

Attachment 2 - Exhibited draft Towards 2040 (September 2019) with track changes

A3 document and comments with connector lines on single pages

Summary of Comments on 2020 026069 Mark-ups to LSPS - Consolidated comments and amendments version.PDF

Page: 1

|                                                                                     |                                   |                              |
|-------------------------------------------------------------------------------------|-----------------------------------|------------------------------|
|  | Author: coullr Subject: Highlight | Date: 22/01/2020 11:08:07 AM |
|                                                                                     | Delete 'draft'                    |                              |
|  | Author: coullr Subject: Highlight | Date: 16/01/2020 1:49:48 PM  |
|                                                                                     | Update date:                      |                              |
|                                                                                     | February 2020                     |                              |

# Towards 2040

Draft Local Strategic Planning Statement

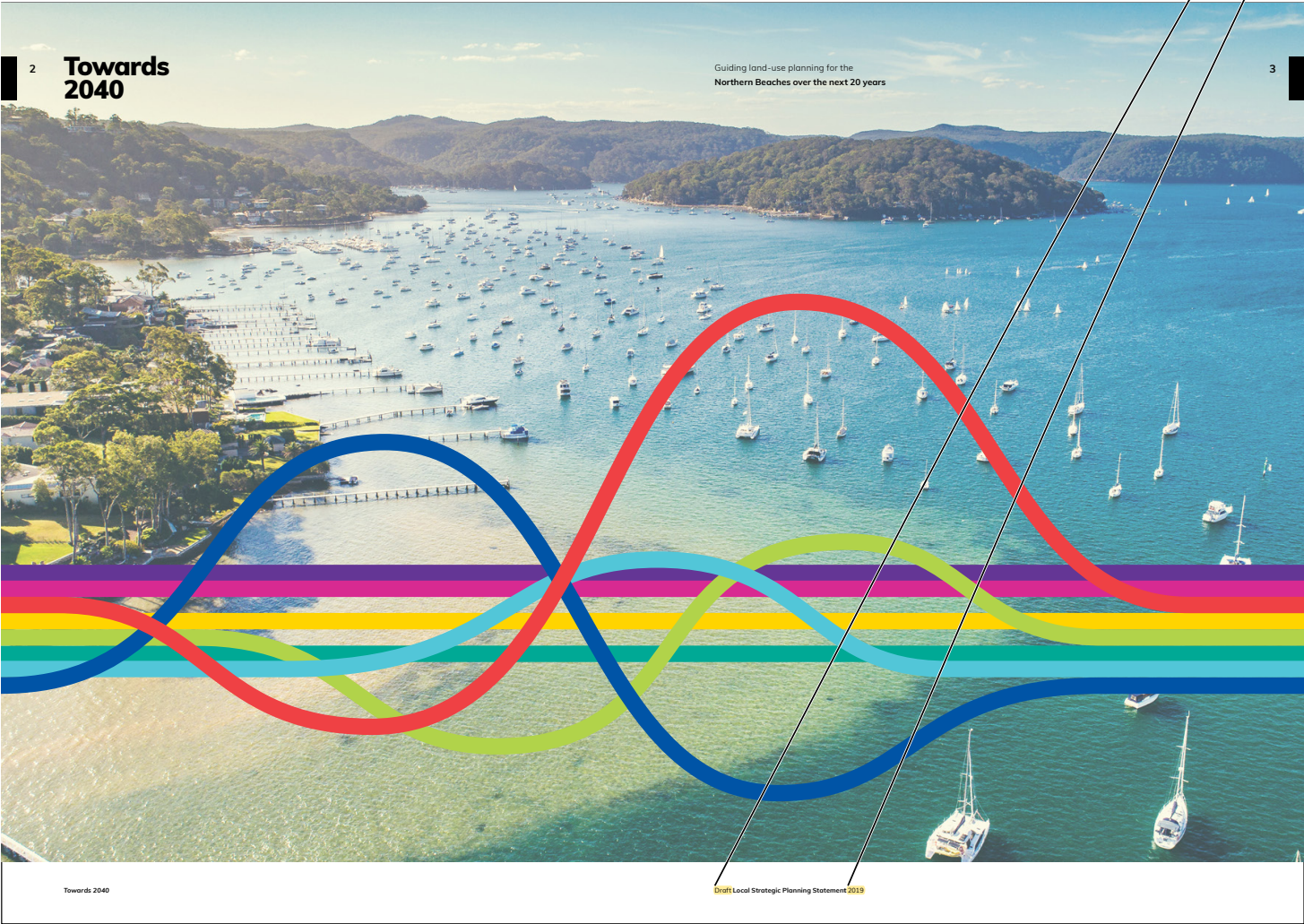
A 20 year land-use vision for the Northern Beaches

September 2019



northern  
beaches  
council

|                                                                                     |                                        |                              |
|-------------------------------------------------------------------------------------|----------------------------------------|------------------------------|
|  | Author: coullr Subject: Highlight      | Date: 22/01/2020 11:08:26 AM |
|                                                                                     | Delete 'draft' from all footers        |                              |
|  | Author: coullr Subject: Highlight      | Date: 22/01/2020 11:00:17 AM |
|                                                                                     | Update date:                           |                              |
|                                                                                     | Change '2019' to '2020' in all footers |                              |

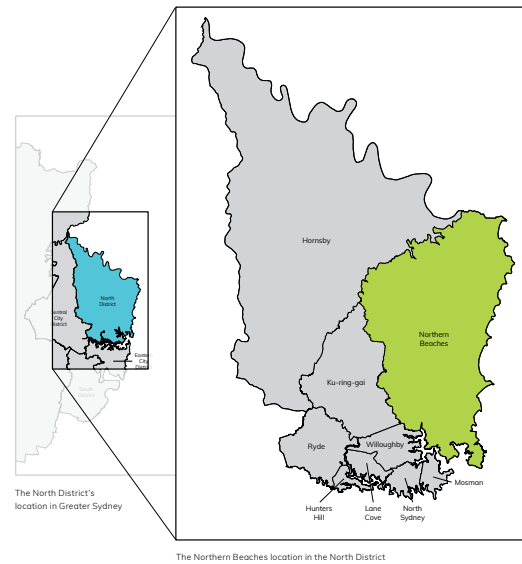




## Disclaimer

While every reasonable effort has been made to ensure this document is correct at the time of printing, Northern Beaches Council disclaims any and all liability to any person in respect of anything or the consequence of anything done or omitted to be done in reliance upon the whole or any part of this document.

**Figure 1**  
Metropolitan context of the Northern Beaches<sup>1</sup>



The Northern Beaches location in the North District

**Curl Curl**



- Author: Suzy.Lawrence    Subject: Highlight    Date: 22/01/2020 11:02:54 AM  
Improve legibility:  
Insert theme header 'Infrastructure and collaboration'
- Author: Suzy.Lawrence    Subject: Highlight    Date: 22/01/2020 11:03:16 AM  
Improve legibility:  
Insert theme header 'Productivity'
- Author: Suzy.Lawrence    Subject: Highlight    Date: 22/01/2020 11:03:23 AM  
Improve legibility:  
Insert theme header 'Liveability'
- Author: coullr    Subject: Highlight    Date: 16/01/2020 1:43:03 PM  
Amend P21 title: Redesigned road space
- Author: Suzy.Lawrence    Subject: Highlight    Date: 22/01/2020 11:03:54 AM  
Improve legibility:  
Insert theme header 'Sustainability'
- Author: coullr    Subject: Sticky Note    Date: 16/01/2020 11:24:13 AM  
Update all page number references in table of contents
- Author: coullr    Subject: Highlight    Date: 16/01/2020 1:43:12 PM  
Amend P14 title: A community enriched through the arts and connected through creativity
- Author: coullr    Subject: Highlight    Date: 16/01/2020 1:43:19 PM  
Amend P8 title: Adapted to the impacts of natural and urban hazards and climate change

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Draft Local Strategic Planning Statement 2019

- 

Author: coullr Subject: Highlight Date: 22/01/2020 11:08:47 AM  
Delete 'draft'
- 

Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 3:37:47 PM  
Fix spacing
- 

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:43:26 PM  
Add text:  
Aboriginal culture is integral to our understanding of belonging, community and care of the land.

8

Towards 2040



Mayor's Message

Like the rest of Greater Sydney, the Northern Beaches is growing. By current trends, an extra 39,000 people will call the Northern Beaches home over the next 20 years.

This **draft** local strategic planning statement – Towards 2040 – is our commitment to making the Northern Beaches an even better place to live in 20 years from now.

Towards 2040 is our roadmap for sustainably managing how we evolve and grow. Change is **inevitable**. **Towards 2040** allows us to influence how it happens and plan for it responsibly.

It will help us manage future development that is true to our community's vision and in keeping with our lifestyle, environment, local character and community needs.

Towards 2040 underpins our promise to the community in Council's Community Strategic Plan, Shape 2036, to "effectively plan for future growth by balancing regional priorities with local values". We'll review this statement at least every seven years, allowing us to refine our plans and respond to our growing community along the way.

We will always keep looking ahead to address the numerous priorities we have identified in terms of housing, infrastructure, transport and connectivity, heritage, local character, community facilities and services, great places, open space, climate change and the environment.

I am grateful to the hundreds of community members who attended workshops and focus groups, completed surveys and continued the conversations we started with Shape 2028 about the future of the Northern Beaches.

We now have a living document that will evolve as our community does. Your input has been critical and will continue to be. I look forward to sharing the journey ahead with you.



Michael Regan  
Mayor

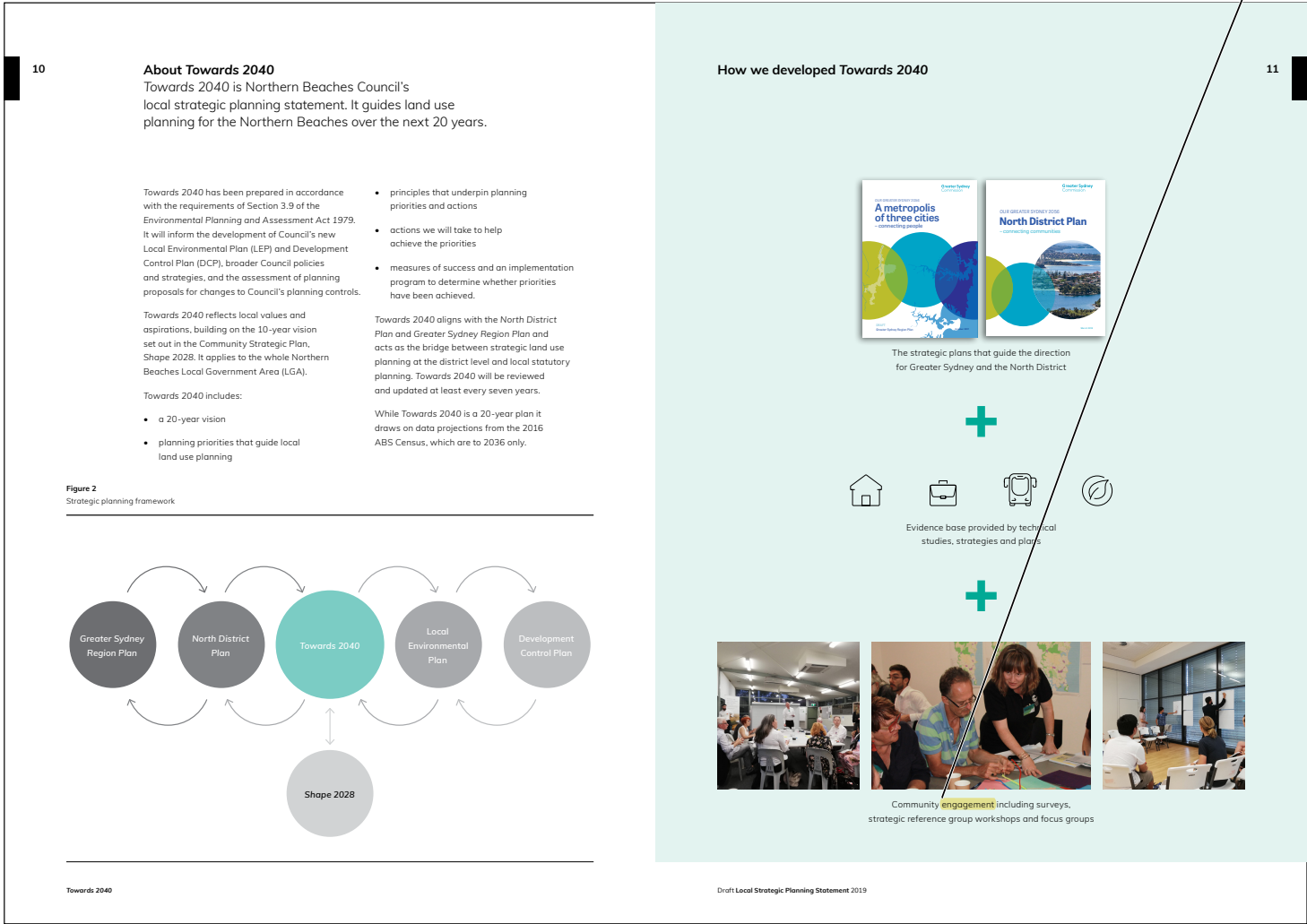
We acknowledge the traditional owners of this land and elders past and present. We recognise Aboriginal people as the original custodians of the Northern Beaches.



Towards 2040

Draft Local Strategic Planning Statement 2019





Author: coulr Subject: Sticky Note Date: 16/01/2020 1:43:38 PM

Add acronyms:

- ALIA: Australian Library Information Association
- DCP: Development Control Plan
- DPI Fisheries: Department of Primary Industries - Fisheries
- EPA: NSW Environment Protection Authority
- LEP: Local Environmental Plan
- NSLHD: Northern Sydney Local Health District
- NSW RFS: NSW Rural Fire Service
- SL: State Library NSW
- SLSC: Surf Life Saving Clubs

Author: coulr Subject: Highlight Date: 11/02/2020 11:27:13 AM

Delete text

12

How to read this plan

Local context

- sets out the local strategic planning context for the Northern Beaches

Local vision and structure plan

- outlines our local strategic planning vision for the Northern Beaches

Four themes

- shape the plan based on the influences for the Northern Beaches and North District: sustainability, infrastructure and collaboration, liveability and productivity

Directions

- structure Towards 2040's priorities, principles and actions: landscape, efficiency, resilience, infrastructure and collaboration, people, housing, great places, connectivity, jobs and skills

Planning priorities

- establish focus areas to progress the Greater Sydney Region Plan and North District Plan as they apply to the Northern Beaches LGA
- help achieve the local and district vision
- are not ordered in priority, as many relate to one another, requiring Towards 2040 to be read in full

Principles

- are the objectives that underpin the planning priorities

Actions

- represent initiatives and projects that specify how we will achieve the planning priority
- are set against timeframes and the agencies we will partner with or that are responsible for implementation

Measures

- indicate how we will monitor progress towards the directions and planning priorities

Implementation

- sets out how Towards 2040 will be implemented, monitored, reported and integrated with other Council strategies

Broader planning framework

The priorities, principles and actions are in addition to those in the Greater Sydney Region Plan and North District Plan. Current legislation and NSW Government-endorsed policies will also apply to projects and initiatives.

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Acronyms

| Acronyms     | Name                                                                                                                                                                    | Acronyms | Timing               |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------|
| AHO          | Aboriginal Heritage Office                                                                                                                                              | I        | Immediate imperative |
| CHP          | Community Housing Provider                                                                                                                                              | S        | 1 - 5 year           |
| DCJ          | NSW Department of Communities and Justice                                                                                                                               | M        | 6 - 10 year          |
| DOE          | NSW Department of Education                                                                                                                                             | L        | 11+ years            |
| DPIE         | NSW Department of Planning, Infrastructure and Environment                                                                                                              | O        | Ongoing              |
| GA           | Government Architect NSW                                                                                                                                                |          |                      |
| GBCA         | Green Building Council of Australia                                                                                                                                     |          |                      |
| GSC          | Greater Sydney Commission                                                                                                                                               |          |                      |
| Heritage DPC | Heritage - the Department of Premier and Cabinet                                                                                                                        |          |                      |
| MLALC        | Metropolitan Local Aboriginal Land Council                                                                                                                              |          |                      |
| NSROC        | Northern Sydney Regional Organisation of Councils with members: Hunter's Hill, Hornsby Shire, Ku-ring-gai, Lane Cove, Mosman, North Sydney, City of Ryde and Willoughby |          |                      |
| NSWALC       | NSW Aboriginal Land Council                                                                                                                                             |          |                      |
| NSWH         | NSW Health                                                                                                                                                              |          |                      |
| NPWS         | National Parks and Wildlife Services                                                                                                                                    |          |                      |
| RMS          | NSW Roads and Maritime Services                                                                                                                                         |          |                      |
| SNPHN        | Sydney North Primary Health Network                                                                                                                                     |          |                      |
| TfNSW        | Transport for NSW                                                                                                                                                       |          |                      |

Towards 2040

Draft Local Strategic Planning Statement 2019

Author: coullr Subject: Highlight Date: 16/01/2020 1:43:56 PM

Author: coullr Subject: Highlight Date: 11/02/2020 11:28:09 AM

Author: coullr Subject: Highlight Date: 11/02/2020 11:29:00 AM

Author: coullr Subject: Highlight Date: 16/01/2020 11:37:44 AM

Author: coullr Subject: Sticky Note Date: 14/01/2020 11:42:03 AM

Author: coullr Subject: Highlight Date: 16/01/2020 11:38:22 AM

Author: coullr Subject: Highlight Date: 16/01/2020 1:44:07 PM

Author: coullr Subject: Highlight Date: 16/01/2020 1:44:18 PM

Author: Suzy.Lawrence      Subject: Highlight      Date: 20/01/2020 3:59:29 PM

- Author: coullr

Subject: Sticky Note

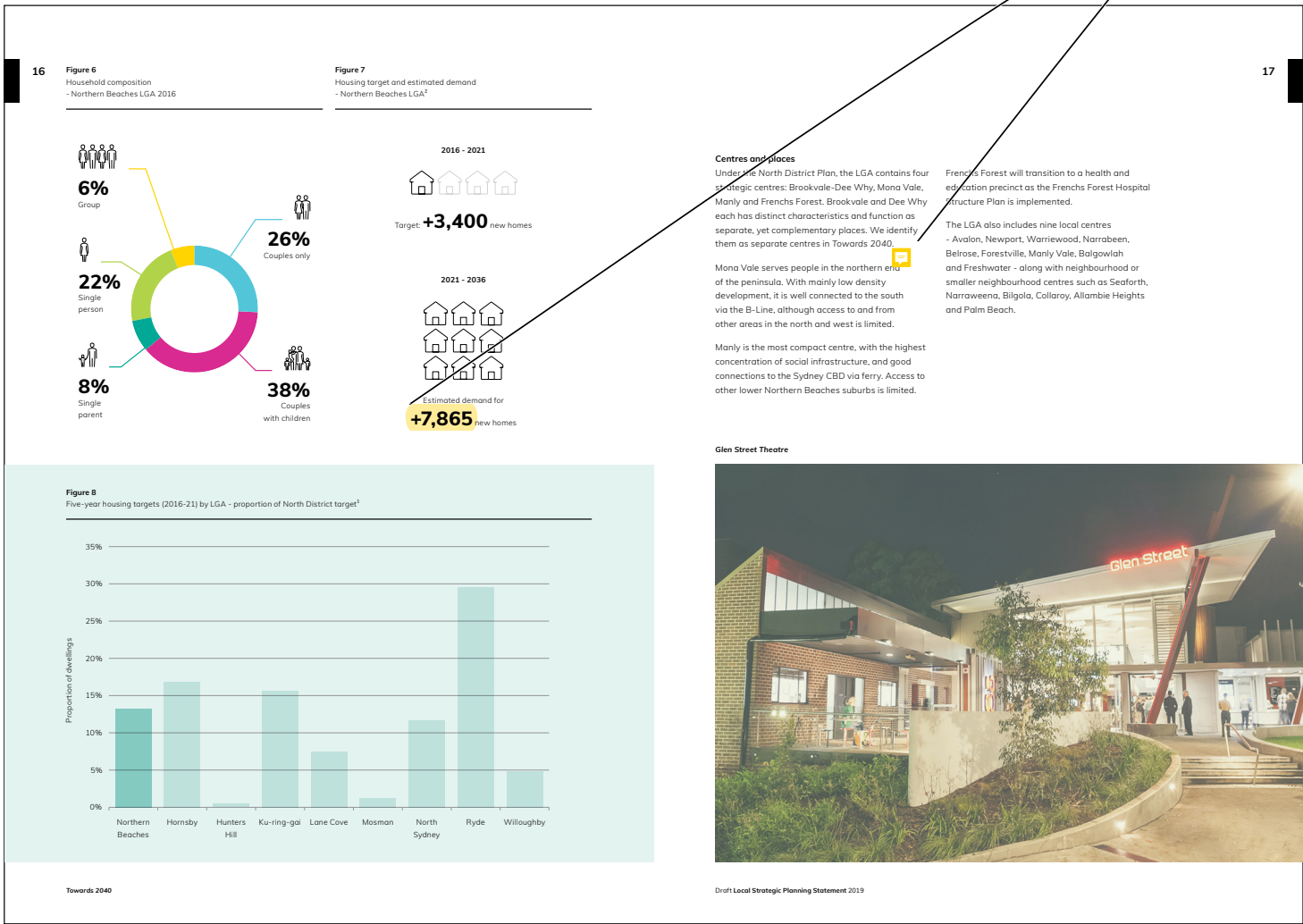
Date: 16/01/2020 1:44:26 PM
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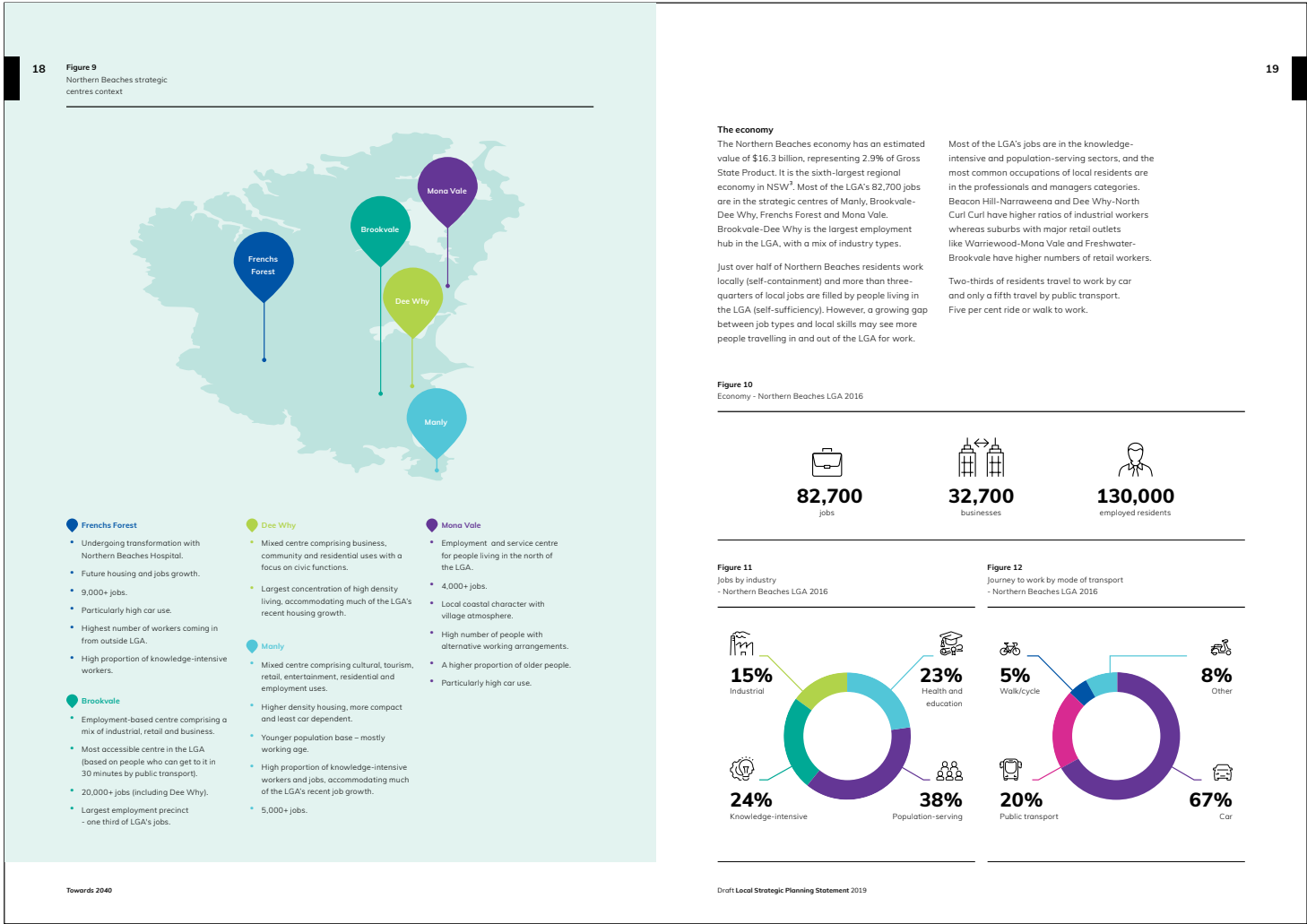
Brookvale is an employment-based centre, supporting one-third of the LGA's jobs. Dee Why is a mixed use centre supporting higher density living.
- Author: coullr

Subject: Highlight

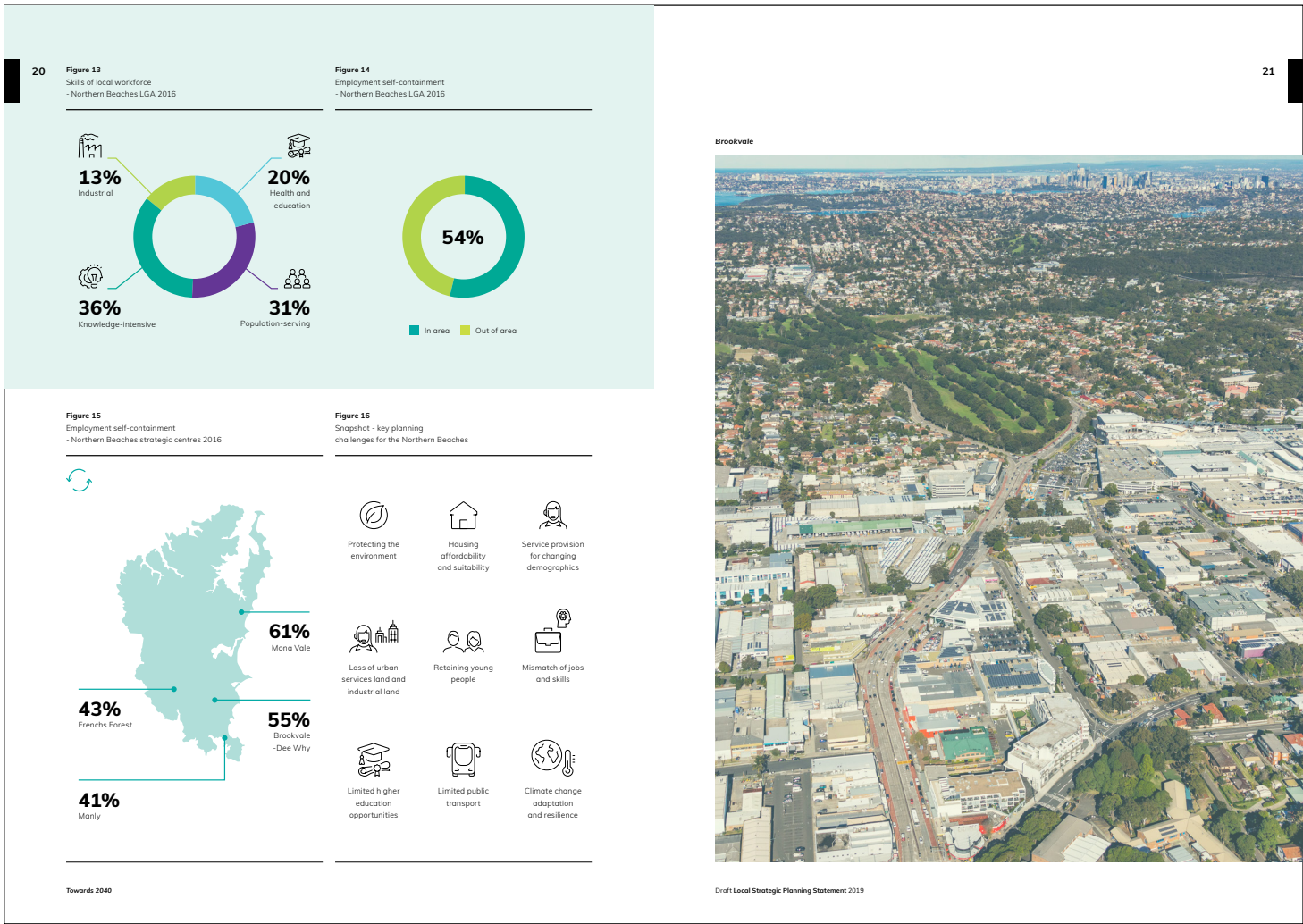
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- Amend infographic:

+8,347

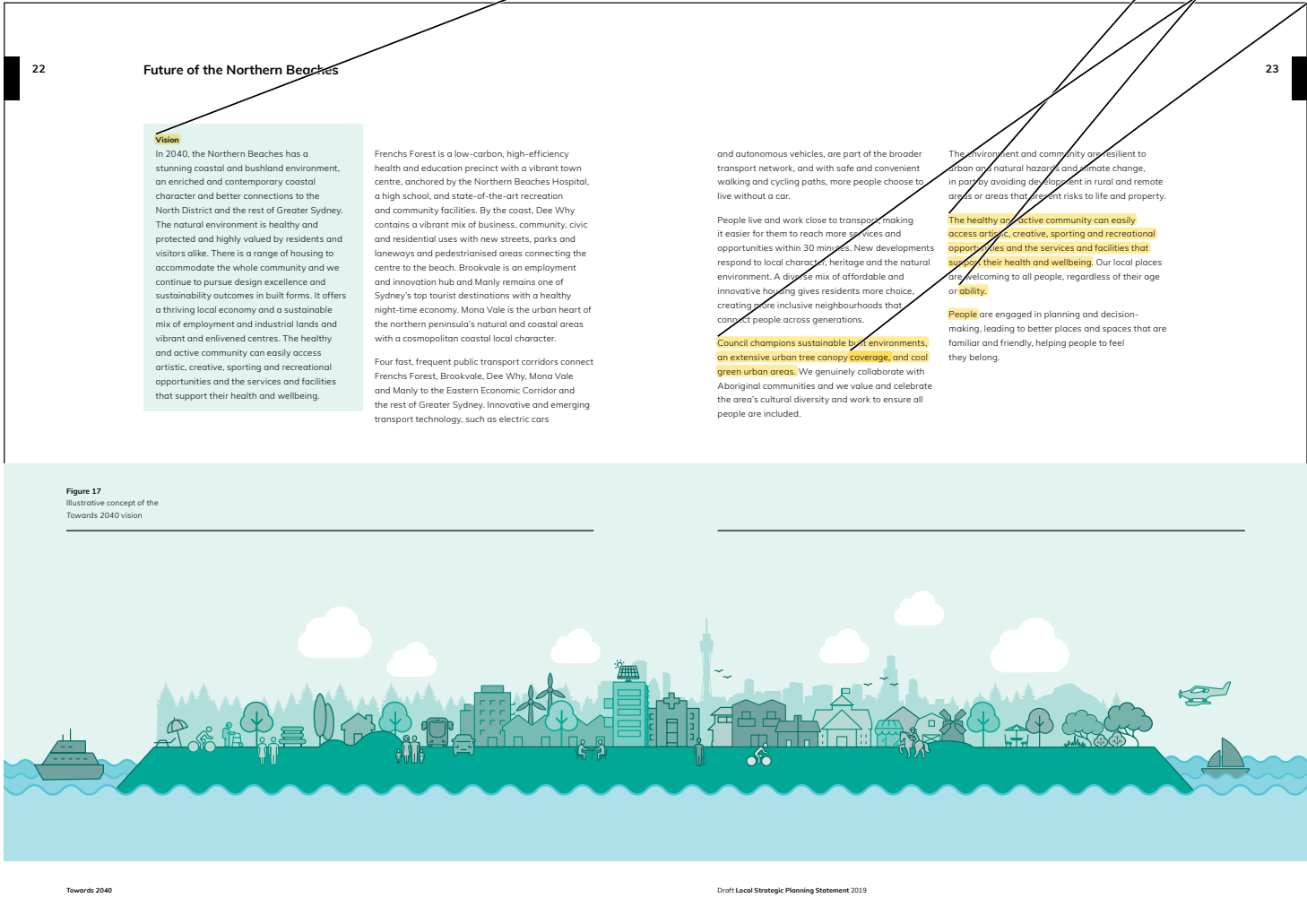








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|                                                                               | Author: Suzy.Lawrence | Subject: Highlight | Date: 14/02/2020 2:42:30 PM  |
| Move 'vision' header up out of text box (as it applies to text on both pages) |                       |                    |                              |
|                                                                               | Author: coullr        | Subject: Highlight | Date: 11/02/2020 11:30:03 AM |
| Delete text (repetition of text in coloured text box)                         |                       |                    |                              |
|                                                                               | Author: Suzy.Lawrence | Subject: Highlight | Date: 14/02/2020 3:40:30 PM  |
| Amend text order:<br>Join these two paragraphs                                |                       |                    |                              |
|                                                                               | Author: Suzy.Lawrence | Subject: Highlight | Date: 14/02/2020 3:40:52 PM  |
| Amend text order:<br>Move to new paragraph below 'people are included'        |                       |                    |                              |
|                                                                               | Author: coullr        | Subject: Highlight | Date: 11/02/2020 11:30:55 AM |
| Delete text                                                                   |                       |                    |                              |



Author: coullr Subject: Sticky Note Date: 11/02/2020 11:31:44 AM

Amend map legend:

- Future MRA investigation area
- Future B-Line link to Newport

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:44:47 PM

Amend map:

- New MRA layer
- Show future transport corridor line between Mona Vale and Newport
- Extend Beaches Link Tunnel investigation area along Wakehurst Parkway to Frenchs Forest



- 

Author: coulr Subject: Highlight Date: 16/01/2020 1:50:30 PM
- 

Amend text:  
9,000-13,000
- 

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:50:42 PM
- 

Amend map:  
New MRA layer
- 

Author: coulr Subject: Highlight Date: 11/02/2020 11:32:50 AM
- 

Add text:  
bushland, coast
- 

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:50:50 PM
- 

Amend map:  
New MRA layer
- 

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:45:33 PM
- 

Amend map legend:  
- Future MRA investigation area
- 

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:50:59 PM
- 

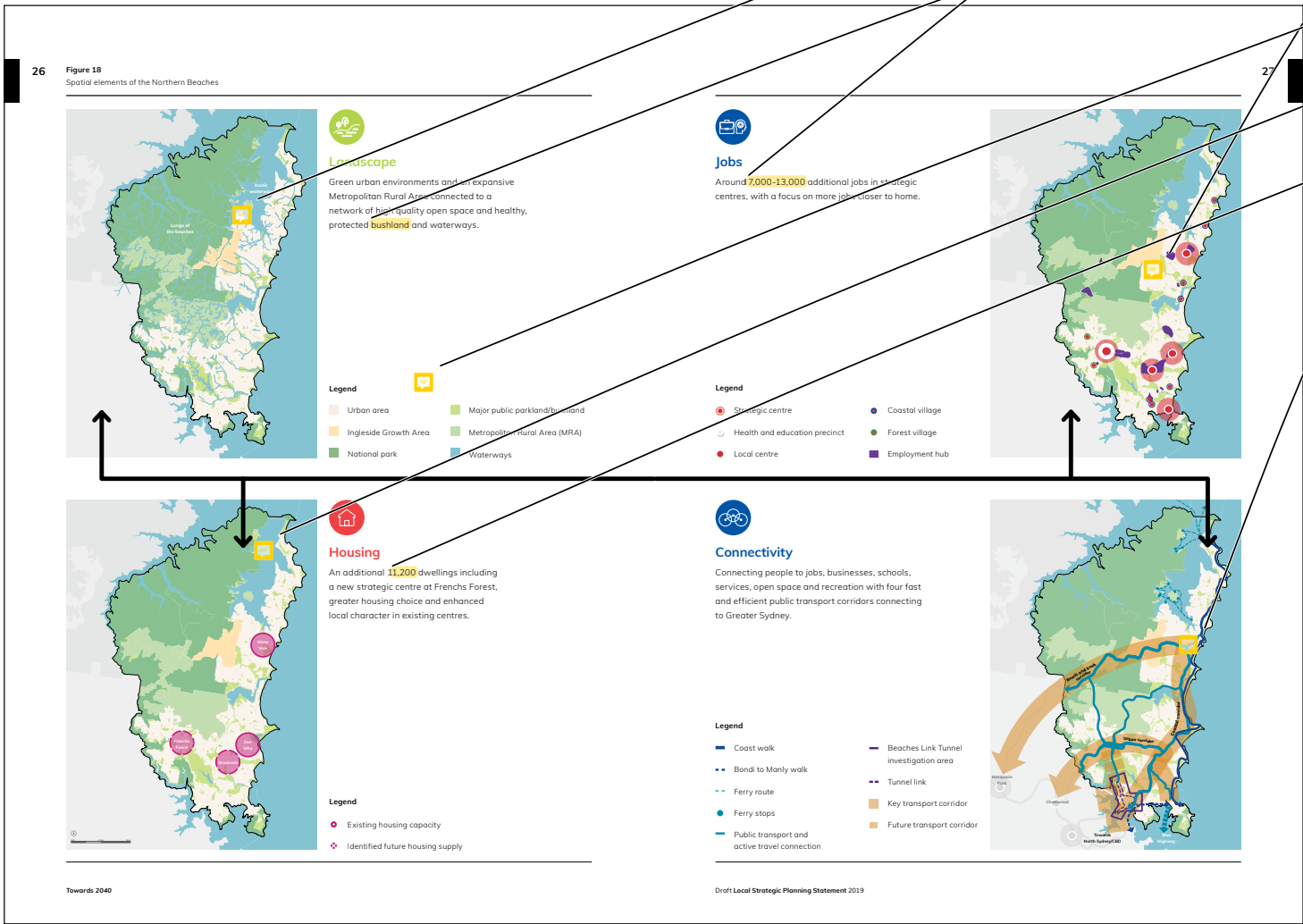
Amend map:  
New MRA layer
- 

Author: coulr Subject: Highlight Date: 16/01/2020 1:51:07 PM
- 

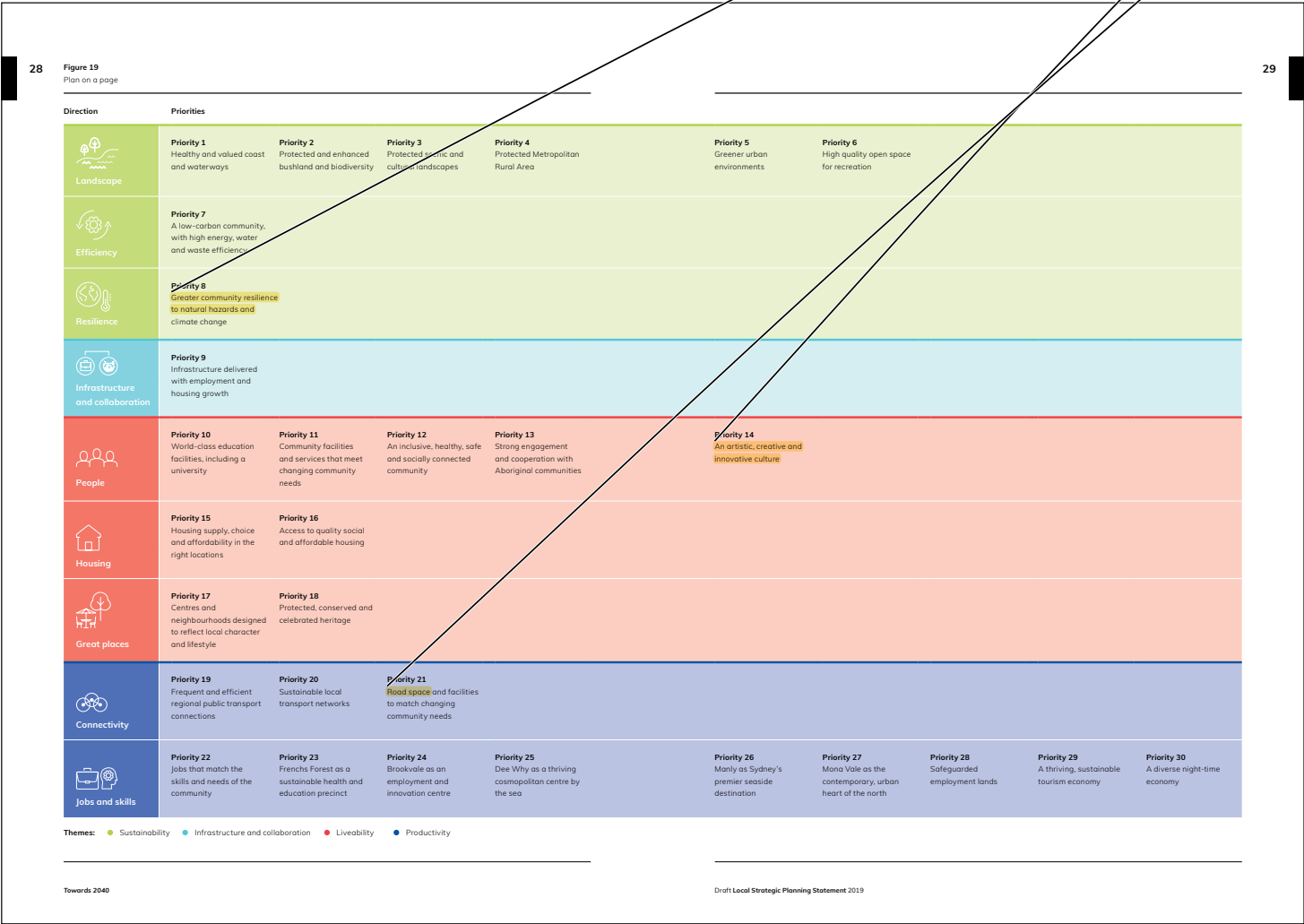
Amend text:  
11,747
- 

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:45:53 PM
- 

Amend map:  
- New MRA layer  
- Show future transport corridor line between Mona Vale and Newport  
- Extend Beaches Link Tunnel investigation area along Wakehurst Parkway to Frenchs Forest

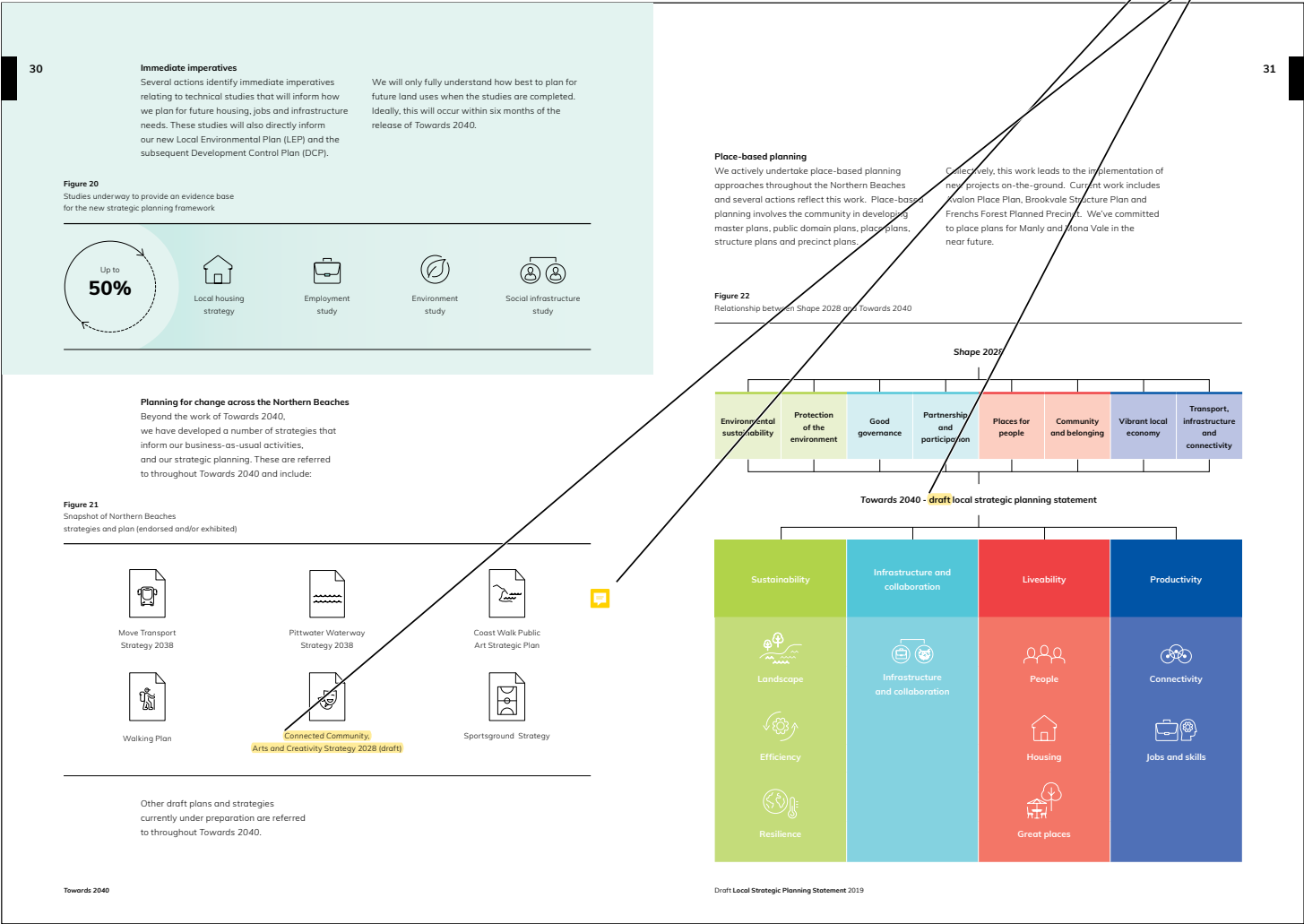


- Author: coullr Subject: Highlight Date: 16/01/2020 1:51:17 PM  
Amend P8 title: Adapted to the impacts of natural and urban hazards and climate change
- Author: coullr Subject: Highlight Date: 16/01/2020 1:51:23 PM  
Amend P14 title: A community enriched through the arts and connected through creativity
- Author: coullr Subject: Highlight Date: 16/01/2020 1:51:30 PM  
Amend P21 title: Redesigned road space





- Author: coulr Subject: Highlight Date: 16/01/2020 1:51:36 PM  
Delete 'draft'
- Author: coulr Subject: Sticky Note Date: 16/01/2020 1:51:43 PM  
Amend infographic, add new icons:  
- Community Participation Plan  
- Protect. Create. Live. - Environment and Climate Change Strategy 2040
- Author: coulr Subject: Highlight Date: 11/02/2020 11:33:34 AM  
Amend text:  
Connected through Creativity  
Arts and Creativity Strategy 2029





32

Managing growth and change

No immediate change is required to current planning controls to meet housing targets.

The local housing strategy will investigate opportunities for changes to the planning controls to address housing needs, such as low levels of social housing and affordable housing, as well as provision of a diversity of housing types that cater for different demographic groups.

Planning proposals seeking changes to the planning controls for additional development capacity through spot rezoning must have strategic merit and site-specific merit. In some cases, these planning proposals may have merit and contribute to targets by unlocking previously identified capacity, particularly where they also have genuine broader public benefit, as well as achieving high-quality planning and urban design outcomes.

Planning proposals that simply seek additional residential density above the current controls will have challenges in demonstrating their strategic merit as they are not necessary to achieve the housing targets and the strategic direction set out in Towards 2040.

Strategic principles for managing growth and change are:

- Proposals must protect and enhance the natural blue grid and the community's environmental values and uses for the coast and waterways (P1)
- Proposals must retain native vegetation and maintain or enhance ecological functions in core areas and wildlife corridors (connection zones) (P2, P15)
- Proposals must protect public view of scenic and cultural landscapes (P3, P15)
- Proposals must not intensify urban uses in the Metropolitan Fringe Area (MFA) (P4)
- Proposals must contribute to the local green grid, retain mature trees and offset tree canopy loss by planting a minimum of two trees for any one tree removed (P5, P15)
- Proposals must reduce the urban heat island effect by increasing the urban tree canopy and green cover, incorporating water-sensitive urban design, and improving building design (P5, P15)
- Proposals must locate development with access to open space. All new residential areas are required to be located within 400m of open space and high-density areas within 200m of open space (P6, P15)

Proposals require a Green Star, NABERS or similar sustainability compliance rating that demonstrates improved building standards and the achievement of a low-carbon development with high efficiency in energy, water and waste (P7, P15)

Proposals must not intensify urban development in areas where there are unacceptable risks from natural and urban hazards (P8, P15)

Proposals must improve resilience to the impacts of climate change (P8)

Proposals in local and strategic centres must be considered through precinct-level planning to sequence and fund growth with provision of public transport, open space and other infrastructure for the local centre (P9, P11, P16, P19)

Proposals must be supported by an infrastructure assessment and demonstrate that demand for the infrastructure it generates can be satisfied. This includes social and transport infrastructure (P9, P11)

Proposals must locate development near strategic and local centres and reasonable walking distance (800m) to high-frequency public transport (P15, P19)

Proposals must positively contribute to the built environment and result in overall better urban design outcomes than existing planning controls (P15)

Proposals must complement local character (P15)

Proposals must result in high amenity for occupants and not unreasonably impact on the amenity of neighbouring properties and the public domain (P16)

Proposals must create a public benefit, such as open space, affordable rental housing and other identified infrastructure needs. A minimum 40% affordable rental housing is required for all planning proposals with higher rates where feasible (P15, P19)

Proposals in strategic and local centres must include an amount and type of non-residential floor space appropriate to the site's location and ensure residential development does not diminish employment or economic opportunities (P22)

Proposals must avoid residential uses in strategic precincts and business parks (P15, P23)

Towards 2040

Draft Local Strategic Planning Statement 2019

|  |               |                                                                                                                                                                                          |                              |
|--|---------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 11/02/2020 11:33:55 AM |
|  |               | Delete text                                                                                                                                                                              |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:30:59 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:08 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:18 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 11/02/2020 11:34:37 AM |
|  |               | Amend principle:<br>ensure new developments and retrofits provide an independent sustainability certificate such as the Green Star Rating Tool, Passive House or a recognised equivalent |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:27 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:38 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:45 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 11/02/2020 11:37:38 AM |
|  |               | Amend principle:<br>avoid intensification of development, inappropriate development and incompatible land uses in areas exposed to                                                       |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:31:51 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 22/01/2020 11:15:13 AM |
|  |               | Amend principle:<br>ensure new buildings are high amenity and do not unreasonably impact on neighbouring properties and the public domain                                                |                              |
|  | Author: coulr | Subject: Sticky Note                                                                                                                                                                     | Date: 22/01/2020 11:12:09 AM |
|  |               | Improve legibility:<br>Change all 'P' references to 'Priority' in this section e.g. (Priority 3), rather than (P3).                                                                      |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:00 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:07 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 16/01/2020 11:55:07 AM |
|  |               | Fix spacing                                                                                                                                                                              |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:15 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:22 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 11/02/2020 11:39:37 AM |
|  |               | Amend principle:<br>avoid urban intensification in the                                                                                                                                   |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:30 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 16/01/2020 1:52:24 PM  |
|  |               | Amend text:<br>(MRA) and future MRA investigation area                                                                                                                                   |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 22/01/2020 11:15:59 AM |
|  |               | Amend principle:<br>use precinct                                                                                                                                                         |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 22/01/2020 11:16:11 AM |
|  |               | Amend principle:<br>planning in strategic centres                                                                                                                                        |                              |
|  | Author: coulr | Subject: Cross-Out                                                                                                                                                                       | Date: 22/01/2020 11:32:39 AM |
|  |               | Amend principle                                                                                                                                                                          |                              |
|  | Author: coulr | Subject: Highlight                                                                                                                                                                       | Date: 11/02/2020 11:38:36 AM |

Comments from page 17 continued on next page

Managing growth and change

No immediate change is required to current planning controls to meet housing targets.

