1. Context

2. Principles and intended outcomes
   1. Qualities, needs, assets
   2. Emerging framework and principles
      1. Economic
      2. Open Space
      3. Land Use
      4. Movement

3. Neighbourhoods

4. Scenarios

5. Next Steps

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Context, Vision & Objectives
A well-performing place
Strong performance and capacity for growth

- A top 10 Australian CBD
- Northern anchor of Eastern Economic corridor
- Health and Education precinct
- A ‘Strategic Centre’ in the 3 Cities Plan
- 20,000 new jobs by 2036
- 22,500 new students by 2030
- Metro open / latent capacity
- Future Transport focus

With the need to evolve
Delivery of that growth is challenged by:

- Quality of competitors
- Tenants moving away from 20th C model
- Lack of place – cultural and social offer
- Congestion & access
- Scale and lack of identity
- Slow mode shift away from private vehicles
- Lack of connectivity with surrounding communities

And the assets to build from
Existing natural, networking and economic assets to support transformation

- Continuing economic activity
- Increased PT connectivity
- Major anchor businesses
- World renowned University
- Established innovation and research community
- Proximity to Lane Cove National Park
- Engaged developers with capacity to deliver transformation

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Context _ Integrating Country Centred Design into the Masterplan

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
A growing home to world class businesses, research and education, Macquarie Park will be competitive and resilient, strengthening its role within Sydney and Australia’s future economy.

It will be a place for people, characterised by its connectivity and the unique setting of Wallumattagal Country—a place of rivers and fertile wetlands with a deep history of learning, trade and culture.

It will be a place that sparks ideas and fosters creativity through strong interconnected relationships between people, education and industry and a renewed connection to Country.
Objective 1
Improve the quality of movement

From private to public to active transport, improving the quality of how people and things move around Macquarie Park is vital to creating better outcomes for all. This plan will:

- Increase walkable links and walking choices within and into Macquarie Park and its precincts
- Increase the quality of interchange between metro, bus and active transport networks
- Encourage a sustained transition away from private vehicle use to a more balanced mode share. This will include parking innovation
- Respond to the natural features and attributes of Country to enhance streamlined movement through and to Macquarie Park

Objective 2
Improve the quality of place

Increasing the cultural and social life of Macquarie Park, and connecting its users more strongly to its non-urban setting is vital to sustaining its economic status. This plan will:

- Achieve design excellence
- Increase opportunities where the Macquarie Park community and its visitors can connect to the deep history, including CSIRO & Chinese market Gardeners, features and attributes of Wallumattagal Country and continue its long tradition of sharing knowledge and culture
- Deliver a well-connected network of new and improved open spaces for the growing Macquarie Park community
- Increase the diversity of cultural and social infrastructure available to the Macquarie Park community and its visitors
- Enrich the relational interconnection of all entities within Macquarie Park, connecting the dots between business, environment, cultural and social infrastructure

Objective 3
Strengthen the business community

Improvement to network assets, physical assets and economic assets in Macquarie Park is required to increase scale, quality and accessibility of opportunities. This plan will:

- Support the continued development of a business ecosystem
- Make new and adapted built form, and active ground floors, that will diversify business types, sizes and sectors
- Ensure collaborative working between government, business, university and communities to create inclusive growth and opportunities for all
- Introduce new governance and leadership models based on collaboration, interconnection and integration
Framework & Principles

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
The sustainable growth of the Macquarie Park employment centre will involve the following economic and networking principles:

**Principles**

1. Create stronger clusters of sectors and business types
2. Diversify business space typologies
3. Strengthen physical and network links to university and wider innovation community
4. Establish clear governance to support the growth of the business community

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Concept Economic Framework

The sustainable growth of the Macquarie Park employment centre will involve the following economic and networking principles:

Principles

1. Create stronger clusters of sectors and business types
2. Diversify business space typologies
3. Strengthen physical and network links to university and wider innovation community
4. Establish clear governance to support the growth of the business community

Outcomes

• Clear areas of innovation and excellence around sectors
• A greater diversity of space for a greater diversity of business
• Stronger connections to Country
• Increased amenity to attract and retain employees
• Increased support for physical, network and economic interaction between people, place and institutions
Concept Open Space Framework

