commitment

**\$17m**

total building and fit-out cost.

\$4.0m Kiama Council  
\$3.0m Federal Government  
\$10.0m NSW Government



## Develop Nowra Riverfront Mixed-Use Precinct

The Illawarra-Shoalhaven Regional Plan identifies the clear community desire to 'activate the waterfront'. Development of this large north facing precinct presents the largest significant mixed-use opportunity site in Shoalhaven. Nowra is located on a major waterway but it does not have an active waterfront.

Redevelopment of the Nowra Bridge means that activation of the riverfront will be crucial to the attractiveness and use of the river and Nowra vicinity. This project delivers a new mixed-use precinct serviced by an effective pedestrian/cycle network in a safe and well-defined public domain.

- Activation of the riverfront
- An improved green space along the river
- Completion of a key component in the NSW Marine Tourism Strategy 2019

- **2021** Precinct infrastructure strategy finalised
- **2023** Infrastructure delivery completed
- **2025** Property precinct marketed for redevelopment

- BCR of 7.14 (20 yrs)
- 122 direct FTE jobs, 188 indirect FTE jobs, 65 FTE during construction
- Impact on GRP of \$46M/a
- Increased marine tourism numbers and stay duration

**\$21m**

funding sought for staff, planning, coordination, consultation and promotion over 5 years.

\$1.5m Shoalhaven City Council  
\$9.5m NSW Government  
\$10.0m Federal Government





# PROJECT DETAILS

## ECONOMIC RESILIENCE

### Circular Economy & Reduced Waste to Landfill

This Recycling Precinct will reduce waste to landfill by 92% using a recycling process with the existing system of waste streams. Putrescible waste will be sterilised using steam and high temperature in an autoclave. Recyclables such as metals, glass, plastic are removed, and the remaining low volume of biomass is sent to landfill. Paper, card, bottles & cans will be processed through a newly built Material Recycling Facility plant that will deliver a quality product. Cables shredded into recyclable copper and PVC fractions. Polystyrene will be recovered for re-use in a separate facility.

#### Key Deliverables

- Bioelektra Waste Processing Plant (WPP)
- Materials Recycling Facility (MRF)
- Glass Processing Plant
- Other reclamation infrastructure (copper cables, polystyrene)

#### Milestones

- 2020** Signing of MOU / Contracts
- 2021** Construction Period
- 2022** Operational

#### Benefits

- 200/30 jobs during construction (12/4 months)
- 18 FTE operational roles
- Existing Shoalhaven tip life is extended by 38 yrs.
- Annual reduction of \$7M in waste levies.

#### Commitment

**\$102m**

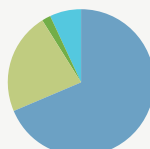
The \$102M investment funded by:

\$70M Bioelektra WPP  
(\$60M Bioelektra; \$10M+Land SCC)

\$23M MRF  
(\$13M SCC; \$10M grant funding)

\$2M Glass Processing Plant  
(\$2M SCC - loan finance)

\$7M Other infrastructure for copper cables, polystyrene (SCC)  
Underwriting of operational costs until break-even capacity (100,000 tonnes per year) is reached.



### Implementation Plan and delivery of Smart City Regional Projects

Smart Cities use technology to collect and analyse data and deliver improved asset management outcomes for the benefit of their residents. This combination of technology, data and management will deliver high liveability outcomes.

The Illawarra-Shoalhaven Smart Region Strategy details an overarching vision for a Smart Region and identifies critical projects to drive innovation.

- Implementation Plan developed for Illawarra Shoalhaven Smart Cities Strategy.
- Delivery of planned Smart projects.

- 2021** Engage Project Officer
- 2022** Illawarra Shoalhaven Smart Cities Implementation Plan developed
- 2025** Agreed and planned Smart projects delivered in Illawarra-Shoalhaven

- Illawarra-Shoalhaven region continues to create innovative Smart solutions
- Reduced traffic congestion, less water waste, increased citizen engagement

**\$1m**

\$1M funding sought for staff, planning, coordination, consultation, delivery and promotion over 5 years.