The local housing strategy will investigate opportunities for changes to the planning controls to address housing needs, such as low levels of social housing and affordable housing, as well as provision of a diversity of housing types that cater for different demographic groups.

Planning proposals seeking changes to the planning controls for additional development capacity through spot rezoning must have strategic merit and site-specific merit. In some cases, these planning proposals may have merit and contribute to targets by unlocking previously identified capacity, particularly where they also have genuine broader public benefit, as well as achieving high-quality planning and urban design outcomes.

Planning proposals that simply seek additional residential density above the current controls will have challenges in demonstrating their strategic merit as they are not necessary to achieve the housing targets and the strategic direction set out in Towards 2040.

Strategic principles for managing growth and change are:

- Proposals must protect and enhance the natural blue grid and the community's environmental values and uses for the coast and waterways (P1)
- Proposals must retain native vegetation and maintain or enhance ecological functions in core areas and wildlife corridors (connection zones) (P2, P15)
- Proposals must protect public view, scenic and cultural landscapes (P3, P15)
- Proposals must not intensify urban uses in the Metropolitan Rural Area (MRA) (P4)
- Proposals must contribute to the local green grid, retain mature trees and offset tree canopy loss by planting a minimum of two trees for any one tree removed (P5, P15)
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- Proposals require a Green Star, NABERS or similar sustainability compliance rating that demonstrates improved building standards and the achievement of a low-carbon development with high efficiency in energy, water and waste (P7, P15)
- Proposals must not intensify urban development in areas where there are unacceptable risks from natural and urban hazards (P8, P15)
- Proposals must improve resilience to the impacts of climate change (P9)
- Proposals in local and strategic centres must be considered through precinct-level planning to sequence and fund growth with provision of public transport, open space and other infrastructure for the whole centre (P9, P11, P15, P19)
- Proposals must be supported by an infrastructure assessment and demonstrate that demand for the infrastructure it generates can be satisfied. This includes social and transport infrastructure (P9, P11)
- Proposals must locate development near strategic and local centres and reasonable walking distance (800m) of high-frequency public transport (P15, P19)

- Proposals must positively contribute to the built environment and result in overall better urban design outcomes than existing planning controls (P15)
- Proposals must retain local character (P15)
- Proposals must not result in high amenity for occupants and not unreasonably impact on the amenity of neighbouring properties and the public domain (P15)
- Proposals must create a public benefit, such as open space, affordable rental housing and other identified infrastructure needs. A minimum 10% affordable rental housing is required for all planning proposals, with higher rates where feasible (P15, P16)
- Proposals in strategic and local centres must include an amount and type of non-residential floor space appropriate to the site's location and ensure residential development does not diminish employment or economic opportunities (P22)
- Proposals must avoid residential uses in industrial precincts and business parks (P15, P26)

Amend text:  
that identified in the local housing strategy

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:33:46 AM  
Amend principle

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:33:53 AM  
Amend principle

Author: coullr Subject: Highlight Date: 22/01/2020 11:16:33 AM  
Amend principle:  
increase

Author: coullr Subject: Cross-Out Date: 4/12/2019 1:00:04 PM

Author: coullr Subject: Highlight Date: 11/02/2020 11:39:18 AM  
Amend principle:  
provide an amount

Author: coullr Subject: Highlight Date: 22/01/2020 11:16:54 AM  
Amend principle:  
ensure new development is supported by an infrastructure

Author: coullr Subject: Highlight Date: 22/01/2020 11:17:03 AM  
Amend principle:  
infrastructure and building

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:34:04 AM  
Amend principle

Author: coullr Subject: Highlight Date: 22/01/2020 11:17:12 AM  
Amend principle:  
ensure new residential development is

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:34:23 AM  
Amend principle

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:34:14 AM  
Amend principle

Author: coullr Subject: Highlight Date: 22/01/2020 11:17:25 AM  
Amend principle:  
in

Author: coullr Subject: Highlight Date: 11/02/2020 11:41:06 AM  
Amend principle:  
safeguard employment lands from non-compatible uses, particularly residential and mixed-use development

Author: coullr Subject: Highlight Date: 22/01/2020 11:17:34 AM  
Amend principle:  
and within



This page contains no comments



Author: coullr Subject: Highlight Date: 16/01/2020 1:53:03 PM  
Amend text:  
aquatic

Author: coullr Subject: Highlight Date: 11/02/2020 11:42:18 AM  
Amend infographic:  
4

Author: coullr Subject: Highlight Date: 22/01/2020 11:18:54 AM  
Amend infographic:  
Delete 'national'

36

### Landscape

The LGA's environmental and recreational attributes are perhaps the most critical element of the Northern Beaches lifestyle.

#### Planning priorities

- Priority 1**  
Healthy and valued coast and waterways
- Priority 2**  
Protected and enhanced bushland and biodiversity
- Priority 3**  
Protected scenic and cultural landscapes

- Priority 4**  
Protected Metropolitan Rural Area
- Priority 5**  
Greener urban environments
- Priority 6**  
High quality open space for recreation

### Priority 1

Healthy and valued coast and waterways

The Northern Beaches' coast and waterways provide habitat for Endangered Ecological Communities, migratory birds, fish, aquatic and riparian species, and **marine** vegetation. They cool urban areas, attract visitors and encourage people to be active. Sydney Harbour, Hawkesbury River and Pittwater support a thriving marine industry.

#### Figure 23

Key facts - Northern Beaches coast and waterways

##### Coast

80km

Coastline

24

Ocean beaches

27

Coastal and public rock pools

36km

Coastal walkway

5

Aquatic reserves

2

National surfing reserves

5

Intertidal protected areas

##### Waterways

7

Major catchments

250km

Creek lines

5

Coastal lagoons

3

Major estuaries

600km

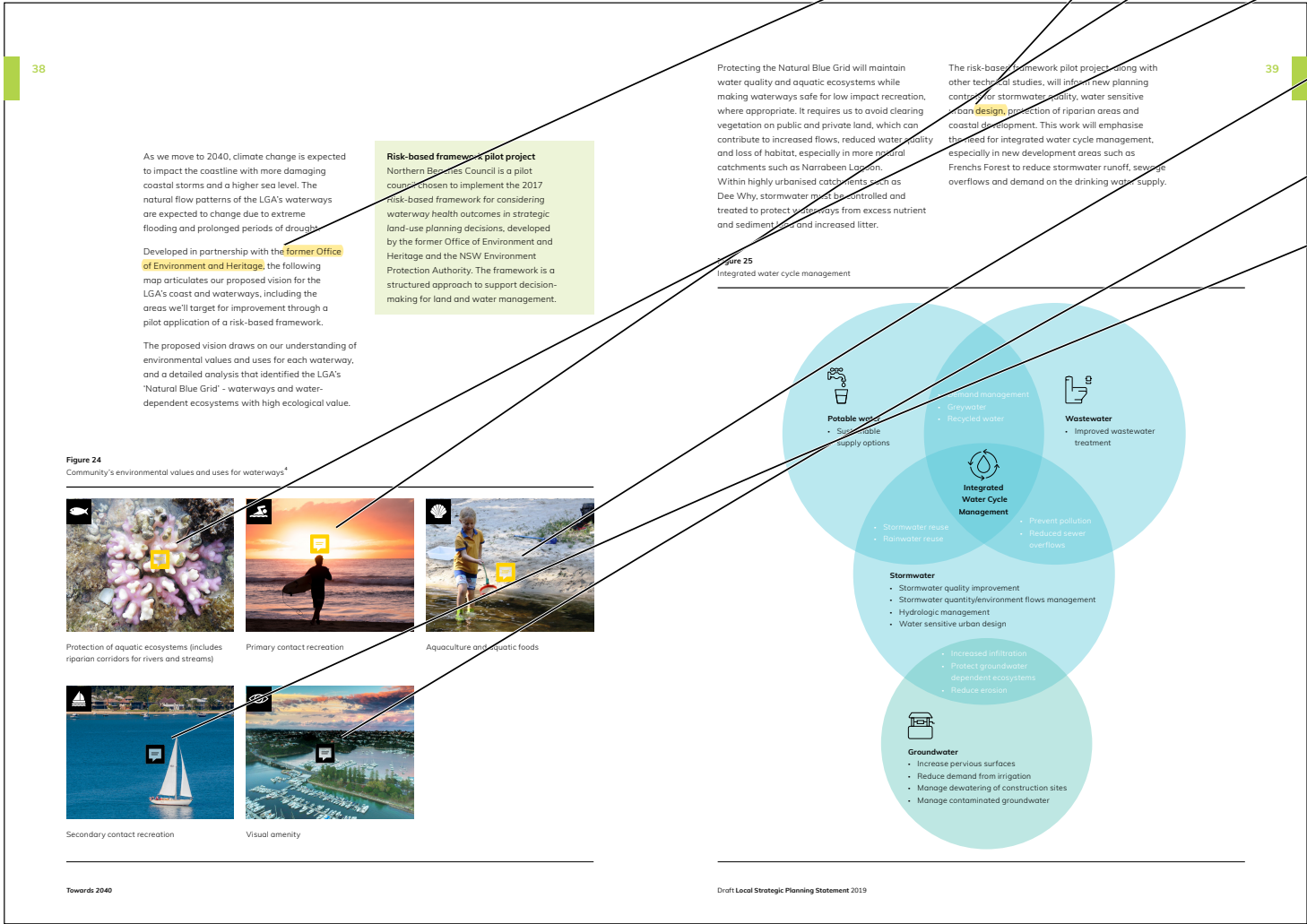
Stormwater pipes

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- Author: coulr Subject: Highlight Date: 16/01/2020 1:53:11 PM  
Amend text:  
design (including greater permeability for public and private domain),
- Author: coulr Subject: Highlight Date: 11/02/2020 11:43:04 AM  
Amend text:  
Department of Planning, Industry and Environment
- Author: coulr Subject: Sticky Note Date: 22/01/2020 11:22:17 AM  
Amend infographic:  
Change photo
- Author: coulr Subject: Sticky Note Date: 22/01/2020 11:22:30 AM  
Amend infographic:  
Change photo
- Author: coulr Subject: Sticky Note Date: 22/01/2020 11:22:42 AM  
Amend infographic:  
Change photo
- Author: Suzy.Lawrence Subject: Sticky Note Date: 14/02/2020 2:43:54 PM  
Amend infographic:  
Change photo
- Author: Suzy.Lawrence Subject: Sticky Note Date: 14/02/2020 2:43:42 PM  
Amend infographic:  
Change photo

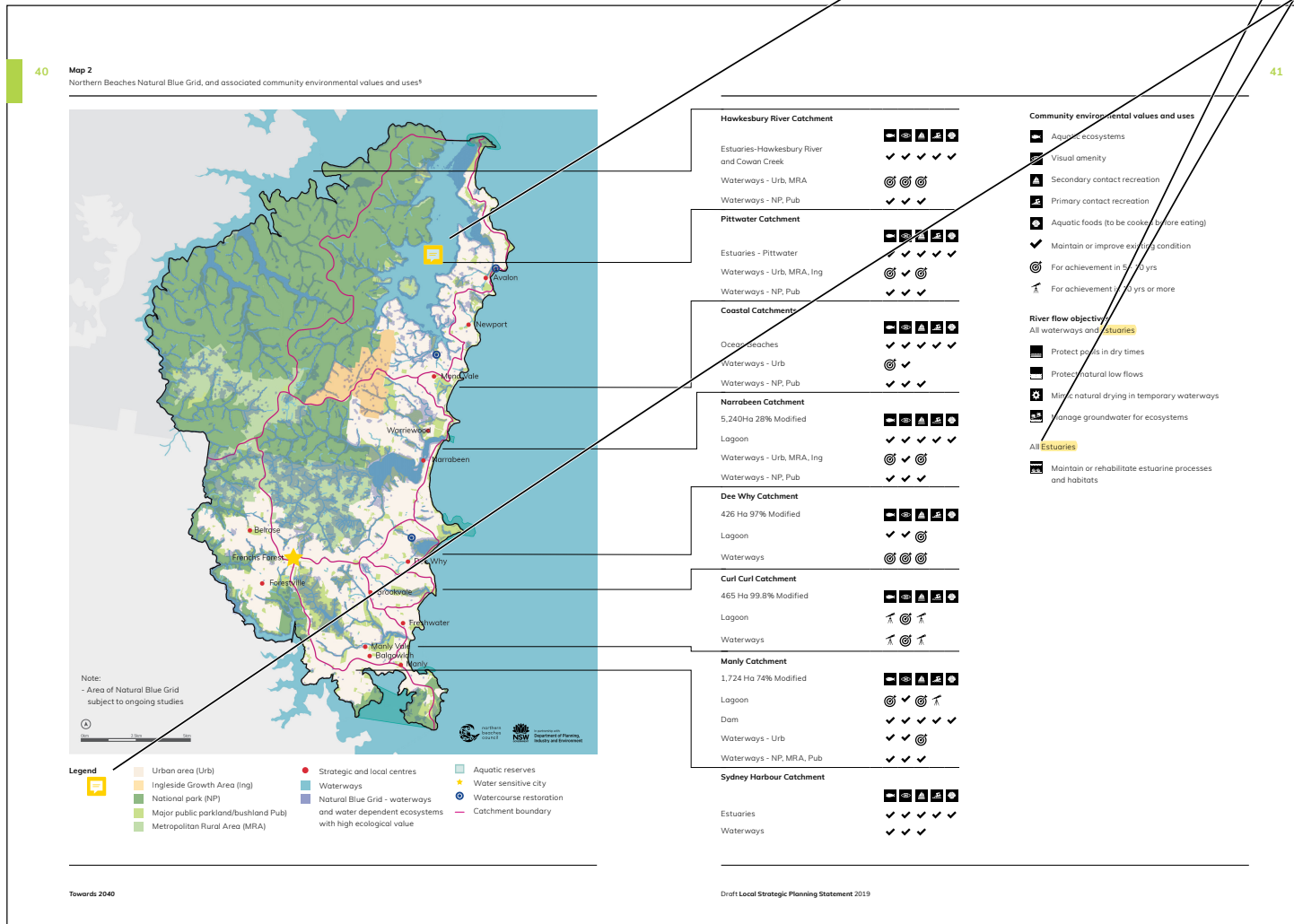


Author: coullr Subject: Sticky Note Date: 16/01/2020 1:48:18 PM  
Amend map:  
- New MRA layer  
- Fix/replace HEV layer to include HEV in Pittwater and to exclude HEV in ocean off Manly Beach

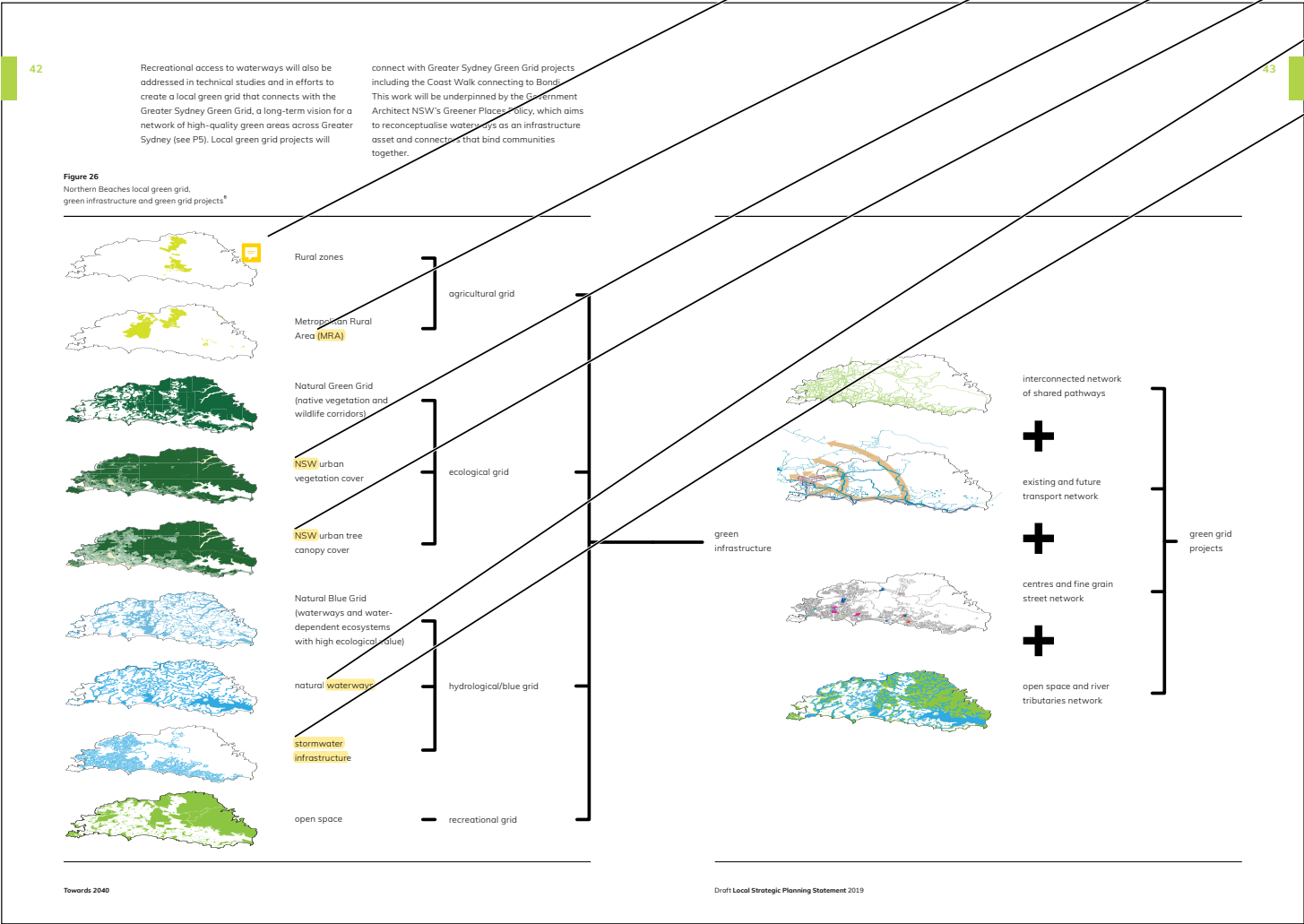
Author: coullr Subject: Highlight Date: 11/02/2020 11:43:45 AM  
Amend map legend:  
estuaries: maintain or improve existing condition

Author: coullr Subject: Highlight Date: 11/02/2020 11:44:07 AM  
Amend map legend:  
estuaries: maintain or improve existing condition

Author: coulr Subject: Sticky Note Date: 16/01/2020 1:53:37 PM  
Amend map legend:  
- Future MRA investigation area







Author: coullr Subject: Sticky Note Date: 16/01/2020 1:53:43 PM  
Amend infographic:  
- Add north point  
- New MRA layer  
- New HEV layer from Map 2

Author: coullr Subject: Highlight Date: 22/01/2020 11:27:05 AM  
Amend infographic:  
(MRA) and future MRA investigation area

Author: coullr Subject: Highlight Date: 11/02/2020 11:45:38 AM  
Delete text

Author: coullr Subject: Highlight Date: 11/02/2020 11:45:52 AM  
Delete text

Author: Suzy.Lawrence Subject: Highlight Date: 22/01/2020 11:27:13 AM  
Amend infographic:  
waterways (including groundwater aquifers - not shown in map)

Author: Suzy.Lawrence Subject: Highlight Date: 22/01/2020 11:27:22 AM  
Amend infographic:  
water infrastructure (for example, stormwater, potable water, grey water recycling systems)

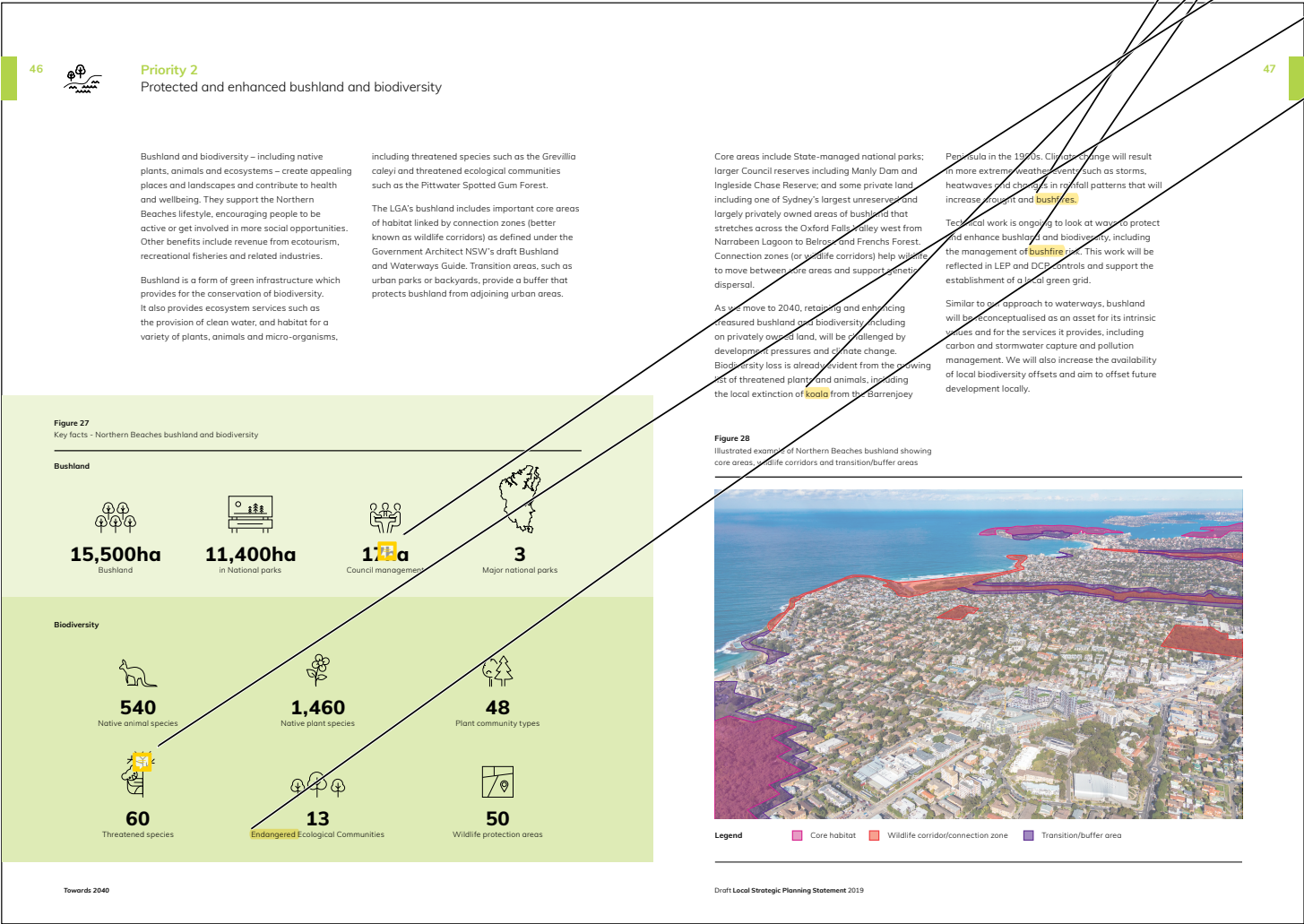
| Principles                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                          |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>Protect and enhance the ecological condition of coastal areas, <b>catchments, waterways</b> (wetlands, watercourses, lagoons and estuaries) and their riparian areas.</li> <li><b>Shape decisions for future water infrastructure around the implications of climate change.</b></li> <li>Improve the quality of water discharged to beaches, waterways, riparian areas and bushland.</li> <li><b>Integrate</b> water sensitive urban design measures into the built form.</li> </ul> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | <ul style="list-style-type: none"> <li>Conserve watercourses or restore them to their natural state where possible.</li> <li>Encourage water efficiency, water re-use or alternative water sources to reduce potable water use.</li> </ul> <p>Protect and enhance sustainable recreation at beaches, lagoons, watercourses, wetlands and surrounding riparian or natural areas without compromising the integrity of environmentally sensitive aquatic and riparian habitats.</p> |                                                                                          |
| No.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Partner                                                                                  |
| 1.1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Prepare a stormwater quality management plan to guide implementation of the risk-based framework, identify stormwater quality targets, and prioritise public and private stormwater infrastructure needs                                                                                                                                                                                                                                                                             | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DPIE                                                                                     |
| 1.2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Prepare an environment study to inform best-practice land use responses to growth and climate change                                                                                                                                                                                                                                                                                                                                                                                 | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |
| 1.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Develop LEP and DCP controls that incorporate the findings of the above studies, including stormwater quality <b>targets</b> , protection of riparian areas; coastal hazard management and criteria for environmentally friendly sea walls                                                                                                                                                                                                                                           | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |
| 1.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Prepare an open space and recreation strategy and <b>expand</b> the green grid that supports environmentally sustainable access to waterways where appropriate                                                                                                                                                                                                                                                                                                                       | I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DPIE  |
| 1.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>Develop our Environment and Climate Change Strategy</b> Protect, Create, Live and <b>associated</b> action plans for coastal areas and waterways                                                                                                                                                                                                                                                                                                                                  | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |
| 1.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Prepare long-term coastal management programs for the open coast, Hawkesbury River and Sydney Harbour and supporting plans for headlands, dunes and emergency response                                                                                                                                                                                                                                                                                                               | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DPIE                                                                                     |
| 1.7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Implement the Pittwater Waterway Strategy, including new LEP and DCP controls that cap mooring numbers at 3,641                                                                                                                                                                                                                                                                                                                                                                      | S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | M                                                                                        |
| 1.8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Expand the W2 zone, subject to a strategic sites assessment, to permit, with consent, sustainable marina expansion. Marina expansion would only be considered subject to appropriate regard being given to all impacts including, but not limited to, environmental, social, economic; transport, traffic, visual and waterway navigation                                                                                                                                            | M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                          |
| 1.9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Investigate the feasibility of local green grid projects: <ol style="list-style-type: none"> <li>a continuous foreshore path around the Pittwater waterway</li> <li>a new boat ramp on Pittwater to cater for medium to larger boats</li> <li>naturalisation of creeks at Dee Vale, Minto Vale and Avalon</li> <li>new -sensitive reserves for areas of high biodiversity <b>value</b></li> </ol> | M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |       |

Narrabeen Lagoon

Towards 2040

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|                                                                                     |                                                    |                      |                              |
|-------------------------------------------------------------------------------------|----------------------------------------------------|----------------------|------------------------------|
|  | Author: Suzy.Lawrence                              | Subject: Highlight   | Date: 14/02/2020 3:41:32 PM  |
|                                                                                     | Amend text:<br>bush fires.                         |                      |                              |
|  | Author: coullr                                     | Subject: Highlight   | Date: 11/02/2020 11:47:29 AM |
|                                                                                     | Fix typo                                           |                      |                              |
|  | Author: coullr                                     | Subject: Highlight   | Date: 16/01/2020 1:55:52 PM  |
|                                                                                     | Amend text:<br>koalas                              |                      |                              |
|  | Author: coullr                                     | Subject: Sticky Note | Date: 16/01/2020 1:55:58 PM  |
|                                                                                     | Amend infographic:<br>1,700ha                      |                      |                              |
|  | Author: coullr                                     | Subject: Sticky Note | Date: 22/01/2020 11:28:03 AM |
|                                                                                     | Amend infographic:<br>Change koala icon to penguin |                      |                              |
|  | Author: coullr                                     | Subject: Highlight   | Date: 11/02/2020 11:47:54 AM |
|                                                                                     | Amend text:<br>Threatened                          |                      |                              |



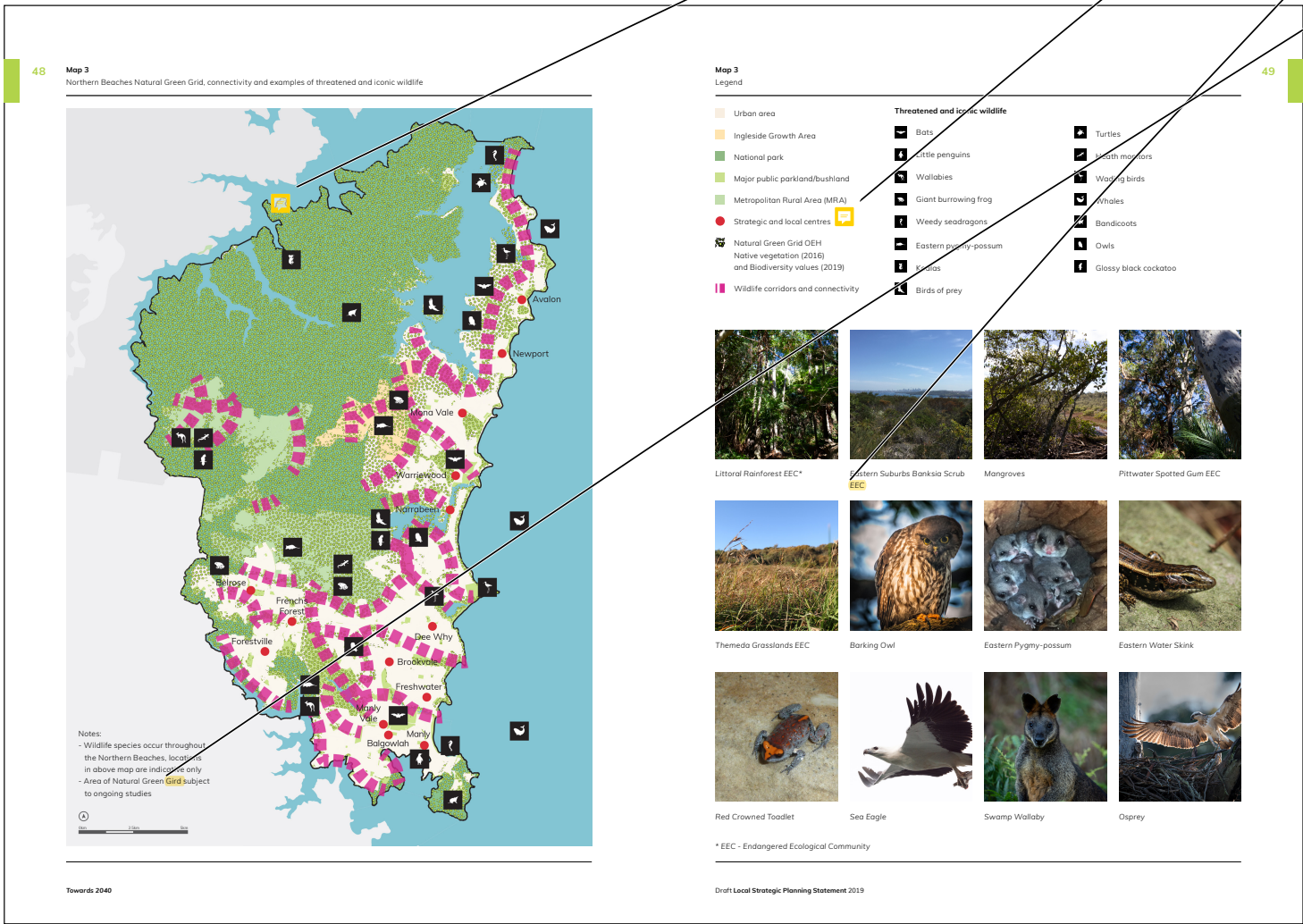


Author: coullr Subject: Sticky Note Date: 11/02/2020 11:48:46 AM  
Amend map:  
- Little penguin area of outstanding biodiversity value  
- New MRA layer

Author: coullr Subject: Sticky Note Date: 11/02/2020 11:49:10 AM  
Amend map legend:  
- Future MRA investigation area  
- Little penguin area of outstanding biodiversity value (formerly critical habitat)

Author: coullr Subject: Highlight Date: 11/02/2020 11:49:44 AM  
Amend text:  
Critically Endangered EEC

Author: coullr Subject: Highlight Date: 16/01/2020 1:56:45 PM  
Fix typo



50



52

Priority 3

Protected scenic and cultural landscapes

Scenic and cultural landscapes include views to sculptures, ridgetops, bushland, coastal headlands and beaches, waterways, and buildings or skylines. They define the character of an area.

People in the Northern Beaches enjoy coastal and bushland landscapes including Ku-ring-gai, Garigal and North Head national parks, Oxford Falls Valley and Manly Dam, Pittwater and Middle Harbour and the coastline from Manly to Palm Beach. People also enjoy views to the Sydney CBD skyline or distinct buildings like Ingleside's Bahai Temple and the International College of Management in Manly.

Landscapes provide a link for Aboriginal culture and heritage from before European settlement to the present. The coastline is a place for surfing, swimming and surf lifesaving clubs and represents Australian beach culture and that of our local community.

LGA-wide studies will identify the scenic and cultural landscapes that are valued by the community and how they can be protected, such as through urban and architectural design that creatively retains and uncovers public views.

Efforts to protect scenic and cultural landscapes will support a sustainable tourism economy (see P29) and a protected Metropolitan Rural Area will safeguard rural vistas and views to the adjoining national parks (see P4). The development of a local green grid will allow us to connect these landscapes through projects like the Coast Walk and celebrate their significance through artwork, storytelling and interpretation (see P6).

Principles

- Enhance and protect views of scenic and cultural landscapes from public areas.
- Protect areas of exceptional natural beauty and aesthetic importance.
- Make new development visually subservient to scenic and cultural landscapes.

| No. | Action                                                                                                                                                                                       | Time | Partner |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| 3.1 | Prepare a scenic and cultural landscape assessment with the community to identify landscapes and their social, architectural, natural, local and regional values                             | I    |         |
| 3.2 | Develop LEP and DCP contents to protect views and scenic and cultural landscapes, such as foreshore scenic protection areas and special clauses for building heights on steeply sloping land | I    |         |

Map 4

Scenic and cultural landscapes in the LGA, including lookouts, coastal landmarks and high-level view corridors

Legend

- Popular lookouts
- View corridor
- Locally famous surf breaks
- National surfing reserves
- Coast walk

53

Author: coullr Subject: Highlight Date: 16/01/2020 1:57:39 PM

Amend text:  
headlands, ocean, harbour,

Author: coullr Subject: Highlight Date: 16/01/2020 1:57:44 PM

Amend text:  
Area (MRA) and MRA investigation area

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:57:55 PM

Amend map:  
- Correct location of coast walk  
- Add Manly to Bondi walk  
- Add new view corridor towards former Manly Hospital Site/ North Head

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:58:06 PM

New principles:  
Protect the natural landscape, including landforms, rock outcrops and remnant bushland.

Avoid new development on ridgelines or in places that will disrupt the skyline.

Author: coullr Subject: Highlight Date: 16/01/2020 1:58:13 PM

Amend action:  
views, skylines

Author: coullr Subject: Highlight Date: 16/01/2020 1:58:18 PM

Amend action:  
and significant ridgelines

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:58:25 PM

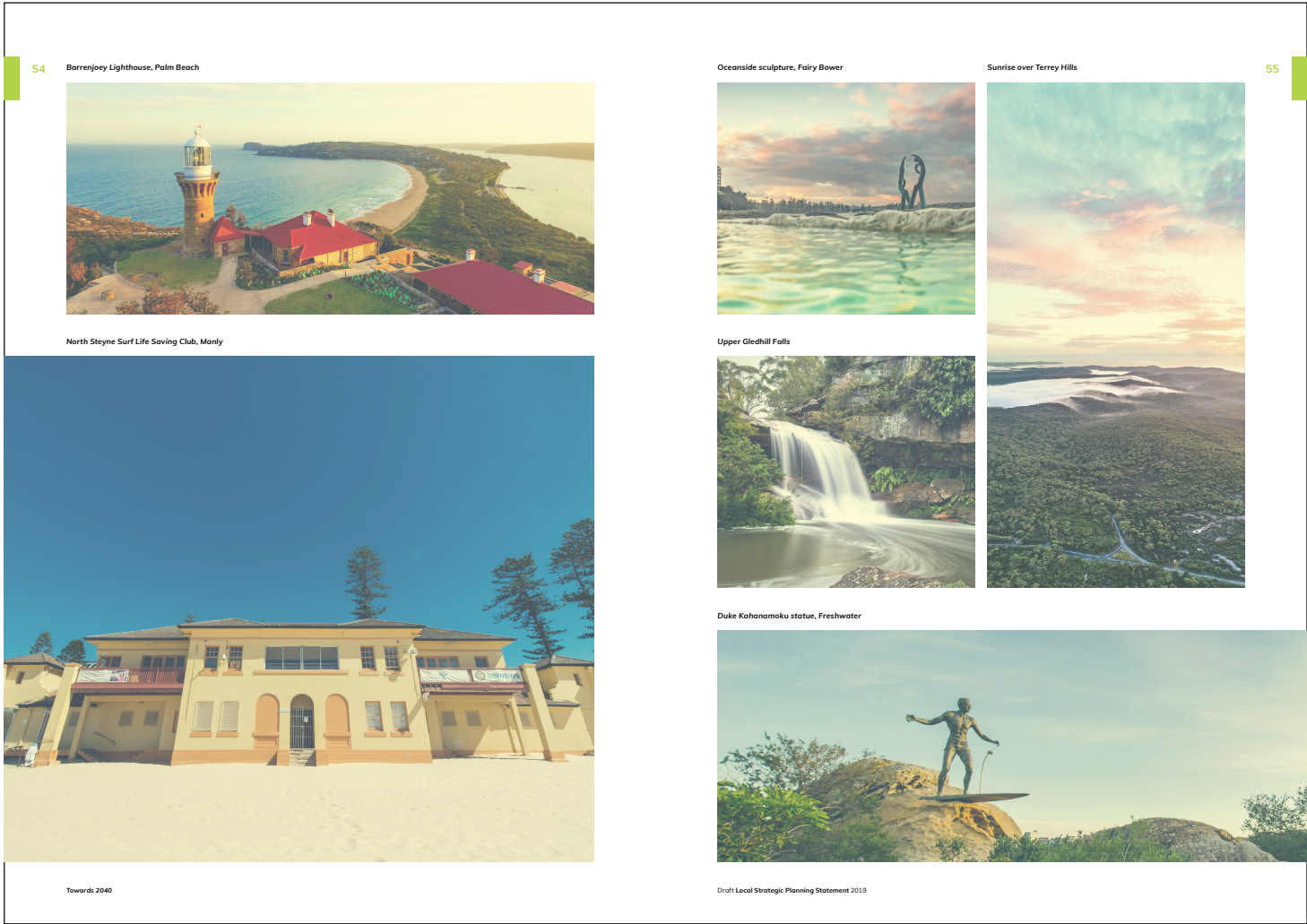
Amend map legend:  
- Bondi to Manly Walk

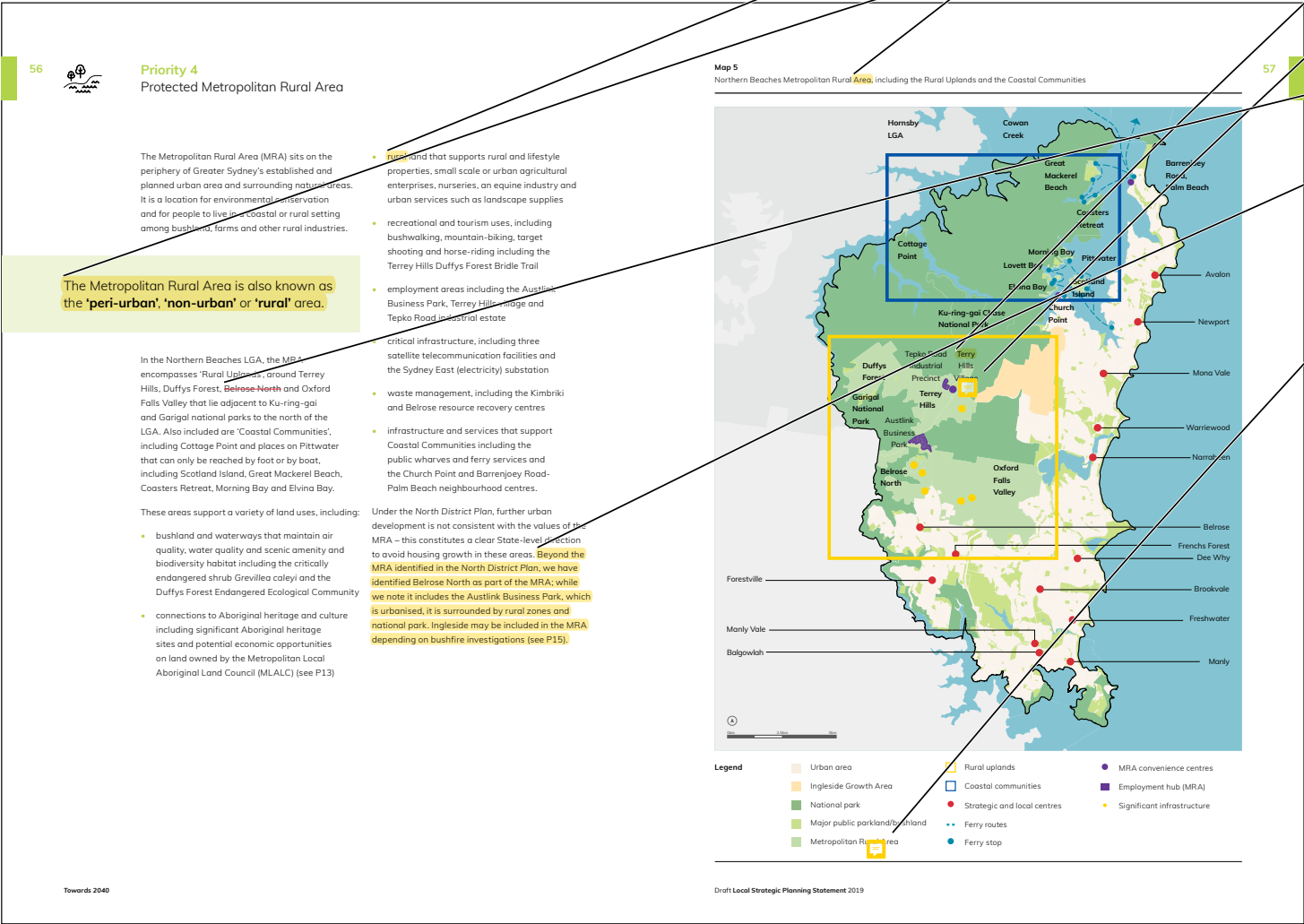
Author: coullr Subject: Highlight Date: 22/01/2020 11:29:26 AM

Amend map legend:  
Delete 'national'

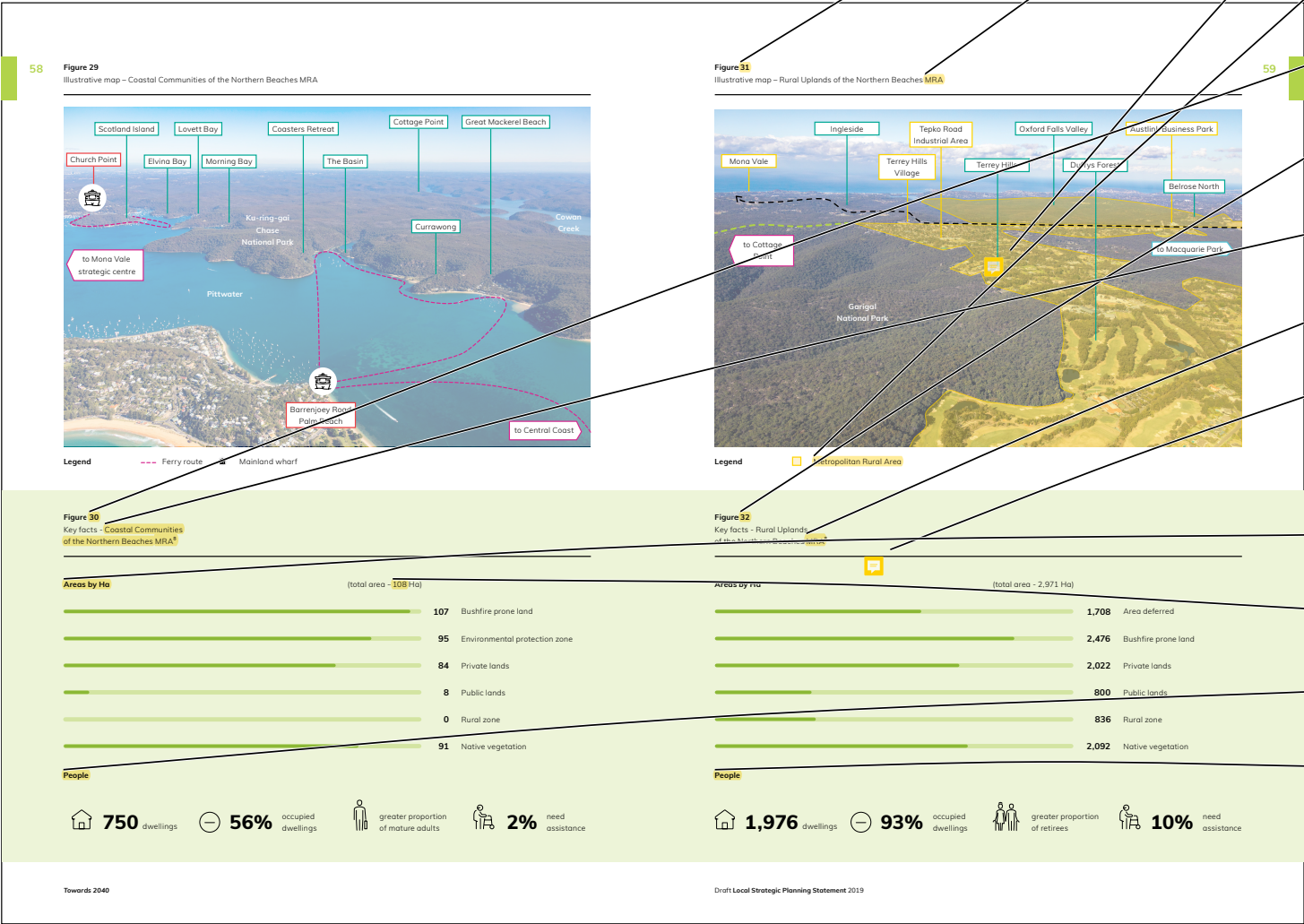
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|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |                              |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 16/01/2020 1:58:34 PM  |
|  | Amend text:<br>Area (MRA) and future MRA investigation area,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 22/01/2020 11:29:48 AM |
|  | Amend text:<br>Delete 'rural'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 13/02/2020 1:14:06 PM  |
|  | Amend text box:<br>The Metropolitan Rural Area is a similar concept to Sydney's 'Green Belt' identified in the 1948 Cumberland Plan scheme. It is also referred to as the 'peri-urban', 'non-urban', 'rural' or 'urban fringe'.                                                                                                                                                                                                                                                                                                                                                                                         |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 16/01/2020 1:22:27 PM  |
|  | Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Sticky Note | Date: 16/01/2020 1:58:57 PM  |
|  | Amend map:<br>- New MRA layer to show 'future MRA investigation area'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Cross-Out   | Date: 22/01/2020 11:30:13 AM |
|  | Amend text:<br>Delete 'Belrose North'                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 16/01/2020 1:59:04 PM  |
|  | Amend text:<br>Parts of Oxford Falls (south), Cromer Heights (west) and Belrose North, are not currently identified as part of the MRA in the <i>Greater Sydney Region Plan</i> but share many of its traits and characteristics. Council has identified this land area as 'Future MRA investigation area', and will work with the Greater Sydney Commission to assess its suitability for inclusion in the MRA when the <i>Greater Sydney Region Plan</i> is reviewed. Using the precautionary principle, Council will apply the principles and actions in this priority to these lands until that review is complete. |                      |                              |
|  | Author: coulr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Subject: Sticky Note | Date: 16/01/2020 1:59:15 PM  |
|  | Amend map legend:<br>- Future MRA investigation area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                      |                              |



Author: coulr Subject: Highlight Date: 22/01/2020 11:38:17 AM  
Amend text:  
30

Author: coulr Subject: Highlight Date: 13/02/2020 1:19:34 PM  
Amend text:  
MRA including future MRA investigation area

Author: coulr Subject: Sticky Note Date: 22/01/2020 11:41:02 AM  
Amend infographic:  
- Show Ingleside  
- Fix boundary alignment

Author: coulr Subject: Highlight Date: 13/02/2020 1:15:20 PM  
Amend infographic legend:  
- Rural uplands including MRA and future MRA investigation area  
- Ingleside

Author: coulr Subject: Highlight Date: 22/01/2020 11:39:11 AM  
Amend text:  
31

Author: coulr Subject: Highlight Date: 22/01/2020 11:40:41 AM  
Amend infographic:  
Merge  
Delete (two infographics merged into one)

Author: coulr Subject: Highlight Date: 16/01/2020 1:59:55 PM  
Amend text:  
Northern Beaches MRA and future MRA investigation area

Author: coulr Subject: Highlight Date: 16/01/2020 2:00:02 PM  
Amend text:  
MRA and future MRA investigation area

Author: coulr Subject: Sticky Note Date: 13/02/2020 1:18:11 PM  
Amend infographic:  
- Add new graph showing areas by hectare for the MRA compared with the LGA  
- Replace the two 'areas by hectare' graphs with three graphs and updated statistics representing areas by hectare for:  
1. Coastal Communities  
2. Rural Uplands as per the Greater Sydney Region Plan  
3. Rural uplands future MRA investigation area

Author: coulr Subject: Highlight Date: 16/01/2020 2:00:15 PM  
Amend text:  
Coastal Communities - areas by Ha

Author: coulr Subject: Highlight Date: 16/01/2020 2:00:21 PM  
Amend text:  
148

Author: coulr Subject: Highlight Date: 16/01/2020 2:00:27 PM  
Amend text:  
Coastal Communities - People

Author: Suzy.Lawrence Subject: Highlight Date: 13/02/2020 1:16:22 PM  
Amend text:  
Rural Uplands including future MRA investigation area - People



60

Not all properties within the MRA have access to reticulated water or sewerage; improvements to sewer tanks, connections to water or sewer or other alternatives are needed to manage environmental impacts. Coastal communities rely on areas outside their communities for goods, community and retail services and waste removal. While these issues are managed now, sustainable solutions are required, especially in peak seasons and as visitation increases.