Improvements to the quality of place in Macquarie Park will involve the following open space and landscape principles:

Principles

1. A New Central Landscape
2. Revealing the Creeks
3. A Finer Grain of Open Space
4. A Complete Canopy

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Principle 1.
A new central landscape

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Constitution Avenue, Canberra
Principle 2.
Reveal the creeks
Principle 3.
A finer grain of open space

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Granary Square, Kings Cross, London
Principle 4.
A complete urban canopy
Concept Open Space Framework

Improvements to the quality of place in Macquarie Park will involve the following open space and landscape principles

**Principles**

1. A New Central Landscape
2. Revealing the Creeks
3. A Finer Grain of Open Space
4. A Complete Canopy

**Outcomes**

- A greater connection to Country through sustainable business
- Increased diversity of open space to address shortage of quality amenity for workforce
- Increased quality active transport routes through landscape to encourage workforce mobility
- Increased informal meeting spaces through POPS to encourage interaction and support innovation
- Increased biodiversity
Concept Movement Framework

Improvements to the quality of movement in Macquarie Park will involve the implementation of the following principles:

**Principles**

1. Fine Grain Streets
2. Woven Ways
3. Slow and Low
4. Flexible micro transport
Principle 2.
The Woven Ways

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Toronto Tracks
Principle 3.
Slow and Low Zones

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New University Dublin, Masterplan
Principle 4.
Flexible micro transport
Concept Movement Framework

Improvements to the quality of movement in Macquarie Park will involve the implementation of the following principles:

**Principles**

1. Fine Grain Streets
2. Woven Ways
3. Slow and Low
4. Flexible micro transport

**Outcomes**

- Easier active transport journeys to support ease of movement
- Increased links between clusters of business types and sectors
- Increased quality of walking environment
- Increased safety of users and visitors
- Greater flexibility to adapt to new technologies
Concept Uses and Activities Framework

Improvements to the quality place in Macquarie Park will involve the following principles:

**Principles**

1. Make a ‘Living Station’
2. A Finer Grain of Use
3. Make space for new business
4. Grow a ‘place of many places’

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Principle 1.
Make ‘Living Stations’

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY

Living Stations, ARUP/Network Rail
Principle 2.
A finer grain of use
Principle 3.
Make space for new businesses

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Principle 4.
A place of many places
Concept Uses and Activities Framework

Improvements to the quality place in Macquarie Park will involve the following principles:

Principles

1. Make a ‘Living Station’
2. A Finer Grain of Use
3. Make space for new business
4. Grow a ‘place of many places’

Outcomes

• Better public and private amenity around station and interchange
• Life long learning opportunities connecting business to skills
• Improved night time economy and dwell time in precincts to support economic activity in diverse business
• Innovative integration of SME workspaces
• New retail and services to support growing workforce needs

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
2036–Towards a stronger innovation ecosystem

These principles build the resilience and robustness of the Macquarie Park innovation ecosystem over time, filling the gaps in the network.

Evolved from Brookings Institute Innovation Ecosystem

Current Network 2020

Future Network 2036 Vision

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Neighbourhoods
‘A Place of Many Places’
Why establish neighbourhoods

Why a ‘Place of Many Places’?

• Break down the singularity of Macquarie Park as part of its long term evolution to ‘place of many places’
• Create distinct character areas that support a future increase economic & cultural diversity based on their character over deep time, their existing character and their desired character
• Prioritise delivery and implementation of the framework and strategies by precinct specific measures alongside high level strategies

Comparison to Sydney CBD

• Approx. same area as Sydney CBD from the Rocks to Central
• Sydney CBD has six defined character areas for Employment
  - Walsh Bay - Mixed Use + Heritage docks
  - The Rocks - Leisure and Culture + Harbour
  - City Core - Prime Commercial + Historic Centre
  - Western - A Grade Commercial + Waterfront
  - Midtown - Fringe Commercial
  - Southern - Government + China Town
• Macquarie Park has:
  - Herring Road Precinct - University + Campus expansion
  - Riverside - Mixed grade Office + Landscape setting
  - The Commercial Core - Mixed Commercial / Office

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
How have we established the Neighbourhoods

What makes a Macquarie Park neighbourhood of the future?