\$0.5M Local Government (4 Councils)  
\$0.5M Federal Government





# COMMITMENTS SUMMARY

## PROPOSED SOURCE OF FUNDING

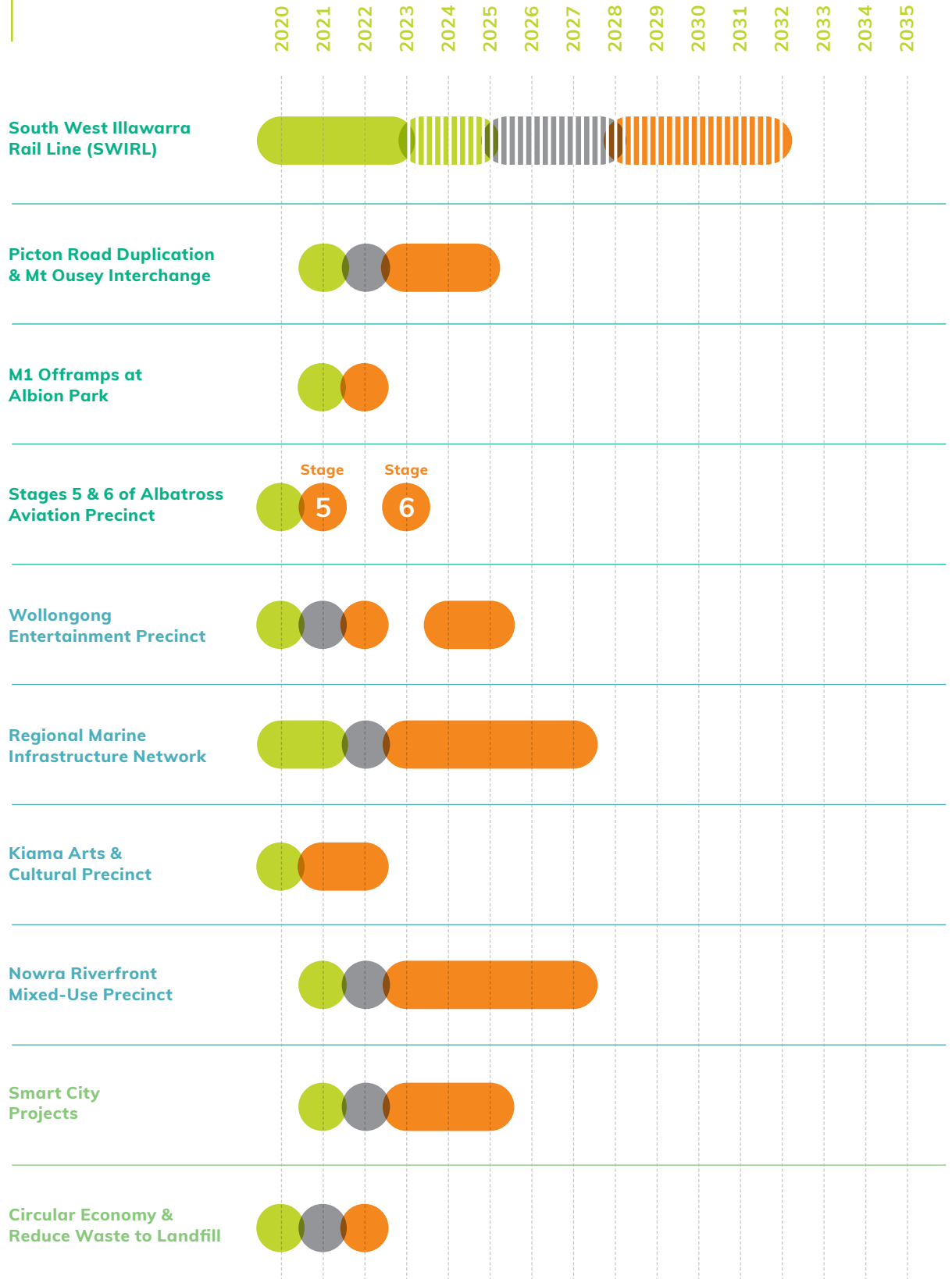
**20**

CITY DEAL  
PROSPECTUS

	LOCAL	STATE	FEDERAL	PRIVATE
South West Illawarra Rail LinK (SWIRL)		\$15M	\$15M	
Picton Road Duplication & Mt Ousey Interchange/ Widening		\$360M	\$90M	
M1 Offramps at Albion Park		\$30M		
Stages 5 & 6 of Albatross Aviation Precinct	\$7M	\$5M		
Wollongong Entertainment Precinct		\$140M		\$30M
Regional Marine Infrastructure Network	\$2M	\$20M	\$20M	
Kiama Arts & Cultural Precinct	\$4M	\$10M	\$3M	
Nowra Riverfront Mixed-Use Precinct	\$1.5M	\$9.5M	\$10M	
Smart City Projects	\$0.5M		\$0.5M	
Circular Economy & Reduce Waste to Landfill	\$32M		\$10M	\$60M
<b>TOTAL INVESTMENT</b>	<b>\$47M</b>	<b>\$589.5M</b>	<b>\$148.5M</b>	<b>\$90M</b>



# PROJECTS TIMING





# Regional Development *Australia*

ILLAWARRA

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