Environmental attributes on public lands are mostly protected from development, yet conservation on private land remains a challenge. Opportunities to protect and enhance the MRA's environmental attributes include:

- preventing further lot fragmentation which may constrain long-term opportunities for conservation (with smaller lots creating barriers to consolidation)
- using biodiversity offsets, other funding incentives and stewardship agreements for environmental projects
- revegetating streams, planting trees and improving habitat, biodiversity and amenity
- drawing on privately initiated actions or targeted incentives such as Landcare grants, volunteering or other environmental funds
- setting appropriate land use rules and regulations to manage development.

Of the land owned by the MLALC, we will be guided by the principles established in the Aboriginal Land Rights Act 1983 to work with the MLALC, surrounding landowners and the community to balance environmental and rural needs with economic participation and cultural use of the land by Aboriginal people (see P13).

**Deferred lands**  
Oxford Falls Valley and Belrose North are known as 'deferred lands' as they are still subject to planning controls from the former Warringah Local Environmental Plan 2000 (WLEP 2000). The Oxford Falls Valley and Belrose North Strategic Review informed a draft planning proposal that recommended the majority of this area be zoned for environmental protection, with smaller areas dedicated to either rural or residential zones (large lot or low density housing).

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**Principles**

- Protect biodiversity values for riparian corridors and areas that support threatened species, communities and populations and on lands identified for biodiversity connectivity.
- Support sustainable primary industry, particularly food production, and prevent incompatible land uses.
- Support biodiversity offsets and stewardship agreements.
- Limit development to a scale, form and density consistent with existing character and use.
- Avoid urban intensification and subdivision in the MRA.
- Conserve or enhance the scenic amenity, tourism and recreation values of the MRA.
- Provide adequate public open spaces and recreational activities to avoid unsustainable pressure on national parks.

| No. | Action                                                                                                                                                                                                                                                                                                                                  | Time | Partner                           |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|
| 4.1 | Use the employment study, social infrastructure and open space study, environment study, biodiversity planning analysis, stormwater quality strategy, open space and recreation strategy and destination management plan to inform place-based planning in the MRA.                                                                     |      |                                   |
| 4.2 | Develop LEP and DCP controls, consistent with recommendations from the draft planning proposal for the deferred lands of Oxford Falls Valley and Belrose North, addressing land use conflicts that compromise the rural and environmental values and having regard for the outcomes of the housing, employment and environment studies. | I    |                                   |
| 4.3 | Investigate commercially and environmentally feasible proposals for energy, water and sewerage infrastructure improvements for unconnected areas.                                                                                                                                                                                       | M    | Ausgrid, Sydney Water, Landowners |
| 4.4 | Prevent the inappropriate application of State policies that allow urban intensification of the MRA, such as site compatibility certificates for seniors housing.                                                                                                                                                                       |      | DPIE                              |
| 4.5 | Identify opportunities for recreation as outlined in P6.                                                                                                                                                                                                                                                                                | S    | MLALC                             |

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- Author: coulr Subject: Sticky Note Date: 22/01/2020 10:10:09 AM

Add text:  
The majority of land within the MRA and future MRA investigation area is either bush fire prone or surrounded by bush fire prone land. Protection of human life and property from bush fire is a major planning concern for the area.
- Author: coulr Subject: Highlight Date: 11/02/2020 11:57:42 AM

Add text:  
other sustainable
- Author: coulr Subject: Highlight Date: 16/01/2020 2:00:43 PM

Amend principle:  
MRA and future MRA investigation area.
- Author: coulr Subject: Sticky Note Date: 16/01/2020 2:00:49 PM

New principle:  
Encourage the spread of indigenous vegetation and tree canopy.
- Author: coulr Subject: Highlight Date: 16/01/2020 2:00:56 PM

Amend principle:  
MRA and future MRA investigation area.
- Author: coulr Subject: Highlight Date: 16/01/2020 2:01:06 PM

Amend principle:  
Support establishment of local biodiversity offset sites and stewardship agreements.
- Author: coulr Subject: Sticky Note Date: 22/01/2020 11:51:42 AM

New principle:  
Ensure development is not intensified in areas where there is unacceptable risk to human life and property from hazards such as bush fire.
- Author: coulr Subject: Highlight Date: 16/01/2020 2:10:39 PM

Amend text box:  
(WLEP 2000) deferred from inclusion in the Warringah Local Environmental Plan 2011 Standard Instrument LEP.

The future zoning of this land will be determined following the completion of a range of studies currently underway and following consultation with the community as part of the Northern Beaches LEP.
- Author: coulr Subject: Highlight Date: 11/02/2020 11:58:23 AM

Amend action:  
Delete text
- Author: coulr Subject: Highlight Date: 16/01/2020 2:10:45 PM

Amend action:  
MRA and future MRA investigation area
- Author: coulr Subject: Highlight Date: 22/01/2020 11:51:55 AM

Amend action:  
Delete text
- Author: coulr Subject: Highlight Date: 16/01/2020 2:10:52 PM

Amend action:  
values of the MRA and future MRA investigation area
- Author: coulr Subject: Highlight Date: 16/01/2020 2:10:59 PM

Amend action:  
employment, local character
- Author: coulr Subject: Highlight Date: 16/01/2020 2:11:04 PM

Amend action:  
studies, and identified environmental hazards and constraints
- Author: coulr Subject: Highlight Date: 16/01/2020 2:11:12 PM

Amend action:  
Investigate sustainable solutions for energy, water and sewerage infrastructure improvements for unconnected areas
- Author: coulr Subject: Highlight Date: 11/02/2020 11:59:02 AM

Amend action:  
Work with the Department of Planning, Infrastructure and Environment on the application of relevant State policies that allow urban intensification of the MRA and future MRA investigation area, by developing a local approach to the provision of seniors housing, boarding houses and medium density housing based on evidence in the local housing strategy
- Author: coulr Subject: Highlight Date: 16/01/2020 2:11:29 PM

Amend action:  
recreation, for example, with Outdoor NSW and the Office of Sport and as
- Author: coulr Subject: Highlight Date: 16/01/2020 2:11:36 PM

Add partner:  
Office of Sport
- Author: coulr Subject: Sticky Note Date: 14/02/2020 2:45:26 PM

60

Not all properties within the MRA have access to reticulated water or sewage; improvements to septic tanks, connections to water or sewer or other alternatives are needed to manage environmental impacts. Coastal communities rely on areas outside their communities for goods, community and retail services and waste removal. While these issues are managed now, sustainable solutions are required, especially in peak seasons and as visitation increases.

Environmental attributes on public lands are mostly protected from development, yet conservation on private land remains a challenge. Opportunities to protect and enhance the MRA's environmental attributes include:

- preventing further lot fragmentation which may constrain long-term opportunities for conservation (with smaller lots creating barriers to consolidation)
- using biodiversity offsets, other funding incentives and stewardship agreements for environmental projects
- revegetating streams, planting trees and improving habitat, biodiversity and amenity
- drawing on privately initiated actions or targeted incentives such as Landcare grants, volunteering or other environmental funds
- setting appropriate land use rules and regulations to manage development.

Of the land owned by the MLALC, we will be guided by the principles established in the Aboriginal Land Rights Act 1983 to work with the MLALC, surrounding landowners and the community to balance environmental and rural needs with economic participation and cultural use of the land by Aboriginal people (see P13).

Deferred lands

Oxford Falls Valley and Belrose North are known as 'deferred lands' as they are still subject to planning controls from the former Warringah Local Environmental Plan 2000 (WLEP 2000). The Oxford Falls Valley and Belrose North Strategic Review informed a draft planning proposal that recommended the majority of this area be zoned for environmental protection, with smaller areas dedicated to either rural or residential zones (large lot or low density housing).

Principles

- Protect biodiversity values for riparian corridors and areas that support threatened species, communities and populations and on lands identified for biodiversity connectivity.
- Support sustainable primary industry, particularly food production, and prevent incompatible land uses.
- Support biodiversity offsets and stewardship agreements.
- Limit development to a scale, form and density consistent with existing character and use.
- Avoid urban intensification and subdivision in the MRA.
- Conserve and enhance the scenic amenity, tourism and recreation values of the MRA.
- Provide adequate public open space and recreational activities to avoid unsustainable pressure on national parks.

| No. | Action                                                                                                                                                                                                                                                                                                                               | Time | Partner                           |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------------------------|
| 4.1 | Use the employment study, social infrastructure and open space study, environment study, biodiversity planning analysis, stormwater quality strategy, open space and recreation strategy and destination management plan to inform place-based planning in the MRA.                                                                  | S    |                                   |
| 4.2 | Develop LEP and DCP controls, considering recommendations from the draft planning proposal for the deferred lands of Oxford Falls Valley and Belrose North, addressing land use conflicts that compromise the rural and environmental values, and having regard for the outcomes of the housing, employment and environment studies. | I    |                                   |
| 4.3 | Investigate commercially and environmentally feasible proposals for energy, water and sewerage infrastructure improvements for unconnected areas.                                                                                                                                                                                    | M    | Ausgrid, Sydney Water, Landowners |
| 4.4 | Prevent the inappropriate application of State policies that allow urban intensification of the MRA, such as site compatibility certificates for seniors housing.                                                                                                                                                                    | S    | DPIE                              |
| 4.5 | Identify opportunities for recreation as outlined in P6.                                                                                                                                                                                                                                                                             | S    | DPIE                              |

Towards 2040

Draft Local Strategic Planning Statement 2019

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New action (A4.6):  
Work with the Greater Sydney Commission and the Department of Planning, Infrastructure and Environment to investigate potential for inclusion of the 'future MRA investigation area' in to MRA, including Belrose (north), Oxford Falls (south) and Cromer Heights (west)

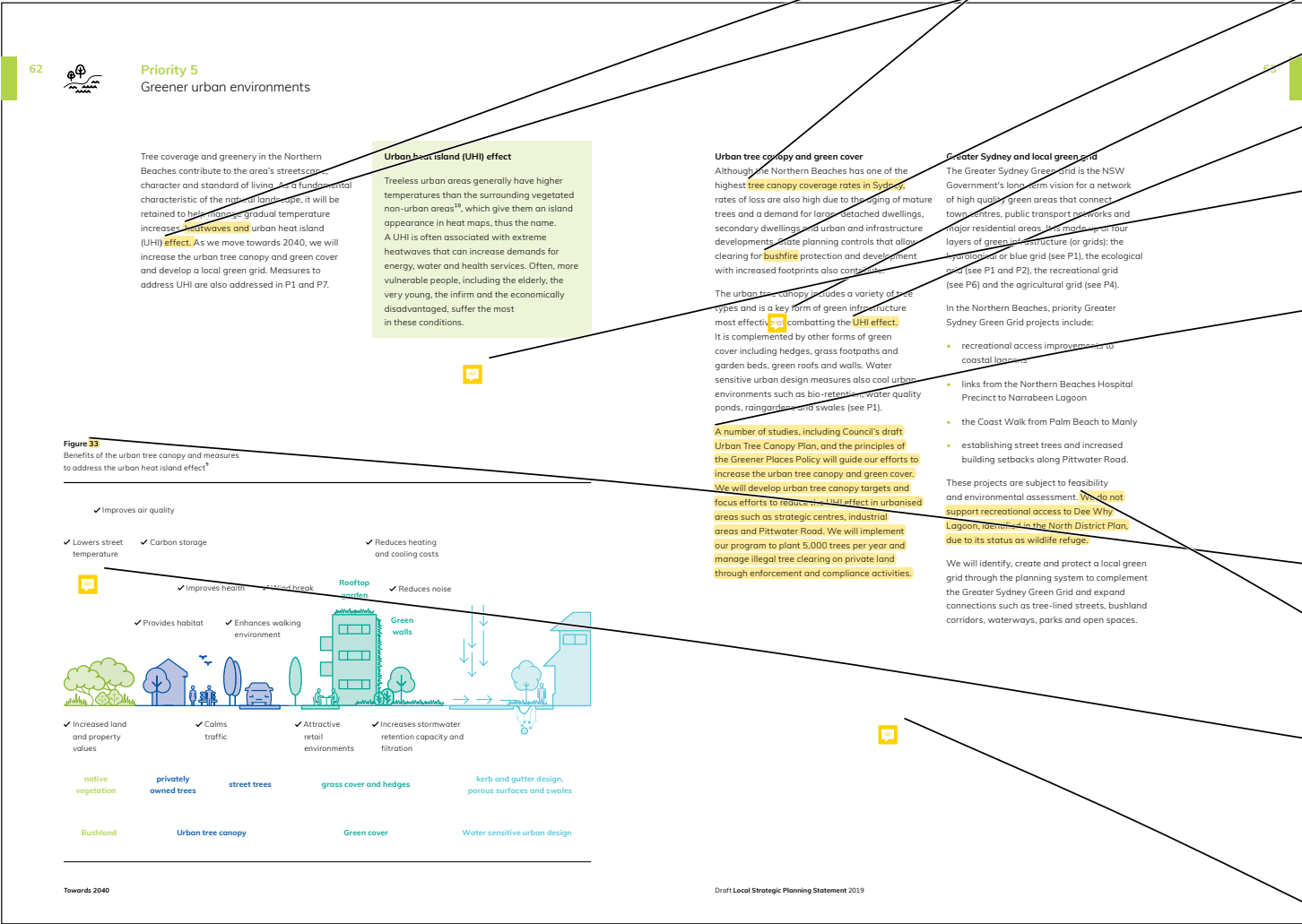
Time = S

Partner = GSC, DPIE

New action (A4.7):  
Work with the MLALC to better understand constraints as well as feasible and appropriate land use opportunities on land owned by the MLALC

Time = S M

Partner = DPIE, MLALC, NSWALC



Author: Suzy.Lawrence Subject: Highlight Date: 11/02/2020 1:34:30 PM

Amend text:  
urban tree canopy coverage rates in Sydney (39%),  
...  
Endnote 11

Author: coullr Subject: Highlight Date: 16/01/2020 2:12:10 PM

Amend text:  
heatwaves,

Author: coullr Subject: Highlight Date: 11/02/2020 1:33:58 PM

Amend text:  
effect and protection from UV radiation.

Author: coullr Subject: Highlight Date: 22/01/2020 10:11:03 AM

Fix typo

Author: Suzy.Lawrence Subject: Sticky Note Date: 22/01/2020 11:52:56 AM

Improve legibility:  
Move second paragraph to the top

Author: coullr Subject: Highlight Date: 16/01/2020 2:13:02 PM

Amend text:  
UHI effect and providing protection from over-exposure to UV radiation.

Author: coullr Subject: Sticky Note Date: 16/01/2020 2:13:14 PM

New text box:  
Ultra-violet (UV) radiation is a type of natural hazard. The incidence of melanoma for the LGA is 64 per 100,000 people (compared to 51 per 100,000 people for NSW). Well-designed and correctly positioned shade, from both natural vegetation and built structures, can reduce exposure to UV radiation.

Author: Suzy.Lawrence Subject: Highlight Date: 16/01/2020 2:13:21 PM

Amend text:  
A number of studies, including Council's draft Urban Tree Canopy Plan, and the principles of the Greener Places Policy will guide our efforts to increase the urban tree canopy and green cover and reduce the UHI effect particularly in urbanised areas such as strategic centres, industrial areas, higher density residential areas and Pittwater Road. We will implement our program to plant 5,000 trees per year and manage illegal tree clearing on private land through enforcement and compliance activities.

Using 2019 LiDAR data, our analysis of the Northern Beaches tree canopy will inform urban tree canopy targets for different urban conditions based on the Government Architect's targets (Figure 33). This work will take into consideration land ownership and the need to maintain tree canopy in areas with existing high coverage (such as Scotland Island, 89%) and improve tree canopy in areas of deficiency (such as Queenscliff, 20%). For those areas constrained by infrastructure (such as arterial roads and industrial areas), other measures will be encouraged to address urban heat, including green verges, green roofs and green walls, water sensitive urban design and improved building design.

Author: coullr Subject: Highlight Date: 21/01/2020 11:18:50 AM

Amend text:  
32

Author: coullr Subject: Highlight Date: 11/02/2020 1:37:44 PM

Amend text:  
While passive recreational access already exists for Dee Why Lagoon, any expansion or a change in intensity will require further assessment and community consultation, particularly given its status as a wildlife refuge.

Author: coullr Subject: Sticky Note Date: 16/01/2020 2:13:37 PM

Amend infographic, additional labels:  
- UV radiation protection  
- Comfort and shelter  
- Benefits of urban tree canopy  
- Measures to address the UHI effect  
- Improved building design  
- Shade and passive building design

Author: coullr Subject: Sticky Note Date: 11/02/2020 1:41:41 PM

New infographic:  
Add new tree canopy infographic:  
Figure 33 - Government Architect NSW's urban tree canopy benchmarks - How this applies to Northern Beaches LGA

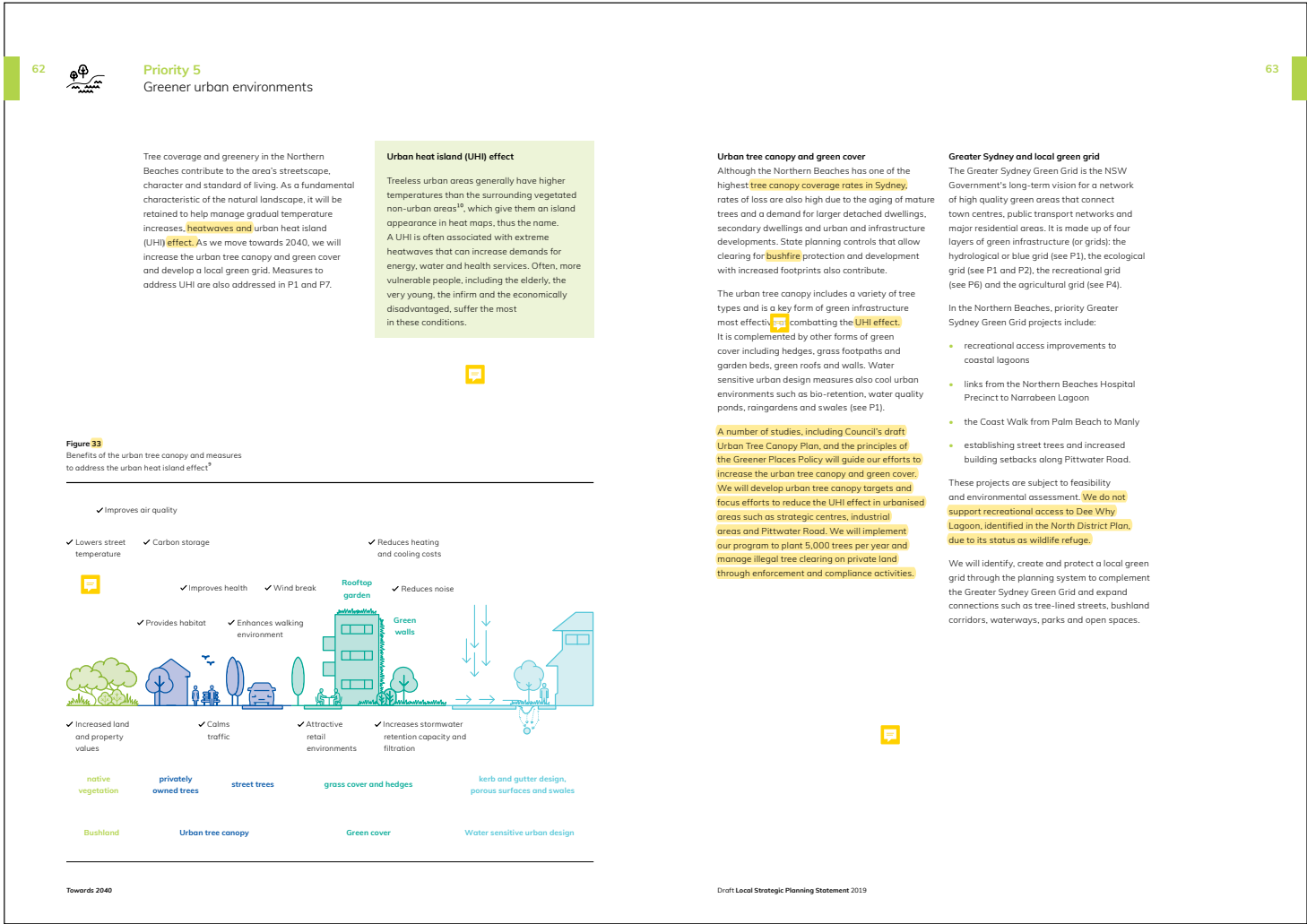
...  
CBD area target: > 15%  
Medium to high density area target: > 25%  
Suburban area target: > 40%

...  
Endnote 12

...  
- Based on international and national best practice precedents  
- Urban residential (medium to high density) and light commercial areas

...  
Notes:

Comments from page 32 continued on next page

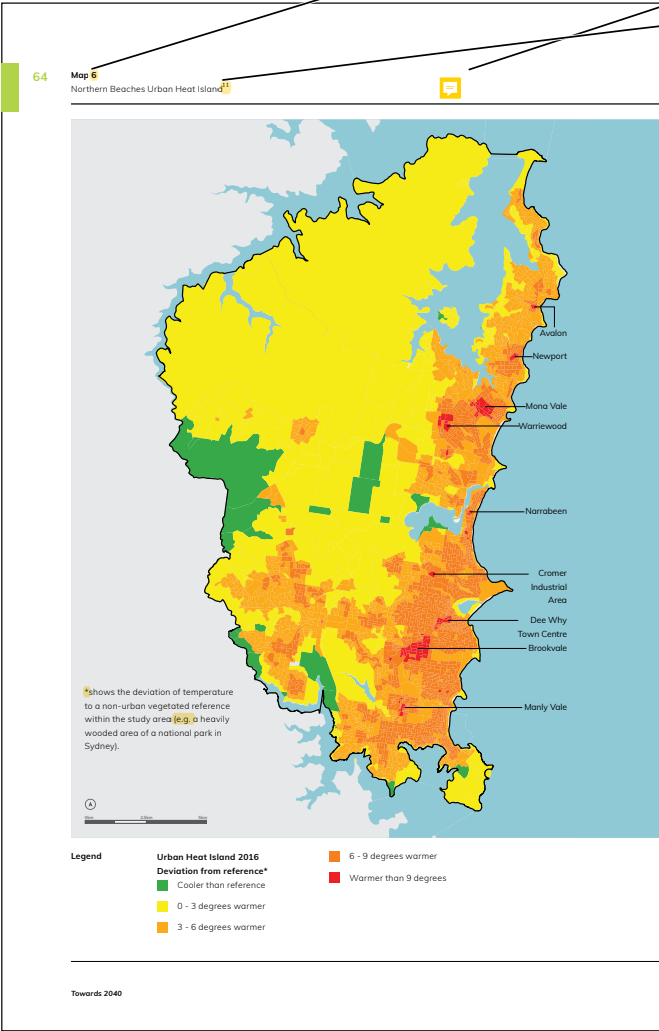


- Council will consider higher targets to maintain areas of existing high tree canopy coverage including some residential areas as well as rural and environmental living zones
- Meeting the above targets will contribute to the 40% urban tree canopy target for metropolitan Sydney (currently 21%).

...  
Endnote 11

Status  
coultr None 16/01/2020 9:28:48 AM





Principles

- Create a resilient, interconnected urban tree canopy across the Northern Beaches.
- Retain mature trees and use innovative measures to do so for new infrastructure and development.
- Improve tree health and diversity and use local native tree species where possible.
- Offset tree canopy loss by planting a minimum of two trees for any one tree removed from public and private land.

- Incorporate other forms of green cover where space for trees is limited.
- Reduce the urban heat island effect by increasing the urban tree canopy and green cover, incorporating water sensitive urban design and improved building design.
- Ensure new development contributes and connects to the local green grid.

No. Action

| No. | Action                                                                                                                                                                                                                                     | Time | Partner   |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 5.1 | Implement the Urban Tree Canopy Plan, including the protection of iconic trees and tree-lined areas.                                                                                                                                       | S    |           |
| 5.2 | Investigate area and land use-specific tree canopy and green cover targets, based on the Government Architect NSW's proposed targets, prioritising areas with low canopy cover, socio-economic disadvantage and high levels of urban heat. | I    |           |
| 5.3 | Develop LEP and DCP controls for urban tree canopy and urban heat, including deep soil requirements, landscaped open space and increased front building setbacks in narrow road corridors.                                                 | I    |           |
| 5.4 | Prepare design guidelines to inform LEP and DCP controls, including requirements for roof colour, wind circulation, green roofs, green walls and water sensitive urban design.                                                             | I    | NSP       |
| 5.5 | Investigate the feasibility of Greater Sydney Green Grid projects, identify a local green grid, and protect and enhance these grids in the new planning framework.                                                                         | S    | NSP, DPIE |

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Author: coullr Subject: Highlight Date: 21/01/2020 11:18:47 AM

Amend text:  
7

Author: coullr Subject: Sticky Note Date: 11/02/2020 1:37:23 PM

New map:  
Map 6 - Northern Beaches tree canopy per suburb

...  
Endnote 13

Note: This map is based on 2019 LiDAR data analysis of Northern Beaches tree canopy coverage. This differs from the tree canopy data referenced in the Greater Sydney Commission's Pulse of Greater Sydney 2019, based on aerial photos from 2016

Author: coullr Subject: Highlight Date: 11/02/2020 1:36:31 PM

Endnote 14

Author: coullr Subject: Highlight Date: 11/02/2020 1:42:39 PM

Amend principle:  
healthy and interconnected

Author: coullr Subject: Highlight Date: 11/02/2020 1:44:51 PM

Amend principle:  
Integrate the design of green, blue and grey infrastructure in support of the urban tree canopy.

Author: coullr Subject: Highlight Date: 11/02/2020 1:43:16 PM

Amend principle:  
Protect, maintain and enhance the existing urban tree canopy, including mature trees.

Author: coullr Subject: Highlight Date: 16/01/2020 2:14:32 PM

Amend principle:  
Reduce exposure to UV radiation and

Author: coullr Subject: Highlight Date: 16/01/2020 2:14:45 PM

Amend principle:  
improving infrastructure and building design.

Author: coullr Subject: Highlight Date: 11/02/2020 1:44:14 PM

Amend principle:  
Provide a diverse range of species of varying families and genera, prioritising local native tree, shrub and ground cover species where possible.

Author: Suzy.Lawrence Subject: Highlight Date: 11/02/2020 1:54:50 PM

Amend principle:  
Provide habitat for wildlife and connect to the local green grid including wildlife corridors.

Author: coullr Subject: Highlight Date: 22/01/2020 11:54:26 AM

Amend action:  
Delete 'iconic'

Author: coullr Subject: Sticky Note Date: 16/01/2020 2:15:30 PM

Add partner:  
Cancer Institute NSW

Author: coullr Subject: Highlight Date: 16/01/2020 2:15:40 PM

Amend action:  
heat and UV radiation

Author: coullr Subject: Highlight Date: 22/01/2020 11:54:40 AM

Amend action:  
Delete this action

Author: coullr Subject: Sticky Note Date: 16/01/2020 2:16:10 PM

Add partner:  
Cancer Institute NSW

Author: coullr Subject: Highlight Date: 22/01/2020 11:54:51 AM

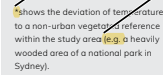
Update text:  
5.3

Author: coullr Subject: Highlight Date: 17/01/2020 9:41:52 AM

Amend action (now A5.3):  
Prepare design guidelines and develop LEP and DCP controls for urban tree canopy, urban heat and UV radiation. Tree canopy to be addressed by tree replacement ratio, deep soil requirements, landscaped area requirements and increased front building setbacks in road corridors. Urban heat to be addressed by requirements for roof colours, cool pavements, wind circulation, green roofs, green walls and water sensitive urban design. UV radiation to be addressed by well-designed built and natural shade

Author: coullr Subject: Highlight Date: 22/01/2020 11:55:03 AM

Update text:



Towards 2040

- Create a resilient, **interconnected** urban tree canopy across the Northern Beaches.
- **Retain** mature trees and use **innovative measures** to do so for **new infrastructure** and development.
- **Improve tree health** and **diversity** and use **local native tree species** where possible.
- Offset tree canopy loss by planting a minimum of two trees for any one tree removed from public and private land.
- **Incorporate other forms of green cover** where space for trees is **limited**.
- **Reduce** the urban heat island effect by increasing the urban tree canopy and green cover, incorporating water sensitive urban design and **improving building design**
- **Ensure new development contributes and connects to the local green grid.**



Author: coullr Subject: Highlight Date: 21/01/2020 11:18:41 AM  
Amend text:  
8

Author: coullr Subject: Highlight Date: 11/02/2020 1:56:18 PM  
Endnote 15

Author: Suzy.Lawrence Subject: Highlight Date: 20/01/2020 4:05:58 PM  
Amend text:  
- public parks, including formalised spaces for civic, outdoor or recreation activities  
- sporting areas for organised sports, including sportsgrounds, courts and greens  
- golf courses.

The Northern Beaches also has access to extensive natural areas that are primarily protected for conservation but may also serve secondary recreational uses including walking, cycling, horse trails and picnic areas. These natural areas are located in public parks, sporting areas and golf courses, with a significant proportion located within:  
- national parks, State parks and habitat reserves owned and managed by Council  
- beaches and foreshores, including headlands, dunes or riparian vegetation.

Author: Suzy.Lawrence Subject: Highlight Date: 13/02/2020 1:24:15 PM  
Amend text:  
As the population grows, the ability of residents to gain access to public open space within an easy walk from home, workplaces, and schools is an important factor for quality of life. Quality of open space is considered more important than quantity, with people more likely to be active and engage with the outdoors if they have access to clean, well-maintained, shaded, and visually appealing spaces and pathways.

Although the Northern Beaches has a high proportion of homes within a 400m walk to open space (78%), Council's initial high level analysis has identified areas which may be considered to have poor access to open space including:  
- urban high-density residential areas outside a 200m buffer to open space including parts of: Dee Why, Collaroy, Queenscliff, Manly Vale, Fairlight and Balgowlah.  
- urban residential areas outside a 400m buffer to open space including parts of: Avalon Beach, Newport, Warriewood, Wheeler Heights, Seaforth, Collaroy Plateau and Freshwater

....  
Endnote 11 (after 78%)  
Endnote 16 (after Freshwater)

Author: Suzy.Lawrence Subject: Sticky Note Date: 16/01/2020 2:25:09 PM  
Add text:  
2,313 hectares of the Northern Beaches' available open space is currently owned or managed by Council. Residents and visitors also access privately owned open space for recreation including golf courses, gun clubs, bowling clubs, tennis clubs and horse arenas.

Author: coullr Subject: Sticky Note Date: 20/01/2020 4:06:41 PM  
Amend map:  
- Replace with new open space categories  
- Show schools as potential opportunities for future shared use  
- New MRA layer  
- Add strategic centre labels  
- Add State park layer

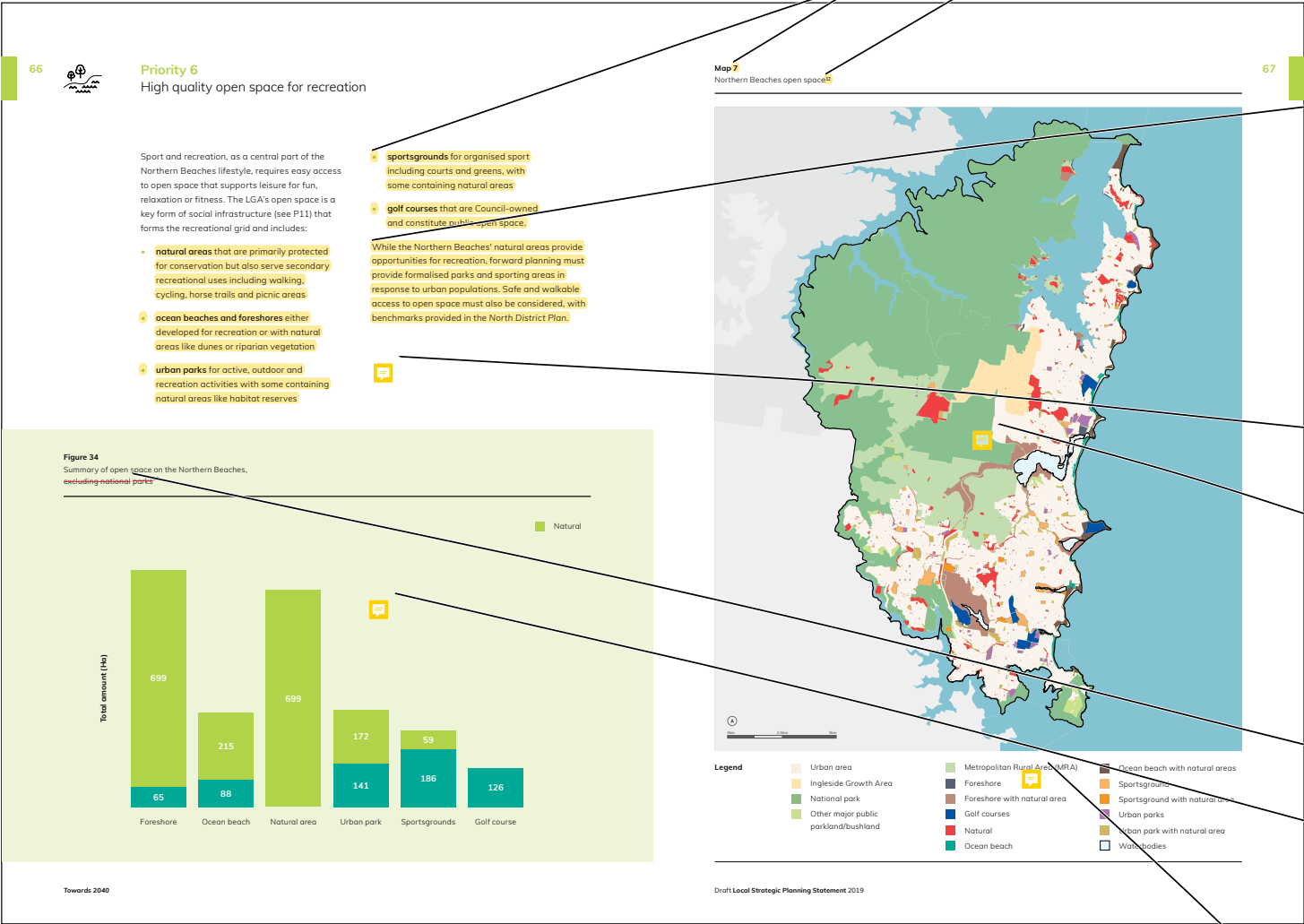
....  
Note: This map includes some privately owned open space used for recreation (for example, golf courses and bowling clubs). Categories may be revisited following a detailed audit.

Author: coullr Subject: Cross-Out Date: 22/01/2020 11:55:54 AM  
Update infographic:  
Delete text

Author: coullr Subject: Sticky Note Date: 16/01/2020 2:25:57 PM  
Amend infographic, replace with new data to match new map and recent audit:  
- National Park  
- Natural area  
- Golf course  
- Sporting areas  
- Beach and foreshore  
- Public Park

....  
Note: these figures are approximate and may vary based on a detailed audit.

Author: coullr Subject: Sticky Note Date: 20/01/2020 4:07:34 PM  
Amend map legend:  
- Future MRA investigation area  
- Update open space categories:  
- sporting area  
- golf course  
- golf course (private)  
- public park





### Priority 6

#### High quality open space for recreation

Sport and recreation, as a central part of the Northern Beaches lifestyle, requires easy access to open space that supports leisure for fun, relaxation or fitness. The LGA's open space is a key form of social infrastructure (see P11) that forms the recreational grid and includes:

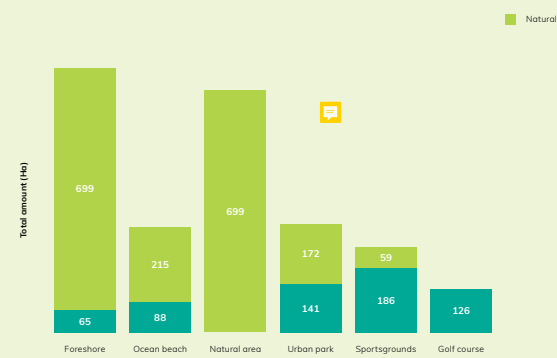
- **natural areas** that are primarily protected for conservation but also serve secondary recreational uses including walking, cycling, horse trails and picnic areas
- **ocean beaches and foreshores** either developed for recreation or with natural areas like dunes or riparian vegetation
- **urban parks** for active, outdoor and recreation activities with some containing natural areas like habitat reserves

- **sportsgrounds for organised sport** including courts and greens, with some containing natural areas
- **golf courses that are Council-owned** and constitute public open space.

While the Northern Beaches' natural areas provide opportunities for recreation, forward planning must provide formalised parks and sporting areas in response to urban populations. Safe and walkable access to open space must also be considered, with benchmarks provided in the North District Plan.



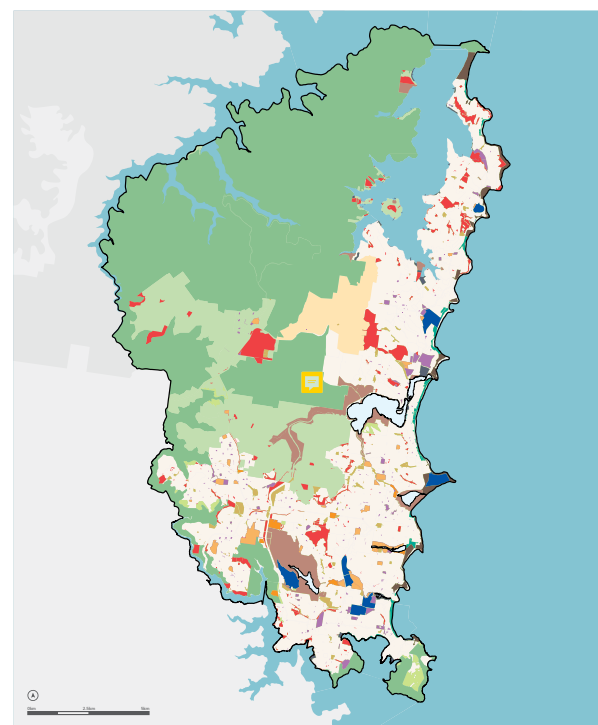
Figure 34  
Summary of open space on the Northern Beaches,  
excluding national parks<sup>12</sup>



Towards 2040

### Map 7

#### Northern Beaches open space



#### Legend

- |                                       |                               |                                |
|---------------------------------------|-------------------------------|--------------------------------|
| Urban area                            | Metropolitan Rural Area (MRA) | Ocean beach with natural areas |
| Ingliside Growth Area                 | Foreshore                     | Sportsground                   |
| National park                         | Foreshore with natural area   | Sportsground with natural area |
| Other major public parklands/bushland | Golf courses                  | Urban parks                    |
|                                       | Natural                       | Urban park with natural area   |
|                                       | Ocean beach                   | Waterbodies                    |

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- beach and foreshore
- natural area
- Strategic centre dots
- Schools (future potential opportunity for shared use)
- State parks



- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:01:54 PM

Endnote 15
- Author: coullr

Subject: Sticky Note

Date: 11/02/2020 2:00:08 PM

Add two new maps:

...

Map 9 - Northern Beaches high-density residential areas further than 200m from open space

...

Endnote 16

...

Show lots >60 dwellings/ha outside of 200m from open space:

- Collaroy

- Dee Why

- Queenscliff

- Manly

- Fairlight

- Balgowlah

- Manly Vale

...

Map 10 - Northern Beaches residential areas further than 400m from open space

...

Endnote 16

...

Show urban residential areas >400m to open space:

- Avalon

- Newport

- Mona Vale

- Warriewood

- Collaroy Plateau

- Wheeler Heights

- Freshwater

- Seaforth

....

Note: This map is based on spatial analysis of access to Northern Beaches open space using buffer areas. This differs from the pedshed data referenced in the Greater Sydney Commissions's Pulse of Greater Sydney 2019, based on the Department of Planning and Environment's Public Open Space Audit 2016.
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:30:33 PM

Fix typo
- Author: coullr

Subject: Sticky Note

Date: 11/02/2020 2:02:25 PM

New principle:

Ensure developments result in no net loss of public open space.
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:27:55 PM

Amend principle:

Ensure new residential development is located within 400m of open space and high density areas within 200m of open space.
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 2:28:11 PM

Add partners:

DPIE

Office of Sport

Sydney Water
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:02:49 PM

Amend principle:

Delete text
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:28:22 PM

Amend action:

improve provision of open space and recreation (such as, innovative sports facilities inclusion in new developments),
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:28:37 PM

Amend text:

public parks and sporting areas,
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:28:51 PM

Amend action:

, for example, by applying environmental protection zones to natural open spaces
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:29:07 PM

Add partners:

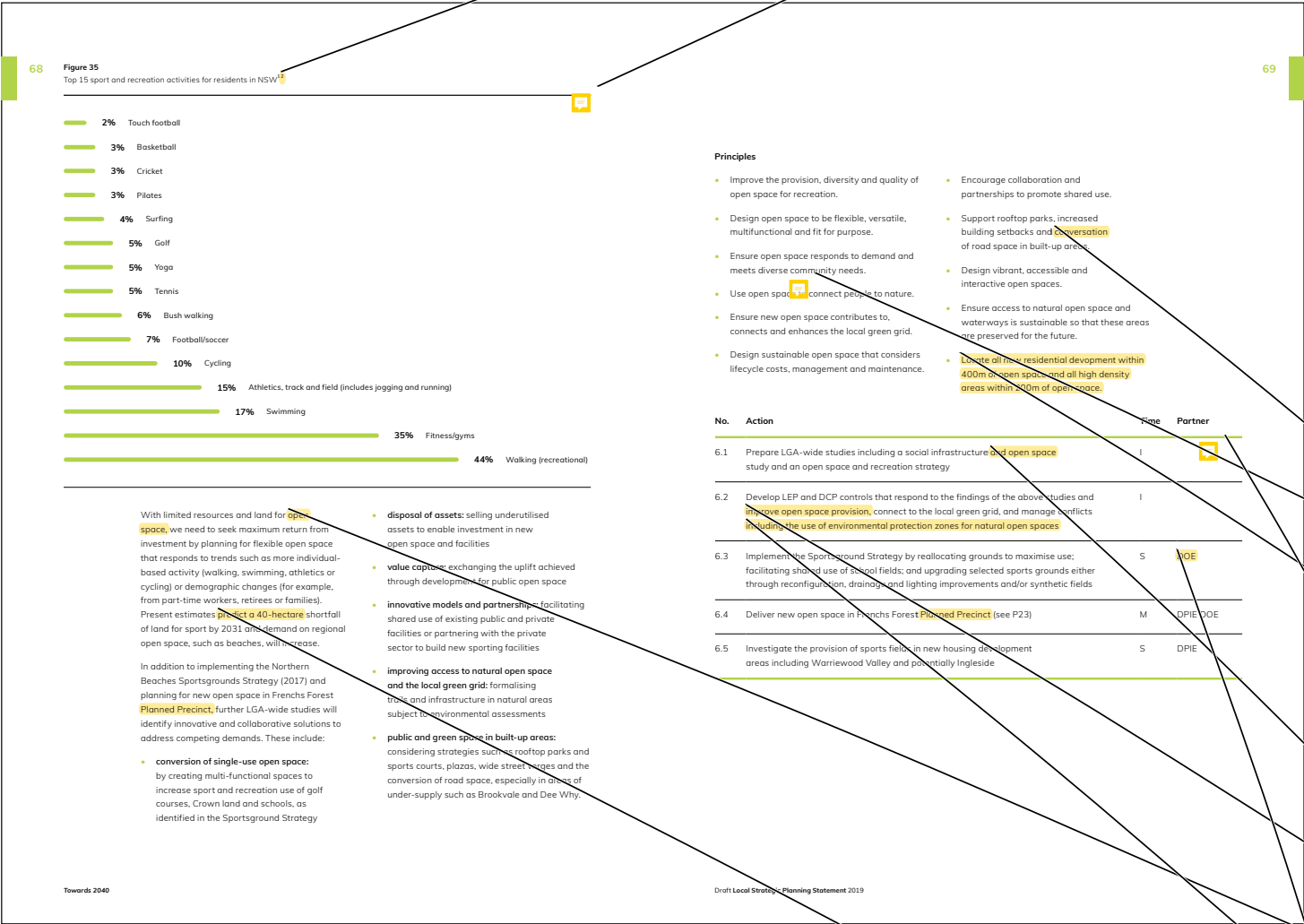
Office of Sport

independent schools
- Author: coullr

Subject: Highlight

Date: 16/01/2020 2:29:18 PM

Amend text:



predict a 41-hectare

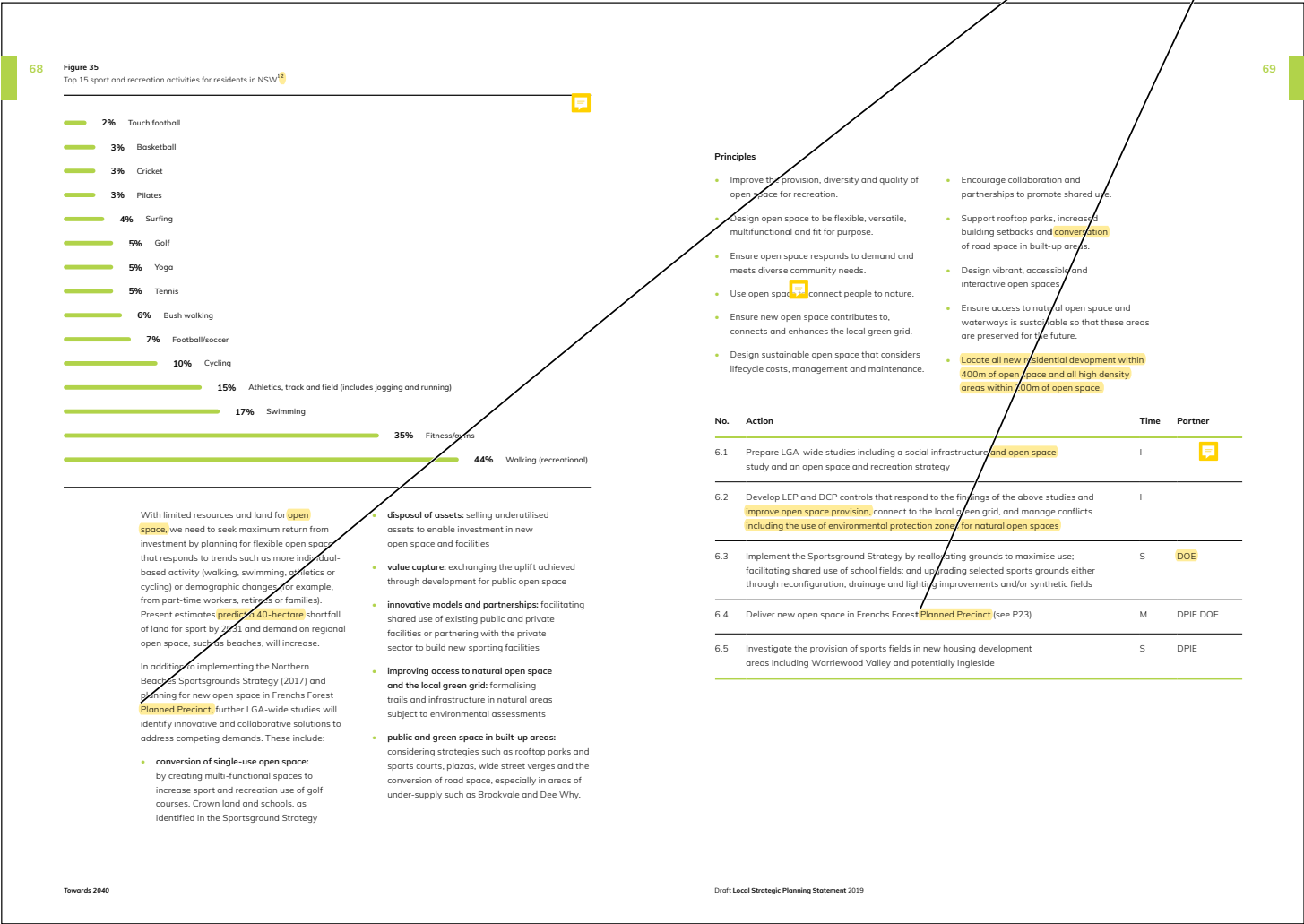
- 1

Author: coullr Subject: Highlight Date: 16/01/2020 2:29:27 PM

Amend action:  
strategic centre
- 1

Author: coullr Subject: Highlight Date: 16/01/2020 2:29:44 PM

Amend text:  
strategic centre,



Author: coullr Subject: Highlight Date: 11/02/2020 2:03:23 PM  
Endnote 17

Author: coullr Subject: Highlight Date: 11/02/2020 2:03:44 PM  
Endnote 17

Author: coullr Subject: Sticky Note Date: 22/01/2020 10:11:45 AM  
Add new infographic:  
Figure 36 - Northern Beaches Council resource use aspirations and commitments

...

2021  
Sustainability certification for new developments in strategic centres, employment hubs and areas subject to urban intensification (for example, Green Star Rating Tool, Passive House or recognised equivalent) (T)

...

2030  
All suitable sites powered by renewable energy (C)  
New zero carbon emissions (A)  
All new buildings being net zero emissions (A)  
50% of suitable premises with solar panels installed (C)

...

2040  
60% reduction carbon emissions (C)  
10% reduction in drinking water use (C)  
85% diversion of waste from landfill (C)  
90% recycling of construction waste (C)  
>50% reduction of carbon emissions (C)  
85% diversion of waste from landfill (C)  
Maintaining or reducing overall drinking water use in our community (C)  
Reducing the rate of waste generation per person (C)  
Reduction single use plastics (C)

...

2045  
Net zero emissions (C)

...