Informed by the Vision & Principles and the underpinning Country Centred Design values, the core components which have been used to define a ‘neighbourhood’ in Macquarie Park are set out here: each neighbourhood will have:

**An Economic Anchor**
A commercial anchor or differentiating business cluster with a range of scales of business types

**A Connection to Country**
An accessible natural asset and connection to Country (specifically the creeks)

**A Space for Culture**
A cultural anchor or potential to form a new cultural place of gathering and or learning

**A Focus of Movement**
A movement structure / interchange that can encourage public transport usage and support walking

**Collaborative Partners**
Aligned and assembled landowners and stakeholders working towards the delivery of the vision

FOR DISCUSSION PURPOSES
NOT NSW GOVERNMENT POLICY
Defining Seven Neighbourhoods
‘The place of the Snapper Fish’

1. Waterloo Park- ‘Badu Nawi’
   - Commercial core set around a new linear park
2. North Ryde Riverside- ‘Narrami Badu-Gumadá’
   - Green cluster surrounded by National Park
3. Wicks Road South- ‘Garungu’
   - Highly connected Education and small business cluster
4. Porters Creek- ‘Burbiga’
   - Larger business spaces fronting new park edge
5. North Park- ‘Ngalawala’ ‘Reciprocity’
   - Diversity of business space around creeks, open spaces
6. Shrimptons Quarter- ‘WaragalBirrung’
   - Tech cluster with high quality landscape and accessibility
7. Macquarie Living Station- ‘Gari Nawi’
   - Dense commercial and social centre around connectivity

Opportunity for integration and deepening of the approach to place-naming and storying

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Scenario Testing Process

- The MPSIA Core Framework & Neighbourhoods (as endorsed by RCG) set the basis of two scenarios to be explored
- Each scenario must – demonstrate delivery of 20,000 new jobs and address the implementation of the Vision and Objectives
- The variables are – the dispersal of new commercial space, the type and density of jobs & the potential use of residential in relation to achieving place outcomes
- Scenario 1 – 20,000 new jobs based on implementation of infrastructure improvements set out in the Ryde LSPS
- Scenario 2 will – following further work – test the delivery of 20,000 new jobs, and set out the infrastructure requirements relative to the preferred land use arrangements

Baseline
Existing built form, place characteristics and established commercial focus are typical of suburban business park typology.

Scenario 1
Intensified commercial uses to attract and sustain 20,000 new jobs by 2036 alongside improvements in place and movement aligned to the vision

Scenario 2
Diversified commercial and non-commercial uses to attract and sustain 20,000 jobs by 2036 alongside residential and other uses to support improved place and movement aligned to the vision

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Movement & Place Findings: Existing Network

- Lane Cove Road is a key north-south connection for the North Shore
- Access to Macquarie Park by car is constrained by the limited number of corridors accessing it
- High levels of freight on Lane Cove Road due to prohibited access into tunnels on M2.
- Bus services slow and late due to shared facilities with general traffic.
- The local bus network does not provide sufficient access for travel inside Macquarie Park.
- The bicycle network gaps in significant locations, limited connections to the wider bicycle network
- Limited crossing opportunities at intersections and along major road corridors
- Safety issues for pedestrians at Macquarie Park Station and Macquarie University Station.
- Poor pedestrian connectivity between Macquarie University and rest of Macquarie Park.
Movement & Place Findings - Conflicts Across Networks

- Overlay of pedestrian, cycle, bus, private vehicle transport network layers to identify areas of conflict between movement and place functions

- Vehicle & place conflict
  - Lane Cove Road
  - Waterloo Road
  - Talavera Road & Khartoum Road

- M&P opportunity area / area of interest to explore
  - Banfield Road – potential ‘street for all’ concept

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Next steps
Next Steps

- Framework development following engagement
- Further scenario development including infrastructure needs
- Further consultation
- Finalisation of Masterplan
Questions for participants

- How do you interpret the principles for your sites?
- What are the key barriers to implementation?
- How are landowners and developers and businesses currently collaborating?
- How has the current health and economic situation affected your approach to Macquarie Park?
- How do you see Macquarie Park, and the office market in general, responding in the short, medium and long term?

Email your responses to eastern.harbourcity@planning.nsw.gov.au with the subject MPSIA by 8 May Friday COB

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