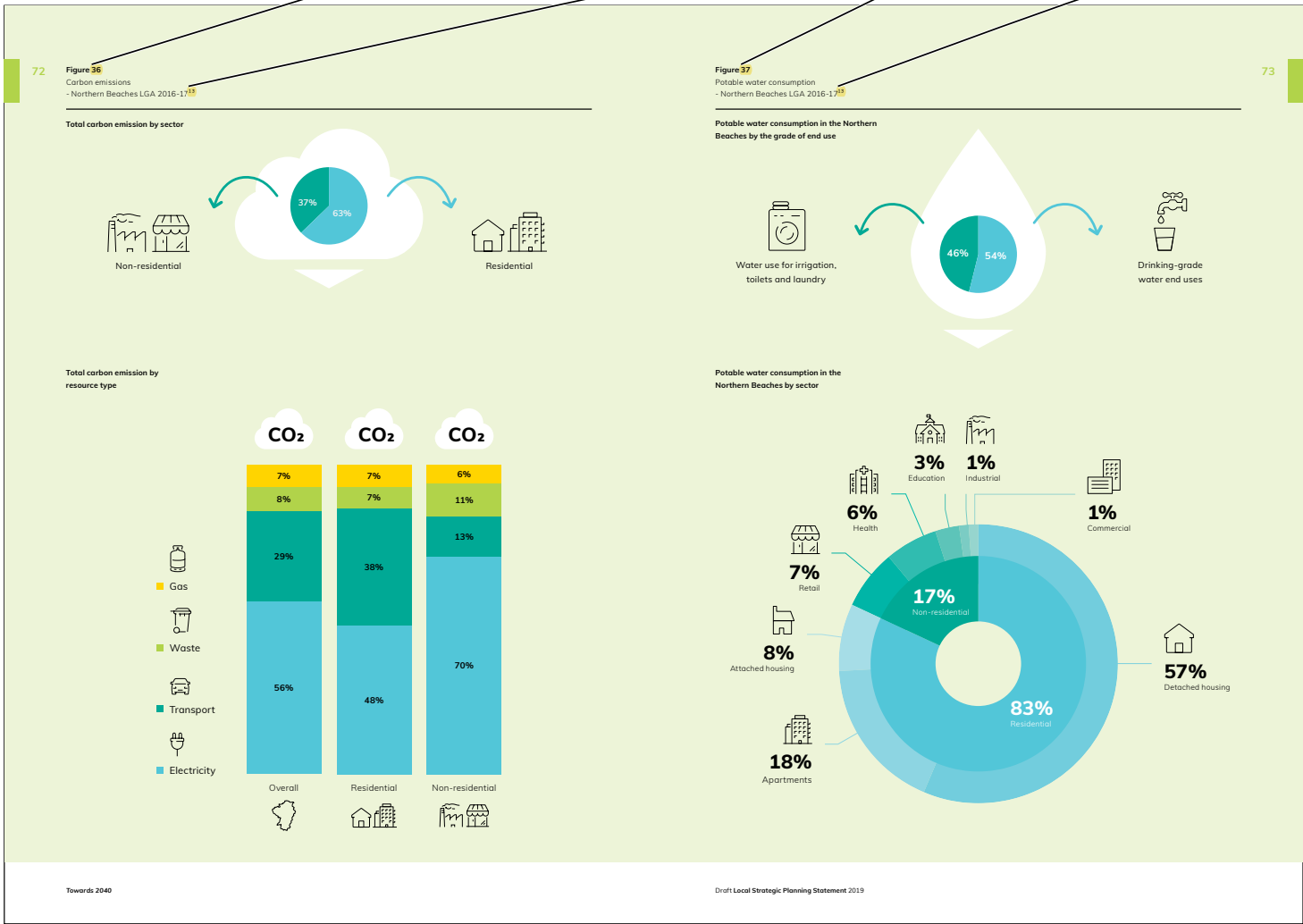
2050  
Net zero emissions (C)

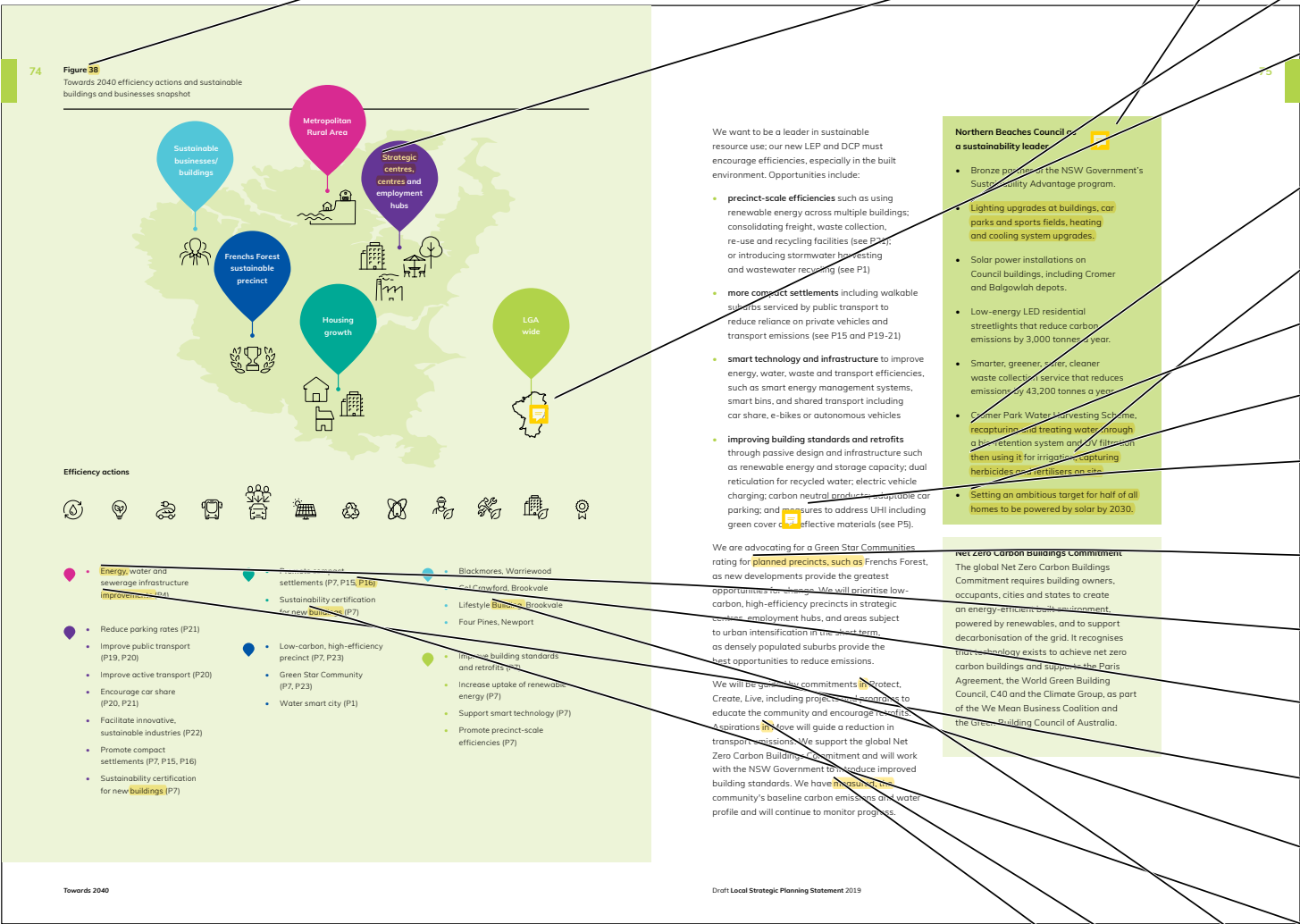
...

Legend:  
Council operations  
Community  
A = Protect. Create. Live aspiration  
C = Protect. Create. Live. commitment  
T = Towards 2040 LEP and DCP action



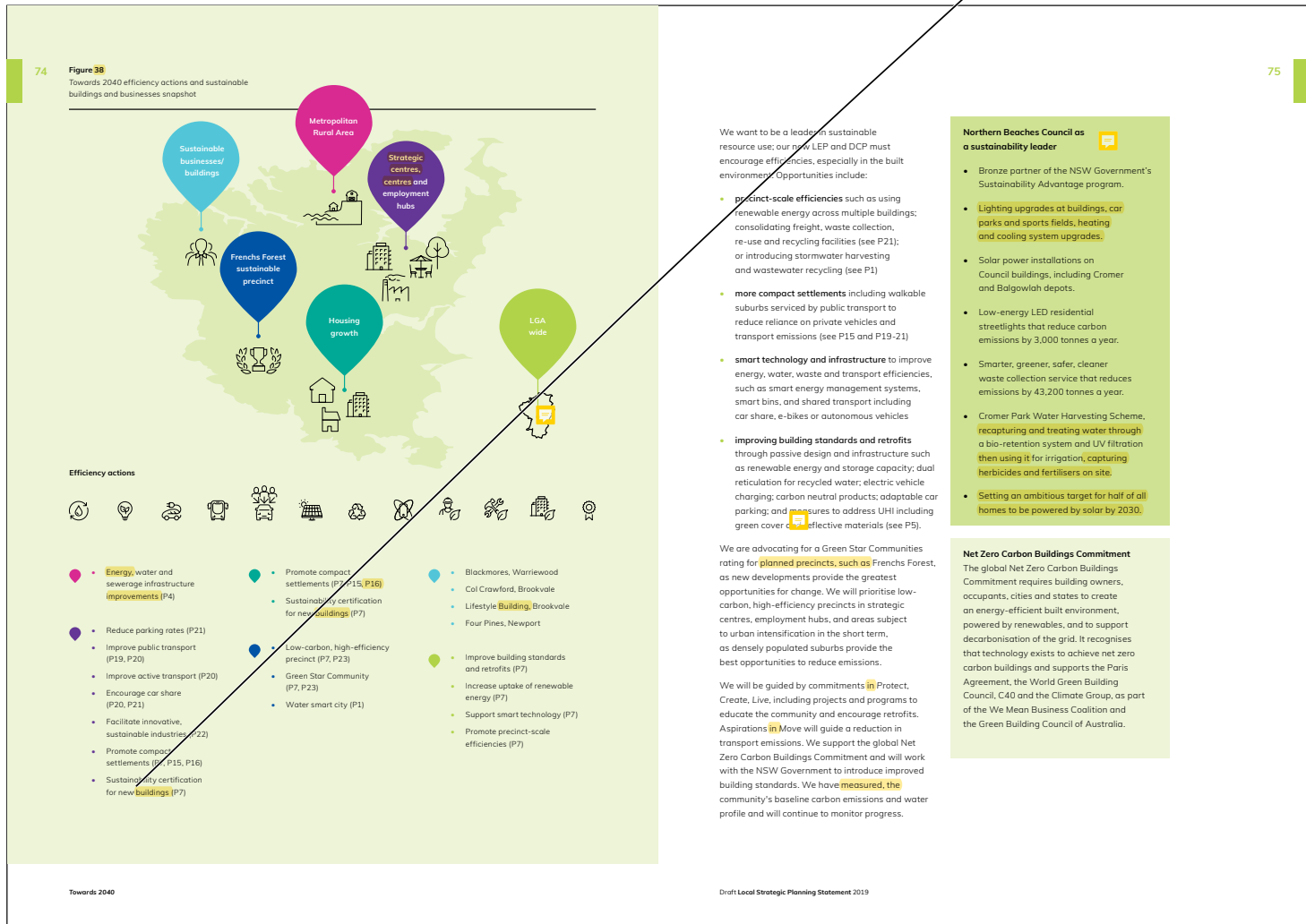
|                                                                                                                          |  |
|--------------------------------------------------------------------------------------------------------------------------|--|
| <div><div></div><div>Author: coullr Subject: Highlight Date: 21/01/2020 11:18:38 AM</div><div>Amend text: 37</div></div> |  |
| <div><div></div><div>Author: coullr Subject: Highlight Date: 21/01/2020 11:18:34 AM</div><div>Amend text: 38</div></div> |  |
| <div><div></div><div>Author: coullr Subject: Highlight Date: 11/02/2020 2:04:15 PM</div><div>Endnote 17</div></div>      |  |
| <div><div></div><div>Author: coullr Subject: Highlight Date: 11/02/2020 2:04:53 PM</div><div>Endnote 17</div></div>      |  |





|  |                                                                                                                                                                                              |                      |                              |
|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 21/01/2020 11:18:31 AM |
|  | Amend text:<br>39                                                                                                                                                                            |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Sticky Note | Date: 16/01/2020 2:42:19 PM  |
|  | Amend text box, add new point:<br>Kimbriki Resource and Recovery Centre operates a sustainable living education centre and a buy back centre for re-usable items and repurposable materials. |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 2:05:29 PM  |
|  | Amend infographic:<br>Centres                                                                                                                                                                |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 16/01/2020 2:42:35 PM  |
|  | Amend text box:<br>Lighting, heating and cooling upgrades at buildings, car parks and sports fields                                                                                          |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Sticky Note | Date: 16/01/2020 2:50:44 PM  |
|  | Amend infographic:<br>- Change icon shape to Northern Beaches<br>- Add 'facilitate circular economy outcomes (P7)' to LGA wide<br>- Add 'demand management initiatives' to LGA wide          |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 16/01/2020 2:45:05 PM  |
|  | Amend text box:<br>using                                                                                                                                                                     |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:57:41 AM |
|  | Amend text box:<br>Delete                                                                                                                                                                    |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:57:34 AM |
|  | Amend text box:<br>Delete                                                                                                                                                                    |                      |                              |
|  | Author: Suzy.Lawrence                                                                                                                                                                        | Subject: Highlight   | Date: 22/01/2020 11:57:50 AM |
|  | Amend text box:<br>Delete                                                                                                                                                                    |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Sticky Note | Date: 16/01/2020 2:45:48 PM  |
|  | Add text:<br>- transitioning to a circular economy by prioritising and facilitating the reuse, repair and recycling of products and materials and reducing waste generation.                 |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:58:13 AM |
|  | Amend text:<br>Delete                                                                                                                                                                        |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 16/01/2020 2:47:40 PM  |
|  | Amend text:<br>Sustainable energy,                                                                                                                                                           |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 2:05:59 PM  |
|  | Amend infographic:<br>Delete text                                                                                                                                                            |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:58:38 AM |
|  | Amend infographic:<br>solutions                                                                                                                                                              |                      |                              |
|  | Author: Suzy.Lawrence                                                                                                                                                                        | Subject: Highlight   | Date: 14/02/2020 2:46:58 PM  |
|  | Amend infographic:<br>Working Building,                                                                                                                                                      |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:58:50 AM |
|  | Amend infographic:<br>developments                                                                                                                                                           |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 2:06:49 PM  |
|  | Add text:<br>in our Environment and Climate Change Strategy                                                                                                                                  |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 2:07:22 PM  |
|  | Add text:<br>in our Transport Strategy                                                                                                                                                       |                      |                              |
|  | Author: coulr                                                                                                                                                                                | Subject: Highlight   | Date: 22/01/2020 11:59:00 AM |
|  | Amend text:<br>measured the                                                                                                                                                                  |                      |                              |





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Principles

- Ensure new developments and retrofits demonstrate improved building standards and the achievement of a low-carbon development with high-efficiency in energy, water and waste.
- Reduce carbon emissions.
- Support precinct-based efficiency initiatives.
- Reduce the volume of waste and waste transport requirements.
- Support smart technology and infrastructure.
- Increase the uptake of renewable energy.

| No. | Action                                                                                                                                                                                                                                | Time  | Partner   |
|-----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-----------|
| 7.1 | Deliver Frenchs Forest Planned Precinct as a low-carbon, high-efficiency precinct and a Green Star Community (see P23)                                                                                                                | S M L | DPIE DOE  |
| 7.2 | Identify opportunities for precinct-scale efficiencies, compact settlements, smart technology and infrastructure and better building standards and retrofits in the environment strategy, employment study and local housing strategy |       |           |
| 7.3 | Develop LEP and DCP controls based on the studies and require a Green Star, NABERS or similar compliance rating for new buildings in strategic centres, employment hubs and areas subject to urban intensification                    | I     |           |
| 7.4 | Improve building standards for residential and non-residential buildings and relevant infrastructure, support the push for net zero carbon buildings, and monitor progress                                                            | S     | DPIE GBCA |
| 7.5 | As part of Protect, Create, Live and Move, develop action plans for public transport, sustainable living and green neighbourhoods                                                                                                     | S M L |           |
| 7.6 | Investigate the establishment of Australia's first Urban Light Sky Place in Palm Beach, addressing public lighting, light pollution and energy consumption                                                                            | S     |           |

77

Northern Beaches new waste collection service



Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr Subject: Sticky Note Date: 16/01/2020 2:51:12 PM

New principle:  
Increase alternative water supplies to decrease dependency on distributed potable water.

Author: coullr Subject: Highlight Date: 16/01/2020 2:51:28 PM

Amend principle:  
precinct-scale

Author: coullr Subject: Highlight Date: 11/02/2020 2:07:50 PM

Amend principle:  
Reduce the volume of waste to landfill and waste transport requirements.

Maximise re-use and recycling to support a circular economy.

Author: coullr Subject: Highlight Date: 16/01/2020 2:52:47 PM

Amend action:  
strategic centre

Author: coullr Subject: Highlight Date: 20/01/2020 4:10:49 PM

Amend action:  
efficiencies, renewable energy projects, circular economy outcomes,

Author: coullr Subject: Highlight Date: 16/01/2020 2:53:28 PM

Change timing:  
O

Author: coullr Subject: Highlight Date: 22/01/2020 10:12:05 AM

Amend action:  
Develop LEP and DCP controls to improve, energy, water and waste efficiencies in new developments and require developments in strategic centres, employment hubs and areas subject to urban intensification to provide an independent sustainability certificate such as the Green Star rating Tool, Passive House or recognised equivalent (threshold to be developed)

Author: coullr Subject: Highlight Date: 11/02/2020 2:08:28 PM

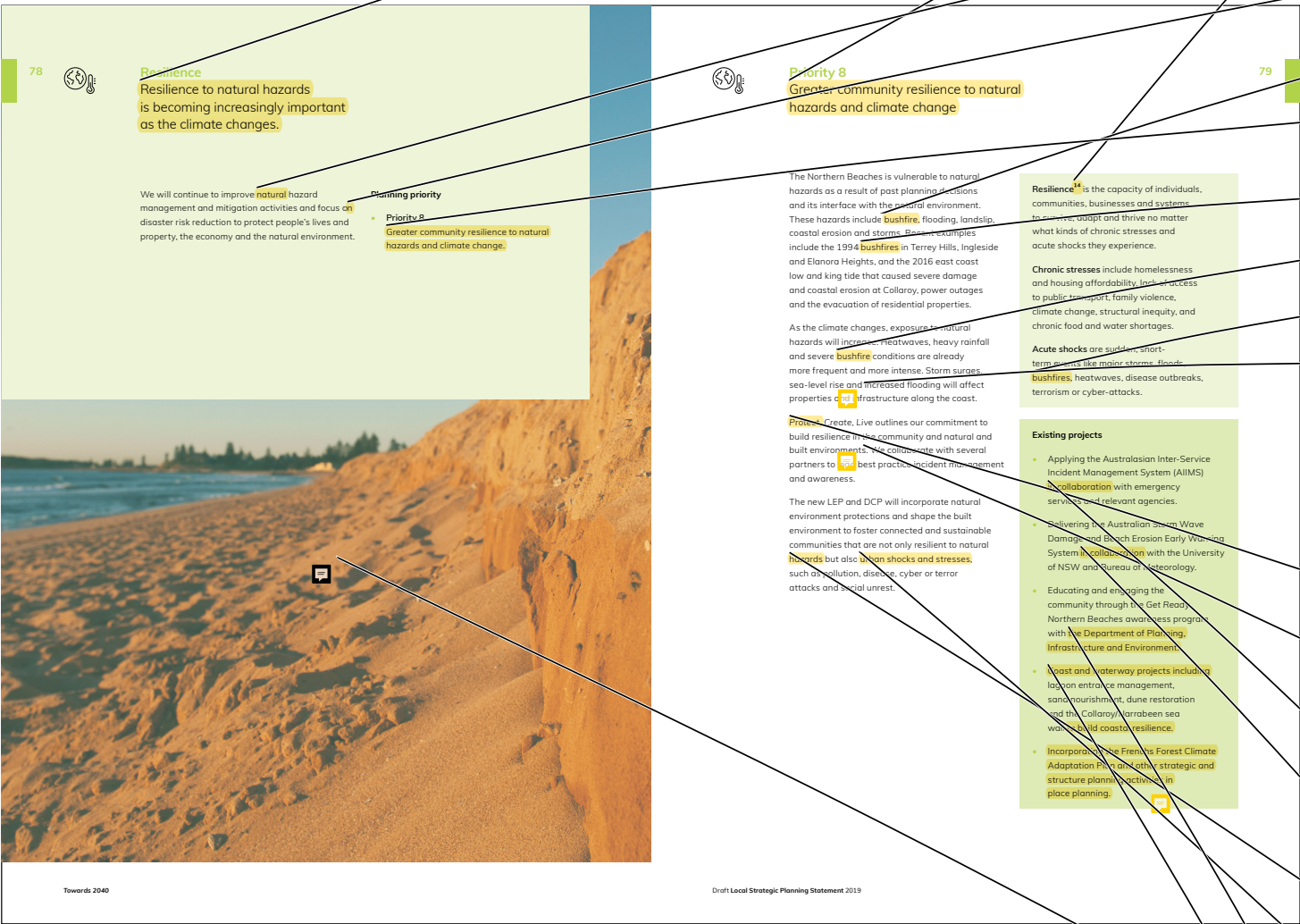
Amend action:  
of our Environment and Climate Change Strategy

Author: coullr Subject: Highlight Date: 11/02/2020 2:09:00 PM

Amend action:  
and our Transport Strategy

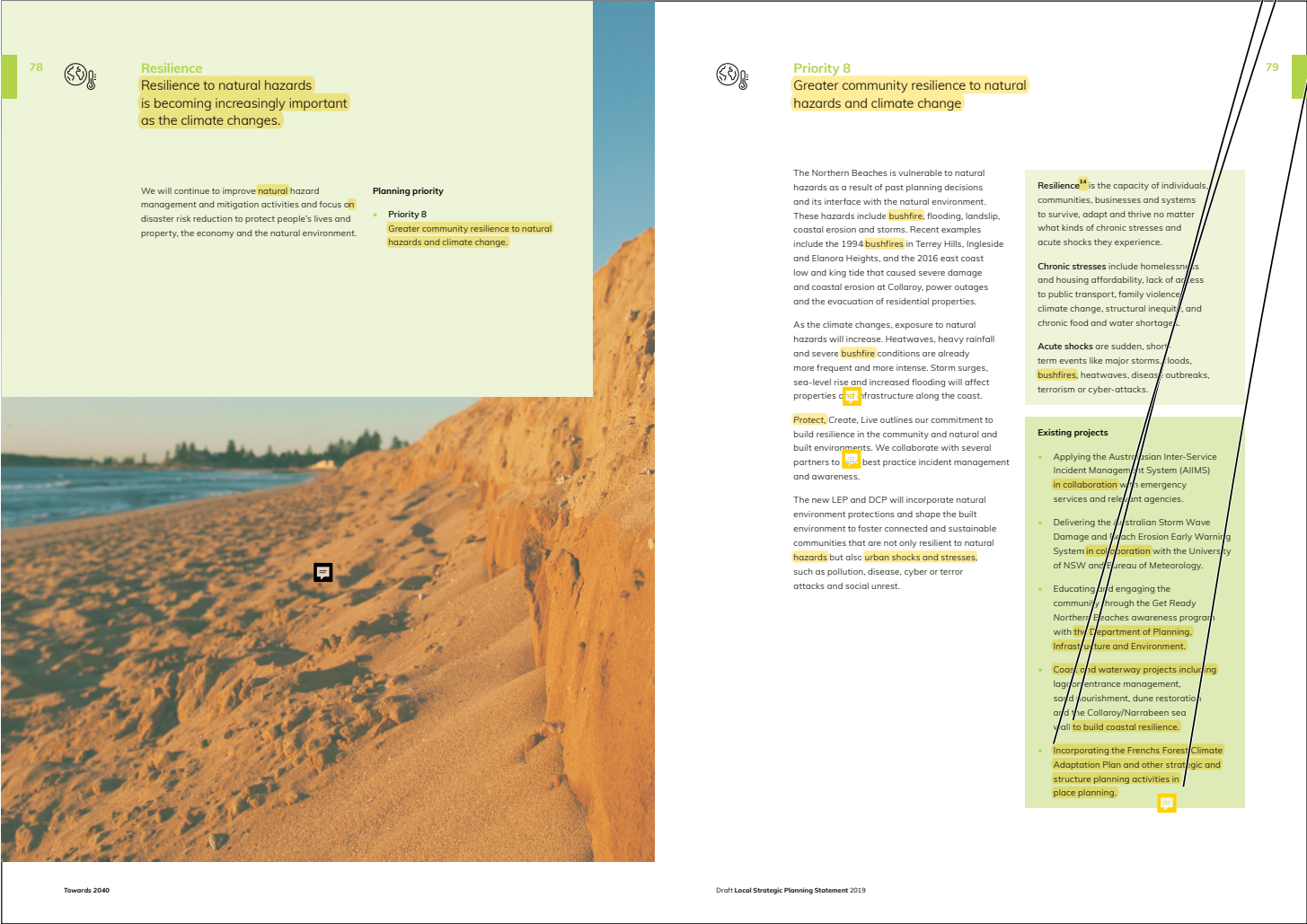
Author: coullr Subject: Sticky Note Date: 22/01/2020 11:59:31 AM

Amend action:  
Move this action to Priority 8



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                      |                              |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------|------------------------------|
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:55:21 PM  |
| Amend text:<br>Adaptation to natural and urban hazards is becoming increasingly important as the climate changes and the population grows.                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:55:34 PM  |
| Amend P8 title:<br>Adapted to the impacts of natural and urban hazards and climate change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 11/02/2020 2:13:23 PM  |
| Endnote 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:55:44 PM  |
| Amend text:<br>natural and urban                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:55:56 PM  |
| Amend text:<br>on compliance and enforcement,                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 10:12:50 AM |
| Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:56:07 PM  |
| Amend P8 title:<br>Adapted to the impacts of natural and urban hazards and climate change                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 10:12:31 AM |
| Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 10:13:03 AM |
| Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 10:13:34 AM |
| Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Sticky Note | Date: 14/02/2020 3:42:14 PM  |
| Add text:<br>A growing population will increasingly be exposed to urban hazards that result from past and present urban development activities, such as water, noise and air pollution as well as soil and groundwater contamination. These hazards are heavily influenced by land use, with major road corridors linked to air and noise pollution, industrial areas posing risk of stormwater contamination and residential areas contributing to smoke pollution, especially in winter. In the Metropolitan Rural Area, on-site wastewater systems are located in close proximity to natural waterways. |                       |                      |                              |
| <b>Declaration of Climate Emergency</b><br>Northern Beaches Council resolved on 27 August 2019 to join over 900 jurisdictions worldwide, including 35 Australian councils, and declare a state of Climate Emergency that requires immediate action by all levels of government.                                                                                                                                                                                                                                                                                                                            |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 11/02/2020 2:10:57 PM  |
| Add text:<br>Our Environment and Climate Change Strategy, Protect                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Sticky Note | Date: 16/01/2020 2:56:37 PM  |
| Add text:<br>We undertake proactive inspections, education programs and environmental auditing to ensure all reasonable and practicable measures are taken to minimise the generation of air and noise pollution and soil and groundwater contamination and its discharge into the environment.                                                                                                                                                                                                                                                                                                            |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 12:00:38 PM |
| Amend text box:<br>Delete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 22/01/2020 12:00:48 PM |
| Amend text box:<br>Delete                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:57:00 PM  |
| Amend text:<br>and urban hazards                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: Suzy.Lawrence | Subject: Highlight   | Date: 16/01/2020 2:57:11 PM  |
| Amend text:<br>chronic stresses and acute shocks                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: Suzy.Lawrence | Subject: Sticky Note | Date: 14/02/2020 2:49:00 PM  |
| Update image                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 16/01/2020 2:57:31 PM  |
| Amend text box:<br>DPIE and NSW Office of Emergency Management.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                      |                              |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Author: coulr         | Subject: Highlight   | Date: 11/02/2020 2:14:04 PM  |
| Amend text box:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                       |                      |                              |





Building coastal resilience through

- Author: coullr Subject: Highlight Date: 11/02/2020 2:14:32 PM

Amend text box:

Delete text
- Author: coullr Subject: Highlight Date: 11/02/2020 2:16:09 PM

Amend text box:

Implementing the Frenchs Forest Climate Change Adaptation Plan.
- Author: coullr Subject: Sticky Note Date: 22/01/2020 12:01:21 PM

Amend text box:

Amend text box, add new text:

Implementing the NSW Wood Smoke Reduction Program including community education programs, cash incentives to replace wood heaters and measures to enforce local air quality standards.

80

Map 8  
Northern Beaches resilience to natural hazards and climate change

81

Principles

- Minimise risk to public health and safety from urban and natural hazards.
- Reduce risk to life and property.
- Support initiatives that respond to climate change.
- Avoid intensification of development and incompatible land uses in areas exposed to natural and urban hazards.
- Mitigate the UHI effect and extreme heat.
- Improve resilience to climate change in both natural and built assets.
- Balance urban tree canopy programs and bushland restoration with natural hazard risk.

| No. | Action                                                                                                                                                                                       | Time  | Partner |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|---------|
| 8.1 | Identify high-risk bushfire prone precincts in response to the National Fire Danger Rating System                                                                                            | S     |         |
| 8.2 | Identify where to limit the intensification of development in areas exposed to hazards in the environment study and local housing strategy                                                   | I     |         |
| 8.3 | Develop LEP and DCP controls to implement these studies, including constraints mapping, coastal hazards and measures to restrict development in high-risk hazard areas                       | I     |         |
| 8.4 | Investigate a natural hazards and resilience framework to clarify Council policy on sea-level rise and address long-term natural hazard and climate-related risk across the Northern Beaches | S     |         |
| 8.5 | Develop Protect, Create, Live and associated action plans for adaptation and resilience                                                                                                      | S M L |         |
| 8.6 | Prepare a bushfire action plan for the LGA and a climate adaptation plan for Beaches Forest Planned Precinct                                                                                 | I     |         |
| 8.7 | Resolve the future of Ingleside so that any development is sustainable and resilient to natural hazards                                                                                      | I     | DPIE    |

Author: coullr Subject: Highlight Date: 21/01/2020 11:18:27 AM

Amend text:  
11

Author: coullr Subject: Highlight Date: 11/02/2020 2:13:01 PM

Amend text:  
snapshot of natural and urban hazards including impacts from climate change

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:03:59 PM

Amend map:  
- New MRA layer  
- Updated flood layer  
- Updated bushfire layer  
- Onsite wastewater in close proximity to water  
- Employment lands in close to main stormwater

Author: coullr Subject: Highlight Date: 16/01/2020 2:59:40 PM

Amend principle:  
Mitigate exposure to UV radiation, the UHI

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:00:29 PM

New principles:  
Manage risks associated with sea-level rise for coastlines and beach landscapes.

Minimise water, air and noise pollution, soil and groundwater contamination and its discharge into the environment.

Minimise adverse impacts from development in environmentally sensitive areas.

Within high risk areas, avoid developments that rely on performance-based solutions, are difficult to evacuate or would be occupied by at-risk members of the community (including schools, hospitals and nursing homes).

Author: coullr Subject: Highlight Date: 16/01/2020 3:00:11 PM

Amend principle:  
, inappropriate development

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:00:41 PM

Add partner:  
NSW RFS

Author: coullr Subject: Highlight Date: 11/02/2020 2:17:02 PM

Amend action:  
Finalise the new Northern Beaches Bush Fire Prone Land Map and undertake an appropriate strategic bush fire assessment to guide future development in accordance with State government guidelines including Planning for Bush Fire Protection (PBP)

Author: coullr Subject: Highlight Date: 11/02/2020 2:17:15 PM

Amend action:  
including bush fire prone areas for both risk minimisation and environmental protection

Author: coullr Subject: Highlight Date: 16/01/2020 3:01:10 PM

Amend action:  
Undertake studies including constraints, coastal hazards and flood mapping and develop LEP and DCP controls to restrict development in high-risk hazard areas

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:01:20 PM

Add partners:  
NSW RFS  
DPIE

Author: coullr Subject: Highlight Date: 16/01/2020 3:01:31 PM

Amend action:  
Investigate a natural hazards and resilience framework to address chronic stresses and acute shocks including but not limited to sea-level rise, natural hazards and climate-related risks across the Northern Beaches

Author: coullr Subject: Highlight Date: 11/02/2020 2:17:46 PM

Amend action:  
Implement our Environment and Climate Change Strategy Protect. Create. Live. and develop associated

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:18:25 PM

Add partners:  
DPIE  
Resilient Sydney  
Office of Emergency Management  
Cancer Institute NSW

Author: coullr Subject: Highlight Date: 16/01/2020 3:02:00 PM

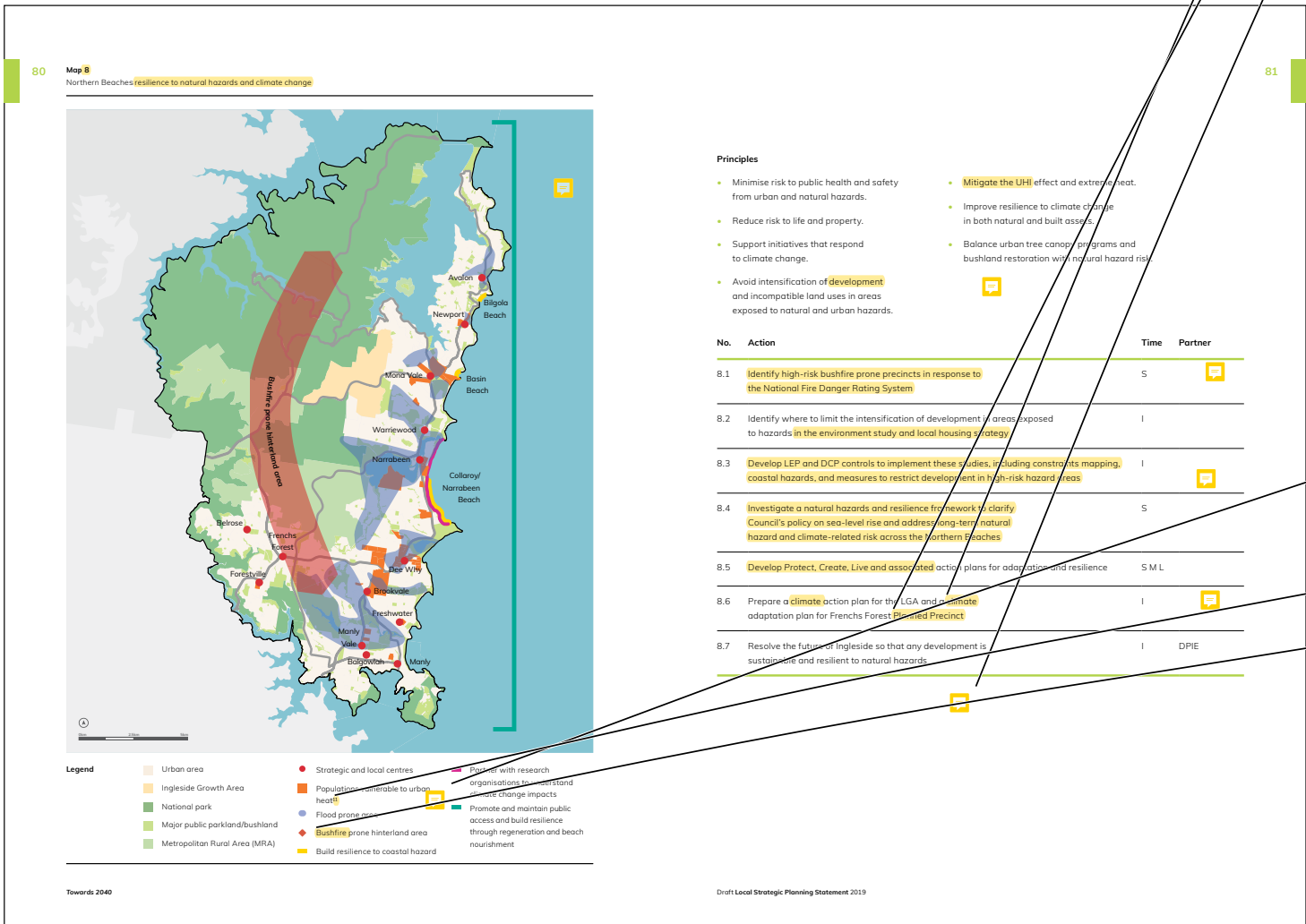
Amend action:  
climate change

Towards 2040

Draft Local Strategic Planning Statement 2019

Comments from page 41 continued on next page





Author: coullr Subject: Highlight Date: 16/01/2020 3:02:09 PM

Amend action:  
climate change

Author: coullr Subject: Highlight Date: 16/01/2020 3:02:18 PM

Amend action:  
strategic centre

Author: coullr Subject: Sticky Note Date: 20/01/2020 12:16:28 PM

Add new action (A8.8):  
Develop Council policy and LEP and DCP controls to ensure best practice environmental management of stormwater, air, noise and light pollution, and soil and groundwater contamination to minimise hazards and pollution, for example by managing wood heaters, asbestos, animals, smoking, and construction management including dewatering

Timing = S

Partner = EPA

Add new action (A8.9):  
Investigate the establishment of a baseline and ongoing monitoring for specific water, noise and air pollution sources, including metal and hydrocarbons in recreational waterways and vector borne illness (i.e. mosquitoes)

Timing = S

Partner = EPA

Add new action (A8.10):  
Investigate mechanisms to minimise the incidence of illegal dumping and land clearing using advanced technologies, increased enforcement and compliance and/or education programs

Timing = S

Partner = EPA

Action 8.11 (moved from section P7, formerly A7.6):

Investigate the establishment of Australia's first Urban Night Sky Place in Palm Beach, addressing public lighting, light pollution and energy consumption

Timing = S

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:03:15 PM

Amend map legend:  
- Future MRA investigation area  
- Onsite sewerage management system areas in close proximity to waterways or coast  
- Employment lands with risk of stormwater contamination

Author: coullr Subject: Highlight Date: 11/02/2020 2:16:45 PM

Endnote 14

Author: coullr Subject: Highlight Date: 22/01/2020 10:14:00 AM

Fix typo

This page contains no comments



|                                                                                     |                       |                      |                             |
|-------------------------------------------------------------------------------------|-----------------------|----------------------|-----------------------------|
|  | Author: Suzy.Lawrence | Subject: Sticky Note | Date: 14/02/2020 2:49:59 PM |
| Insert icon                                                                         |                       |                      |                             |
|  | Author: Suzy.Lawrence | Subject: Highlight   | Date: 14/02/2020 2:51:24 PM |
| Create text box with header:<br><b>30-minute city</b>                               |                       |                      |                             |
|  | Author: Suzy.Lawrence | Subject: Highlight   | Date: 14/02/2020 2:52:05 PM |
| Amend text:<br><br>A 30-minute city would mean                                      |                       |                      |                             |
|  | Author: coullr        | Subject: Highlight   | Date: 11/02/2020 2:19:00 PM |
| Amend text:<br>including                                                            |                       |                      |                             |
|  | Author: coullr        | Subject: Highlight   | Date: 16/01/2020 3:06:46 PM |
| Amend text:<br>place-based infrastructure compacts                                  |                       |                      |                             |

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### Infrastructure and collaboration

Providing new and upgraded infrastructure such as public transport, schools and open space is essential to a more liveable, sustainable and productive Northern Beaches.

We will partner with State agencies, councils, the community and other stakeholders to optimise existing infrastructure, deliver new and upgraded infrastructure and align growth with infrastructure planning.

**Planning priority**

- Priority 9**  
Infrastructure delivered with employment and housing growth



Towards 2040

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### Priority 9

Infrastructure delivered with employment and housing growth

A '30-minute city' is a planning concept that supports planning for a city in which people can easily access the places they need to visit each day within 30 minutes by public transport, walking or cycling from where they live. It means people spend less time commuting and more time with friends, family, undertaking education, leisure or exercise. This can be a challenge in the Northern Beaches due to the distance between centres and limited public transport.

Analysing the time it takes to travel from one area to another, where people live, and where jobs and main services are located sets the context for how the Northern Beaches functions and informs decisions about:

- the effectiveness of public transport
- better access to services and facilities
- where new development is needed or should be located.

With this understanding, we can sequence development, be selective about where and when it occurs so that new infrastructure is provided in the right place at the right time.

For example, Brookvale and Dee Why are the LGA's most accessible centres but the constrained road network must be addressed in conjunction with growth to realise the centre's potential. Precinct-level planning will mean new housing and jobs are planned alongside infrastructure for the whole precinct.

We will work with State agencies to develop and align planning for infrastructure and growth, from investment and integrated strategies where alignment across agencies is critical, such as the Beaches Link Tunnel, to smaller projects such as shared use of school sports fields.

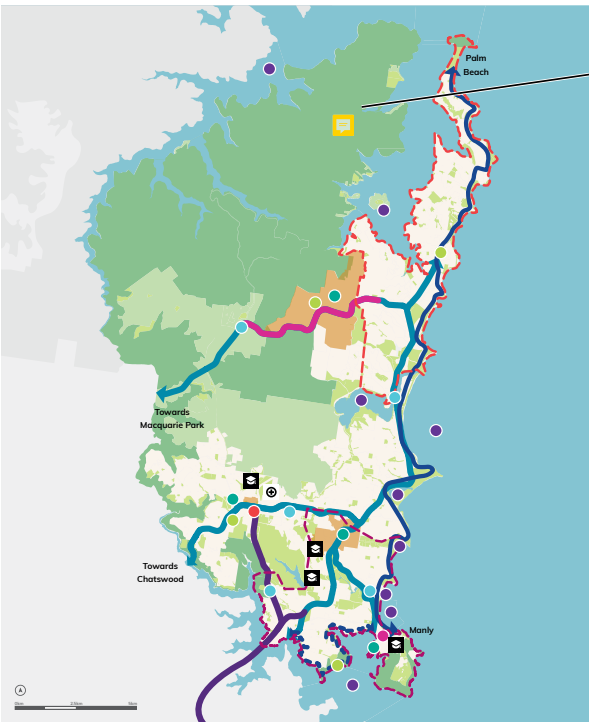
Other opportunities for collaborative approaches to land use and infrastructure planning will become apparent as we complete LEP studies, starting with an LGA-wide land use and infrastructure implementation plan that will explore growth infrastructure compacts in urban renewal areas and inform reviews of the contribution plans.

Draft Local Strategic Planning Statement 2019



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Map 8  
Northern Beaches collaboration projects



Legend

Urban area

High-use Growth Area

Public transport and infrastructure

Coast and waterways

Environment and open space

Planning areas

Public healthcare and hospitals

Arts, heritage, culture and innovation

Coast walk

Public transport and active travel connection

Beaches Link Tunnel

Mona Vale Road upgrade

Planning areas

Education

Primary medical facility

Public transport and infrastructure

B-Line bus service and commuter carparks

Dee Why - Chatswood bus connection

Mona Vale - Macquarie Park bus connection

Brookvale - Manly bus connection

Beaches Link Tunnel

Mona Vale Road upgrade

Regional cycle network

On-demand transport trials

Freight and mass transit investigations

Wharf and ferry service improvements

Electric vehicles

Partners: DPIE; TNSW; RMS; KU-ring-gang; City of Willoughby, Mosman and North Sydney Councils

Arts, heritage, culture and innovation

Public-private partnerships, for example Manly community service hub

Partners: Community service providers

Planning

Frenchs Forest Planned Precinct

Ingleside Growth Area

Brookvale strategic centre (precinct-level planning)

State Environmental Planning Policies that override local controls, for example, seniors housing, affordable housing, contribution planning and the Medium-Density Housing Code

Former Manly Hospital site

Partners: DPIE; GSC; GBCA; NSW; DOE; TNSW; RMS

Schools and education

Establish a university

School capacity planning

Shared and joint use of government-owned property, including schools and sport fields

Partners: DOE; NSW; independent schools

Public healthcare and hospitals

Northern Beaches Hospital

Frenchs Forest health and education precinct

Partners: DPIE; NSW

Coast and waterways

Manly and Shelly Beach Smart Beaches project

Coastal management programs for open coast, Hawkesbury and Sydney harbours

Monitoring and evaluation reporting at four lagoons and Pittwater

Scotland Island water and wastewater feasibility study

Partners: Sydney Coastal Councils; Lake Macquarie Council; University of Technology

Environment and open space

Coast walks connecting Palm Beach to Bondi

Greater Sydney Green Grid

Waterway health risk-based framework

Urban heat strategy

Green Star Community at Frenchs Forest

Get Ready Northern Beaches project

Sustainability Advantage program - bronze status

China Power Partnership

Ingleside Chase Reserve - biobanking agreement

Partners: DPIE; GA; City of Sydney; Mosman; North Sydney, Waverley and Woollahra Councils; Property NSW; Sydney Harbour Federation Trust; NSRDC; GBCA; Office of Emergency Management

87

Author: coullr Subject: Highlight Date: 21/01/2020 11:18:23 AM Amend text: 12

Author: coullr Subject: Highlight Date: 22/01/2020 12:02:24 PM Amend map legend: Improved bus services between Northern Beaches and Chatswood

Author: coullr Subject: Highlight Date: 22/01/2020 12:02:32 PM Amend map legend: East-west public transport connection from Mona Vale to Macquarie Park

Author: coullr Subject: Highlight Date: 22/01/2020 12:02:40 PM Amend map legend: Shared and joint use of private and public facilities, including schools and sport fields

Author: coullr Subject: Highlight Date: 22/01/2020 12:02:59 PM Amend map legend: Add partner - Office of Sport

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:09:58 PM Amend map: - Add outline of LGA - New MRA layer - Add pink dots for Mona Vale and Glen Street libraries - Add yellow dot for MOU with Narrabeen High - Label strategic centres

Author: coullr Subject: Highlight Date: 22/01/2020 12:03:11 PM Amend map legend: Principal bicycle

Author: coullr Subject: Highlight Date: 22/01/2020 12:03:20 PM Amend map legend: Delete 'trials'

Author: coullr Subject: Highlight Date: 11/02/2020 2:19:41 PM Amend map legend: Delete 'RMS'

Author: coullr Subject: Highlight Date: 11/02/2020 2:20:06 PM Amend map legend: Public-private partnerships facilitating shared use of public and private facilities for arts and cultural activity and community services, for example Manly community service hub

Author: coullr Subject: Sticky Note Date: 22/01/2020 12:03:51 PM Amend map legend: Add text Libraries

Add partners: SL ALIA

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:20:47 PM Amend map legend/add partner: DPIE

Author: coullr Subject: Highlight Date: 11/02/2020 2:21:28 PM Amend map legend: Move to under 'coast and waterways'

Author: coullr Subject: Highlight Date: 11/02/2020 2:22:50 PM Amend map legend: Application of State Environmental Planning Policies that override local controls

Author: coullr Subject: Highlight Date: 11/02/2020 2:21:47 PM Amend map legend: Delete 'urban heat strategy'

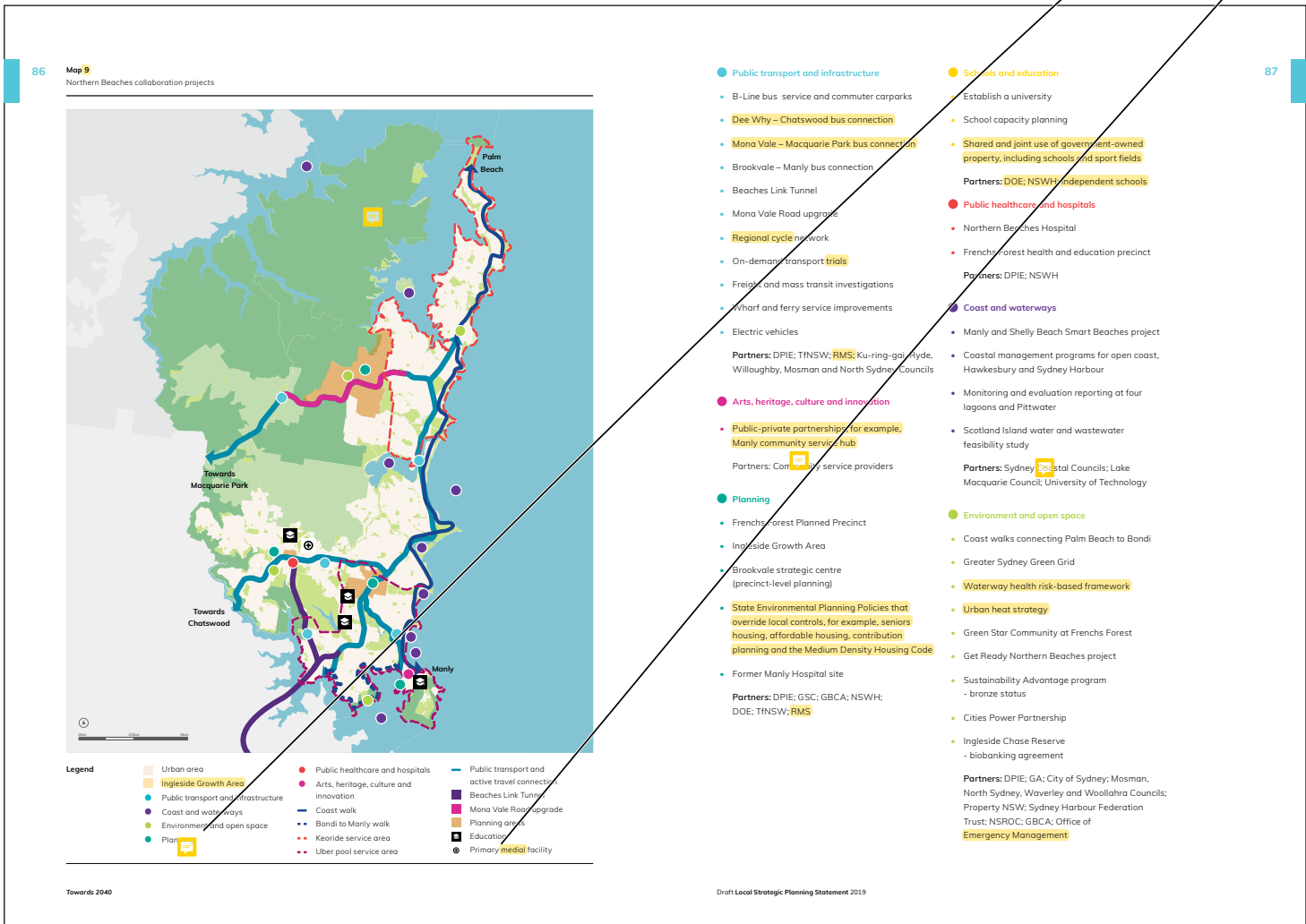
Author: coullr Subject: Highlight Date: 11/02/2020 2:23:19 PM Amend map legend: Delete 'RMS'

Author: coullr Subject: Highlight Date: 11/02/2020 2:24:17 PM Amend map legend: Delete 'Ingleside Growth Area'

Author: coullr Subject: Highlight Date: 11/02/2020 2:24:57 PM

Comments from page 44 continued on next page





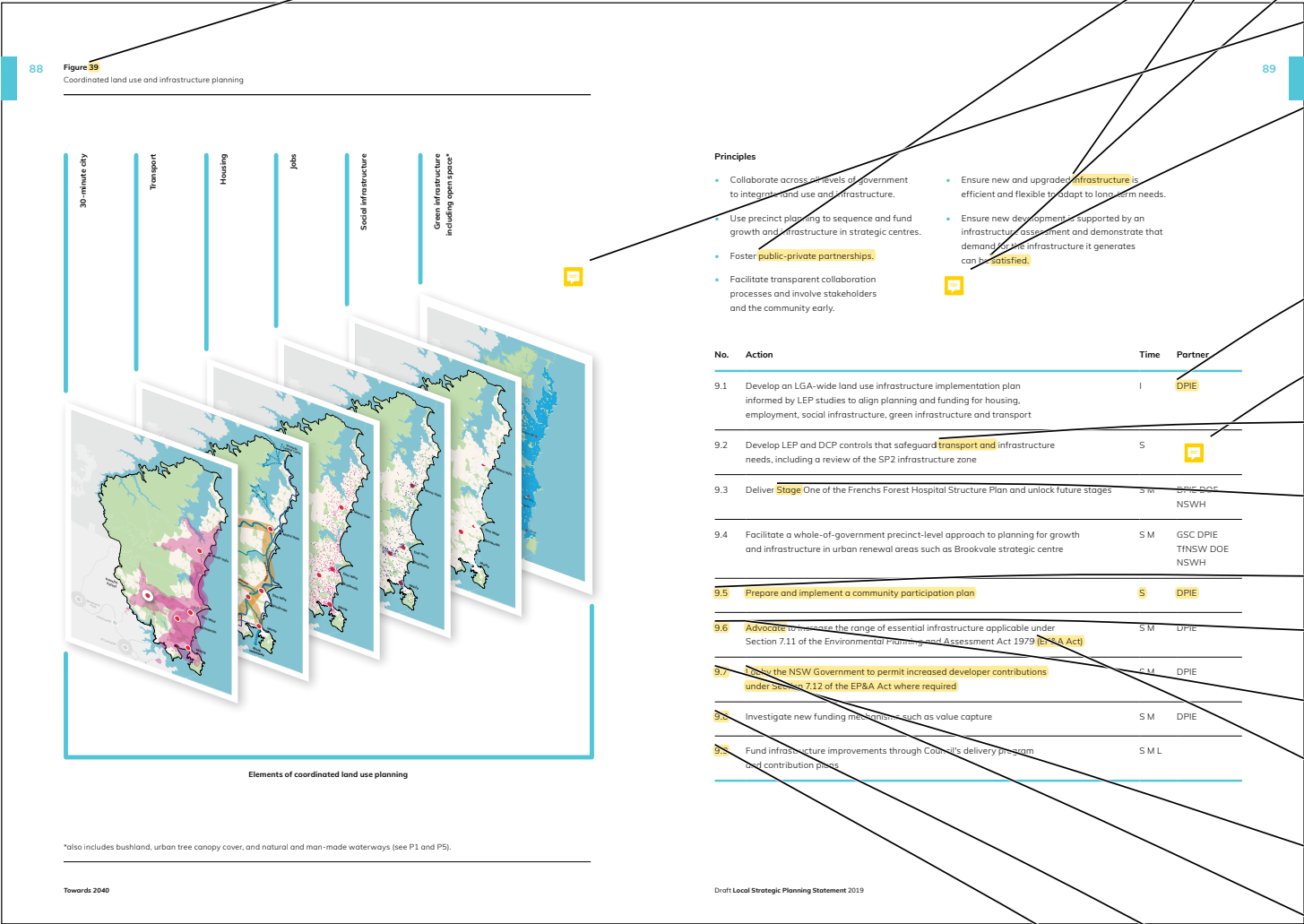
Amend map legend/add partners:  
Office of Sport  
Sydney Water  
Resilient Sydney

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:12:01 PM

Amend map legend:  
- Future MRA investigation area  
- Yellow dot - schools and education  
- Mona Vale Road upgrade - show as line as per map

Author: coullr Subject: Highlight Date: 16/01/2020 3:12:24 PM

Fix typo



- Author: coullr Subject: Highlight Date: 21/01/2020 11:18:20 AM  
Amend text:  
40
- Author: coullr Subject: Highlight Date: 11/02/2020 2:26:48 PM  
Amend principle:  
infrastructure contributes to the circular economy, considers whole of life cycle costs,
- Author: coullr Subject: Highlight Date: 16/01/2020 3:13:59 PM  
Amend principle:  
public-private partnerships and shared use of private and public facilities.
- Author: coullr Subject: Highlight Date: 22/01/2020 12:04:49 PM  
Amend principle:  
satisfied. This includes social and transport infrastructure.
- Author: coullr Subject: Sticky Note Date: 16/01/2020 3:14:38 PM  
Amend infographic:  
- Fix up the green infrastructure map for consistency with other maps
- Author: coullr Subject: Sticky Note Date: 11/02/2020 2:25:24 PM  
New principles:  
Protect existing waste infrastructure land and activities including waste transfer stations and resource recovery facilities.
- Ensure upgrades to infrastructure address impacts from climate change, including urban heat, UV radiation exposure, sea-level rise and increased incidence of bush fire, flooding and storm surges.
- Incorporate public art projects into infrastructure upgrades.
- Author: coullr Subject: Highlight Date: 16/01/2020 3:15:36 PM  
Add partner:  
TfNSW
- Author: coullr Subject: Sticky Note Date: 16/01/2020 3:15:45 PM  
Add partner:  
TfNSW
- Author: coullr Subject: Highlight Date: 16/01/2020 3:15:54 PM  
Amend action:  
transport, waste and other
- Author: coullr Subject: Highlight Date: 16/01/2020 3:16:07 PM  
Amend action:  
Phase
- Author: coullr Subject: Highlight Date: 22/01/2020 12:07:30 PM  
Delete action
- Author: coullr Subject: Highlight Date: 21/01/2020 11:18:16 AM  
Amend text:  
9.5
- Author: coullr Subject: Highlight Date: 16/01/2020 3:16:32 PM  
Amend action:  
Work with the NSW Government
- Author: coullr Subject: Highlight Date: 16/01/2020 3:16:42 PM  
Amend action:  
(EP&A Act), including green and sustainable infrastructure
- Author: coullr Subject: Highlight Date: 21/01/2020 11:18:13 AM  
Amend text:  
9.6
- Author: coullr Subject: Highlight Date: 16/01/2020 3:16:52 PM  
Amend action:  
Work with the NSW Government to permit an increase to maximum permitted development contributions under Section 7.12 of the EP&A Act where required
- Author: coullr Subject: Highlight Date: 21/01/2020 11:18:08 AM  
Amend text:  
9.7
- Author: coullr Subject: Highlight Date: 21/01/2020 11:18:05 AM  
Amend text:  
9.8

This page contains no comments





92

### People

Everyone in the Northern Beaches community should be able to engage in activities where they interact with others, improve their health and wellbeing or get involved in education.

Our planning must respond to the community's existing needs while being mindful of projected demographic changes.

**Planning priorities**

- Priority 10**  
World-class education facilities, including a university
- Priority 11**  
Community facilities and services that meet the changing community needs
- Priority 12**  
An inclusive, healthy, safe and socially connected community
- Priority 13**  
Strong engagement and cooperation with Aboriginal communities
- Priority 14**  
An artistic, creative and innovative culture

### Priority 10

World-class education facilities, including a university

Tertiary education and training facilities on the Northern Beaches include TAFE NSW, Northern Beaches at Brookvale, International College of Management Sydney at Manly and the University of New South Wales (UNSW) Water Research Laboratory at Manly Vale, Australia's largest and most comprehensive hydraulics laboratory.

The LGA has a great opportunity: the potential of the Frenchs Forest health and science precinct, which contains the Northern Beaches Hospital. The North District Plan identifies Frenchs Forest as a health and education cluster model that includes university collaboration or a campus.

There are opportunities for research in health and related fields at Frenchs Forest in partnership with industry in allied health, aged care, sport and exercise science. Co-location of a new university with Northern Beaches Hospital would create a world-class health and education precinct with potential for secondary benefits of business growth in the new town centre and adjoining business park.

The Northern Beaches has a large population of people aged between five and 20 years compared to the North District and Greater Sydney. An extra 3,454 school students will need to be accommodated in schools in the Northern Beaches by 2036. We will work with the Department of Education and independent providers to address the expected increase in school students.

By 2036, many young people will transition from high school to tertiary education, adding to the existing 12,500 university students on the Northern Beaches. **If they can continue to study locally, we can retain more younger people on the Northern Beaches.**

The LGA has a lower than average participation in tertiary education, at only 6.7% of the 15 to 64 year old age group compared with 9% for Greater Sydney. University students on the Northern Beaches mostly live around Dee Why, Balgowlah and Bexon Hill. They travel between one hour to two hours and 40 minutes (by bus) to access university. Without a university campus on the Northern Beaches, and with poor public transport and indirect routes to other campuses, students have few options.

**Figure 40**  
Other industry specialisation opportunities for higher education on the Northern Beaches

Health

Marine and environment

Climate change

Coastal management

Water management

Towards 2040

Draft Local Strategic Planning Statement 2019

Page: 47

|  |                                                                                                                                                                                                                                                   |                              |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 11/02/2020 2:27:52 PM  |
|  | Amend text:<br>the International                                                                                                                                                                                                                  |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 22/01/2020 12:10:33 PM |
|  | Amend P14 title: A community enriched through the arts and connected through creativity                                                                                                                                                           |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 22/01/2020 12:10:51 PM |
|  | Fix typo: Delete 'the'                                                                                                                                                                                                                            |                              |
|  | Author: coullr Subject: Sticky Note                                                                                                                                                                                                               | Date: 11/02/2020 2:28:40 PM  |
|  | Add text:<br>More broadly, future opportunities include all forms of tertiary education and new models for learning, such as satellite campuses; shared communal learning spaces; online learning; flexible teaching facilities and partnerships. |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 11/02/2020 2:29:00 PM  |
|  | Endnote 19                                                                                                                                                                                                                                        |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 14/02/2020 2:53:23 PM  |
|  | Amend text:<br>more than one hour                                                                                                                                                                                                                 |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 21/01/2020 11:18:02 AM |
|  | Amend text:<br>41                                                                                                                                                                                                                                 |                              |
|  | Author: coullr Subject: Highlight                                                                                                                                                                                                                 | Date: 11/02/2020 2:29:52 PM  |
|  | Endnote 19                                                                                                                                                                                                                                        |                              |



- Author: coullr Subject: Highlight Date: 21/01/2020 11:17:58 AM

Amend text:  
42
- Author: coullr Subject: Highlight Date: 11/02/2020 2:30:10 PM

Endnote 19
- Author: coullr Subject: Highlight Date: 16/01/2020 3:20:42 PM

Amend principle:  
opportunities, including use of libraries to support individual and group study.
- Author: coullr Subject: Highlight Date: 16/01/2020 3:20:51 PM

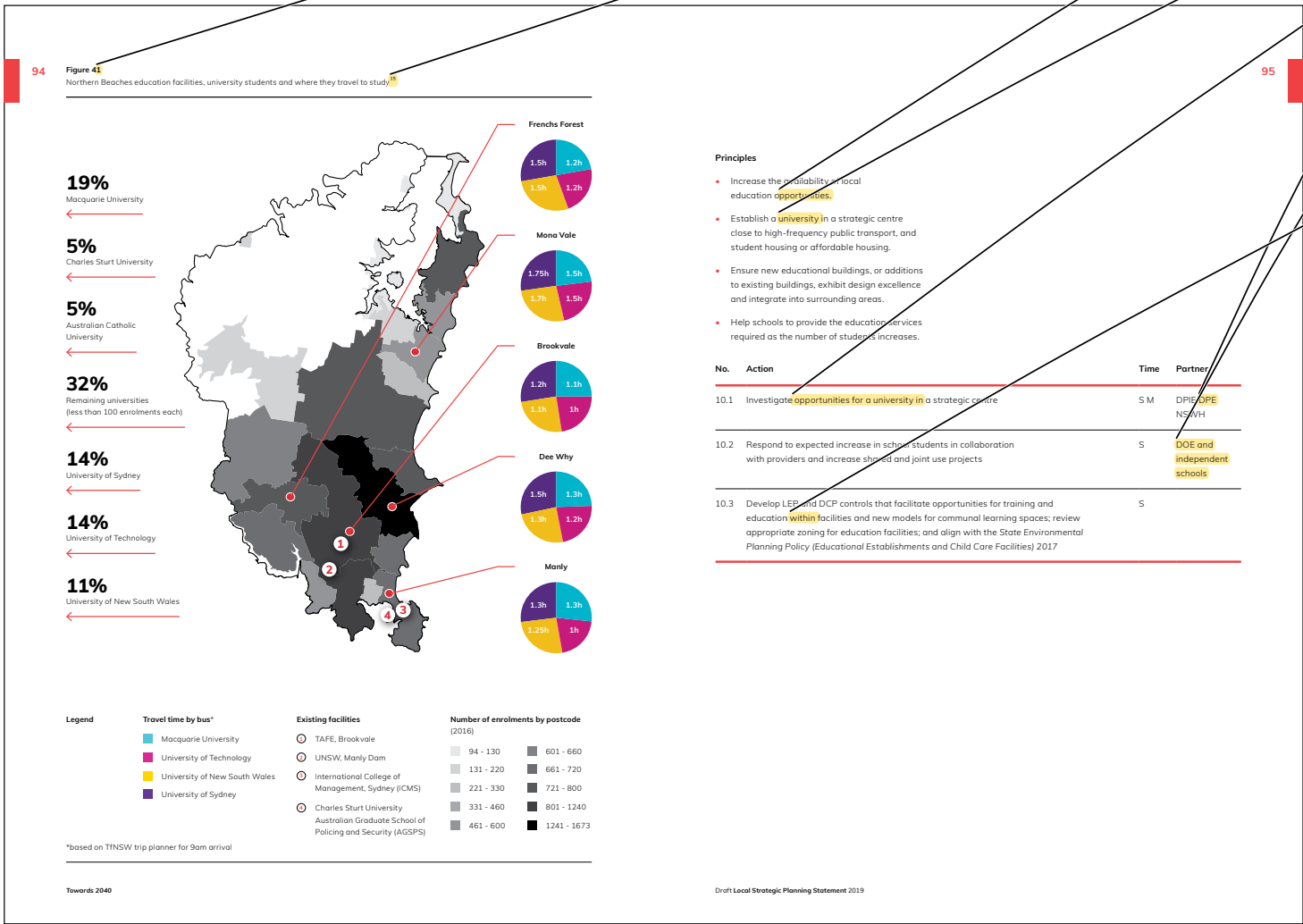
Amend principle:  
university and/or tertiary education options
- Author: coullr Subject: Highlight Date: 16/01/2020 3:21:00 PM

Amend action:  
opportunities and partnerships to bring a university and/or more tertiary education options to
- Author: coullr Subject: Highlight Date: 16/01/2020 3:22:42 PM

Fix typo - DOE
- Author: coullr Subject: Highlight Date: 16/01/2020 3:21:58 PM

Add partner:  
Office of Sport
- Author: coullr Subject: Highlight Date: 11/02/2020 2:30:46 PM

Amend principle:  
within existing



- Author: coulr

Subject: Highlight

Date: 11/02/2020 2:31:22 PM

Amend text:

Delete
- Author: coulr

Subject: Highlight

Date: 16/01/2020 3:24:23 PM

Amend text:

use of public and private facilities for arts and cultural activities and community uses
- Author: coulr

Subject: Highlight

Date: 11/02/2020 2:32:16 PM

Amend text:

include tailoring facilities to
- Author: coulr

Subject: Sticky Note

Date: 20/01/2020 4:15:21 PM

Add text:

It is acknowledged that there are many organisations and businesses that offer a range of social, lifestyle and community functions to local residents. Some of these are owned and operated by private or not-for-profit organisations such as cafes, sports clubs and other registered clubs. Such facilities play an important role in supporting community wellbeing.
- Author: coulr

Subject: Highlight

Date: 21/01/2020 11:17:54 AM

Amend text:

44
- Author: coulr

Subject: Highlight

Date: 21/01/2020 11:17:51 AM

Amend text:

43
- Author: coulr

Subject: Highlight

Date: 11/02/2020 2:32:42 PM

Endnote 15
- Author: coulr

Subject: Highlight

Date: 11/02/2020 2:33:08 PM

Endnote 15
- Author: coulr

Subject: Sticky Note

Date: 16/01/2020 3:23:34 PM

Amend infographic:

- Change icon

- Change text: 15 children services (long day care, pre-school, vacation care and family day care)
- Author: coulr

Subject: Sticky Note

Date: 16/01/2020 3:24:06 PM

Amend infographic, add legend:

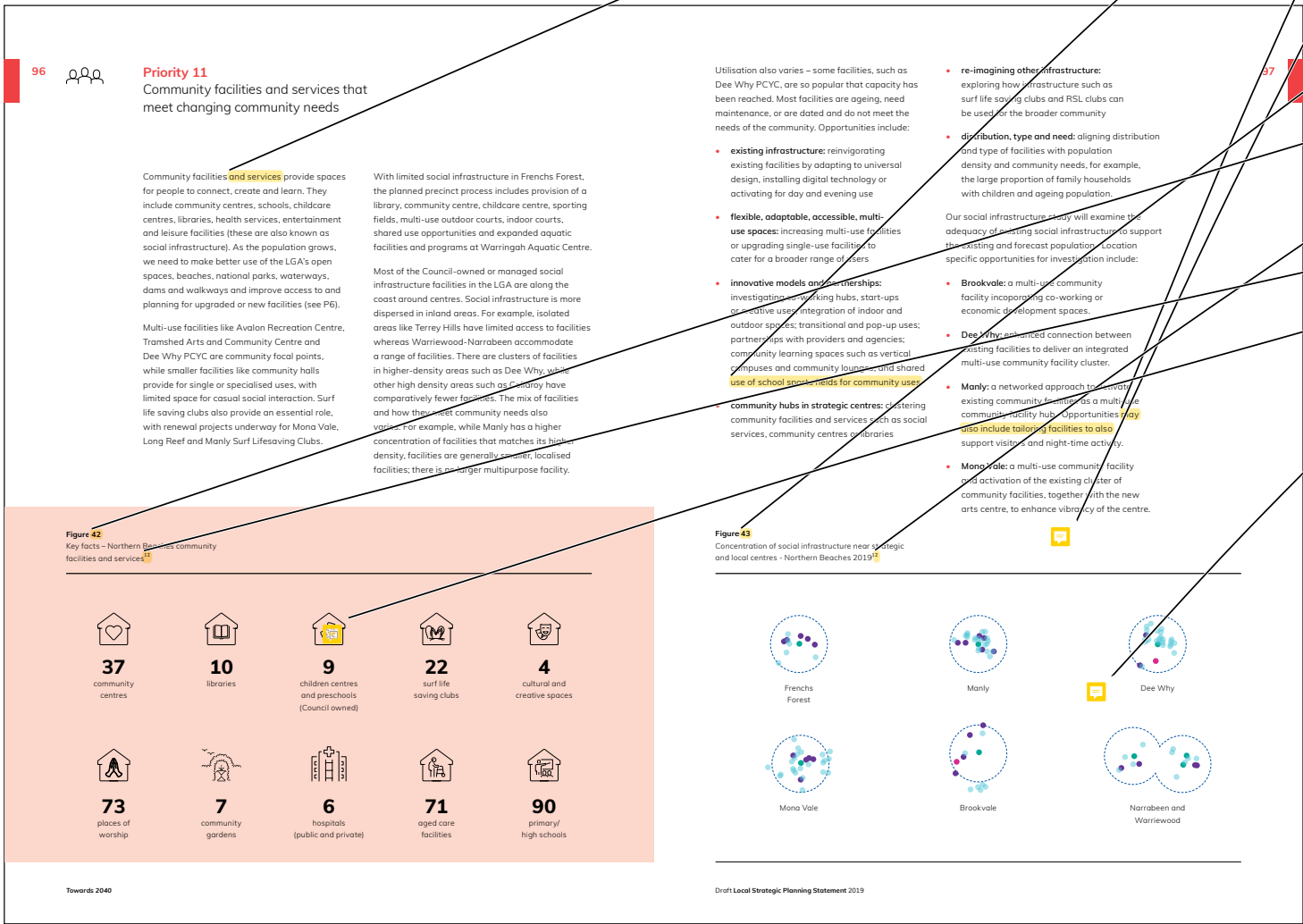
- Blue dot: centre

- Light blue dot: local social infrastructure

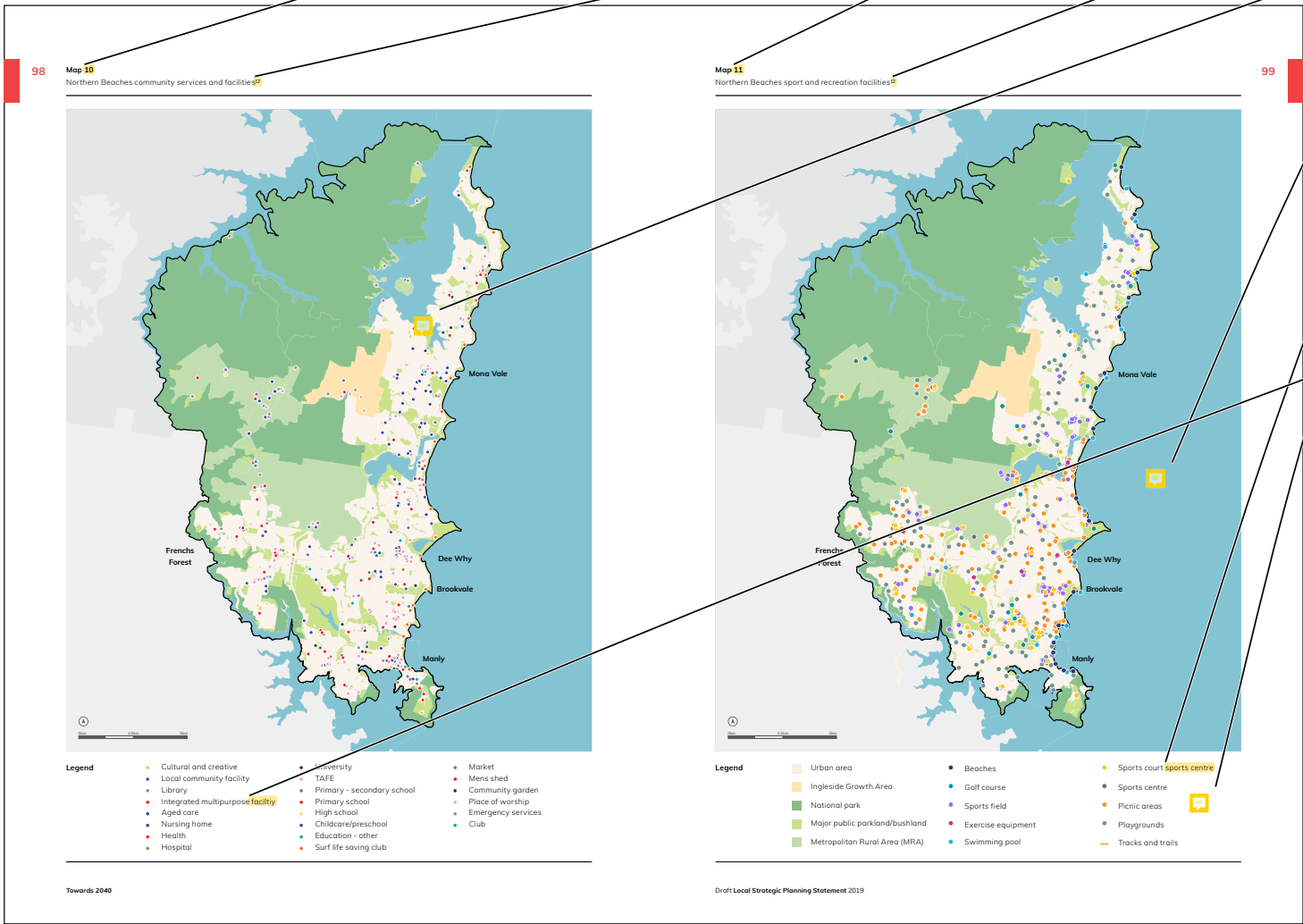
- Purple dots: district social infrastructure

- Pink dots: regional social infrastructure

- Dotted circle: 800m catchment



|                                                                                     |                                     |                              |
|-------------------------------------------------------------------------------------|-------------------------------------|------------------------------|
|  | Author: coullr Subject: Highlight   | Date: 21/01/2020 11:17:48 AM |
|                                                                                     | Amend text:                         |                              |
|                                                                                     | 13                                  |                              |
|  | Author: coullr Subject: Highlight   | Date: 21/01/2020 11:17:44 AM |
|                                                                                     | Amend text:                         |                              |
|                                                                                     | 14                                  |                              |
|  | Author: coullr Subject: Highlight   | Date: 11/02/2020 2:33:35 PM  |
|                                                                                     | Endnote 15                          |                              |
|  | Author: coullr Subject: Highlight   | Date: 11/02/2020 2:33:48 PM  |
|                                                                                     | Endnote 15                          |                              |
|  | Author: coullr Subject: Sticky Note | Date: 16/01/2020 3:25:20 PM  |
|                                                                                     | Amend map:                          |                              |
|                                                                                     | - New MRA layer                     |                              |
|  | Author: coullr Subject: Sticky Note | Date: 16/01/2020 3:25:46 PM  |
|                                                                                     | Amend map:                          |                              |
|                                                                                     | - New MRA layer                     |                              |
|                                                                                     | - Turn off tracks and trails layer  |                              |
|                                                                                     | - Add coast walk                    |                              |
|                                                                                     | - Add Bondi to Manly walk           |                              |
|  | Author: coullr Subject: Highlight   | Date: 11/02/2020 2:34:44 PM  |
|                                                                                     | Fix typo/ delete                    |                              |
|  | Author: coullr Subject: Sticky Note | Date: 16/01/2020 3:26:23 PM  |
|                                                                                     | Amend map legend:                   |                              |
|                                                                                     | - Future MRA investigation area     |                              |
|                                                                                     | - Coast walk                        |                              |
|                                                                                     | - Bondi to Manly walk               |                              |
|  | Author: coullr Subject: Highlight   | Date: 11/02/2020 2:34:22 PM  |
|                                                                                     | Fix typo                            |                              |



100

Principles

- Plan effectively for an accessible and integrated network of places and spaces that support community wellbeing and innovation.
- Ensure new development is supported by appropriate social infrastructure.
- Support integration of co-working spaces as part of future upgrades or provision of new social infrastructure.
- Enhance the effectiveness of existing facilities.
- Provide flexible, diverse and multi-use places and spaces close to public transport and strategic and local centres.

- Involve the community in the planning and design of high-quality, innovative and inspiring places and spaces.
- Encourage partnerships for shared and joint use of government and privately owned facilities for **community uses**.
- Enable co-location of community services and facilities in community hubs in strategic centres.

No.

Action

Time

Partner

11.1

Complete a social infrastructure study, open space and recreation strategy, **children's services strategy**, community centres strategy, social plan and specialised plans **for specific demographics** (young people, older people, people with a disability or people from a culturally or linguistically diverse background)

I

11.2

Prepare and implement a property strategy to optimise Council-owned property for long-term benefit, addressing findings of social infrastructure study

S

11.3

Incorporate the findings of these studies by planning for new and upgraded infrastructure or developing LEP and DCP controls that facilitate and incentivise joint and shared use, universal design and multi-use facilities

S

11.4

Prepare place plans that respond to the findings of these studies

O

11.5

Explore opportunities for joint and shared use and public-private partnerships

S M

TfNSW JPRC NSWHS

11.6

Build community services and facilities at Frenchs Forest and Warringah Aquatic Centre, including a **library and community space**

S M

DPIE DOE NSWHS

11.7

Renew and implement a memorandum of understanding for joint use projects and establish tracking to monitor progress

S M

DOE

11.8

Investigate funding mechanisms for new social infrastructure, especially through precinct-based urban renewal in strategic centres

S

DPIE

11.9

**Finalise and implement** the Arts and Creativity Strategy, Community Development and Services Policy, Sportsground Strategy and Disability Action Plan 2017-21

S M

11.10

Prepare a public transport plan to improve access to community facilities

S

TfNSW

Lionel Watts

Playing Fields, Davidson

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:30:32 PM

Amend text:  
sportsgrounds, Frenchs Forest
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:30:40 PM

Amend principle:  
arts and cultural activity, education and community uses.
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 3:30:52 PM

Add partners:  
Office of Sport  
ALIA  
SL
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:31:01 PM

Amend action:  
children's
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:31:18 PM

Amend action:  
strategy, library strategy,
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:31:26 PM

Amend action:  
(thematic or specific demographics such as young people
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 3:31:36 PM

Add partner:  
Office of Sport
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:31:57 PM

Add partners:  
Office of Sport  
SL  
independent schools
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:32:13 PM

Add partner:  
Office of Sport
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:32:21 PM

Amend action:  
library, community space and childcare (subject to available funding)
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:32:36 PM

Add partner:  
Office of Sport
- Author: coullr

Subject: Highlight

Date: 16/01/2020 3:32:48 PM

Add partner:  
Office of Sport
- Author: coullr

Subject: Highlight

Date: 22/01/2020 12:12:24 PM

Amend action:  
Delete



- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:17:41 AM

Amend text:  
46
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:35:17 PM

Endnote 20
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:38:29 PM

Amend text:  
number of people compared
- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:17:35 AM

Amend text:  
45
- Author: coullr

Subject: Highlight

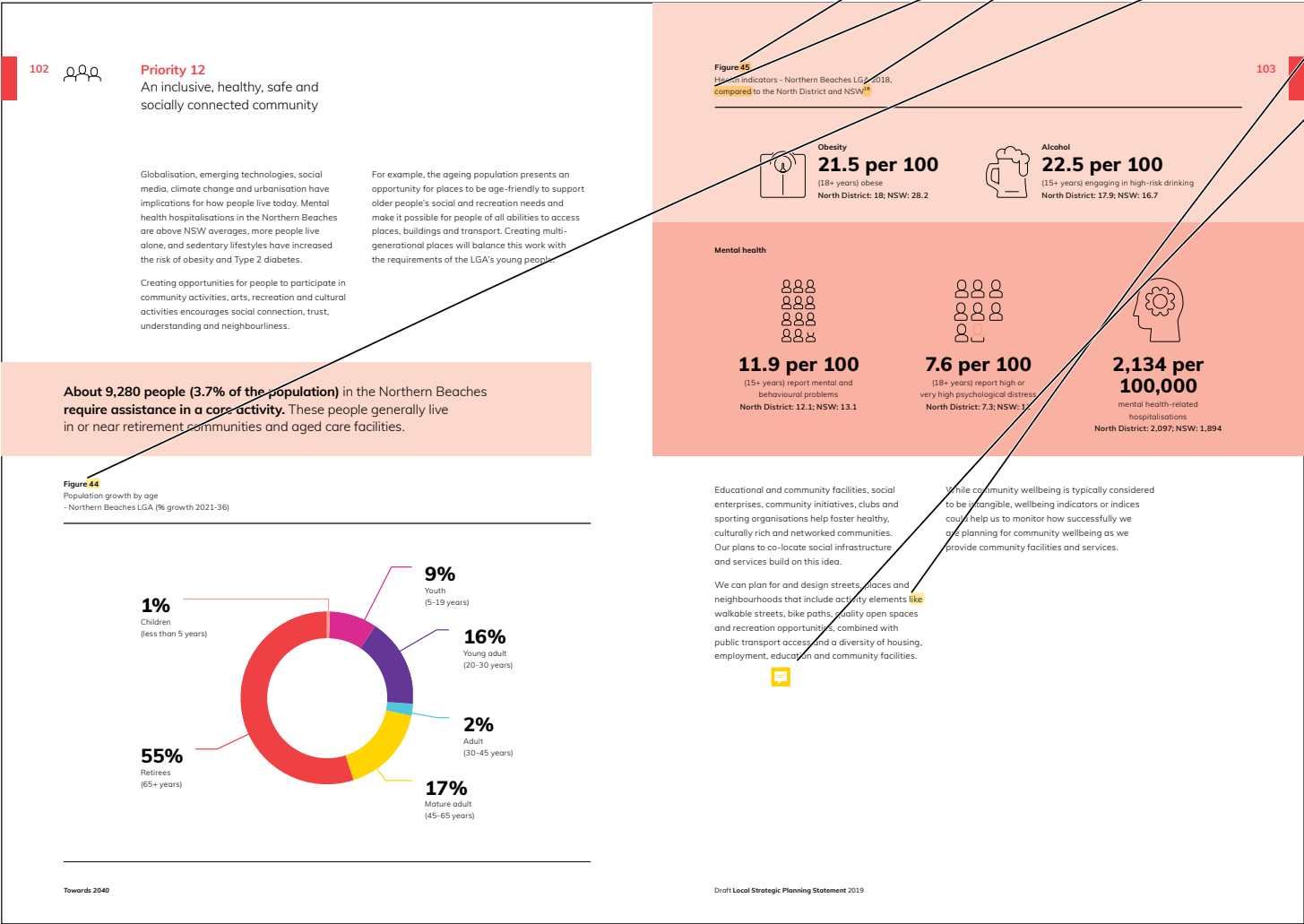
Date: 16/01/2020 3:33:50 PM

Amend text:  
like cafes,
- Author: coullr

Subject: Sticky Note

Date: 11/02/2020 2:38:53 PM

Add text:  
We must also plan for cemeteries that support the community's diverse religious and cultural practices and the individual's right to a dignified interment. The North District is predicted to have a shortfall of 1,519 burial spaces by 2036, with Mona Vale and Manly cemeteries estimated to run out of burial spaces in the next 5-15 years. Planning for local cemeteries will support our mental health and emotional wellbeing, enabling regular visits to these special places for remembrance and reflection.  
...  
Endnote 21 (after 2036)



104

Principles

- Develop neighbourhoods that inspire social interaction and inclusion and support health and wellbeing.
- Prioritise community services and facilities in areas where there is evidence of greater needs.
- Locate seniors housing, social and affordable housing near centres and high-frequency public transport.

- Promote active travel and public transport to community facilities and services.
- Cater for social interaction, creative and cultural pursuits and night-time activity in public places.
- Encourage fresh food production in urban areas, such as community gardens, private gardens, rooftop gardens and verge gardens.
- Provide accessible, welcoming and safe places for all ages, abilities and cultures.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                                     | Time | Partner              |
|------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|
| 12.1 | Engage early with State agencies in precinct and place plans to plan for healthy, safe and socially connected communities                                                                                                                                                                                                                                                  | S M  | All                  |
| 12.2 | Deliver Frenchs Forest <b>Planned Precinct</b> that meets Green Star liveability criteria for healthy and active living, safety, accessibility and access to fresh food; community development projects and programs; and celebrating culture, heritage and identity                                                                                                       | S M  | DPIC TNSW<br>DOE NSW |
| 12.3 | Prepare and implement a community participation plan to ensure representation from diverse communities                                                                                                                                                                                                                                                                     | S    | DPIE                 |
| 12.4 | Prepare a social infrastructure study, open space and recreation strategy, social plan and specialised plans for specific demographics (young people, older people, people with a disability or people from a culturally or linguistically diverse background), community centre strategy                                                                                  | I    |                      |
| 12.5 | Develop LEP and DCP controls that respond to these studies and address universal design requirements; communal spaces in residential flat buildings, including fresh food production in urban areas; design criteria for the public domain, including making it easier to walk and cycle; temporary uses; night-time economy; arts and creative industries; and public art | S    |                      |
| 12.6 | Implement the Arts and Creativity Strategy; Disability Action Plan 2017-2021 and Community Development and Services Policy                                                                                                                                                                                                                                                 | S M  |                      |
| 12.7 | Develop wellbeing indicators to monitor community health and community facilities and services provision                                                                                                                                                                                                                                                                   | S M  |                      |
| 12.8 | Prepare a public transport plan that identifies and improves public transport service to concentrations of vulnerable population groups                                                                                                                                                                                                                                    | S    | TNSW                 |
| 12.9 | Investigate mechanisms to address homelessness                                                                                                                                                                                                                                                                                                                             | S    | DPIE                 |

Cafés in Newport

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr Subject: Highlight Date: 16/01/2020 3:35:20 PM

Amend principle:

Encourage the availability of healthy fresh food in shops and

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:39:52 PM

Replace photo

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:35:29 PM

New principle:

Support the provision of local, sustainable, affordable, innovative and culturally appropriate interment services.

Author: coullr Subject: Highlight Date: 16/01/2020 3:35:39 PM

Amend action:

safe, active and

Author: coullr Subject: Highlight Date: 16/01/2020 3:35:48 PM

Amend action:

strategic centre

Author: coullr Subject: Highlight Date: 16/01/2020 3:36:01 PM

Add partner:

Office of Sport

Author: coullr Subject: Highlight Date: 22/01/2020 12:12:55 PM

Delete action

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:07 PM

Amend action number:

12.3

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:36:19 PM

Add partner:

Office of Sport

Author: coullr Subject: Highlight Date: 16/01/2020 3:36:29 PM

Amend action:

children services strategy, social

Author: coullr Subject: Highlight Date: 16/01/2020 3:36:38 PM

Amend action:

plans (thematic or specific demographics such as young people

Author: coullr Subject: Highlight Date: 11/02/2020 2:39:32 PM

Amend action:

and

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:17 PM

Amend action number:

12.4

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:36:49 PM

Add partner:

Office of Sport

Author: coullr Subject: Highlight Date: 16/01/2020 3:36:57 PM

Amend action:

including green, active recreation and/or sports facilities on rooftops;

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:25 PM

Amend action number:

12.5

Author: coullr Subject: Highlight Date: 22/01/2020 12:13:56 PM

Amend action:

Delete

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:37:15 PM

Add partner:

NSLHD

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:36 PM

Amend action number:

12.6

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:47 PM

Amend action number:

12.7

Author: coullr Subject: Highlight Date: 22/01/2020 12:14:54 PM

Amend action number:

104

Principles

- Develop neighbourhoods that inspire social interaction and inclusion and support health and wellbeing.
- Prioritise community services and facilities in areas where there is evidence of greater needs.
- Locate seniors housing, social and affordable housing near centres and high-frequency public transport.

- Promote active travel and public transport to community facilities and services.
- Cater for social interaction, creative and cultural pursuits, and night-time activity in public places.
- Encourage fresh food production in urban areas, such as community gardens, private gardens, rooftop gardens and verge gardens.
- Provide accessible, welcoming and safe places for all ages, abilities and cultures.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                                               | Time | Partner              |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------------------|
| 12.1 | Engage early with State agencies in precinct and place plans to plan for healthy, safe and socially connected communities                                                                                                                                                                                                                                                            | S M  | All                  |
| 12.2 | Deliver Frenchs Forest Planned Precinct that meets Green Star liveability criteria for healthy and active living, safety, walkability and access to fresh food; community development projects and programs; and celebrating culture, heritage and identity                                                                                                                          | S M  | DPIE TNSW<br>DOE NSW |
| 12.3 | Prepare and implement a community participation plan to ensure representation from diverse communities                                                                                                                                                                                                                                                                               | S    | DPIE                 |
| 12.4 | Prepare a social infrastructure study, open space and recreation strategy, social plan and specialised plans for specific demographics (young people, older people, people with a disability or people from a culturally or linguistically diverse background), community centre strategy                                                                                            | I    |                      |
| 12.5 | Develop LEP and DCP controls that respond to these studies and address universal design requirements; communal spaces in residential flat buildings, including rooftops; fresh food production in urban areas; design criteria for the public domain, including making it easier to walk and cycle; temporary uses; night-time economy; arts and creative industries; and public art | S    |                      |
| 12.6 | Finalise and implement the Arts and Creativity Strategy; Disability Action Plan 2017-2021 and Community Development and Services Policy                                                                                                                                                                                                                                              | S M  |                      |
| 12.7 | Develop wellbeing indicators to monitor community health and community facilities and services provision                                                                                                                                                                                                                                                                             | S M  |                      |
| 12.8 | Prepare a public transport plan that identifies and improves public transport service to concentrations of vulnerable population groups                                                                                                                                                                                                                                              | S    | TNSW                 |
| 12.9 | Investigate mechanisms to address homelessness                                                                                                                                                                                                                                                                                                                                       | S    | DPIE                 |

Cafés in Newport

Towards 2040

Draft Local Strategic Planning Statement 2019

12.8

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:40:32 PM

New action (A12.9):  
Develop and implement a library strategy to improve community literacy and access to information

Timing = I

Partners = ALIA, SL

New action (A12.10):  
Investigate mechanisms to address the identified shortfall in local cemeteries, including innovative solutions, earmarking appropriate land for new and expanded cemeteries and investigating options for Council to acquire further land to expand existing interment services

Timing = O

Partners = Cemeteries and Crematoria NSW

106



Priority 13  
Strong engagement and cooperation with Aboriginal communities

Before European settlement, Northern Sydney's Aboriginal clans lived along harbours, foreshores, fishing and hunting in the waters and hinterlands, and harvesting food from the surrounding bush.

There are more than 440 identified Aboriginal heritage sites on the Northern Beaches, places and objects that Aboriginal people connect to physically and spiritually. This includes shell middens, rock paintings (such as stencil art protected in rock shelters), grinding grooves and water holes, ceremonial grounds, burials, rock engravings, scarred trees, stone and ochre quarries, fish traps, stone arrangements and seed grinding patches. These sites must be protected from development, vandalism and natural erosion.

Nearly 1,400 people (0.5% of the population) in the Northern Beaches identify as Aboriginal and Torres Strait Islander.

The Aboriginal worldview is based around a kinship with the natural environment. The connection Aboriginal and Torres Strait Islander people have with their land and heritage can also influence the economic self-determination of Aboriginal communities, especially on MLALC-owned land (see P4). MLALC-owned land is set to increase through the Crown Lands Transfer Program, an independently facilitated process that streamlines Aboriginal land claims and provides certainty to all parties in terms of Crown land. Northern Beaches LGA is part of an initial phase of this project.

The Aboriginal Heritage Office is a joint initiative by Lane Cove, North Sydney, Willoughby, Ku-ring-gai, Strathfield and Northern Beaches Councils to protect Aboriginal heritage in these areas.

Our Stories, Irrawang Reserve



Northern Beaches Council supports reconciliation between Aboriginal peoples and the councils of the North District.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Time | Partner                  |
|------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------|
| 13.1 | Develop LEP and DCP controls that protect Aboriginal heritage and areas of cultural significance including the Government Architect NSW's Ochre Sand (once finalised)                                                                                                                                                                                                                                                                                                                                                                                                         | S    | AHO GA<br>DPIE           |
| 13.2 | Finalise the Crown Lands Transfer Program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | S    | DPIE<br>MLALC            |
| 13.3 | Work with MLALC to implement initiatives in their community land and business plan including tourism strategies and aspirations for a cultural centre; homelessness strategies and social housing schemes; and identification and protection of places with high cultural heritage values                                                                                                                                                                                                                                                                                     | S M  | MLALC<br>NSWALC          |
| 13.4 | Prepare and implement a community participation plan that incorporates Aboriginal representation and collaboration with the local Aboriginal Heritage Office                                                                                                                                                                                                                                                                                                                                                                                                                  | S    | AHO                      |
| 13.5 | Investigate mechanisms to better connect with Aboriginal and Torres Strait Islander people and living cultures, including:<br><br>a. engaging an Aboriginal Liaison Officer to direct how we consult with local Aboriginal and Torres Strait Islander people<br><br>b. establishing either a local reconciliation action plan or treaty between Aboriginal and Torres Strait Islander people of the northern parts of Sydney and respective councils<br><br>c. supporting a national treaty between Aboriginal and Torres Strait Islander people and all levels of government | S M  | AHO<br>MLALC<br>Councils |

Towards 2040

Draft Local Strategic Planning Statement 2019

- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:40:54 PM

Endnote 22
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:41:13 PM

Amend text:  
four Aboriginal Places and 1,060 recorded Aboriginal Sites
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:42:08 PM

Amend text:  
These include
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:42:28 PM

Endnote 22
- 

Author: coullr Subject: Highlight Date: 16/01/2020 3:40:17 PM

Add partner:  
MLALC
- 

Author: coullr Subject: Highlight Date: 16/01/2020 3:38:54 PM

Amend action:  
schemes; feasible and appropriate land use opportunities;
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:43:15 PM

Amend action:  
Implement the community participation plan and incorporate
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:43:33 PM

Amend text:  
with
- 

Author: coullr Subject: Highlight Date: 11/02/2020 2:44:02 PM

Amend text:  
and Torres Strait Islander communities.
- 

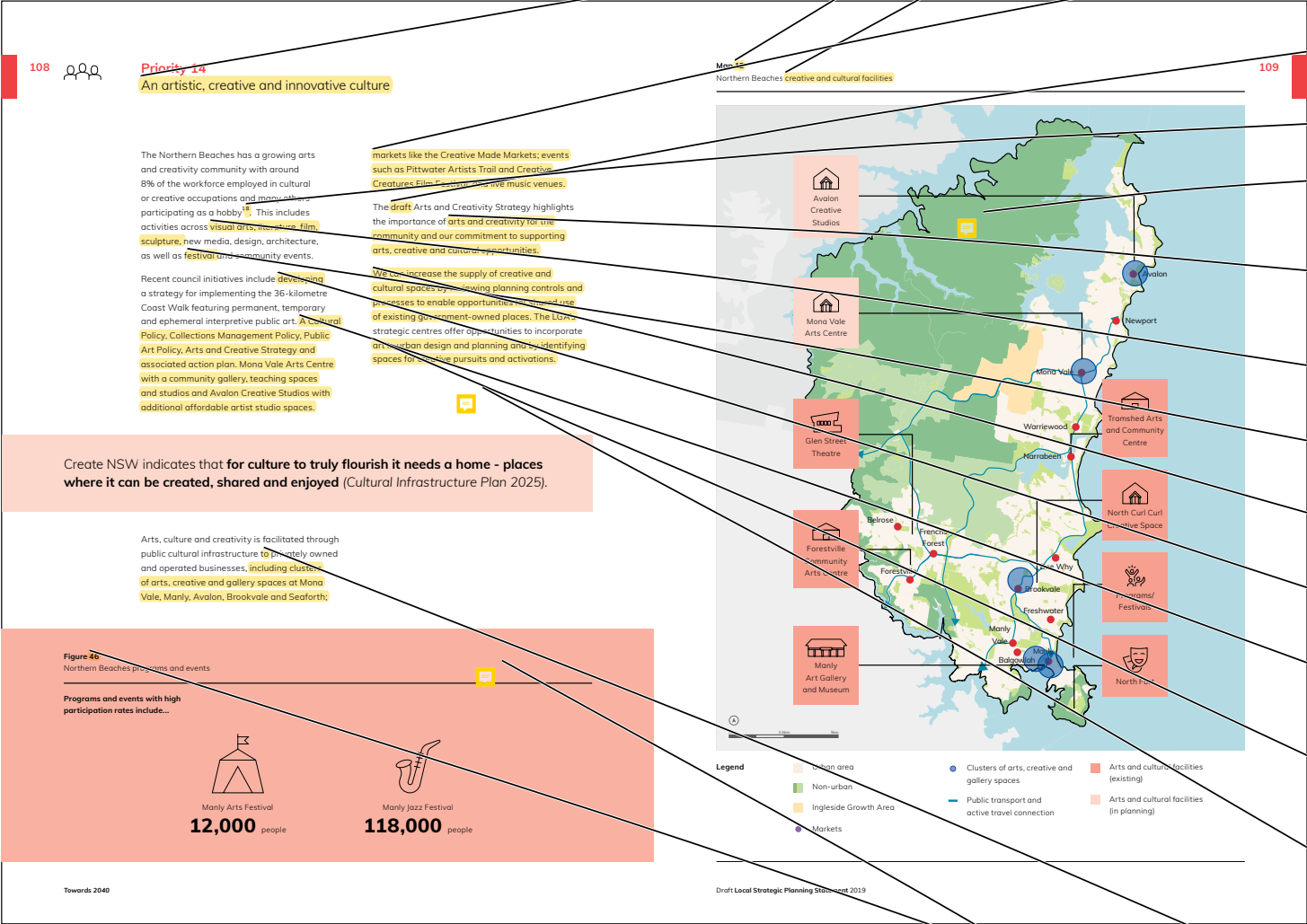
Author: coullr Subject: Highlight Date: 16/01/2020 3:39:11 PM

Amend action:  
in collaboration with Aboriginal
- 

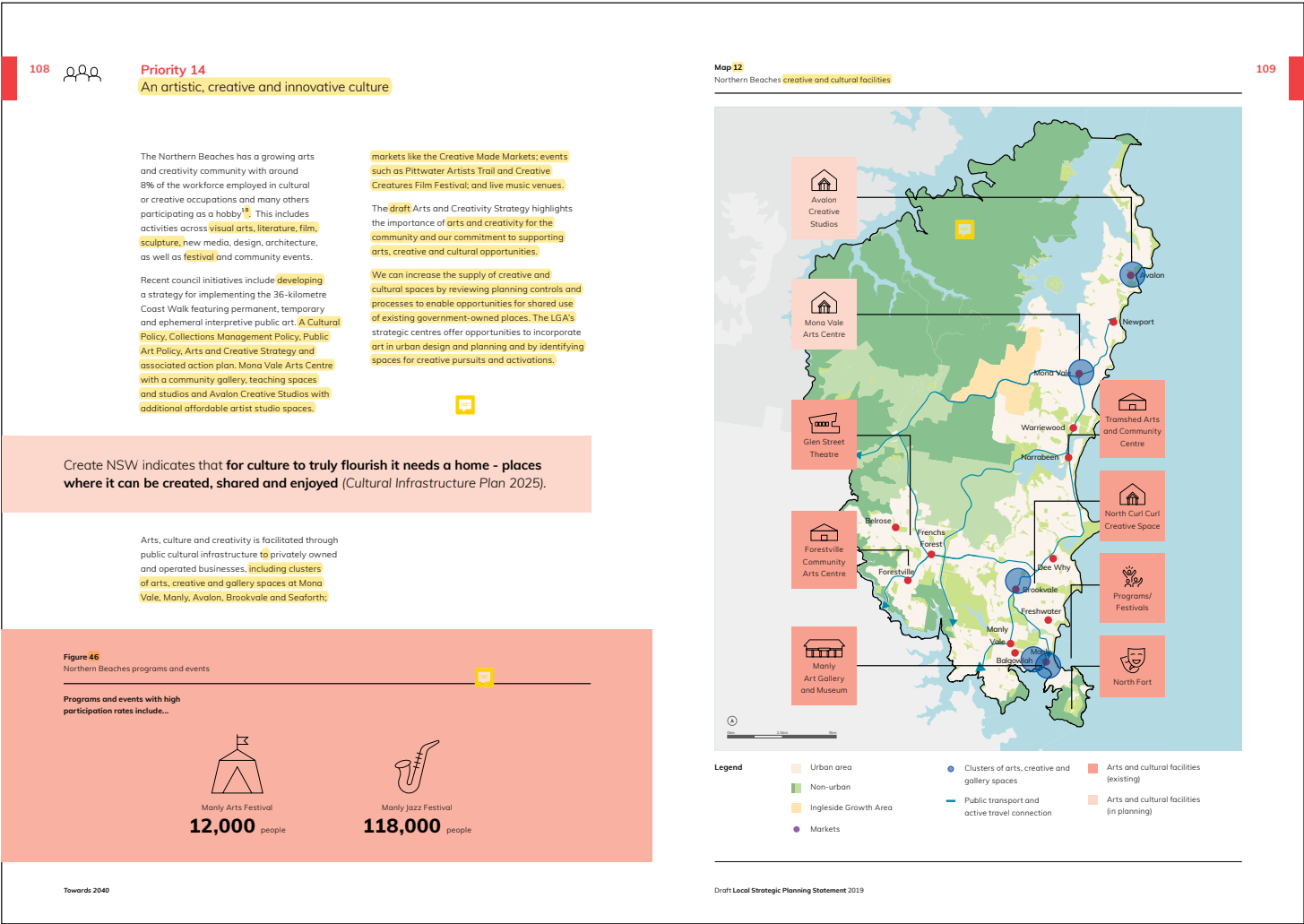
Author: coullr Subject: Highlight Date: 22/01/2020 12:15:44 PM

Amend partner:  
North District councils





- Author: coullr Subject: Highlight Date: 21/01/2020 11:17:08 AM  
Amend text:  
15
- Author: coullr Subject: Highlight Date: 11/02/2020 2:44:22 PM  
Amend text:  
creative spaces and places snapshot  
....  
Endnote 23
- Author: coullr Subject: Highlight Date: 22/01/2020 12:16:13 PM  
Amend P14 title: A community enriched through the arts and connected through creativity
- Author: coullr Subject: Highlight Date: 16/01/2020 3:41:00 PM  
Amend text:  
From the photographic studios in Warriewood to the surfboard shapers in Brookvale, the artist-run initiatives in Seaford, jewellers, ceramics groups, painters,, sculptors, writers, film-makers, screen printers and musicians, the Northern Beaches is a powerhouse of creative industries.
- Author: coullr Subject: Highlight Date: 22/01/2020 12:16:27 PM  
Amend text:  
Delete
- Author: coullr Subject: Highlight Date: 11/02/2020 2:44:41 PM  
Endnote 23
- Author: coullr Subject: Sticky Note Date: 16/01/2020 3:41:15 PM  
Amend map:  
- Replace map with map from Council's Arts and Creativity Strategy (page 22)
- Author: coullr Subject: Highlight Date: 16/01/2020 3:41:23 PM  
Amend text:  
making room for the creative sector and this includes reviewing planning controls and processes that enable and support creative businesses to establish and thrive.
- Author: coullr Subject: Highlight Date: 16/01/2020 3:41:39 PM  
Amend text:  
visual and performing arts, literature, film, fashion,
- Author: coullr Subject: Highlight Date: 11/02/2020 2:45:06 PM  
Amend text:  
festivals
- Author: coullr Subject: Highlight Date: 16/01/2020 3:41:48 PM  
Amend text:  
Our
- Author: coullr Subject: Highlight Date: 16/01/2020 3:41:57 PM  
Amend text:  
the adoption of a 10-year Arts and Creativity Strategy to guide the development of a sustainable and thriving local culture of arts and creativity, and
- Author: coullr Subject: Highlight Date: 16/01/2020 3:42:04 PM  
Amend text:  
Council will deliver new creative spaces at Mona Vale that will include studios, workshop and exhibition spaces and, at Avalon that will include workshop and affordable studio spaces.
- Author: coullr Subject: Highlight Date: 16/01/2020 3:42:12 PM  
Amend text:  
artists in urban design and planning processes to deliver integrated and innovative outcomes for the local community that are authentic to the Northern Beaches.
- Author: coullr Subject: Sticky Note Date: 14/02/2020 2:55:59 PM  
Add text:  
Arts and creativity skillsets are also increasingly recognised for their importance in supporting problem solving and creative solutions with the updated acronym STEAM (Science, Technology, Engineering, Arts and Mathematics). Developing future-focused skills in our community is an important way of supporting innovation and creative problem-solving to tackle our big challenges.
- Author: coullr Subject: Highlight Date: 16/01/2020 3:42:18 PM  
Amend text:  
as well as
- Author: coullr Subject: Highlight Date: 21/01/2020 11:17:05 AM  
Amend text:  
47
- Author: coullr Subject: Sticky Note Date: 11/02/2020 2:45:55 PM  
Amend infographic:  
- Replace infographic with figure from Council's Arts and Creativity Strategy 'How we got creative over the last 12 months'  
....



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Principles

- Create a network of arts, cultural and creativity spaces that contribute to the community and economy.
- Enable arts and creative uses, including shared use of government-owned property for temporary uses such as art exhibitions, art productions, markets and events.
- Enhance and promote creative expression and public art participation, including during the evening.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                       | Time | Partner  |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|----------|
| 14.1 | Finalise and implement the Arts and Creativity Strategy and action plan, Collection Management Policy and Public Art Policy                                                                                                                                                                                                                                  | O    |          |
| 14.2 | Develop LEP and DCP controls that respond to social infrastructure and employment studies, the economic development plan and the Arts and Creative Strategy, including temporary use such as markets in community centres; and facilitate public art in public and private development and use of vacant tenancies for arts, cultural or creative industries | S    |          |
| 14.3 | Investigate opportunities for shared use of government-owned property such as schools, hospitals, libraries, galleries and theatres or community centres for creative uses and/or exhibition spaces                                                                                                                                                          | S M  | NSWH DoE |
| 14.4 | Review barriers to enable the arts and creative initiatives, such as review of approval processes and planning pathways                                                                                                                                                                                                                                      | S    |          |
| 14.5 | Deliver the coast walk and implement the Coast Walk Public Art Strategic Plan – including permanent public artworks, integrated design projects, heritage interpretation and arts, and cultural programs                                                                                                                                                     | O    |          |
| 14.6 | Deliver a new arts centre in Manly Vale                                                                                                                                                                                                                                                                                                                      | M    |          |
| 14.7 | Repurpose Avalon Golf Clubhouse for artist studios and workshops                                                                                                                                                                                                                                                                                             | S    |          |
| 14.8 | Investigate arts and creative opportunities in place plans                                                                                                                                                                                                                                                                                                   | S    |          |
| 14.9 | Pursue opportunities to integrate public art outcomes into the new Frenchs Forest Town Centre                                                                                                                                                                                                                                                                | M    |          |

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Mural, Manly



Draft Local Strategic Planning Statement 2019

Towards 2040

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:46:15 PM

New principles:  
Broaden the scope of art in public places to include temporary works, sensory experiences, immersive events and artwork on hoardings for long-term developments.

Support Aboriginal-led creative workshops, education and exhibitions and implement art in significant locations.

Author: coullr Subject: Highlight Date: 16/01/2020 3:44:32 PM

Amend principle:  
Create a network of inclusive places and spaces for the arts, cultural expression and creativity to contribute to community well-being, innovation and industry growth.

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:44:44 PM

Replace photo

Author: coullr Subject: Highlight Date: 16/01/2020 3:44:56 PM

Amend principle:  
Enable arts and cultural activity, including shared use of private and public facilities for temporary uses such as art exhibitions, art productions, markets and events, including during the evening.

Author: coullr Subject: Highlight Date: 16/01/2020 3:45:07 PM

Amend principle:  
Enhance and promote design excellence and artistic expression and creativity in the public domain to strengthen connection to place.

Author: coullr Subject: Highlight Date: 16/01/2020 3:45:17 PM

Amend action:  
Implement the Arts and Creativity Strategy, Northern Beaches Public Art Policy, Collection Management Policy and Community Centres Strategy

Author: coullr Subject: Highlight Date: 20/01/2020 4:18:00 PM

Amend action:  
uses in community centres; public and private developments; and address the needs of the arts and creative businesses

Author: coullr Subject: Highlight Date: 16/01/2020 3:45:35 PM

Amend action:  
private and public facilities such as schools, hospitals, libraries, galleries and theatres or community centres for creative uses and/or exhibition spaces

Author: coullr Subject: Highlight Date: 11/02/2020 2:46:31 PM

Amend action:  
a contemporary arts and creativity centre

Author: coullr Subject: Highlight Date: 16/01/2020 3:46:05 PM

Amend action:  
Provide artist studios and workshop space at Avalon Golf Course

Author: coullr Subject: Highlight Date: 14/02/2020 2:56:23 PM

Amend action:  
to grow place vibrancy in place plans, public domain guidelines, the destination management plan and night-time economy strategy



112



### Housing

Demand for housing is linked to population growth.

The population of the Northern Beaches is steadily growing. Much of the demand for new housing can be met by development in areas already zoned for growth such as Dee Why, Brookvale and Manly Vale, and in developing areas such as the Frenchs Forest **Planned Precinct**. We will still need to identify and plan for some growth in new areas over the medium to longer term to meet demand.

The demand for different forms of housing is also increasing, particularly medium density housing such as townhouses. With limited housing diversity, the Northern Beaches offers few affordable housing options and limited access to social housing.

The Northern Beaches requires a mix of housing types in well-planned neighbourhoods that are close to jobs, public transport, and walking and cycling options.

**Planning priorities**

- **Priority 15**  
Housing supply, choice and affordability in the right locations
- **Priority 16**  
Access to quality social housing and affordable housing

113



### Priority 15

Housing supply, choice and affordability in the right locations

In 2016 there were 101,468 dwellings in the Northern Beaches LGA. The North District Plan sets a target for an additional 3,400 dwellings in the Northern Beaches between 2016 and 2021. We are well on the way to achieving this target through developments in existing centres and in areas such as Warriewood Valley. We will develop a 20-year housing target and a 20-year target in our local housing strategy, scheduled to be released in the first half of 2020.

**The projected population growth for the Northern Beaches is expected to generate demand for an additional 11,747 new dwellings. Meeting this demand equates to an average of 652 new dwellings per year. This is consistent with historic development trends.**

**There is capacity for around 6,400 new dwellings to be developed in areas already zoned for growth and 4,360 dwellings are planned in the Frenchs Forest Planned Precinct.** Housing increases could also result from plans for the Ingleside Growth Area, the Brookvale Structure Plan Area and through implementation of the NSW Government's **Medium Density** Housing Code.

The draft Land Use and Infrastructure Strategy for Ingleside proposed 2,400 low to medium density homes. However, a **Bushfire Risk Assessment** prepared in 2018 found new residents could be exposed to unacceptable **bushfire** risks. Future housing capacity at Ingleside is therefore being reviewed in collaboration with the NSW Government to determine overall dwelling capacity.

The draft Brookvale Structure Plan identifies the potential for an additional 6,400 dwellings. This plan will be revised once additional traffic and transport investigations are completed.

The NSW Government's **Medium Density Housing Code** will permit a variety of medium density development in the LGA as "permitted" development on land that is not currently subject to these controls. The commencement of the Code has been deferred until **31 October 2019. Council has requested an extension to the deadline and is seeking to address this issue via our local housing strategy.**

**Housing types**

- Nearly 40% of households are couples with children living mainly in detached dwellings. However, a third live in attached dwellings or apartments, a trend that is expected to increase.
- Most homes – 56% – are separate dwellings. Higher density dwellings (semi-detached 9% and apartments 34%) are concentrated around coastal locations like Manly and Dee Why. The rest of the LGA generally comprises lower density housing.

**Coming and going**

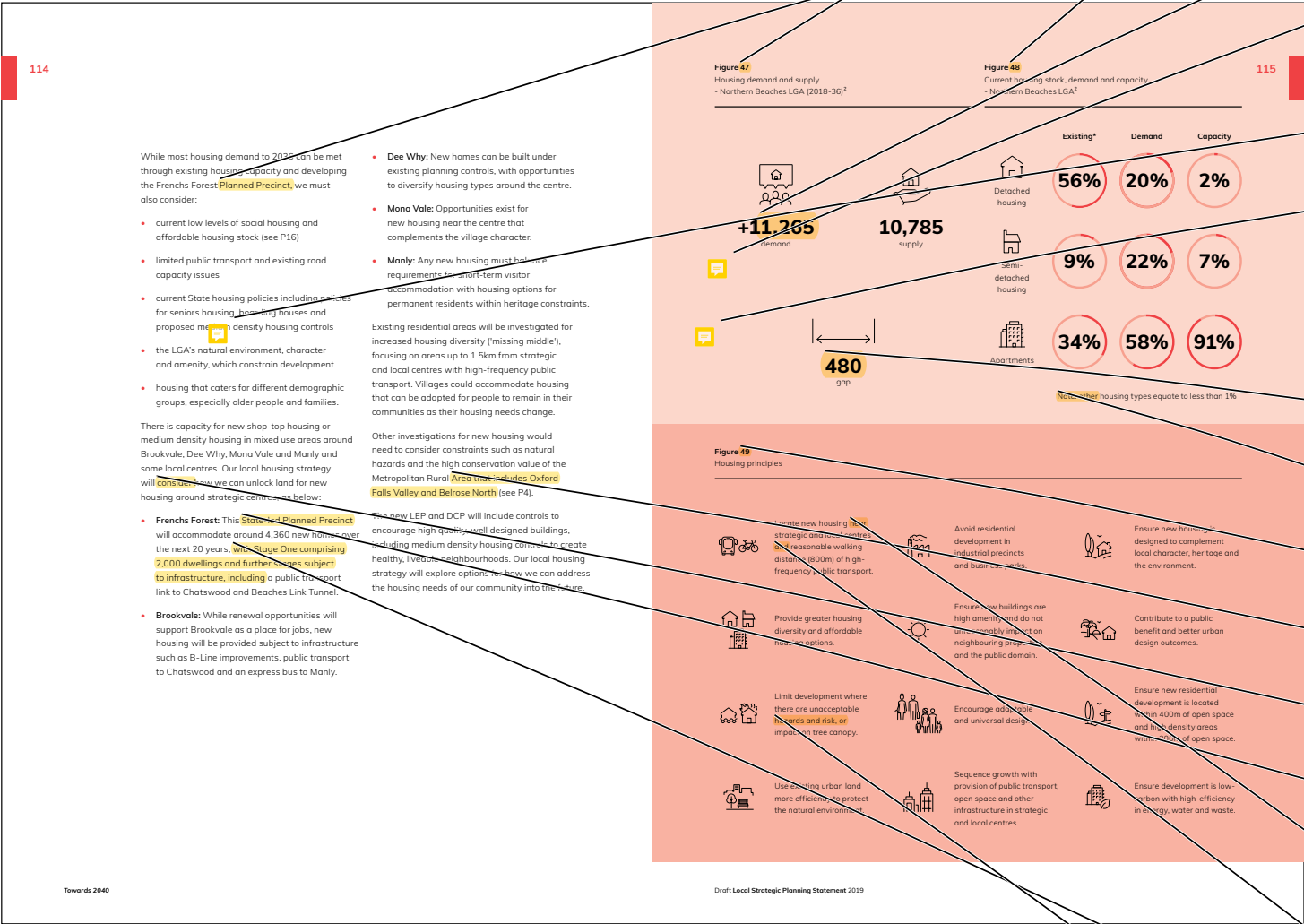
- People moving to the Northern Beaches from outside the LGA are mainly relatively local, from areas like Ku-ring-gai, North Sydney and Willoughby LGAs. They tend to be adults settling with families.
- People who leave the Northern Beaches head to more affordable areas that offer a similar lifestyle such as the Central Coast and Gold Coast; closer to the Sydney CBD; or nearby areas, such as Ku-ring-gai, Willoughby, Hornsby or Mosman LGAs. Older age groups tend to move to northern coastal locations, whereas young adults move closer to the Sydney CBD and family households move to nearby areas.

Towards 2040

Draft Local Strategic Planning Statement 2019

|                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                    |                             |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|-----------------------------|
|  | Author: Suzy.Lawrence                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subject: Highlight | Date: 14/02/2020 2:57:44 PM |
|                                                                                     | Amend text:<br>Bush Fire                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 11/02/2020 2:47:03 PM |
|                                                                                     | Fix typo                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 16/01/2020 3:48:35 PM |
|                                                                                     | Amend text:<br>strategic centre.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 14/02/2020 2:58:06 PM |
|                                                                                     | Amend text:<br>The projected population growth for the Northern Beaches is expected to generate demand for an additional 11,747 dwellings by 2036. This is an implied dwelling requirement and equates to 652 new dwellings per year; consistent with historic development trends. Previous work by the Department of Planning, Industry and Environment (DPIE) assuming smaller household sizes in the future, estimated demand for up to 17,000 new dwellings in the same period. An updated determination of housing demand will be provided in Council's local housing strategy. |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 16/01/2020 3:48:51 PM |
|                                                                                     | Amend text:<br>Low Rise Medium Density Housing                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 11/02/2020 2:49:53 PM |
|                                                                                     | Amend text:<br>There is a feasible capacity for around 10,785 dwellings to be developed in the LGA. This includes 6,400 new dwellings in areas already zoned for growth (see Figure 50 and Map 17) and 4,360 dwellings in Frenchs Forest strategic centre.                                                                                                                                                                                                                                                                                                                           |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 16/01/2020 3:49:30 PM |
|                                                                                     | Amend text:<br>Council is considering alternatives to the Code in the preparation of its local housing strategy, including greater opportunities for small lot housing and dual occupancy housing close to existing centres.                                                                                                                                                                                                                                                                                                                                                         |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 16/01/2020 3:49:40 PM |
|                                                                                     | Amend text:<br>1 July 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                    |                             |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subject: Highlight | Date: 16/01/2020 3:49:56 PM |
|                                                                                     | Amend text:<br>Low Rise Medium                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                    |                             |





Author: coullr Subject: Highlight Date: 21/01/2020 11:17:01 AM  
Amend text:  
48

Author: coullr Subject: Highlight Date: 21/01/2020 11:16:56 AM  
Amend text:  
50

Author: coullr Subject: Highlight Date: 16/01/2020 3:50:55 PM  
Amend text:  
strategic centre,

Author: coullr Subject: Highlight Date: 16/01/2020 3:50:59 PM  
Amend infographic:  
11,747

Author: coullr Subject: Sticky Note Date: 14/02/2020 2:59:04 PM  
Amend infographic:

Note: Demand and supply figures do not include granny flats

Author: coullr Subject: Sticky Note Date: 16/01/2020 3:51:11 PM  
New text:  
- urban form that supports and encourages walking and cycling

Author: coullr Subject: Sticky Note Date: 11/02/2020 2:51:26 PM  
New infographic:  
Figure 49 - Other dwelling types constructed since 2016

...  
Granny flats: 492  
Seniors living units: 128  
Boarding house rooms: 124  
...

Endnote 2

Author: coullr Subject: Highlight Date: 16/01/2020 3:51:28 PM  
Amend infographic:  
962

Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 3:04:54 PM  
Improve legibility:  
Note: Other

Author: coullr Subject: Highlight Date: 21/01/2020 11:16:53 AM  
Amend text:  
51

Author: coullr Subject: Highlight Date: 16/01/2020 3:51:37 PM  
Amend text:  
Area (MRA) and future MRA investigation area

Author: coullr Subject: Highlight Date: 11/02/2020 2:52:04 PM  
Amend text:  
consider feasibility and

Author: coullr Subject: Highlight Date: 16/01/2020 3:51:46 PM  
Amend text:  
strategic centre

Author: coullr Subject: Highlight Date: 16/01/2020 3:51:55 PM  
Amend principle:  
in

Author: coullr Subject: Highlight Date: 22/01/2020 12:20:13 PM  
Amend principle:  
and within

Author: coullr Subject: Highlight Date: 16/01/2020 3:52:04 PM  
Amend text:  
with the State-led planned precinct - Phase One comprising 2,000 dwellings. Further stages in the strategic centre are subject to longer-term infrastructure options such as

Author: coullr Subject: Highlight Date: 22/01/2020 12:20:26 PM  
Amend principle:  
risks from natural and urban hazards, or

- Author: coulr Subject: Highlight Date: 21/01/2020 11:16:50 AM

Amend text:  
16
- Author: coulr Subject: Highlight Date: 21/01/2020 11:16:47 AM

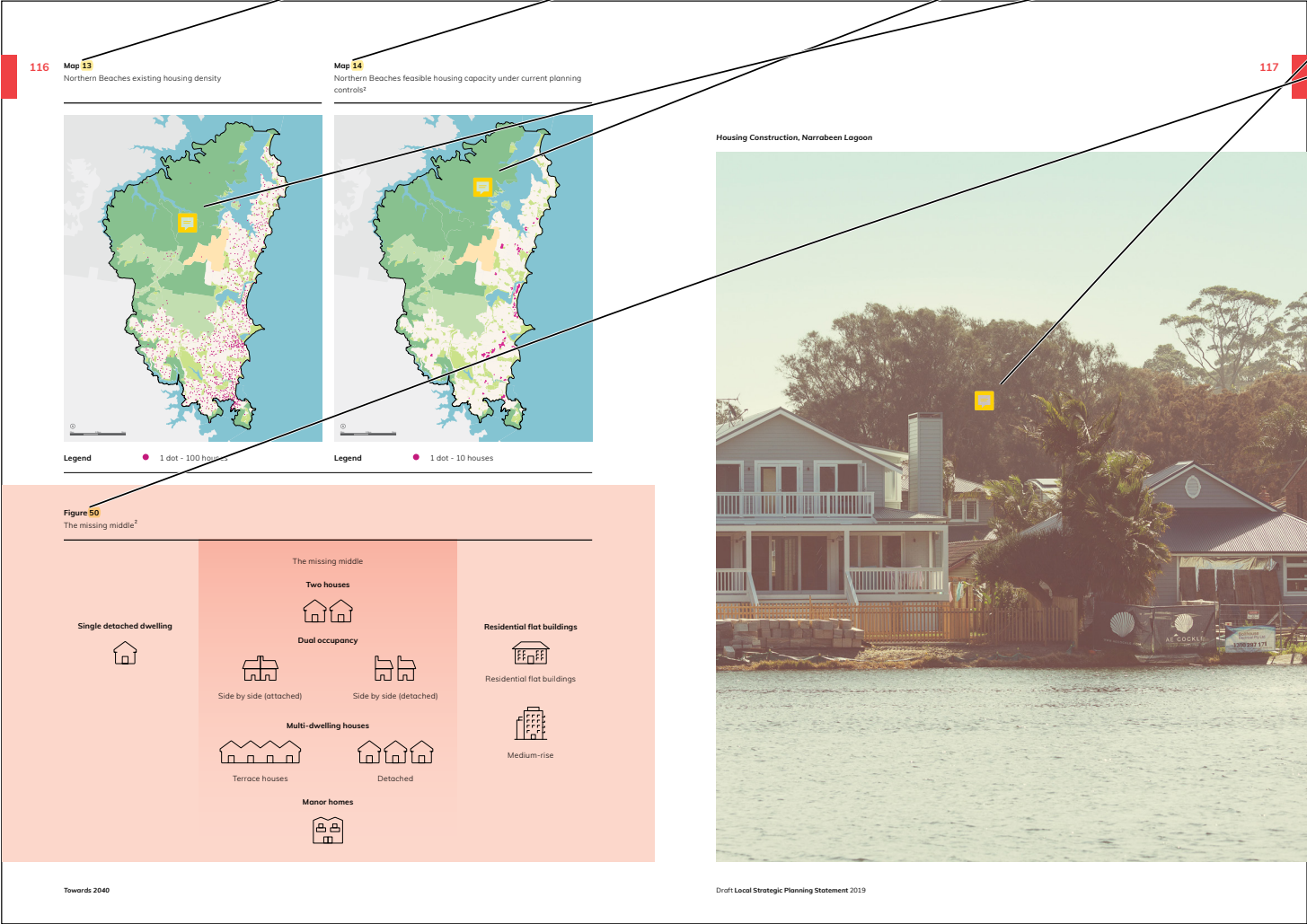
Amend text:  
17
- Author: coulr Subject: Sticky Note Date: 16/01/2020 3:53:28 PM

Amend map:  
- New MRA layer
- Author: coulr Subject: Sticky Note Date: 16/01/2020 3:53:38 PM

Amend map:  
- New MRA layer
- Author: coulr Subject: Sticky Note Date: 11/02/2020 2:52:20 PM

Replace photo
- Author: coulr Subject: Highlight Date: 21/01/2020 11:16:44 AM

Amend text:  
52



- Author: coullr Subject: Highlight Date: 21/01/2020 11:16:41 AM

Amend text:  
18
- Author: coullr Subject: Sticky Note Date: 16/01/2020 3:53:57 PM

Amend map:  
- New MRA layer
- Author: coullr Subject: Highlight Date: 16/01/2020 3:54:07 PM

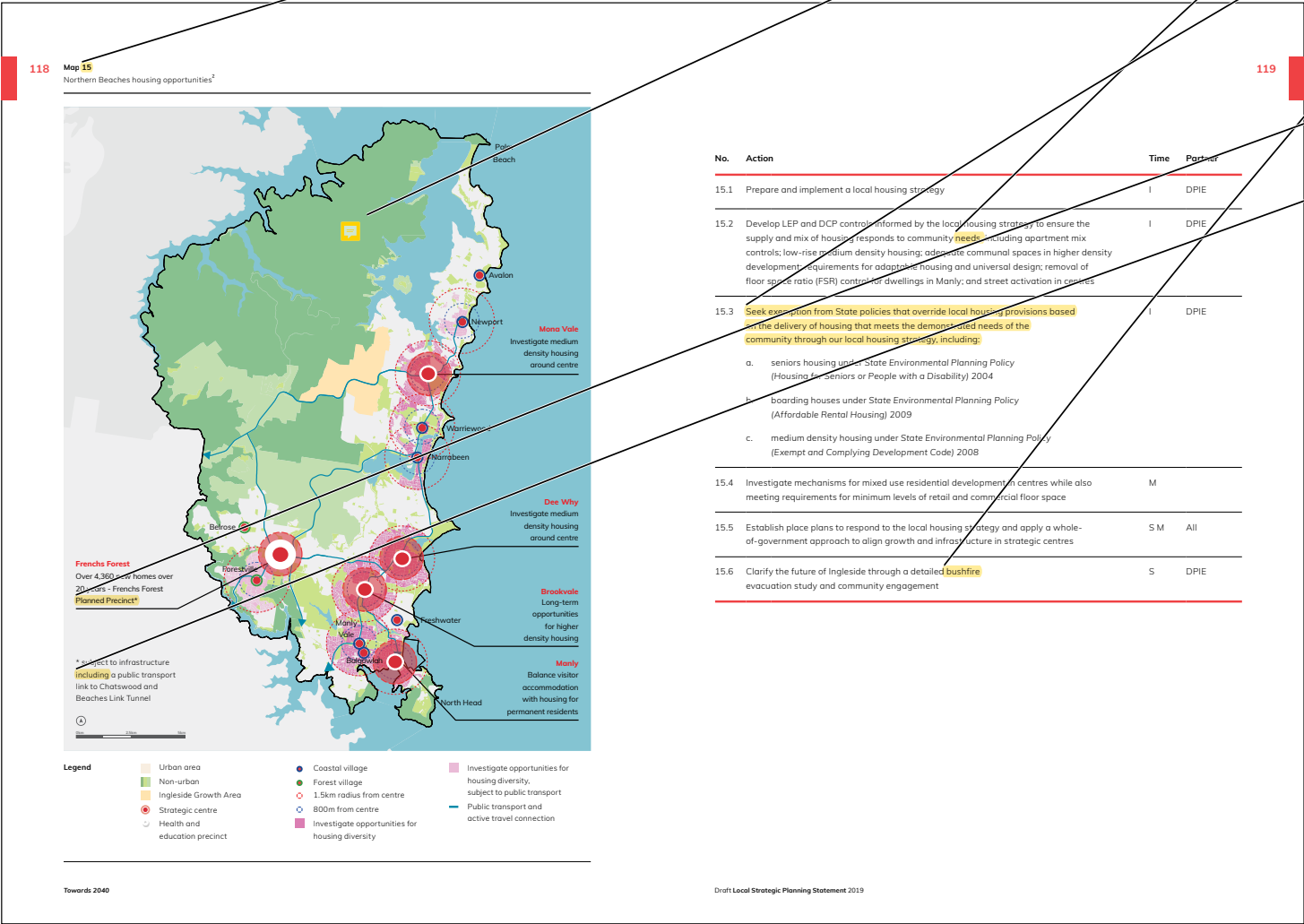
Amend action:  
needs and minimises land use conflicts,
- Author: coullr Subject: Highlight Date: 14/02/2020 3:01:35 PM

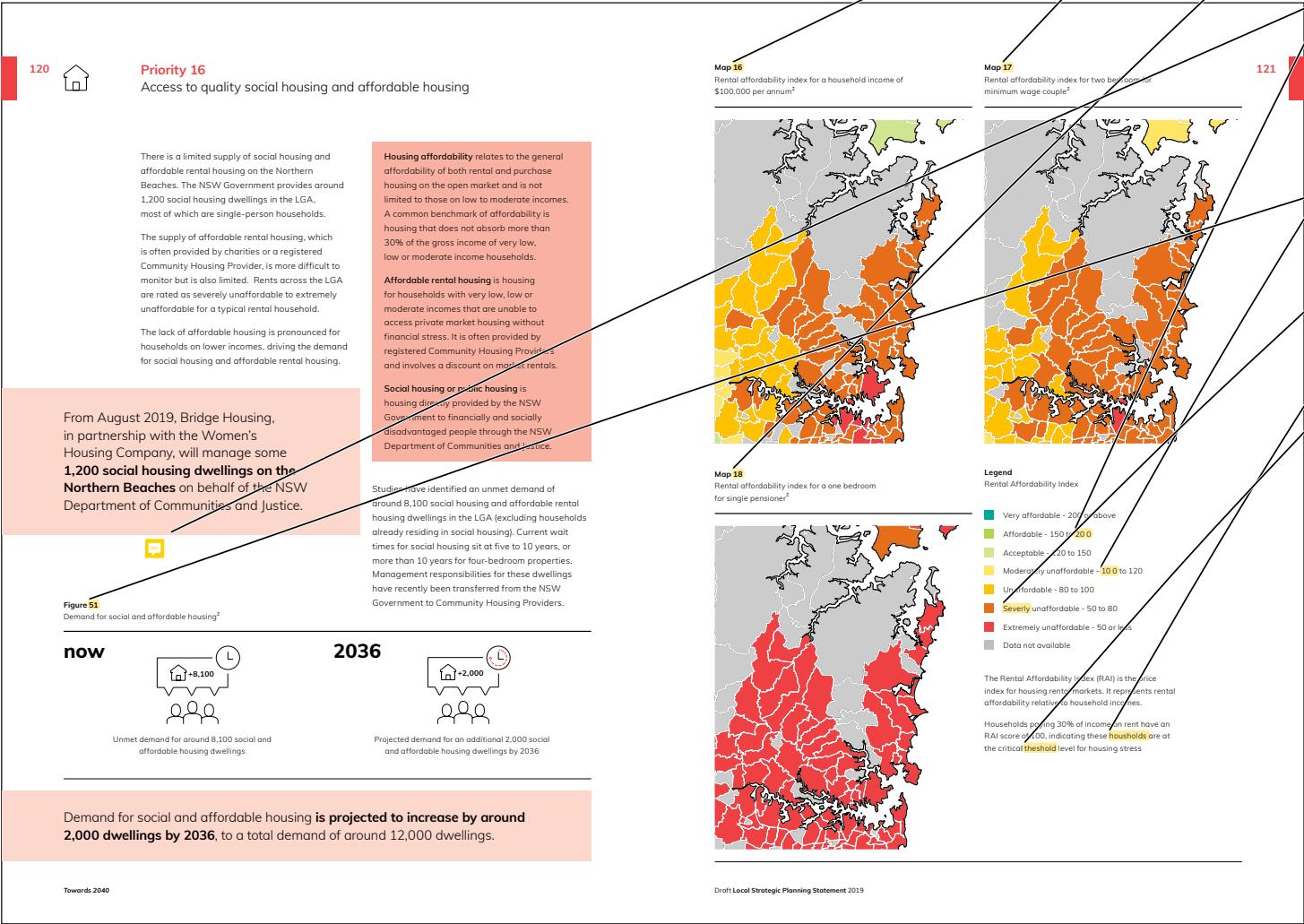
Amend action:  
Work with the Department of Planning, Infrastructure and Environment on the application of relevant State policies that override local housing provisions, by developing a local approach to the provision of seniors housing, boarding houses and medium density housing based on evidence in the local housing strategy, including a review of:
- Author: coullr Subject: Highlight Date: 11/02/2020 2:53:10 PM

Fix typo
- Author: coullr Subject: Highlight Date: 22/01/2020 12:21:39 PM

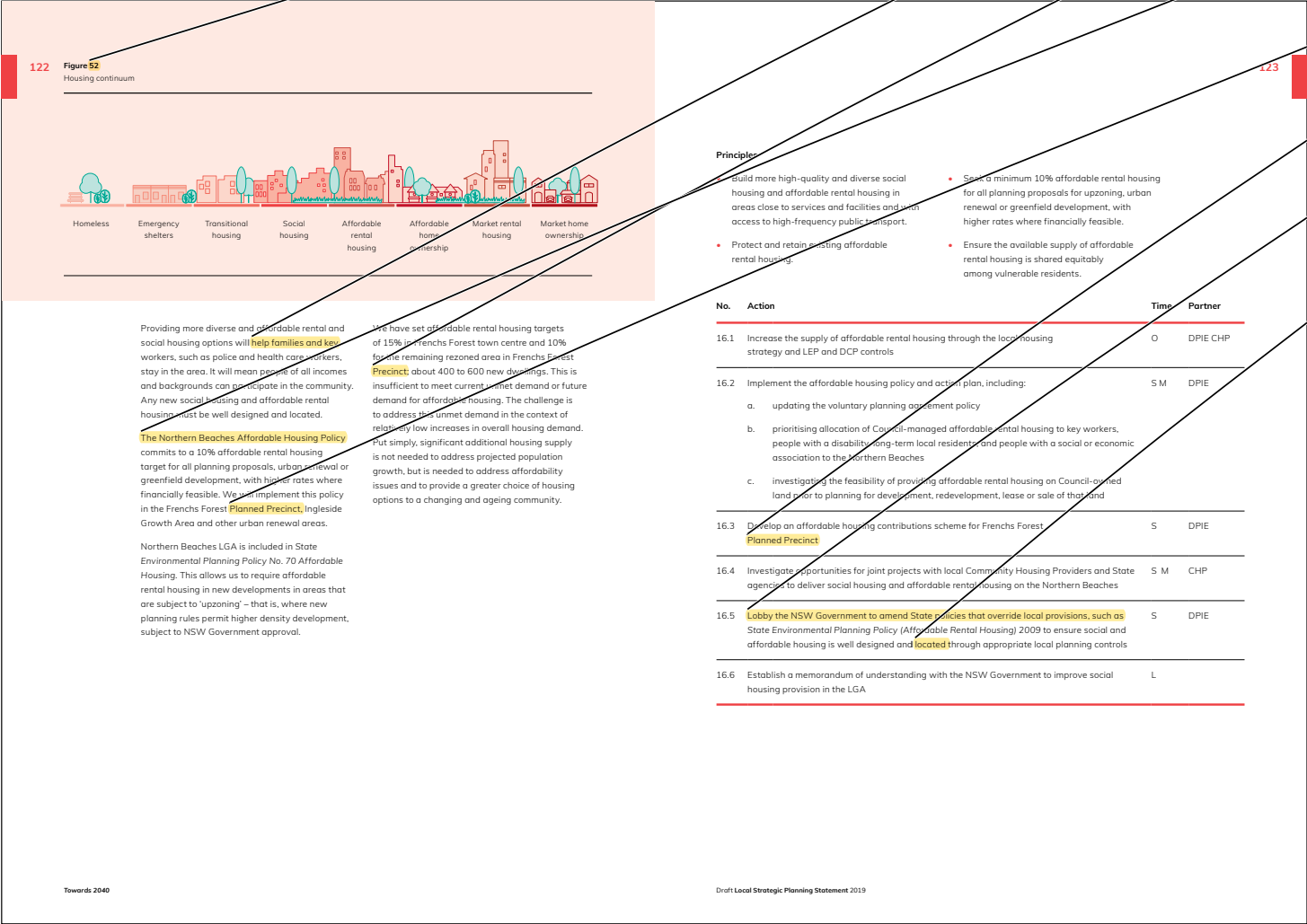
Amend infographic:  
strategic centre
- Author: coullr Subject: Highlight Date: 11/02/2020 2:53:41 PM

Amend text:  
such as









- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:16:20 AM

Amend text:

54
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:54:46 PM

Amend text:

help very low to moderate income households, including key
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:01:14 PM

Amend text:

strategic centre
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:55:15 PM

Amend text:

The *Greater Sydney Region Plan* identifies affordable rental housing targets in the range of 5-10% of new residential floor space, subject to viability. Under the Northern Beaches Affordable Housing Policy, Council
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:01:23 PM

Amend text:

strategic centre,
- Author: coullr

Subject: Highlight

Date: 22/01/2020 12:22:20 PM

Amend action:

strategic centre
- Author: coullr

Subject: Highlight

Date: 11/02/2020 2:55:53 PM

Amend action:

Work with the Department of Planning, Infrastructure and Environment on the application of relevant State policies that override local provisions, such
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:02:03 PM

Amend action:

located, and affordable to very low to moderate income earners,

Author: coullr Subject: Highlight Date: 21/01/2020 11:16:09 AM  
Amend text:  
55

Author: coullr Subject: Highlight Date: 11/02/2020 2:56:29 PM  
Endnote 24

124

Great places

The Northern Beaches is a great place to live – we want to retain this by celebrating its special local characteristics and qualities.

Any new development must enhance local character – this requires planning for safe, inclusive, walkable, mixed-use areas with great design and connections to natural environment areas and an area's heritage. Places will be planned to foster interaction and healthy lifestyles, creativity, enterprise and innovation.

Planning priorities

• Priority 17

Centres and neighbourhoods designed to reflect local character and lifestyle

• Priority 18

Protected, conserved and celebrated heritage

Priority 17

Centres and neighbourhoods designed to reflect local character and lifestyle

The Northern Beaches offers a broad collection of places, each with their own diverse and special character. The LGA's five strategic centres, nine local centres and the neighbourhoods that surround them all differ, supporting a mix of higher-density living to low-scale environmentally sensitive residential areas, such within an extraordinary natural environment. Places of regional importance in the LGA include the beaches, Narrabeen Lagoon and Pittwater.

A place's character is what makes a neighbourhood distinct. Character will underpin planning for how

the LGA's places will change over time, including characteristics to be retained or enhanced. Some places will change in character over time, for example where we have identified opportunities for growth, but place-making will remain central to the creation of great new places in these circumstances.

We will elevate the community's role in informing decisions to plan, create and renew much-loved places. This place-based, design-led approach will build on the valued characteristics of existing neighbourhoods and places.

'Great places and cities don't happen by chance: they are designed, and continue to be designed as we manage the transformation of our cities' - Better Placed, Government Architect NSW

Figure 53

Local character wheel and examples of local initiatives

social

economic

environmental

community facilities

public space

active transport

local economy

employment

recreation

heritage

landscape

waterways

green space

public space

active transport

local economy

employment

recreation

heritage

landscape

waterways

green space

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr Subject: Highlight Date: 22/01/2020 12:22:43 PM

Amend action:  
55 (continued)
- Author: coullr Subject: Highlight Date: 11/02/2020 2:56:52 PM

Endnote 24
- Author: coullr Subject: Highlight Date: 11/02/2020 2:57:23 PM

Amend principle:  
through design excellence and innovative
- Author: coullr Subject: Sticky Note Date: 16/01/2020 4:02:48 PM

New principle:  
Recognise heritage and culture as a fundamental aspect of the identity of place, including identification of places and items which contribute to the significant character of a place.
- Author: coullr Subject: Highlight Date: 11/02/2020 2:58:34 PM

Amend action:  
urban design framework and guidelines for public spaces;
- Author: coullr Subject: Highlight Date: 16/01/2020 4:03:06 PM

Amend action:  
studies; review built form and landscape controls to ensure good design;

126

Figure 55

Local character wheel and examples of local initiatives



Activation plans



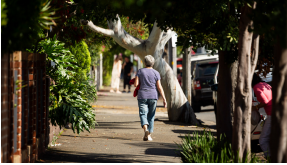
Place plans



Public domain improvements



Community hubs and arts and cultural facilities



Tree canopy and streetscape programs



Public art programs



Events of different scale



Partnerships with businesses

Place planning is a multidisciplinary approach to the planning and management of public spaces centred on the community's connection to place. We will apply place planning in strategic and local centres, starting with Avalon. Reviews of local character planning controls will consider special area controls, local character statements, additional controls for development in character areas, and assessment of desired future character areas. This may trigger local variations or, in exceptional circumstances, local exclusions from State-wide policies.

Priorities P23-27 include precinct-specific principles for Frenchs Forest, Brookvale, Dee Why, Manly and Mona Vale and should be considered in conjunction with the following principles

**Principles**

- Renew great places **through innovative** design while respecting and enhancing **local** character.
- Enhance the visual and environmental amenity of buildings and places in centres.
- Enhance local identity through place-based planning and design.
- Activate public spaces and walking, cycling and public transport opportunities.
- Enable appropriate outdoor dining, night-time activity, events and temporary and interim uses.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                     | Time | Partner          |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|------------------|
| 17.1 | Prepare LEP local character study, local housing strategy, scenic and cultural landscapes study, <b>and public domain guidelines</b> ; develop LEP and DCP controls that respond to these <b>studies</b> ; implement design excellence provisions; improve design criteria for the public domain; and incorporate local character statements for key areas | I S  |                  |
| 17.2 | Implement place planning, starting with Avalon, Manly and Mona Vale, that applies a place-based approach to planning for local character and responds to the findings of the LEP studies; and develop a rolling program of place plans for areas undergoing change                                                                                         | S M  |                  |
| 17.3 | Prepare and implement activation plans to establish partnerships with businesses and the community, starting with Seaforth, Newport and Forestville                                                                                                                                                                                                        | O    | Local businesses |
| 17.4 | Establish a design excellence review panel                                                                                                                                                                                                                                                                                                                 | S    |                  |

Towards 2040

Draft Local Strategic Planning Statement 2019

|  |                                                                                                                                             |                    |                              |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------|
|  | Author: coullr                                                                                                                              | Subject: Highlight | Date: 21/01/2020 11:16:01 AM |
|  | Amend text:<br>56                                                                                                                           |                    |                              |
|  | Author: coullr                                                                                                                              | Subject: Highlight | Date: 16/01/2020 4:03:28 PM  |
|  | Amend text box:<br>16                                                                                                                       |                    |                              |
|  | Author: coullr                                                                                                                              | Subject: Highlight | Date: 11/02/2020 2:59:02 PM  |
|  | Fix typo                                                                                                                                    |                    |                              |
|  | Author: coullr                                                                                                                              | Subject: Highlight | Date: 16/01/2020 4:03:51 PM  |
|  | Amend action:<br>on the heritage, history and culture of the local area and maximise opportunities for learning experiences around heritage |                    |                              |
|  | Author: coullr                                                                                                                              | Subject: Highlight | Date: 16/01/2020 4:04:02 PM  |
|  | Change timing:<br>O                                                                                                                         |                    |                              |

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Priority 18

Protected, conserved and celebrated heritage

Much of the LGA's tangible European heritage reflects the area's development from isolated settlements north of Sydney Harbour and along the eastern seaboard in the early 19th century.

- Local heritage: 572 items, 22 conservation areas and 79 archaeological sites
- State heritage: 15 items
- Middle harbour heritage items: 10 items (local and State items).
- Proposed State heritage listing: Dee Why Civic Precinct

We are currently undertaking a thematic history project that will collect information on the historical development of the area and common heritage themes. It will identify what makes places unique and provide a base for future heritage management decisions as they relate to 20th century architecture, moveable heritage, intangible heritage, Aboriginal heritage, natural heritage and items of social/community significance.

Figure 54

Heritage principles

Encourage adaptive reuse of heritage items.

Encourage and promote public awareness, appreciation and knowledge of heritage conservation.

Facilitate best-practice approaches to heritage and celebrate the LGA's history and identity.

Identify, conserve and enhance local and state heritage.

Ensure new development responds appropriately to heritage items, conservation areas and values, significance, views, context and character.

| No.  | Action                                                                                                                                                                                                                                                                                              | Time | Partners                       |
|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------------------------|
| 18.1 | Prepare and implement the heritage strategy; modern architecture study; thematic history project; heritage conservation areas review; harbour and ocean pools study; moveable heritage policy; and local heritage assistance grants program                                                         | S M  | Heritage<br>DPC AHO<br>GA DPfE |
| 18.2 | Develop LEP and DCP controls that support adaptive reuse of heritage items; retain heritage items; and require sympathetic development near heritage items and conservation areas                                                                                                                   | S    |                                |
| 18.3 | Educate the community and connect to the NSW Government's Heritage Near Me program                                                                                                                                                                                                                  | S    | Heritage<br>DPC AHO<br>GA DPfE |
| 18.4 | Investigate how we can improve heritage through a heritage advisory service, significant tree register and memorials and monuments register; conservation management plans for Council-owned heritage items; securing grants to upgrade Council-owned heritage items; and a heritage award program. | S M  |                                |

Towards 2040

Draft Local Strategic Planning Statement 2019



This page contains no comments



|                                                                                     |                                           |                      |                              |
|-------------------------------------------------------------------------------------|-------------------------------------------|----------------------|------------------------------|
|  | Author: coullr                            | Subject: Highlight   | Date: 11/02/2020 2:59:36 PM  |
|                                                                                     | Add text:<br>in our Transport Strategy,   |                      |                              |
|  | Author: coullr                            | Subject: Highlight   | Date: 16/01/2020 4:04:45 PM  |
|                                                                                     | Amend P21 title:<br>Redesigned road space |                      |                              |
|  | Author: coullr                            | Subject: Highlight   | Date: 21/01/2020 11:15:58 AM |
|                                                                                     | Amend text:<br>57                         |                      |                              |
|  | Author: coullr                            | Subject: Highlight   | Date: 11/02/2020 2:59:53 PM  |
|                                                                                     | Endnote 25                                |                      |                              |
|  | Author: coullr                            | Subject: Sticky Note | Date: 11/02/2020 3:00:06 PM  |
|                                                                                     | Replace photo                             |                      |                              |

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### Connectivity

Access into and out of the Northern Beaches, particularly by public transport, is limited in most areas. This means many residents are left with little alternative but to use cars.

The coordination of land use with transport is essential. With better walking, cycling and public transport options, more people will more easily connect to and from their homes, workplaces, schools, communities, villages, town centres and beaches.

We will continue working with the NSW Government to deliver an integrated transport and land use planning approach in the Northern Beaches so that residents have the option to live without a car.

**Planning priorities**

- Priority 19**  
Frequent and efficient regional public transport connections
- Priority 20**  
Sustainable local transport networks
- Priority 21**  
Road space and facilities to match changing community needs



Towards 2040

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### Priority 19

Frequent and efficient regional public transport connections

Most people in the LGA travel to work by car, and private car use is higher than the Greater Sydney average. For people travelling outside of the LGA, public transport is highest to the Sydney CBD and North Sydney while car use is highest for those travelling west (Ku-ring-gai, Ryde, Pymaterra and Chatswood) or north (and Mona Vale). Trends are showing a shift towards increased use of public transport.

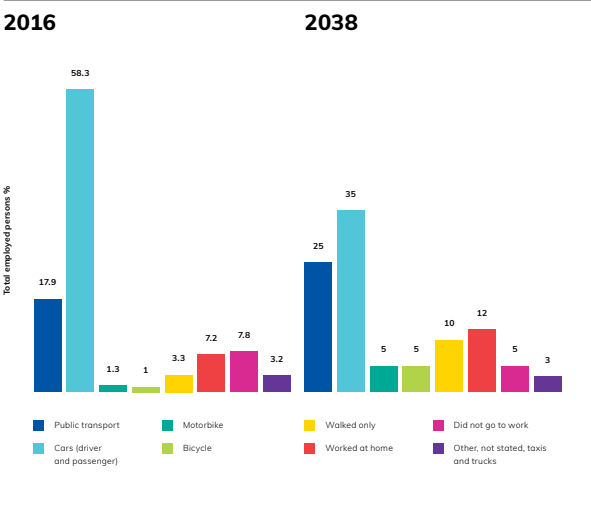
Coordinated land use and transport planning for the Northern Beaches supports an efficient multi-modal transport network that includes walking and cycling, shared transport and on-demand services.

Our focus on strategic centres will incorporate planning for high-frequency public transport links into and out of the Northern Beaches and between strategic centres to work towards the targets set out in Move.

**Figure 55**  
Northern Beaches aspirational transport targets

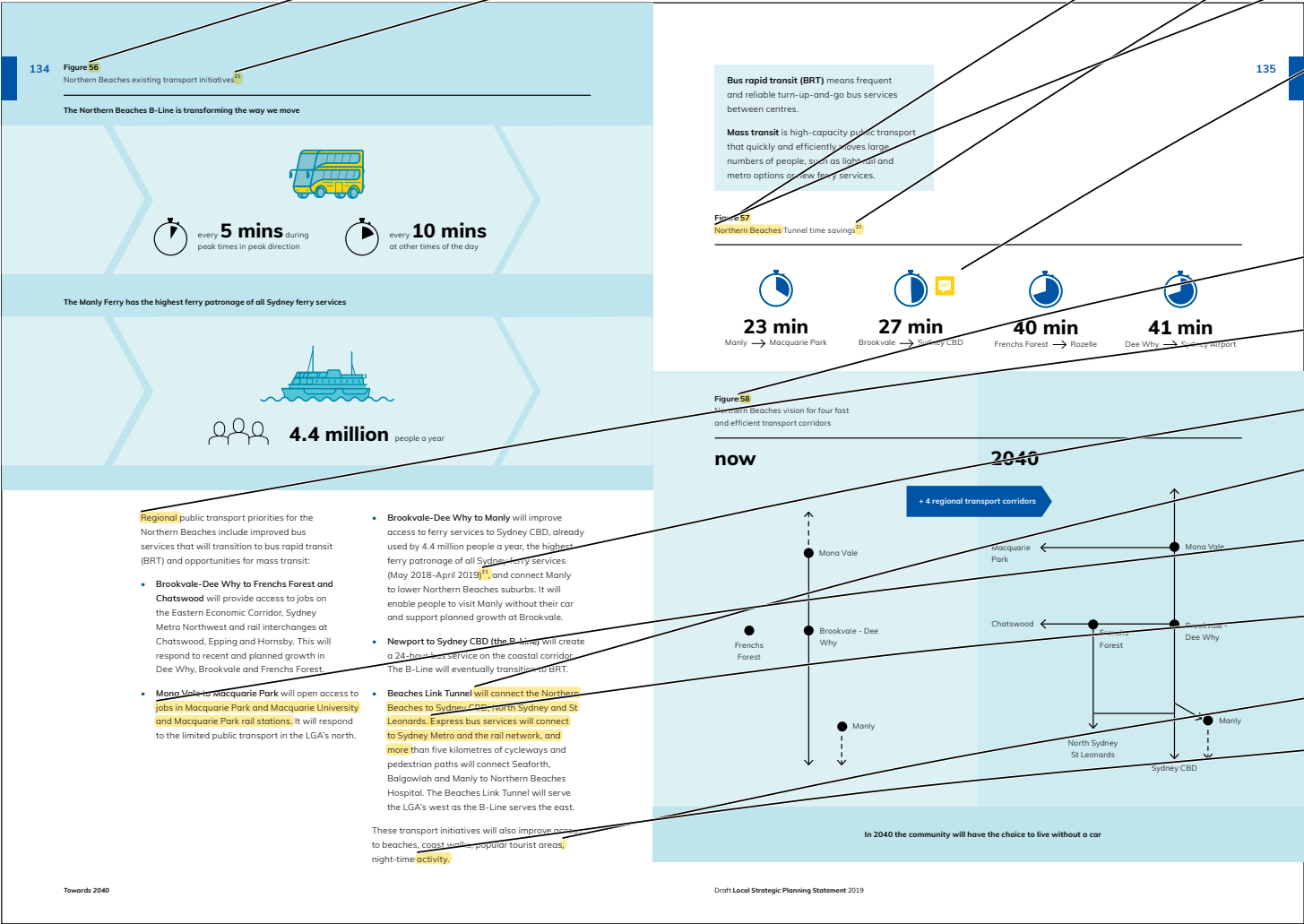
2016

2038



| Mode                                | 2016 (%) | 2038 (%) |
|-------------------------------------|----------|----------|
| Public transport                    | 17.9     | 25       |
| Cars (driver and passenger)         | 58.3     | 35       |
| Motorbike                           | 1.3      | 5        |
| Bicycle                             | 1        | 5        |
| Walked only                         | 3.3      | 10       |
| Worked at home                      | 7.2      | 12       |
| Did not go to work                  | 7.8      | 5        |
| Other, not stated, taxis and trucks | 3.2      | 3        |

Draft Local Strategic Planning Statement 2019



Author: coullr Subject: Highlight Date: 21/01/2020 11:15:55 AM  
Amend text:  
58

Author: coullr Subject: Highlight Date: 11/02/2020 3:00:28 PM  
Endnote 26

Author: coullr Subject: Highlight Date: 21/01/2020 11:15:51 AM  
Amend text:  
59

Author: coullr Subject: Highlight Date: 11/02/2020 3:00:44 PM  
Endnote 27

Author: coullr Subject: Highlight Date: 22/01/2020 12:23:19 PM  
Amend text:  
Beaches Link

Author: coullr Subject: Sticky Note Date: 11/02/2020 3:01:14 PM  
Amend infographic:

Change times (and adjust clocks):

Manly-Mac Park - 32 min  
Brookvale-Sydney CBD - 27 min  
Frenchs Forest-Rozelle - 54 min  
Dee Why-Sydney Airport - 56 min

Author: coullr Subject: Highlight Date: 21/01/2020 11:15:47 AM  
Amend text:  
60

Author: coullr Subject: Highlight Date: 16/01/2020 4:05:07 PM  
Amend text:  
Council's vision for regional

Author: coullr Subject: Highlight Date: 11/02/2020 3:02:31 PM  
Endnote 26

Author: coullr Subject: Highlight Date: 11/02/2020 3:02:02 PM  
Amend text:  
will provide connectivity to and from the Northern Beaches at both Wakehurst Parkway and Burnt Bridge Creek Deviation.

Author: coullr Subject: Highlight Date: 16/01/2020 4:05:22 PM  
Amend text:  
Macquarie Park rail station and jobs in Macquarie Park and Macquarie University.

Author: coullr Subject: Highlight Date: 16/01/2020 4:05:30 PM  
Amend text:  
Public transport connections are being considered by NSW Government to connect to Sydney Metro and the rail network, and more

Author: coullr Subject: Highlight Date: 16/01/2020 4:05:43 PM  
Replace comma with 'and'

Author: coullr Subject: Highlight Date: 16/01/2020 4:06:09 PM  
Add text:  
They will also enhance connections to the Eastern Economic Corridor including links to established health and education precincts.



Author: coulr Subject: Highlight Date: 21/01/2020 11:15:44 AM  
Amend text:  
61

Author: coulr Subject: Highlight Date: 21/01/2020 11:15:41 AM  
Amend text:  
22

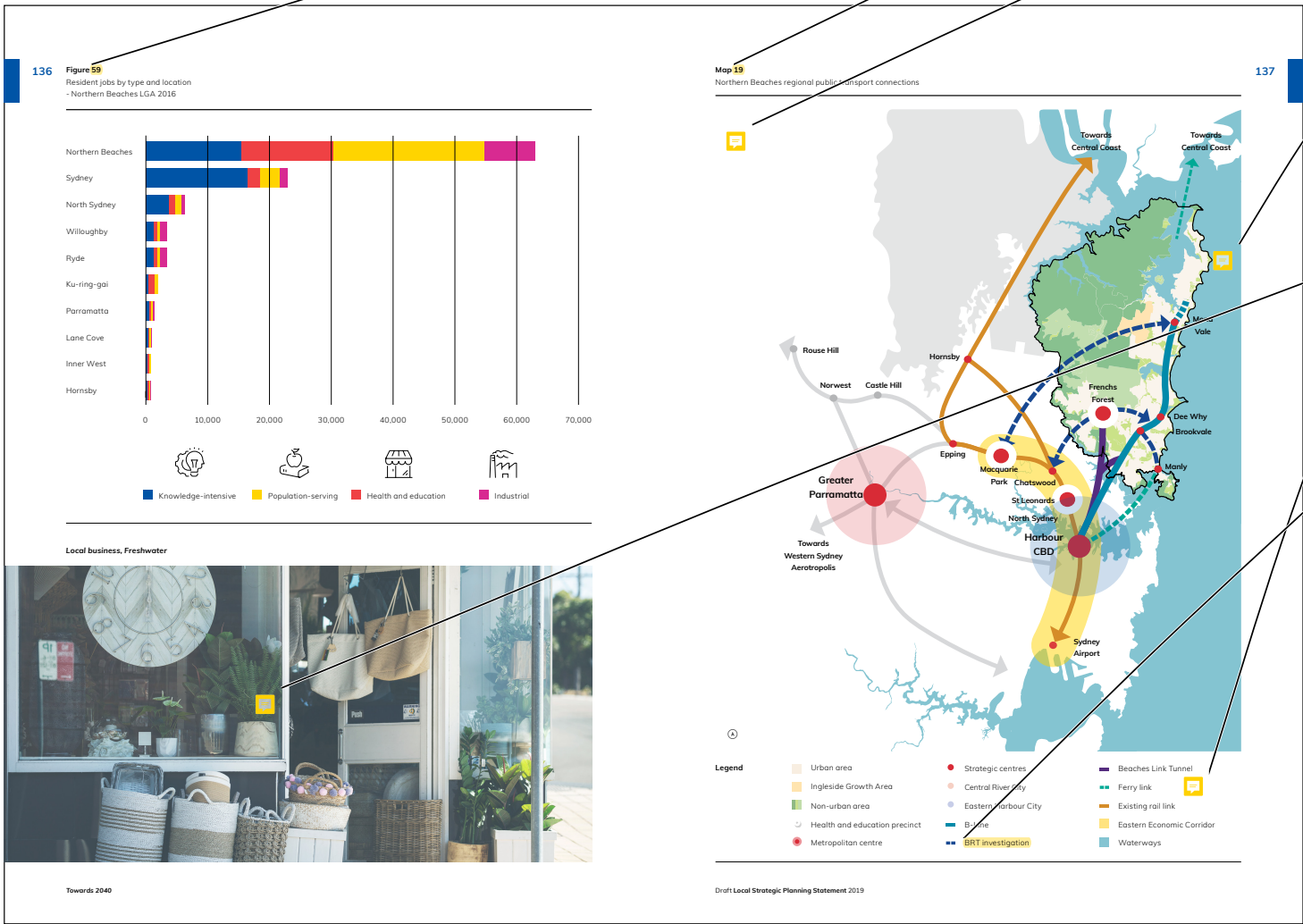
Author: coulr Subject: Sticky Note Date: 11/02/2020 3:02:54 PM  
Add a text box on map:  
Transport for NSW initiatives for investigation 0-10 years (Future Transport 2056):  
...  
A = Improved bus services between Northern Beaches and Chatswood  
...  
B = East-west public transport connection from Mona Vale to Macquarie Park  
...  
Endnote 28

Author: coulr Subject: Sticky Note Date: 11/02/2020 3:03:34 PM  
Amend map:  
- Move blue highway into water (and add label)  
- Identify B-Line (to Mona Vale) as city-shaping corridor  
- Identify Manly-Brookvale as centre-serving corridor  
- Identify Brookvale-Chatswood as 'A'  
- Identify Mona-Vale -Macquarie Park as 'B'  
- Update MRA layer  
- Add line connecting the three health and education precincts (innovation triangle)

Author: coulr Subject: Sticky Note Date: 11/02/2020 3:03:48 PM  
Replace photo

Author: coulr Subject: Sticky Note Date: 16/01/2020 4:10:29 PM  
Amend map legend:  
- City-shaping corridor (for the B-Line)  
- Centre-serving corridor (for Manly to Brookvale link)  
- Future B-line (Mona Vale to Newport)  
- Innovation triangle

Author: coulr Subject: Highlight Date: 16/01/2020 4:10:38 PM  
Amend text:  
Major infrastructure upgrades





Author: coullr Subject: Highlight Date: 21/01/2020 11:15:37 AM  
Amend text:  
23

Author: coullr Subject: Highlight Date: 11/02/2020 3:04:08 PM  
Endnote 29

Author: coullr Subject: Highlight Date: 11/02/2020 3:04:33 PM  
Amend action:  
the

Author: coullr Subject: Highlight Date: 16/01/2020 4:11:05 PM

---

Amend action:

Better link Brookvale-Dee Why to Frenchs Forest and Chatswood:

- a. improved bus services (Future Transport 2056)
- b. advocate for transition to BRT to support development at Frenchs Forest

Author: coullr Subject: Highlight Date: 16/01/2020 4:11:15 PM  
Amend action:  
Better transport links between Mona Vale to Macquarie Park:  
a. east-west public transport connection (Future Transport 2056)  
b. advocate for transition to BRT

Author: coullr Subject: Highlight Date: 16/01/2020 4:11:25 PM  
Amend action:  
Advocate for extension of

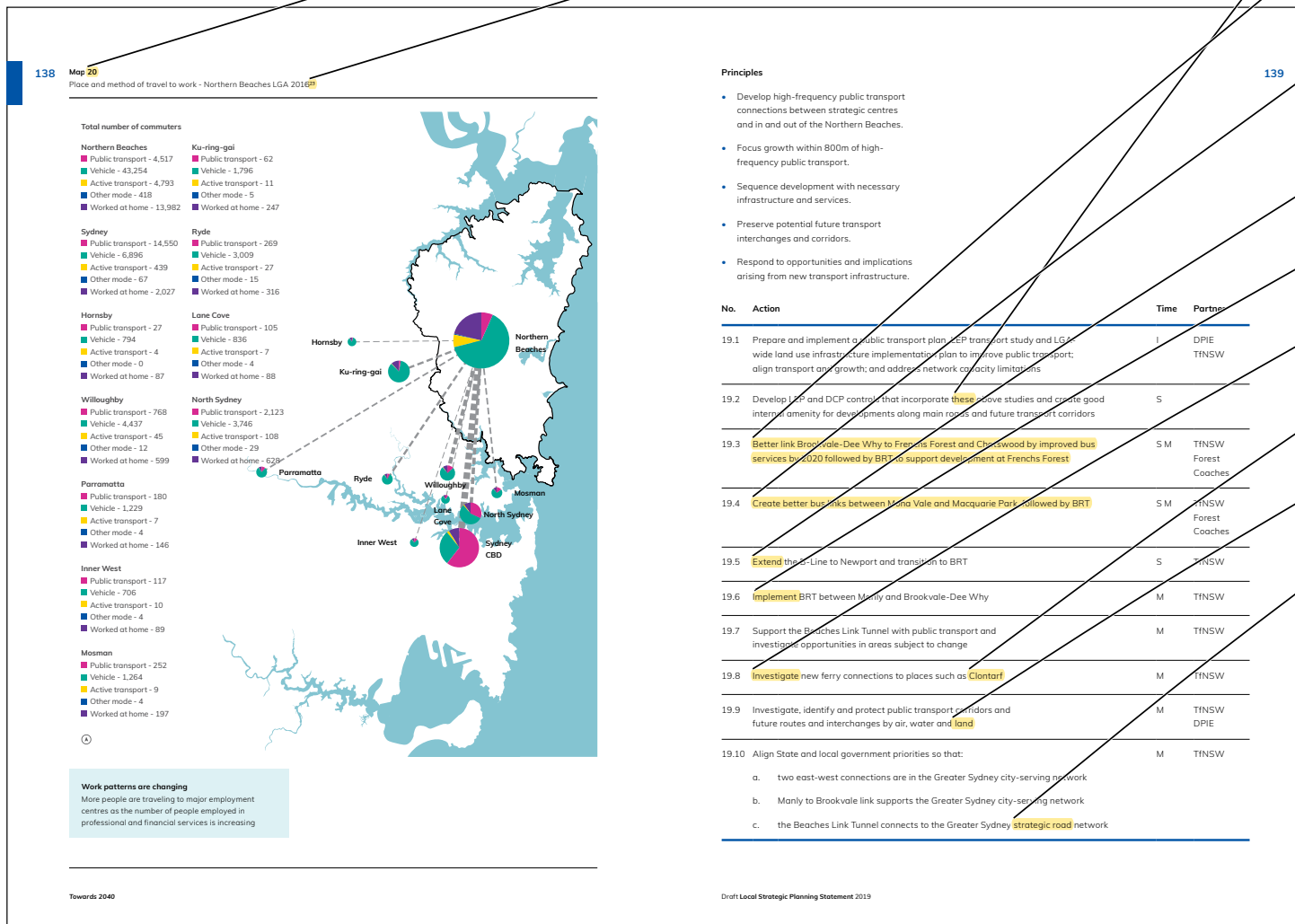
Author: coullr Subject: Highlight Date: 16/01/2020 4:11:34 PM  
Amend action:  
Advocate for

Author: coullr Subject: Highlight Date: 16/01/2020 4:11:51 PM  
Amend action:  
Advocate for

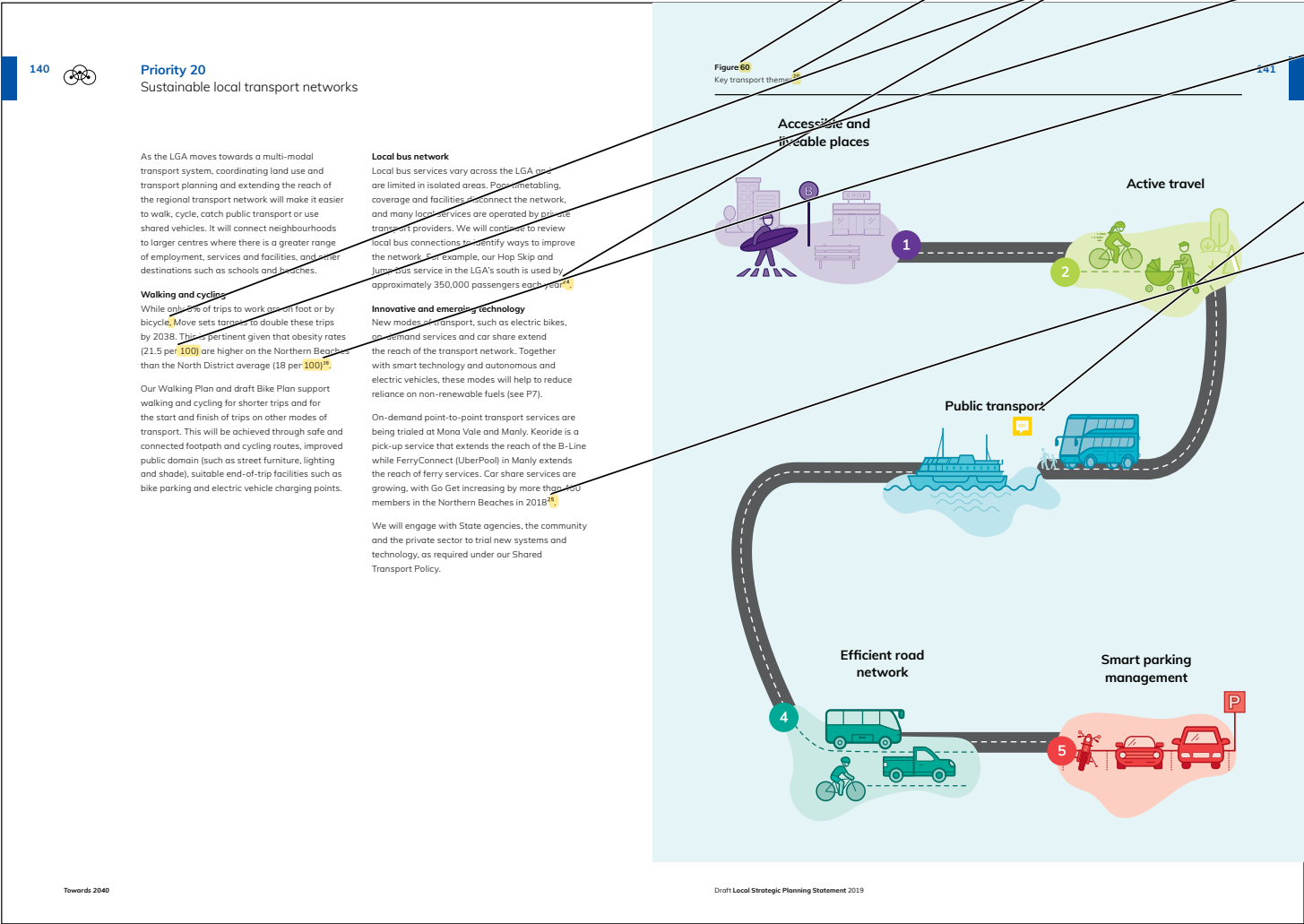
Author: coullr Subject: Highlight Date: 16/01/2020 4:11:59 PM  
Amend action:  
Clontarf and improved ferry services to Manly

Author: coullr Subject: Highlight Date: 16/01/2020 4:12:07 PM  
Amend action:  
land, including mass transit

Author: coullr Subject: Highlight Date: 16/01/2020 4:12:21 PM  
Amend action:  
city-serving and strategic road



|                                     |                |                      |                              |
|-------------------------------------|----------------|----------------------|------------------------------|
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 21/01/2020 11:15:34 AM |
| Amend text:<br>62                   |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:04:57 PM  |
| Endnote 25                          |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:05:12 PM  |
| Endnote 30                          |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:05:40 PM  |
| Add text:<br>our Transport Strategy |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:06:05 PM  |
| Add text:<br>100 people             |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:06:34 PM  |
| Add text:<br>100 people             |                |                      |                              |
| Endnote 20                          |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Sticky Note | Date: 11/02/2020 3:07:20 PM  |
| Amend infographic:<br>Add '3'       |                |                      |                              |
| <div><div></div><div></div></div>   | Author: coullr | Subject: Highlight   | Date: 11/02/2020 3:07:45 PM  |
| Endnote 31                          |                |                      |                              |



- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:15:31 AM

Amend text:

24
- Author: coullr

Subject: Sticky Note

Date: 20/01/2020 4:20:50 PM

Add note to map:

Note: Refer to Future Transport 2056 for Greater Sydney Principal Bicycle Network
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:13:46 PM

Amend principle:

move people around
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:08:13 PM

Amend principle:

active travel
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:08:43 PM

Amend action:

our Transport Strategy
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:09:00 PM

Amend action:

the
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:13:55 PM

Amend action:

travel behavior change programs that encourage the use of sustainable transport choices including requirements for travel plans;
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 4:14:06 PM

Add partner:

North District councils
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:14:15 PM

Amend action:

beaches and the Sydney CBD,
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 4:14:24 PM

Add partner:

TfNSW
- Author: coullr

Subject: Highlight

Date: 22/01/2020 12:24:44 PM

Amend map legend:

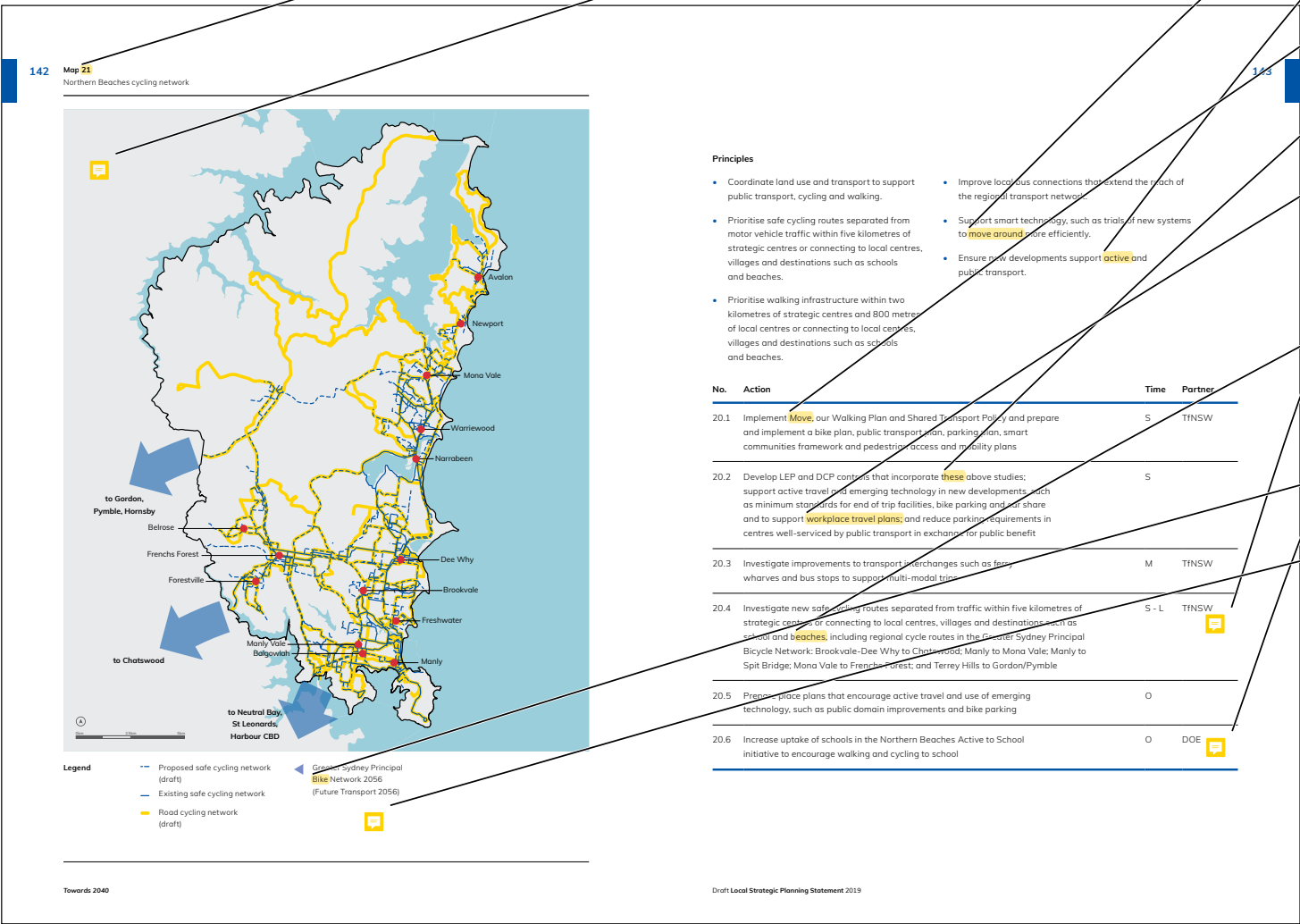
Bicycle
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 4:14:49 PM

Amend map legend:

- Add red dots 'local and strategic centres'



|  |                                                                                                                                                               |                      |                              |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|------------------------------|
|  | Author: coullr                                                                                                                                                | Subject: Highlight   | Date: 21/01/2020 11:15:29 AM |
|  | Amend text:<br>63                                                                                                                                             |                      |                              |
|  | Author: coullr                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 3:11:34 PM  |
|  | Endnote 32                                                                                                                                                    |                      |                              |
|  | Author: coullr                                                                                                                                                | Subject: Highlight   | Date: 16/01/2020 4:15:21 PM  |
|  | Amend P21 title:<br>Redesigned road space                                                                                                                     |                      |                              |
|  | Author: coullr                                                                                                                                                | Subject: Sticky Note | Date: 11/02/2020 3:12:12 PM  |
|  | Add text:<br>Efficient management of freight and servicing movements, and securing good place outcomes are interlinked and particularly important in centres. |                      |                              |
|  | Author: coullr                                                                                                                                                | Subject: Highlight   | Date: 11/02/2020 3:11:51 PM  |
|  | Endnote 28                                                                                                                                                    |                      |                              |
|  | Author: coullr                                                                                                                                                | Subject: Highlight   | Date: 16/01/2020 4:15:46 PM  |
|  | Amend text:<br>motorway                                                                                                                                       |                      |                              |

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**Priority 21**

**Road space** and facilities to match changing community needs

By re-designing existing streets to be more efficient, more people, goods and services can be accommodated in limited space, creating safer and more attractive spaces to move around.

**Movement and place**

Future Transport 2056, the Greater Sydney Region Plan and the North District Plan identify a movement and place framework that considers how best to use road space to improve the liveability and safety of places. The framework acknowledges that the needs and expectations of the community change for different street environments.

Centres and villages are people-orientated, where public transport, walking, cycling and small-vehicle freight access are important. Manly, for example, is a busy place with less car use and more pedestrians. Pedestrianised laneways have activated the town centre while creating a great place for people.

Local streets need to be safe for people to walk or cycle. These differ from key transport corridors, such as Pittwater Road, that must efficiently move people and goods. The hierarchy and function of various roads shape opportunities for movement and place.

Reducing conflict between road users and using road space more efficiently – for example, through pedestrianised walkways in centres, dedicated bus lanes or separated cycleways – will make it safer and easier for people to walk, cycle or use public transport.

**Urban freight**

By 2036, freight movements in Sydney will grow by 50%, due to an increase in supermarket deliveries, residential deliveries and increased waste collections. This increases pressure on transport networks and industrial and urban services land to support last mile delivery – the final stage of the journey in which goods travel to a destination – and hubs such as black warehouses and vertical warehouses.

Freight connections in the LGA are constrained and distance to Sydney Airport, Port Botany and the future Western Sydney Airport is a challenge. Vehicles over 19 metres are prohibited on Sydney Road, the Spit Bridge and Warringah Road. This increases travel times, adds to the cost of deliveries and requires smaller trucks. Time restrictions on the delivery of goods and truck movements in areas such as The Corso in Manly currently meet commercial and residential demands but will be a challenge as delivery and freight movements increase.

Freight and servicing demands impact the transport network with limited kerbside space, loading dock provisions and service-based uses (for example, tradespeople) competing for space. Transport for NSW data shows that demand for kerbside spaces are greatest between 10am – 2pm, with underutilised kerbside spaces outside of peak periods. These spaces are often in pedestrianised areas. There is a need to balance the use of the road space, for example, by applying the movement and place framework.

The Beaches Link Tunnel will connect the Northern Beaches to the Sydney road network for the first time, improving freight movements. Central freight and delivery hubs at strategic centres or near employment centres could reduce the prevalence of delivery vehicles on local roads, improve efficiency and prioritise pedestrians. We will look to influence the delivery of goods and services in quieter and less polluting ways, including active travel such as electric-assisted cargo bikes in pedestrianised areas. We will also aim to address the negative impacts of freight, such as congestion during peak periods, by prioritising freight delivery times to optimum delivery windows.

**Figure 28**

**Movement and place framework**

**145**

Towards 2040

Draft Local Strategic Planning Statement 2019



Author: coulr Subject: Highlight Date: 22/01/2020 12:25:12 PM  
Amend text:  
25

Author: coulr Subject: Highlight Date: 11/02/2020 3:12:57 PM  
network and freight infrastructure

...  
Endnote 33

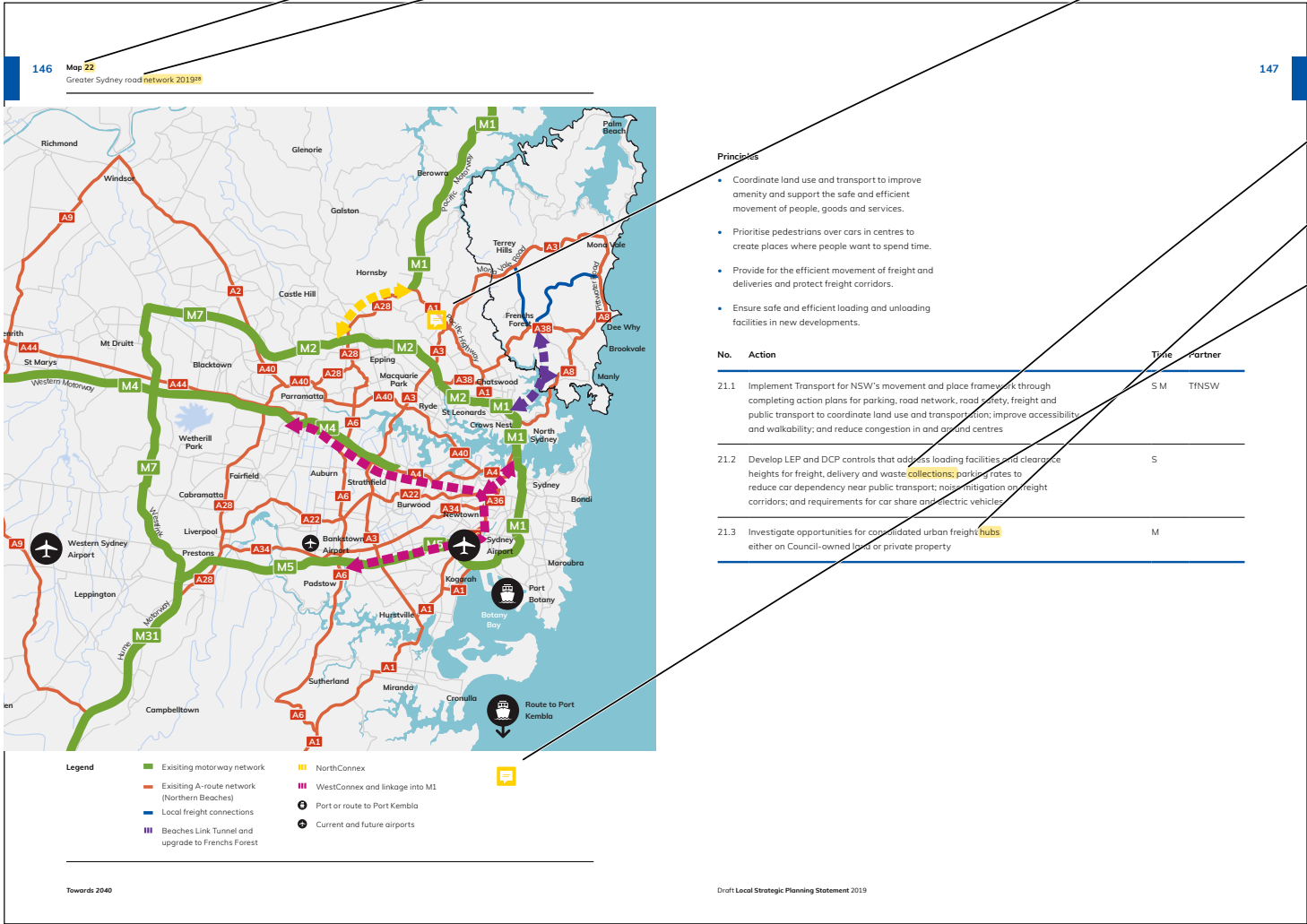
Author: coulr Subject: Sticky Note Date: 20/01/2020 4:22:08 PM  
Amend map:  
- Add Belrose resource recovery centre  
- Add Kimbriki resource recovery centre  
- Add Warriewood wastewater treatment plant  
- Add North Head wastewater treatment plant  
- Add Global Renewables, Eastern Creek

...  
Note: Northern Beaches Council waste and recycling is transported to Kimbriki and/or Belrose Resource Recovery Centres for processing and consolidation for transportation to facilities outside the LGA (for example, Eastern Creek Global Renewables or Central Coast IQ Renew).

Author: coulr Subject: Highlight Date: 16/01/2020 4:16:44 PM  
Amend action:  
collections; common user and secure storage facilities;

Author: coulr Subject: Highlight Date: 16/01/2020 4:16:52 PM  
Amend action:  
hubs, shared spaces and kerbside space for freight activities

Author: coulr Subject: Sticky Note Date: 16/01/2020 4:17:24 PM  
Amend map legend:  
- Add Belrose resource recovery centre  
- Add Kimbriki resource recovery centre  
- Add Warriewood wastewater treatment plant  
- Add North Head wastewater treatment plant



- Author: coullr Subject: Highlight Date: 21/01/2020 11:15:25 AM

Amend text:  
64
- Author: coullr Subject: Highlight Date: 16/01/2020 4:18:07 PM

Amend infographic:  
13,300
- Author: coullr Subject: Highlight Date: 16/01/2020 4:18:27 PM

Amend infographic:  
4,000\*  
...  
\*Frenchs Forest Precinct Plan - Phase One
- Author: coullr Subject: Highlight Date: 21/01/2020 11:15:22 AM

Amend text:  
65
- Author: coullr Subject: Sticky Note Date: 11/02/2020 3:13:27 PM

Replace photo

148

Jobs and skills

The LGA's strategic centres underpin the Northern Beaches economy.

Well-planned strategic centres stimulate economic activity, provide jobs closer to home and use infrastructure more efficiently, while local centres are essential for the local population to access goods and services.

We will continue to strengthen the local economy, improve access to jobs and plan for vibrant mixed use centres that support local industries and innovation.

Planning priorities

• Priority 22

Jobs that match the skills and needs of the community

• Priority 23

Frenchs Forest as a sustainable health and education precinct

• Priority 24

Brookvale as an employment and innovation centre

• Priority 25

Dee Why as a thriving cosmopolitan centre by the sea

• Priority 26

Manly as Sydney's premier seaside destination

• Priority 27

Mona Vale as the contemporary, urban heart of the north

• Priority 28

Safeguarded employment lands

• Priority 29

A thriving, sustainable tourism economy

• Priority 30

A diverse night-time economy

149

Priority 22

Jobs that match the skills and needs of the community

Increasing local job opportunities and ensuring efficient access to these jobs will strengthen the local economy. Nearly 6,000 jobs were added to the Northern Beaches workforce between 2011-2015, mainly in Manly. Over the next 20 years, we expect to see employment grow in Brookvale (Warringah Mall and industrial precincts), Frenchs Forest (including the business park) and Warriewood-Mona Vale (including industrial precincts). Jobs in local centres will increase to meet the needs of the local population.

Figure 62

Job target - Northern Beaches LGA<sup>1</sup>

| Centre              | Jobs - 2019 estimate | Jobs - 2036 target (low-high) | Growth        | Industries                              |
|---------------------|----------------------|-------------------------------|---------------|-----------------------------------------|
| Frenchs Forest      | 9,300                | 12,000 - 13,000               | 2,700 - 3,700 | Health                                  |
| Brookvale / Dee Why | 20,000               | 23,000 - 26,000               | 3,000 - 6,000 | Industrial, urban services and retail   |
| Manly               | 5,000                | 6,000 - 6,500                 | 1,000 - 1,500 | Retail with tourism focus               |
| Mona Vale           | 4,300                | 5,000 - 6,000                 | 700 - 1,700   | Retail, commercial and light industrial |

Figure 63

People travelling to and from the Northern Beaches for work by industry type 2016

Movement to LGA

Knowledge-intensive = 18%

Health and education = 18%

Population-serving = 53%

Industrial = 11%

Movement within LGA

Knowledge-intensive = 24.5%

Health and education = 23.5%

Population-serving = 39%

Industrial = 13%

Movement from LGA

Knowledge-intensive = 36%

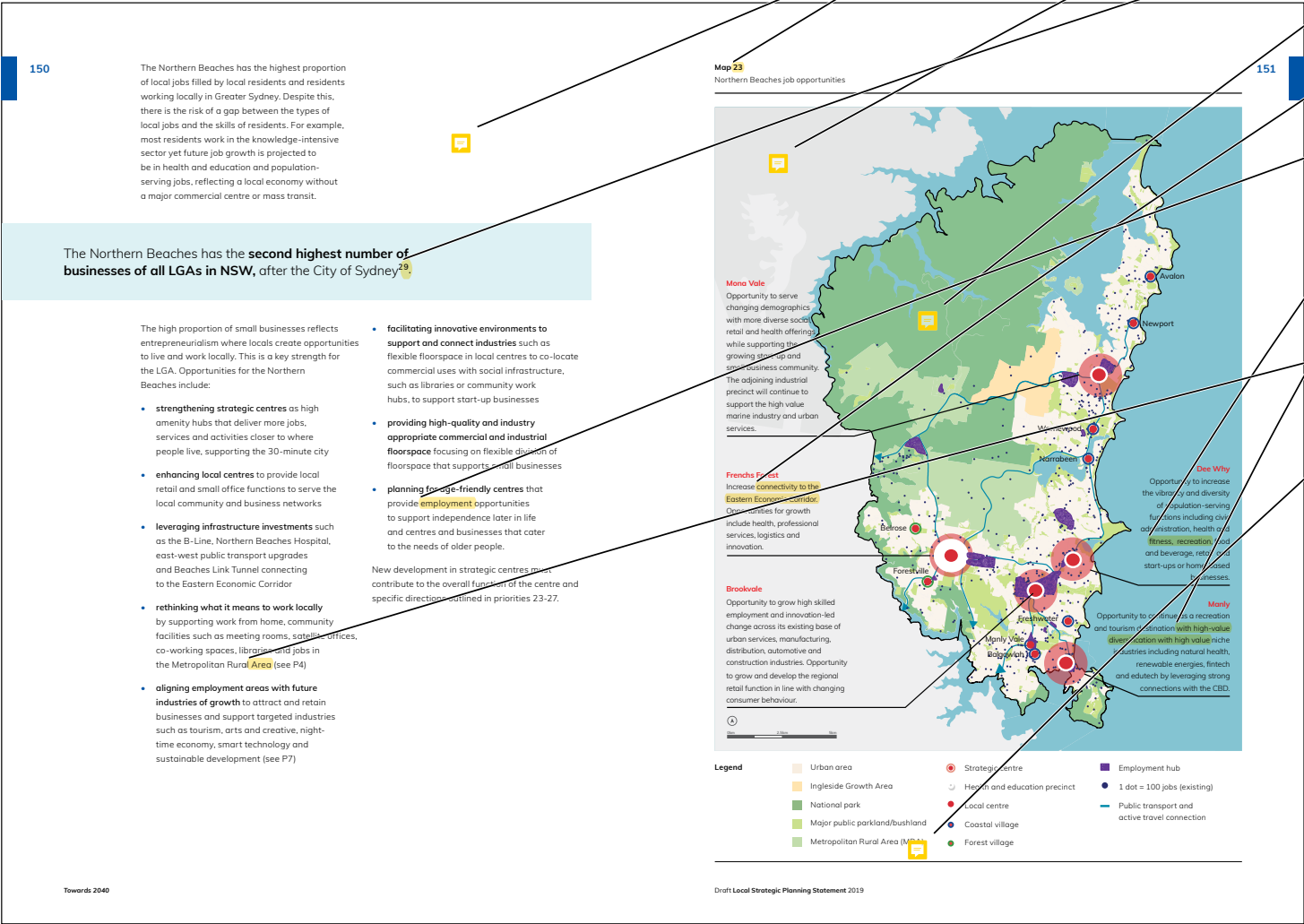
Health and education = 20%

Population-serving = 31%

Industrial = 13%

Towards 2040

Draft Local Strategic Planning Statement 2019



Author: coullr Subject: Highlight Date: 21/01/2020 11:15:19 AM  
Amend text:  
26

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:18:54 PM  
New text:  
Retail has traditionally played a significant role in the LGA and is our second largest employer.

Author: coullr Subject: Sticky Note Date: 22/01/2020 12:26:34 PM  
Amend map - add note:  
Note: Centres are also considered employment hubs

Author: coullr Subject: Highlight Date: 11/02/2020 3:13:50 PM  
Endnote 34

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:19:14 PM  
Amend map:  
- New MRA layer

Author: coullr Subject: Highlight Date: 22/01/2020 12:26:47 PM  
Amend map:  
connectivity and economic links to the Eastern Economic Corridor, including the health and education precincts at Macquarie Park and St Leonards.

Author: coullr Subject: Highlight Date: 16/01/2020 4:19:31 PM  
Amend text:  
employment and volunteer

Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 3:03:43 PM  
fix spacing

Author: coullr Subject: Highlight Date: 11/02/2020 3:14:24 PM  
Amend text:  
with diversification and high-value

Author: coullr Subject: Highlight Date: 16/01/2020 4:19:39 PM  
Amend text:  
Area (MRA) and future MRA investigation area

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:20:05 PM  
Amend map legend:  
- Future MRA investigation area

|                                                                                     |                                             |                             |
|-------------------------------------------------------------------------------------|---------------------------------------------|-----------------------------|
|  | Author: coullr Subject: Highlight           | Date: 16/01/2020 4:21:13 PM |
|                                                                                     | Amend action:<br>amenity, built form and    |                             |
|  | Author: coullr Subject: Highlight           | Date: 14/02/2020 3:04:04 PM |
|                                                                                     | Amend action:<br>Facilitate delivery of the |                             |

152

Principles

- Increase local job opportunities supported by efficient public transport, cycling and walking.
- Maintain and increase employment floor space and ensure residential development within strategic and local centres does not diminish employment or economic opportunities.
- Attract jobs that match the skills of residents and support new business formats such as co-working.
- Improve the amenity and design of centres to meet the needs of the whole community.
- Enhance the population-serving role of smaller local centres.
- Support targeted industry sectors and foster innovative clusters.
- Foster business networks and partnerships to connect, promote and grow business.

| No.  | Action                                                                                                                                                                                                                                                       | Time | Partner |
|------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| 22.1 | Complete the LEP employment study and develop LEP and DCP controls to grow job opportunities; review commercial and retail land supply; review industrial lands; promote innovation; and improve amenity and design of centres and non-residential buildings | I    |         |
| 22.2 | Prepare and implement an economic development plan that responds to the findings of the LEP employment study to build local economic capacity                                                                                                                | S    |         |
| 22.3 | Review planning controls to support specific industry sectors and to implement the Arts and Creativity Strategy                                                                                                                                              | M    |         |
| 22.4 | Prepare and implement a destination management plan, smart communities framework and night-time economy strategy                                                                                                                                             | M    |         |
| 22.5 | Prepare place plans for local centres that support their population-serving role                                                                                                                                                                             | O    |         |
| 22.6 | Identify opportunities for Smart City pilots, projects, partnerships and grant funding                                                                                                                                                                       | S M  |         |
| 22.7 | Deliver the transport projects identified in P19                                                                                                                                                                                                             | S M  | TNSW    |

153

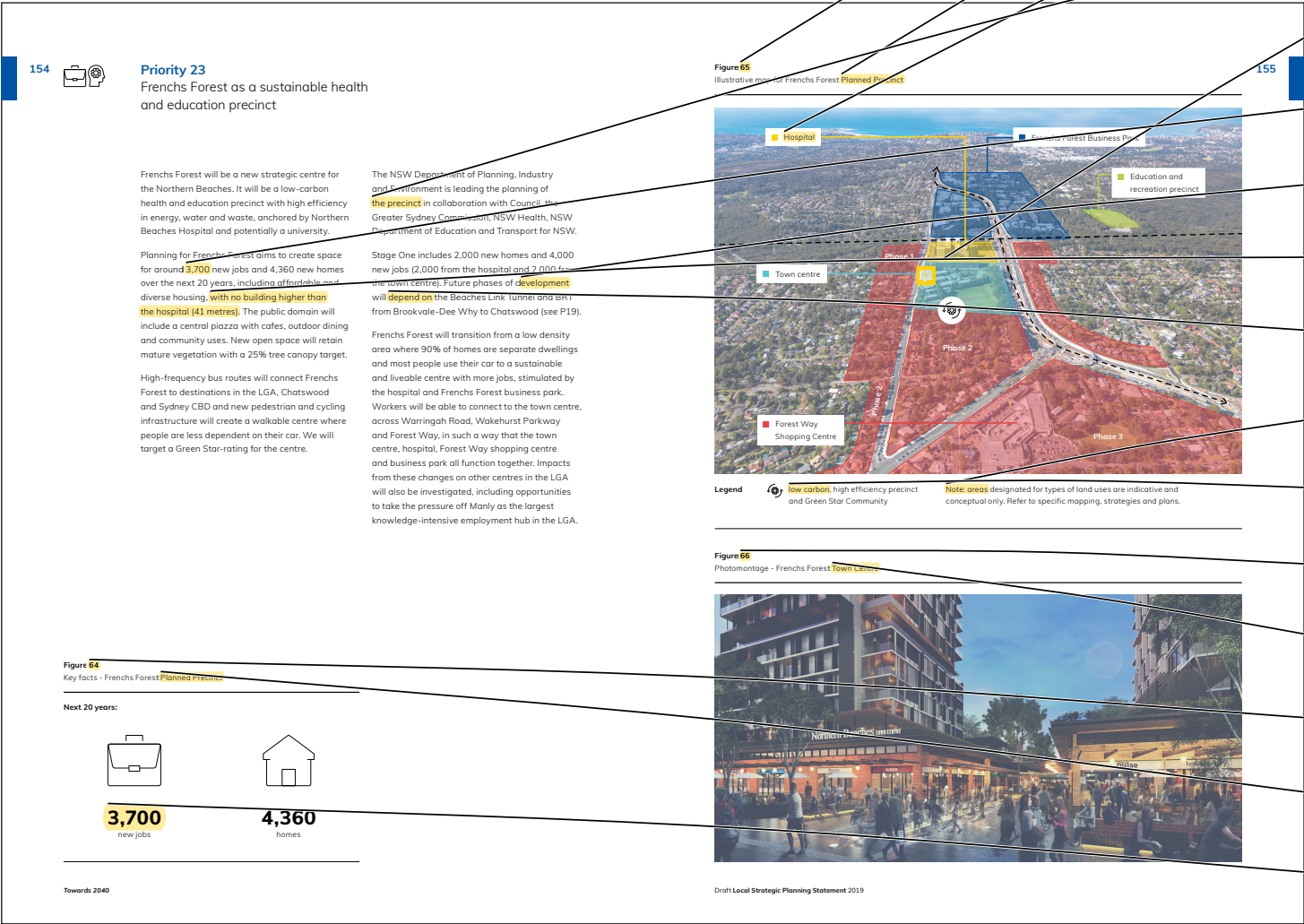
Local businesses, Murrumbidgee



Towards 2040

Draft Local Strategic Planning Statement 2019



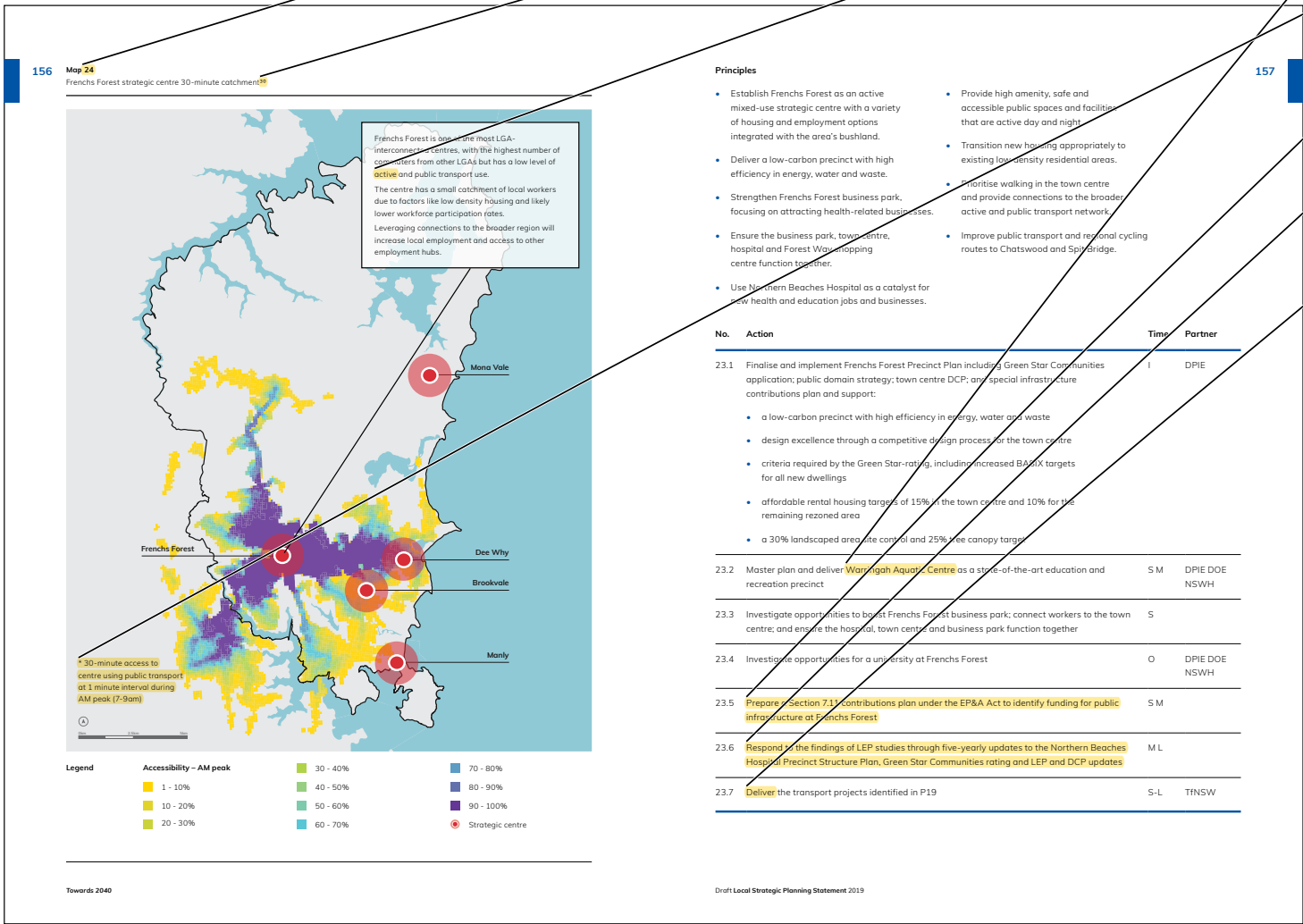


|                                                                                                       |                      |                              |
|-------------------------------------------------------------------------------------------------------|----------------------|------------------------------|
| Author: coullr                                                                                        | Subject: Highlight   | Date: 21/01/2020 11:15:05 AM |
| Amend text:                                                                                           |                      |                              |
| 67                                                                                                    |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:21:34 PM  |
| Amend text:                                                                                           |                      |                              |
| strategic centre                                                                                      |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:21:51 PM  |
| Amend infographic:                                                                                    |                      |                              |
| Northern Beaches Hospital                                                                             |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:22:00 PM  |
| Amend text:                                                                                           |                      |                              |
| Phase One of the planned precinct                                                                     |                      |                              |
| Author: coullr                                                                                        | Subject: Sticky Note | Date: 20/01/2020 4:22:57 PM  |
| Amend infographic:                                                                                    |                      |                              |
| - Show the boundary of the Planned Precinct and add text box pointing to Planned Precinct - Phase One |                      |                              |
| - Show the WAC as part of the education and recreation precinct                                       |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 22/01/2020 12:27:34 PM |
| Amend infographic:                                                                                    |                      |                              |
| 4,000                                                                                                 |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:22:35 PM  |
| Amend text:                                                                                           |                      |                              |
| development in the strategic centre                                                                   |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 11/02/2020 3:14:49 PM  |
| Amend text:                                                                                           |                      |                              |
| Delete                                                                                                |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:22:43 PM  |
| Amend text:                                                                                           |                      |                              |
| depend on longer-term transport options such as                                                       |                      |                              |
| Author: Suzy.Lawrence                                                                                 | Subject: Highlight   | Date: 14/02/2020 3:09:25 PM  |
| Improve legibility:                                                                                   |                      |                              |
| Note: Areas                                                                                           |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 11/02/2020 3:15:10 PM  |
| Amend text:                                                                                           |                      |                              |
| low-carbon                                                                                            |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 21/01/2020 11:14:58 AM |
| Amend text:                                                                                           |                      |                              |
| 68                                                                                                    |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 11/02/2020 3:17:06 PM  |
| Amend text:                                                                                           |                      |                              |
| town centre                                                                                           |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 21/01/2020 11:14:49 AM |
| Amend text:                                                                                           |                      |                              |
| 66                                                                                                    |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:23:04 PM  |
| Amend text:                                                                                           |                      |                              |
| strategic centre                                                                                      |                      |                              |
| Author: coullr                                                                                        | Subject: Highlight   | Date: 16/01/2020 4:23:21 PM  |
| Amend infographic:                                                                                    |                      |                              |
| 4,000*                                                                                                |                      |                              |
| ...                                                                                                   |                      |                              |
| *Frenchs Forest Planned Precinct - Phase One                                                          |                      |                              |

|                                   |                |                    |                              |
|-----------------------------------|----------------|--------------------|------------------------------|
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:14:46 AM |
| Amend text:<br>27                 |                |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:17:37 PM  |
| Endnote 29                        |                |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:18:00 PM  |
| Amend text:<br>active travel      |                |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 16/01/2020 4:24:23 PM  |
| Amend action:<br>Aquatic Reserve  |                |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:21:46 PM  |
| Amend text:                       |                |                    |                              |

Note: 100% means areas that can access the centre within 30-minutes using public transport at 1 minute intervals during AM peak (7-9am)

|                                                                                                                                                                                                 |                |                    |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|--------------------|-----------------------------|
| <div><div></div><div></div></div>                                                                                                                                                               | Author: coullr | Subject: Highlight | Date: 16/01/2020 4:24:38 PM |
| Amend action:<br>Prepare a contributions plan to identify funding of local infrastructure at Frenchs Forest                                                                                     |                |                    |                             |
| <div><div></div><div></div></div>                                                                                                                                                               | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:23:06 PM |
| Amend action:<br>Implement the Northern Beaches Hospital Precinct Structure Plan and undertake five-yearly updates to address the findings of the LEP studies and Green Star Communities rating |                |                    |                             |
| <div><div></div><div></div></div>                                                                                                                                                               | Author: coullr | Subject: Highlight | Date: 16/01/2020 4:24:54 PM |
| Amend action:<br>Undertake further traffic and transport assessments as required to facilitate future development beyond Phase One, and facilitate the delivery of                              |                |                    |                             |



Principles

- Establish Frenchs Forest as an active mixed-use strategic centre with a variety of housing and employment options integrated with the area's bushland.
- Deliver a low-carbon precinct with high efficiency in energy, water and waste.
- Strengthen Frenchs Forest business park, focusing on attracting health-related businesses.
- Ensure the business park, town centre, hospital and Forest Way shopping centre function together.
- Use Northern Beaches Hospital as a catalyst for new health and education jobs and businesses.
- Provide high amenity, safe and accessible public spaces and facilities that are active day and night.
- Transition new housing appropriately to existing low-density residential areas.
- Prioritise walking in the town centre and provide connections to the broader active and public transport network.
- Improve public transport and regional cycling routes to Chatswood and Seabridge.

| No.  | Action                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Time | Partner      |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|--------------|
| 23.1 | Finalise and implement Frenchs Forest Precinct Plan including Green Star Communities application; public domain strategy; town centre DCP; and special infrastructure contributions plan and support: <ul style="list-style-type: none"><li>a low-carbon precinct with high efficiency in energy, water and waste</li><li>design excellence through a competitive design process for the town centre</li><li>criteria required by the Green Star-rating, including increased B&amp;AIX targets for all new dwellings</li><li>affordable rental housing targets of 15% in the town centre and 10% for the remaining rezoned area</li><li>a 30% landscaped area with a canopy and 25% tree canopy target</li></ul> | I    | DPIE         |
| 23.2 | Master plan and deliver Warringah Aquatic Centre as a state-of-the-art education and recreation precinct                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | S M  | DPIE DOE NSW |
| 23.3 | Investigate opportunities to boost Frenchs Forest business park; connect workers to the town centre; and ensure the hospital, town centre and business park function together                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | S    |              |
| 23.4 | Investigate opportunities for a university at Frenchs Forest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | O    | DPIE DOE NSW |
| 23.5 | Prepare Section 7.11 contributions plan under the EP&A Act to identify funding for public infrastructure at Frenchs Forest                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | S M  |              |
| 23.6 | Respond to the findings of LEP studies through five-yearly updates to the Northern Beaches Hospital Precinct Structure Plan, Green Star Communities rating and LEP and DCP updates                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | M L  |              |
| 23.7 | Deliver the transport projects identified in P19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | S-L  | TfNSW        |

- Author: coulr Subject: Highlight Date: 21/01/2020 11:14:42 AM

Amend text:  
69
- Author: coulr Subject: Highlight Date: 14/02/2020 3:10:20 PM

Amend text:  
Sydney and an example of the significant role of the private sector in strategic centres. It also includes a cluster of community infrastructure including
- Author: coulr Subject: Highlight Date: 16/01/2020 4:25:39 PM

Amend text:  
\$50 million Brookvale Community Health Centre
- Author: coulr Subject: Sticky Note Date: 16/01/2020 4:25:51 PM

Add text:  
Brookvale also includes organisations and businesses that offer social, lifestyle and community functions, such as Manly Warringah Leagues Club.
- Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 3:10:50 PM

Improve legibility:  
**Note:** Areas
- Author: coulr Subject: Highlight Date: 11/02/2020 3:23:28 PM

Amend text:  
low-carbon
- Author: coulr Subject: Highlight Date: 21/01/2020 11:14:40 AM

Amend text:  
70

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Priority 24

Brookvale as an employment and innovation centre

Brookvale supports industrial, commercial, retail, service and education sectors. It is the LGA's largest employment hub, accommodating one-third of the LGA's jobs. Most people living on the Northern Beaches can access Brookvale by public transport within 30 minutes of where they live.

Brookvale includes Warringah Mall, one of the largest malls in Greater Sydney, and a cluster of diverse community infrastructure assets including the Brookvale Community Health Centre, a \$50-million centre opened February 2019, 127 c NSW, and Brookvale Oval, where a \$20-million centre of excellence was announced early 2019.

The draft Brookvale Structure Plan, exhibited in 2017, supports an employment-based centre that is a great place to live and work, with more night-time activities for the young and culturally diverse population. The Structure Plan aims to revitalise Pittwater Road and create convenient, attractive and safe walking, cycling and public transport connections, including green links to the bush and the sea.

Brookvale has a tradition of innovation – it was once known as Sydney's surfboard making capital and was formerly home to early production of 'ugg' boots. We will continue to support opportunities for innovative and creative industries.

Warringah Mall will stand out better integrate with the fabric and life of Brookvale. A new town centre activity-point outside the mall could include civic and cultural functions and a multi-use community facility, incorporating working or economic development spaces. We will determine the right mix of industrial and urban services for the centre and investigate opportunities for creative industrial uses.

Three-quarters of commuter trips to Brookvale-Dee Why are by car, mainly from areas within the Northern Beaches. Better roads, public transport and regional cycling routes will help to realise Brookvale's potential as the Northern Beaches' major strategic centre, particularly to support commuters from other strategic centres such as Frenchs Forest and Mona Vale, who mainly travel to Brookvale by car.

Figure 67

Illustration map for Brookvale strategic centre

Figure 68

Photomontage - Brookvale town centre

Towards 2040

Draft Local Strategic Planning Statement 2019

Author: coullr Subject: Highlight Date: 21/01/2020 11:14:37 AM

Amend text: 28

Author: coullr Subject: Highlight Date: 11/02/2020 3:23:49 PM

Endnote 29

Author: coullr Subject: Highlight Date: 16/01/2020 4:26:23 PM

Amend action: Investigate the preparation of a Special Infrastructure Contribution and a contributions plan to fund transport and amenity improvements including open space

Author: coullr Subject: Highlight Date: 16/01/2020 4:26:31 PM

Amend action: Facilitate the delivery of the

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:26:52 PM

New action (A24.6): Work with Transport for NSW on the future of Brookvale bus depot to support future transport requirements for the LGA while also achieving Council's vision for the centre

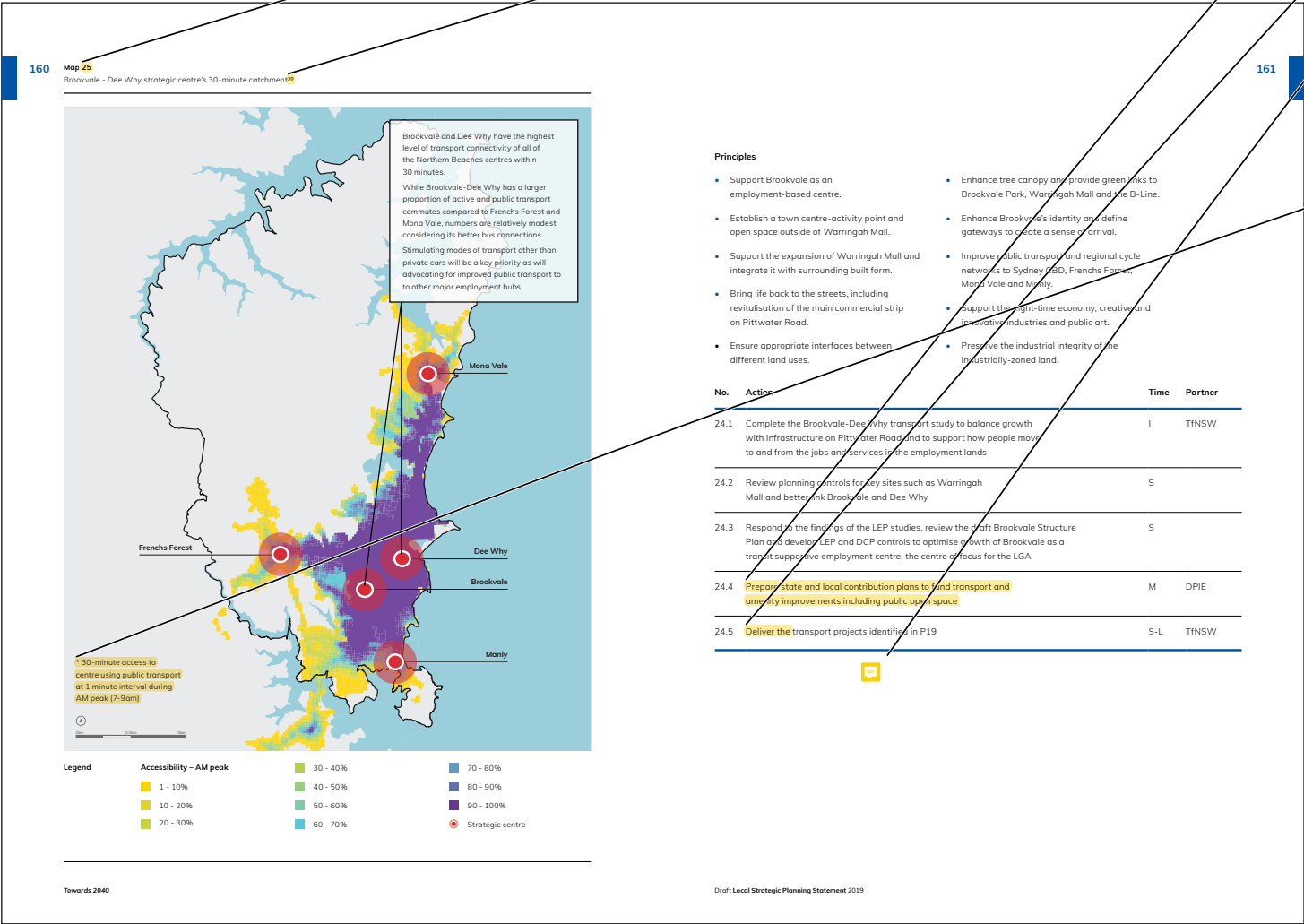
Partner = TfNSW

Timing = O

Author: coullr Subject: Highlight Date: 11/02/2020 3:22:02 PM

Amend text:

Note: 100% means areas that can access the centre within 30-minutes using public transport at 1 minute intervals during AM peak (7-9am)





|                                                                                     |                                                                         |                      |                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------|----------------------|------------------------------|
|  | Author: coullr                                                          | Subject: Highlight   | Date: 21/01/2020 11:14:32 AM |
|                                                                                     | Amend text:<br>71                                                       |                      |                              |
|  | Author: coullr                                                          | Subject: Sticky Note | Date: 11/02/2020 3:24:16 PM  |
|                                                                                     | Amend infographic:<br>- Add Triangle Park<br>- Add arrow heads to roads |                      |                              |
|  | Author: Suzy.Lawrence                                                   | Subject: Highlight   | Date: 14/02/2020 3:11:44 PM  |
|                                                                                     | Improve legibility:<br><b>Note:</b> Areas                               |                      |                              |
|  | Author: coullr                                                          | Subject: Sticky Note | Date: 11/02/2020 3:24:31 PM  |
|                                                                                     | Replace photo                                                           |                      |                              |

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Priority 25

Dee Why as a thriving cosmopolitan centre by the sea

Dee Why is a population-serving, mixed use centre that offers housing, retail, civic, service and commercial functions. It has one of the most densely populated, multicultural communities on the Northern Beaches offering a cosmopolitan lifestyle and night-time activity.

Residents and workers benefit from Dee Why's proximity to Dee Why Beach, Dee Why Lagoon Wildlife Refuge and Stony Range Flora Reserve. It contains buildings of heritage significance including the Civic Precinct with Dee Why Library, Civic Centre and the surrounding landscape recognised for their State heritage significance (see P18).

Recent housing growth in the town centre is based on planning controls that have been in place since 2000. Although an increase in capacity was allowed on two key sites since 2008, only one of these sites has been completed (the Meriton site, known as Site B).

The current vision for Dee Why Town Centre is articulated in Warringah LEP 2011 and Dee Why Town Centre Master Plan 2013. These are being implemented through public domain upgrades and updates to planning controls to stimulate development that will fund and supply open space, including:

- **street and public open space upgrades** including Walter Gars Park, Redman Road Plaza, streetscape improvements and proposed upgrades to Triangle Park
- **redevelopment of Council-owned land**, subject to current investigations, including:
  - a. **Key Site A**, a new mixed use development and roadway between Howard and Oaks Avenue through the Council-owned car park
  - b. **Civic Site** to provide community facilities and services including performing arts and entertainment, cuisine and retail
- **redevelopment of private lands**, facilitated by development bonuses in exchange for public open space at the ground level, including:
  - c. **Key Site B**, now known as the Meriton site, including a town plaza and open arcade
  - d. **Key Site C**, a roadway between Oaks Avenue and Pacific Parade through the former Woolworths site
  - e. **Key Site D**, a heavy vehicle turning lane for vehicles turning left from Pittwater Road onto Pacific Parade
  - f. **Key Site E**, a rear lane, landscaped open space and better connections for sites west of Pittwater Road.

Changes to planning controls require resolution of a planning proposal with the NSW Department of Planning, Industry and Environment. New LEP and DCP controls will improve provisions for design excellence, sustainability, retail activation, public domain and housing mix. New development will integrate with the new B-Line service and fund improvements to stormwater infrastructure, traffic and streetscapes.

Although no significant increase in density is proposed, there is estimated capacity for an additional 1,400 dwellings, based on current and proposed planning controls. This growth, along with the recent increase in population, calls for place planning to guide how the area will change.

163

|                                                                                     |                                                                                |                             |
|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|-----------------------------|
|  | Author: coullr Subject: Highlight Amend principle: Delete 'South Catchment'    | Date: 22/01/2020 1:38:34 PM |
|  | Author: coullr Subject: Highlight Amend action: Delete 'and Delivery Program'  | Date: 22/01/2020 1:38:47 PM |
|  | Author: coullr Subject: Highlight Amend action: Facilitate the delivery of the | Date: 16/01/2020 4:28:27 PM |

164

Principles

- Support Dee Why as a mixed centre for business, community, civic and residential uses.
- Maintain and reinforce Dee Why's role as the LGA's civic centre.
- Establish sunny, public spaces, including generous footpaths.
- Activate ground floor level retail uses and appropriately interface development with public areas.

- Provide at least two levels of non-residential uses for employment.
- Increase street tree planting and minimise impacts on Dee Why Lagoon **South Catchment**.
- Improve public transport to the Sydney CBD, Frenchs Forest and Manly.
- Support night-time and cultural opportunities.

| No.  | Action                                                                                                                                                              | Time | Partner |
|------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| 25.1 | Implement the planning proposal for Dee Why Town Centre Master Plan 2013 to support Dee Why as a mixed use centre                                                   |      | DPIE    |
| 25.2 | Develop LEP and DCP controls for Dee Why to respond to the findings of LEP studies                                                                                  | S    |         |
| 25.3 | Investigate Dee Why in the place planning program to respond to growth and transformation                                                                           | M L  |         |
| 25.4 | Deliver new roads, laneways and open space identified in the Dee Why Town Centre Master Plan 2013 and the Section 7.11 Plan for Dee Why <b>and Delivery Program</b> | S    |         |
| 25.5 | Investigate the feasibility of redeveloping the Howard and Oaks Avenue car park (Site 5) and a new civic hub (Civic Site)                                           | S    |         |
| 25.6 | <b>Deliver the</b> transport projects identified in P19                                                                                                             | S-L  | TNSW    |

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The Strand, Dee Why



Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr Subject: Highlight Date: 21/01/2020 11:14:29 AM  
Amend text:  
72
- Author: coullr Subject: Sticky Note Date: 16/01/2020 4:29:02 PM  
Amend infographic:  
- Add a label for North Head  
- Include ferry icon 'transport interchange'
- Author: coullr Subject: Highlight Date: 16/01/2020 4:29:10 PM  
Amend text:  
access to the rest of the LGA including Warringah Mall,
- Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 3:12:19 PM  
Improve legibility:  
**Note:** Areas

166



Priority 26

Manly as Sydney's premier seaside destination

Manly is characterised by its frontages to the harbour and beach, iconic Norfolk Island pines and older historic buildings and generally low-scale development. The world-famous ocean beach is linked to Manly Cove and East and West Esplanades by The Corso flanked by quaint laneways and heritage buildings. The town centre is bordered by popular foreshore areas that connect to Sydney Harbour National Park at North Head and Cabbage Tree Bay Aquatic Reserve. These elements are evidence of Manly's history and social significance.

The town centre offers cultural, tourist, retail and entertainment uses. It is also a residential and economic centre, supporting the highest population density and the highest proportion of health and education and knowledge-intensive jobs of all of the LGA's centres. Manly has the youngest demographic and is the most culturally diverse of the LGA's centres, supporting mostly professionals and managers.

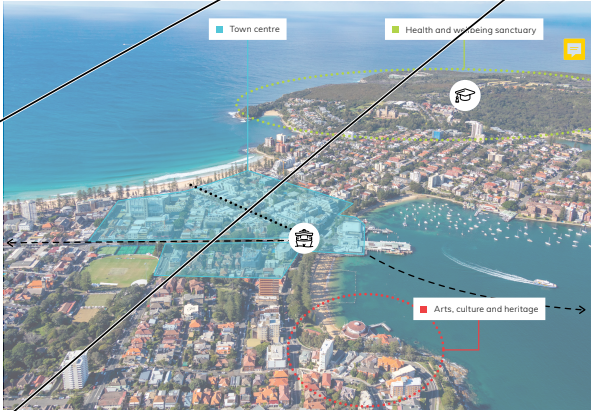
Manly is an important tourist destination and the LGA's only designated late-night precinct. These uses must be balanced with the needs of Manly's residents and other specialised uses which include the International College of Management Sydney, Manly Art Gallery and Museum (one of 40 regional and public galleries in NSW), Australia's first hospice for young adults, Soldier On (a veterans' rehab centre at North Head) and Royal Far West (a provider of health and education services for country children and their families).

Manly 2015 Master Plan supports a mix of cultural, tourist, retail and entertainment through urban design upgrades to streets, lanes and plazas, including pedestrianising streets. Some of these projects are complete and some are identified as future projects in the Northern Beaches Delivery Program.

People in Manly are the highest users of active and public transport compared to other centres. It offers 20-minute ferry commutes to Sydney CBD, but connections to lower Northern Beaches suburbs are poor. Addressing this will improve access to Warringah Mall, the B-Line, Manly Andrew 'Boy' Charlton Aquatic Centre and sportsgrounds at North Manly, making it easier for people to travel to Manly without a car and reducing demand for parking in the centre. This will be supported by a regional cycling route to Dee Why and improved end-of-trip facilities, such as bike storage.

Figure 70

Illustrative map for Manly town centre



Note: areas designated for types of land uses are indicative and conceptual only. Refer to specific mapping, strategies and plans.



The Corso, Manly

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coulr Subject: Highlight Date: 21/01/2020 11:14:26 AM

Amend text:  
29
- Author: coulr Subject: Highlight Date: 11/02/2020 3:24:53 PM

Endnote 29
- Author: coulr Subject: Highlight Date: 16/01/2020 4:29:48 PM

Amend principle:  
Encourage spaces and facilities that promote flexible working, local professional employment and innovative start-ups including community spaces, commercial co-working and satellite offices.
- Author: coulr Subject: Highlight Date: 11/02/2020 3:25:13 PM

Amend text:  
be a
- Author: coulr Subject: Cross-Out Date: 22/01/2020 1:39:07 PM

Amend principle:  
Delete
- Author: coulr Subject: Highlight Date: 22/01/2020 1:39:19 PM

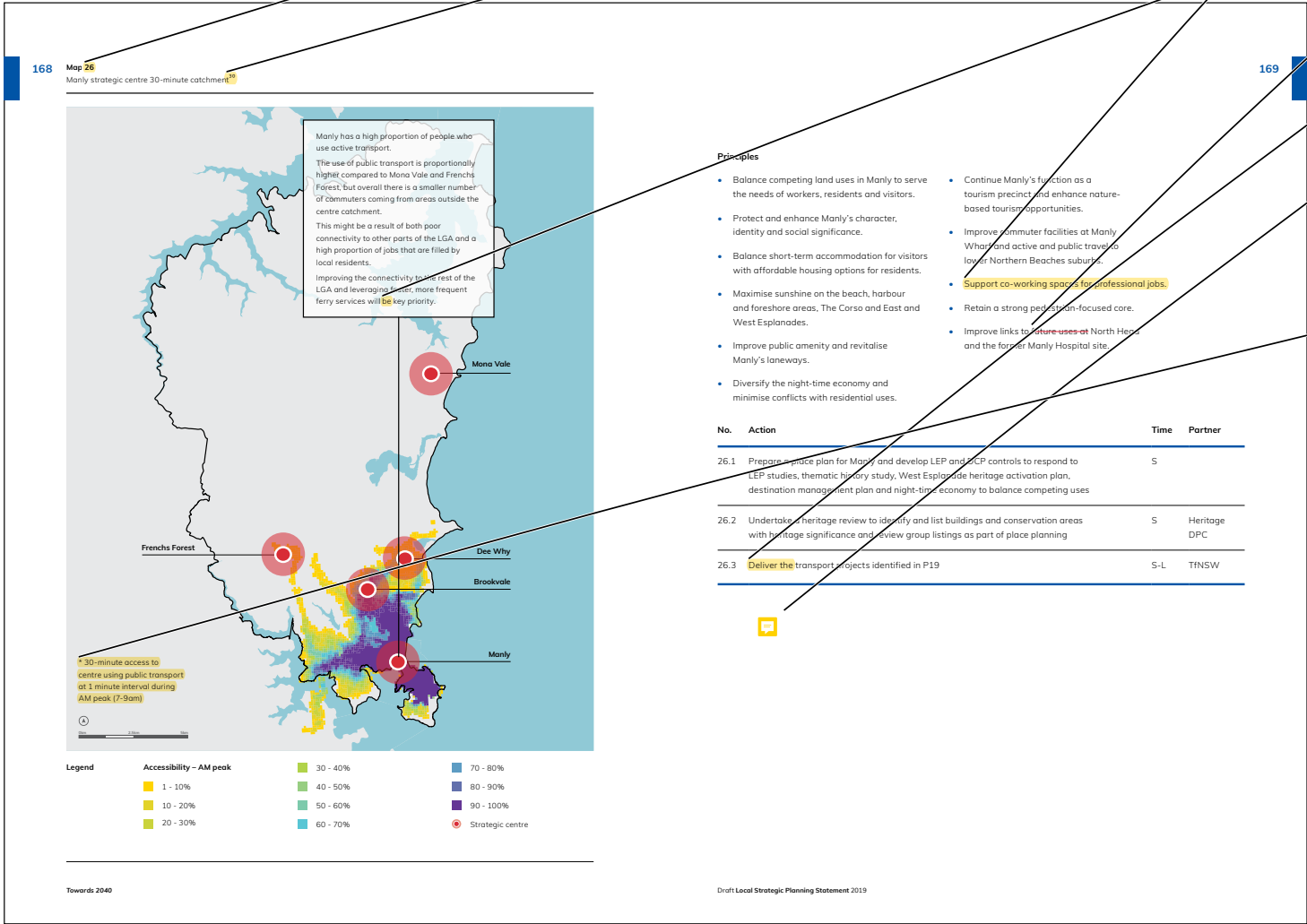
Amend action:  
Facilitate the delivery of the
- Author: coulr Subject: Sticky Note Date: 16/01/2020 4:30:22 PM

New action (A26.4):  
Plan for future uses for the former Manly Hospital site

Timing = S

Partner = DPIE
- Author: coulr Subject: Highlight Date: 11/02/2020 3:22:23 PM

Amend text:  
  
Note: 100% means areas that can access the centre within 30-minutes using public transport at 1 minute intervals during AM peak (7-9am)





170

Priority 27

Mona Vale as the contemporary, urban heart of the north

Mona Vale has a local, coastal character with a village atmosphere. It sits at the end of the B-Line and is only a 10-minute walk from the beach. It supports community, residential, retail, commercial, educational and industrial uses as well as many open spaces, such as Village Park, Kitchener Park, Mona Vale Skate Park, Winnereremy Bay and publicly and privately owned golf courses.

Mona Vale services people living in the LGA's north, including Newport, Avalon and Palm Beach, and could be transitioned from a predominantly low density centre to a place that offers more diverse housing and job opportunities, especially catering to the ageing population.

Most commuters come to Mona Vale from other coastal suburbs by car. Extending the B-Line service to Newport, improving east-west bus services to Macquarie Park and strengthening the local bus network is essential.

Mona Vale has the highest number of people working from home compared to other areas in the Northern Beaches, which presents opportunities to support co-working and digital infrastructure that facilitates working from home. The new **arts centre** at Mona Vale **Civic Centre** (including a community gallery, teaching spaces and studios) will see the centre transition and adapt to the changing needs of the community.

Place planning for Mona Vale will revitalise public areas and focus on Mona Vale as a centre for people living in the north of the LGA.

**Principles**

- Support Mona Vale as an employment and service centre for people living in the north of the LGA.
- Revitalise and improve public areas, including potential for a civic heart in the Village **Park**.
- Strengthen Mona Vale as a transport interchange by improving active and public transport connections to surrounding areas.
- Create appropriate interfaces at land use boundaries.
- Improve public transport to Macquarie Park and the Sydney CBD.

| No.  | Action                                                                                                                                 | Time | Partner |
|------|----------------------------------------------------------------------------------------------------------------------------------------|------|---------|
| 27.1 | Prepare a place plan for Mona Vale and develop LEP and DCP controls to respond to LEP changes and support revitalisation of the centre | S    |         |
| 27.2 | Repurpose Mona Vale civic centre into an arts centre, including community gallery, teaching spaces and studios                         | S    |         |
| 27.3 | Deliver the transport projects identified in P19                                                                                       | S-L  | TNSW    |

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Figure 71

Illustrative map for Mona Vale strategic centre



Note: areas designated for types of land uses are indicative and conceptual only. Refer to specific mapping, strategies and plans.



Mona Vale Library

Draft Local Strategic Planning Statement 2019

- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:14:22 AM

Amend text:

73
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:37:15 PM

Amend text:

creative space
- Author: coullr

Subject: Highlight

Date: 22/01/2020 1:39:48 PM

Amend text:

Delete
- Author: coullr

Subject: Sticky Note

Date: 20/01/2020 12:13:34 PM

Amend infographic, add:

- Mona Vale beach

- Mona Vale hospital

- Village Park and civic heart

- B-line stop

- Pedestrian connections

- Kitchener Park
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 4:37:41 PM

New principle:

Encourage infrastructure to support home based businesses including flexible work spaces, co-working and tele-conference.
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:37:51 PM

Amend principle:

Park and access to and connectivity between key sites in the strategic centre.
- Author: coullr

Subject: Highlight

Date: 14/02/2020 3:13:01 PM

Amend action:

Deliver a contemporary arts and creativity centre in Mona Vale
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:38:09 PM

Change timing:

M
- Author: coullr

Subject: Highlight

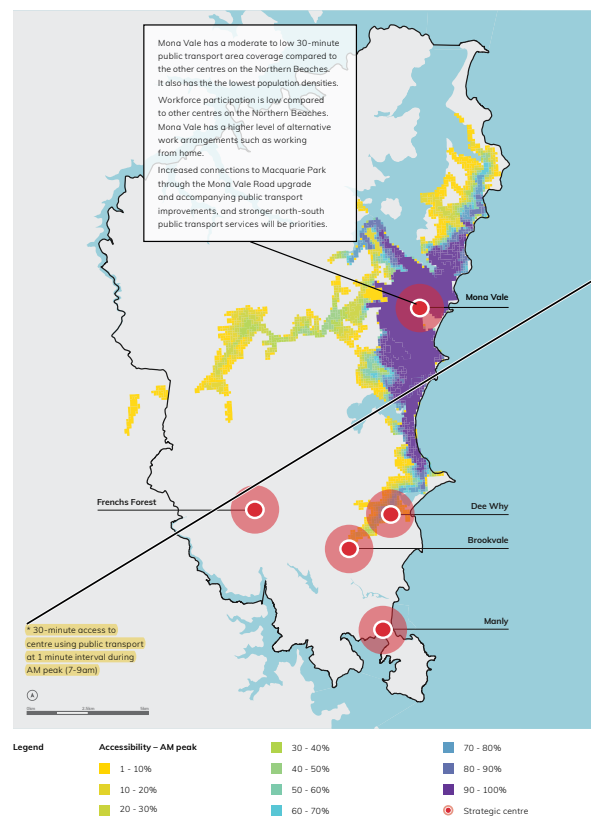
Date: 16/01/2020 4:38:18 PM

Amend action:

Facilitate the delivery of the

|                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  Author: coullr Subject: Highlight Date: 21/01/2020 11:14:17 AM<br>Amend text:<br>30       |
|  Author: coullr Subject: Highlight Date: 11/02/2020 3:25:48 PM<br>Endnote 29               |
|  Author: coullr Subject: Highlight Date: 16/01/2020 4:38:51 PM<br>Amend text:<br>bus stop, |
|  Author: coullr Subject: Highlight Date: 11/02/2020 3:22:37 PM<br>Amend text:              |

Note: 100% means areas that can access the centre within 30-minutes using public transport at 1 minute intervals during AM peak (7-9am)



|                                   |                                                             |                    |                              |
|-----------------------------------|-------------------------------------------------------------|--------------------|------------------------------|
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 21/01/2020 11:14:14 AM |
|                                   | Amend text:<br>74                                           |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 11/02/2020 3:26:12 PM  |
|                                   | Endnote 37                                                  |                    |                              |
| <div><div></div><div></div></div> | Author: Suzy.Lawrence                                       | Subject: Highlight | Date: 14/02/2020 3:13:31 PM  |
|                                   | Improve legibility:<br>Make bold                            |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 11/02/2020 3:30:35 PM  |
|                                   | Endnote 35                                                  |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 21/01/2020 11:14:10 AM |
|                                   | Amend text:<br>75                                           |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 11/02/2020 3:30:51 PM  |
|                                   | Endnote 37                                                  |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 11/02/2020 3:31:08 PM  |
|                                   | Endnote 36                                                  |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 16/01/2020 4:39:16 PM  |
|                                   | Amend text:<br>Area (MRA) and future MRA investigation area |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 21/01/2020 11:14:07 AM |
|                                   | Amend text:<br>76                                           |                    |                              |
| <div><div></div><div></div></div> | Author: coulr                                               | Subject: Highlight | Date: 11/02/2020 3:31:25 PM  |
|                                   | Endnote 35                                                  |                    |                              |

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Priority 28

Safeguarded employment lands

Industrial jobs make up 15% of local jobs. With the rise of online retailing, the value of employment lands for logistics close to residential areas is increasing. A new mix of businesses in the LGA's employment lands creates the risk of these areas becoming a catch-all for various uses. The right balance of businesses will protect the integrity of employment lands and avoid creative-led gentrification.

We define employment lands as lands zoned for industrial, business or similar purposes. These lands cater for a range of activities from major freight and logistics, heavy manufacturing, light industry to urban services and other creative uses. Business parks also cater for offices. The Greater Sydney Commission defines urban services as industries that enable the city to develop and its businesses and residents to operate, such as concrete batching, waste recycling and transfer, printing, car repairs, construction depots, and utilities (electricity, water, gas supply).

In the Metropolitan Rural Area, businesses include nurseries and landscape supplies as well as in the Austlink Business Park, Tepko Road Industrial Estate, Kimbriki and Belrose resource recovery centres, and telecommunications and electrical facilities (see P4). Mono Vale's marine industry cluster provides specialised services to the Australian east coast.

The North District has the lowest amount of industrial land in Greater Sydney and demand is growing. One-third of the District's industrial land (189 hectares) is in the Northern Beaches. Brookvale is the largest industrial precinct in the North District and makes up 46% of industrial land on the Northern Beaches<sup>11</sup>.

Frenchs Forest Business Park is the fourth largest (developed) business park in Greater Sydney and makes up 54% of the 100 hectares of business park zoned land on the Northern Beaches<sup>11</sup>.

As the population grows, there is increasing pressure to rezone employment lands, particularly at Brookvale and Mono Vale industrial precincts and Frenchs Forest Business Park. Some businesses can relocate to cheaper areas with fewer land use conflicts. Others, however, cannot – they rely on proximity to local populations or a nearby centre. While some of these industries do not always provide a higher number of jobs, they are essential for their operational role and function. For example, while the wholesale sector is not a major employer, it is the third-largest contributor to the local economy in terms of value-add (\$1.1 billion<sup>12</sup>).

All industrial precincts in Northern Beaches LGA are fully developed with no development in the pipeline. While some of these industrial precincts are small, and only appear to be a small part of the industrial lands supply of the region, they are critical. Future planning must balance local needs, a transitioning economy and high-value industries. This requires businesses to capitalise on advanced manufacturing, automation, vertical warehousing and last-mile delivery models without sacrificing opportunities for value-added economic growth and employment outcomes.

The approach for managing industrial and urban services land, as identified in the North District Plan, is to 'retain and manage' industrial and urban services land in the Northern Beaches. No employment land will be rezoned for a higher purpose.

Figure 72

Spatial distribution of employment lands by district 2017<sup>13</sup>

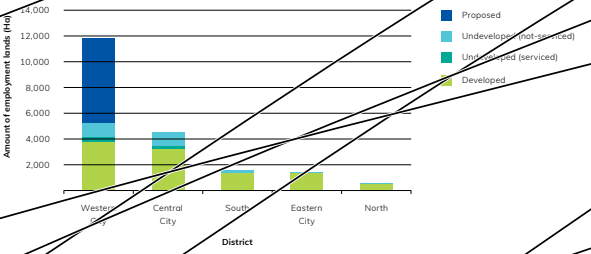


Figure 73

Historical spatial distribution of zoned employment lands by North District LGA 2017<sup>14</sup>

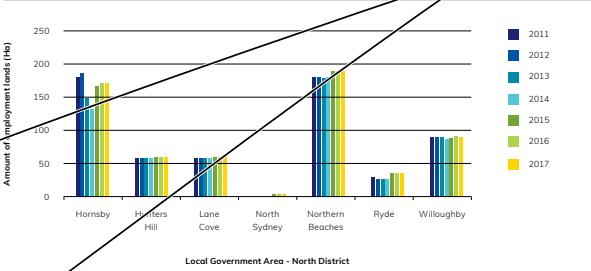


Figure 74

Importance of employment lands



Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr Subject: Highlight Date: 21/01/2020 11:14:02 AM

Amend text:  
31
- Author: coullr Subject: Sticky Note Date: 16/01/2020 4:39:40 PM

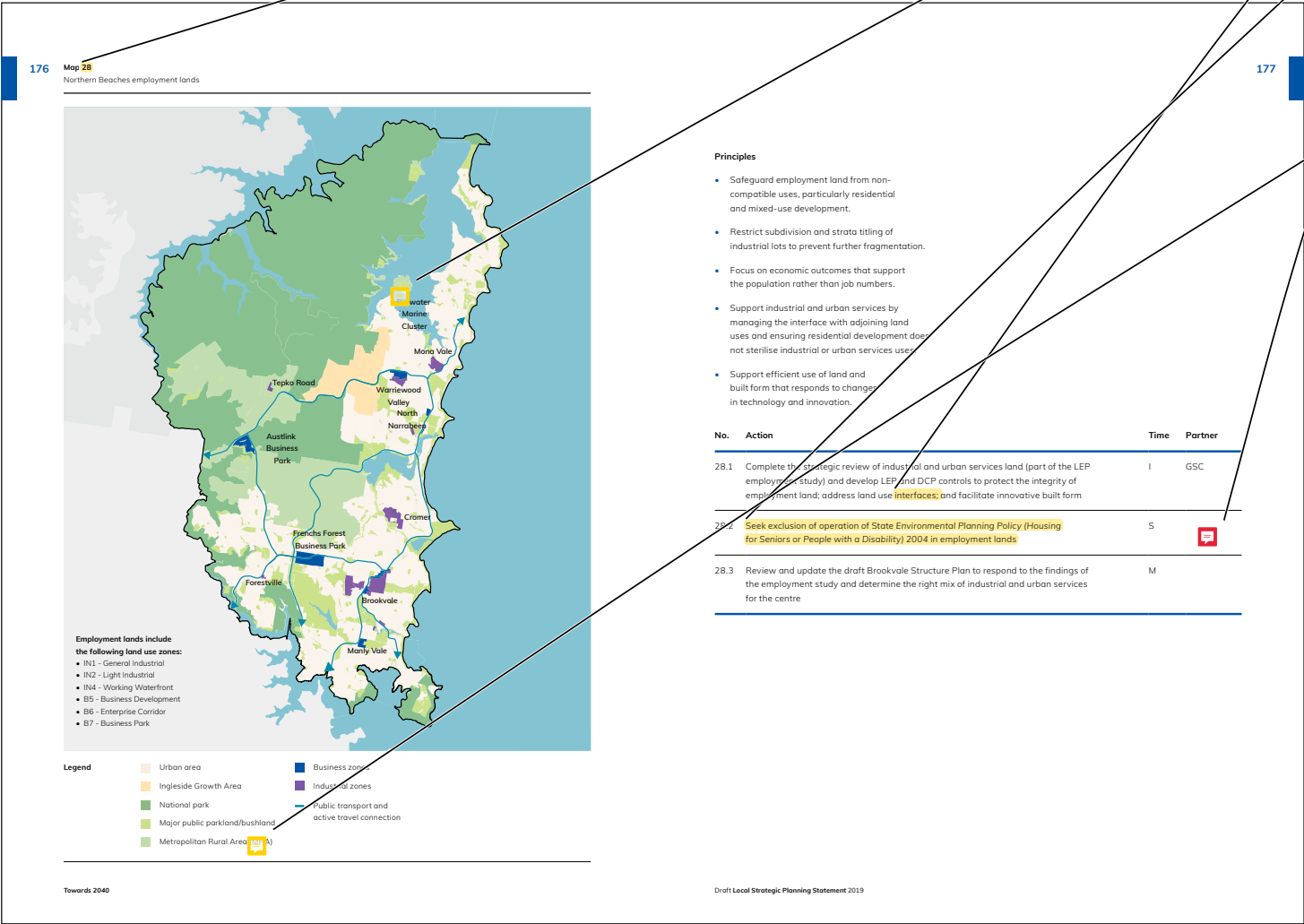
Amend map:  
- New MRA layer
- Author: coullr Subject: Highlight Date: 16/01/2020 4:39:49 PM

Amend action:  
interfaces; ensure uses in employment lands or adjoining areas are compatible with existing uses;
- Author: coullr Subject: Highlight Date: 14/02/2020 3:14:00 PM

Amend action:  
Work with the Department of Planning, Infrastructure and Environment on the application of relevant State policies that allow residential and mixed-use development in employment lands, by developing a local approach to the provision of housing based on evidence in the local housing strategy
- Author: coullr Subject: Sticky Note Date: 11/02/2020 3:31:48 PM

Add partner:  
DPIE
- Author: coullr Subject: Sticky Note Date: 16/01/2020 4:40:00 PM

Amend map legend:  
- Future MRA investigation area





178

Priority 29

A thriving, sustainable tourism economy

The Northern Beaches is a valuable tourism asset for Greater Sydney, and more broadly NSW and Australia. The local tourism and hospitality sector contributes twice as many jobs and revenue to the Northern Beaches economy compared to the NSW average. Around 3 million people visit the Northern Beaches every year. Most of these are domestic visitors, and although international visitors account for only 36% of our visitors they stay longer than the NSW average.

Tourist accommodation ranges from boutique style accommodation, large international hotels and backpacker accommodation in Manly through to a caravan park at Narrabeen, playgrounds at the Basin and cabins at Pittwater on Pittwater. The shared economy (e.g. Airbnb) has diversified offerings in terms of type and location.

Diversifying tourism offerings beyond Manly, Palm Beach and the beaches, and beyond the summer peak, will strengthen the tourism economy. Opportunities include diversifying accommodation offerings, such as eco-accommodation, glamping, nature-based tourism and experiences such as the Coast Walk, and Aboriginal culture-based tourism. Continued amenity, vibrancy and safety improvements in centres, as well as a focus on night-time activities and artistic and cultural offerings, will enhance visitation beyond the coast. A destination management plan for the whole Northern Beaches will guide visitor economy development and growth.

Northern Beaches tourism economy

- Accounts for 13% of the LGA's jobs for young people (three-quarters of workers are under 44).
- Contributes more than \$2.5 billion into the local economy in 2016-17.
- Accounts for 9% of all industry sales.

Manly is the main tourism precinct on the Northern Beaches, voted the best beach in the world by TripAdvisor for the second year in a row and the Manly Ferry is listed as #3 'must do' in Sydney after Sydney Harbour Bridge and Sydney Opera House. Cruise ships also offer full or half-day excursions to Manly. Beyond Manly, tourism offerings are offered through to Palm Beach in the north.

There are many attractions and destinations throughout the LGA, including a new 36-kilometre Coast Walk from Manly to Palm Beach that will connect to one of the world's greatest urban walks – an 80-kilometre walk between Bondi to Manly, a collaborative initiative between three levels of government.

Figure 75

Tourism experience themes - Northern Beaches LGA

World Food Markets, Manly

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coullr

Subject: Highlight

Date: 21/01/2020 11:13:58 AM

Amend text:

77
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:32:35 PM

Endnote 40
- Author: Suzy.Lawrence

Subject: Highlight

Date: 14/02/2020 3:43:57 PM

Amend text:

to the Northern Beaches economy and double the revenue
- Author: coullr

Subject: Highlight

Date: 22/01/2020 1:40:35 PM

Amend text:

(for example,
- Author: coullr

Subject: Highlight

Date: 16/01/2020 4:40:16 PM

Amend text:

35%
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:33:06 PM

Endnote 38
- Author: coullr

Subject: Highlight

Date: 20/01/2020 4:23:55 PM

Amend text:

heritage and Aboriginal
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:35:01 PM

Endnote 39
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:33:29 PM

Amend text box:

\$500 million visitor expenditure into local economy.

...

Endnote 38
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:34:40 PM

Endnote 39
- Author: Suzy.Lawrence

Subject: Highlight

Date: 14/02/2020 3:14:51 PM

Update text:

Australia by TripAdvisor for 2018 and 2019
- Author: coullr

Subject: Highlight

Date: 11/02/2020 3:35:34 PM

Amend text:

are interspersed all the way up to Palm Beach, including Pittwater waterway and Ku-ring-gai National Park.
- Author: coullr

Subject: Sticky Note

Date: 11/02/2020 3:35:46 PM

Replace photo
- Author: Suzy.Lawrence

Subject: Highlight

Date: 14/02/2020 3:44:14 PM

and
- Author: coullr

Subject: Sticky Note

Date: 16/01/2020 4:41:19 PM

Add text:

Local heritage and culture play an important role in tourism, with many historic sites in the area, including Bantry Bay, the Quarantine Station at North Head and Barrenjoey Lighthouse at Barrenjoey Head.

Author: coullr Subject: Highlight Date: 21/01/2020 11:13:55 AM  
Amend text:  
32

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:42:07 PM

---

Amend map:

- New MRA layer
- Add the coast walk
- Add Bondi to Manly walk

Author: coullr Subject: Highlight Date: 22/01/2020 1:41:05 PM  
Amend action:  
within

Author: coullr Subject: Highlight Date: 16/01/2020 4:42:34 PM  
Amend action:  
facilitate delivery of

Author: coullr Subject: Highlight Date: 22/01/2020 1:45:18 PM  
Amend action:  
Delete

Author: coullr Subject: Highlight Date: 22/01/2020 1:46:06 PM  
Fix typo

Author: coullr Subject: Highlight Date: 11/02/2020 3:36:05 PM  
Fix typo

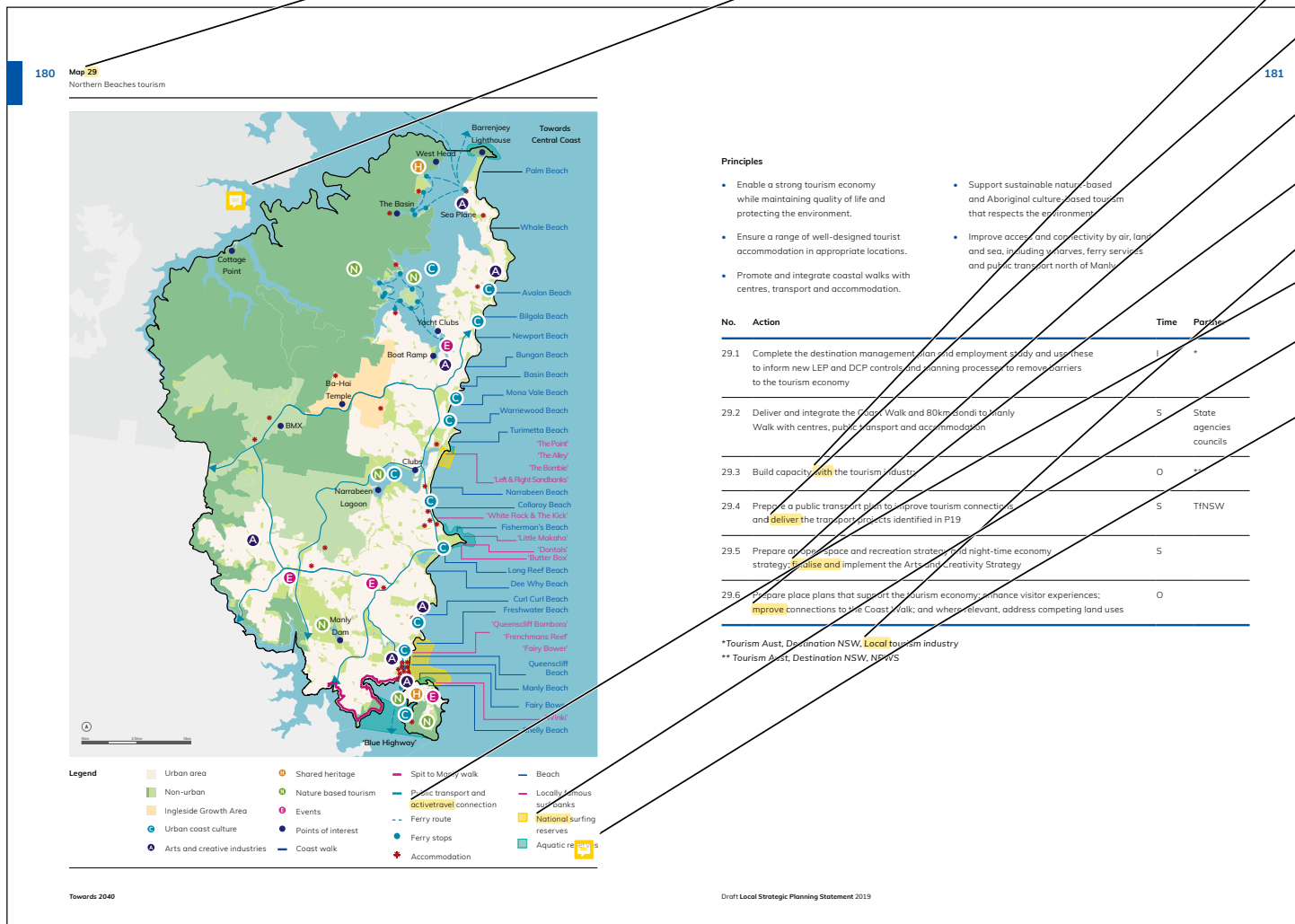
Author: coullr Subject: Highlight Date: 16/01/2020 4:43:13 PM  
Fix typo

Author: coullr Subject: Highlight Date: 22/01/2020 1:46:21 PM

---

Amend map legend:  
Delete 'national'

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:43:34 PM  
Amend map legend:  
- Coast walk



|                                   |                |                    |                              |
|-----------------------------------|----------------|--------------------|------------------------------|
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:13:51 AM |
|                                   | Amend text:    |                    |                              |
|                                   | 79             |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:36:29 PM  |
|                                   | Endnote 41     |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 16/01/2020 4:44:10 PM  |
|                                   | Fix typo       |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:13:48 AM |
|                                   | Amend text:    |                    |                              |
|                                   | 78             |                    |                              |
| <div><div></div><div></div></div> | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:36:48 PM  |
|                                   | Endnote 41     |                    |                              |

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Priority 30

A diverse night-time economy

We define the night-time economy as economic activity between 5pm and 4am. It includes bars, clubs, events and restaurants, as well as services such as transport, supermarkets, childcare, gyms, training and education facilities.

In NSW, the night-time economy had a sales turnover of \$38 billion in 2016-17 based on figures from food, drinks and entertainment business, and employment. It represents 8.5% of the economy in NSW and 26% of employment in Australia overall.

Manly is the only designated late-night entertainment precinct in the LGA.

Suburbs such as Forestville, Brookvale, Narrabeen, Newport, Killarney Heights, **Eleanora** Heights, Freshwater and Fairlight could be investigated for evening activities, while more diverse night-time offerings in places that will grow and change – like Dee Why, Brookvale or Frenchs Forest – is fundamental, especially to support shift workers at Northern Beaches Hospital.

The types of night-time activities are changing – from fast-casual dining, eat streets and pop-up food trucks to events, festivals and late-night shopping, or late-night gyms. Diversified night-time activities also avoid reliance on alcohol-focused businesses and can help to address anti-social behaviour in Manly, Brookvale and Newport.

We will present a night-time economy strategy to promote the economy's sustainable growth while minimising potential land use conflict. This will create flexibility to maximise employment, turnover and tourism benefits while also delivering a safe and vibrant strategic and local centre. It will identify solutions to facilitate entertainment, arts, creative and cultural opportunities in appropriate locations.

The strategy will address safety, late-night transport, noise and light pollution and consider established precincts like Manly, seasonal precincts in the northern end of the peninsula, emerging precincts in areas of transformation such as Dee Why and specialised precincts such as the microbrewery cluster at Brookvale. It will include location-specific solutions that cater for all age groups.

Figure 76

Night-time economy  
- Northern Beaches LGA (2016-17)

| Category                     | Percentage |
|------------------------------|------------|
| Food establishments          | 54%        |
| Entertainment establishments | 41%        |
| Drink-based establishments   | 5%         |

Figure 77

Night-time economy activity

Manly Market Lane

Manly Wharf

Manly Oval

Manly Market Lane

Towards 2040

Draft Local Strategic Planning Statement 2019

- Author: coulr Subject: Highlight Date: 21/01/2020 11:13:43 AM

Amend text:  
33
- Author: coulr Subject: Highlight Date: 16/01/2020 4:44:41 PM

Amend principle:  
activities and locations.
- Author: coulr Subject: Sticky Note Date: 16/01/2020 4:44:52 PM

New principle:  
Foster a diverse live music culture.
- Author: coulr Subject: Highlight Date: 16/01/2020 4:45:02 PM

Change timing:  
S
- Author: coulr Subject: Sticky Note Date: 16/01/2020 4:45:07 PM

Amend map:  
- New MRA layer
- Author: coulr Subject: Highlight Date: 22/01/2020 1:48:55 PM

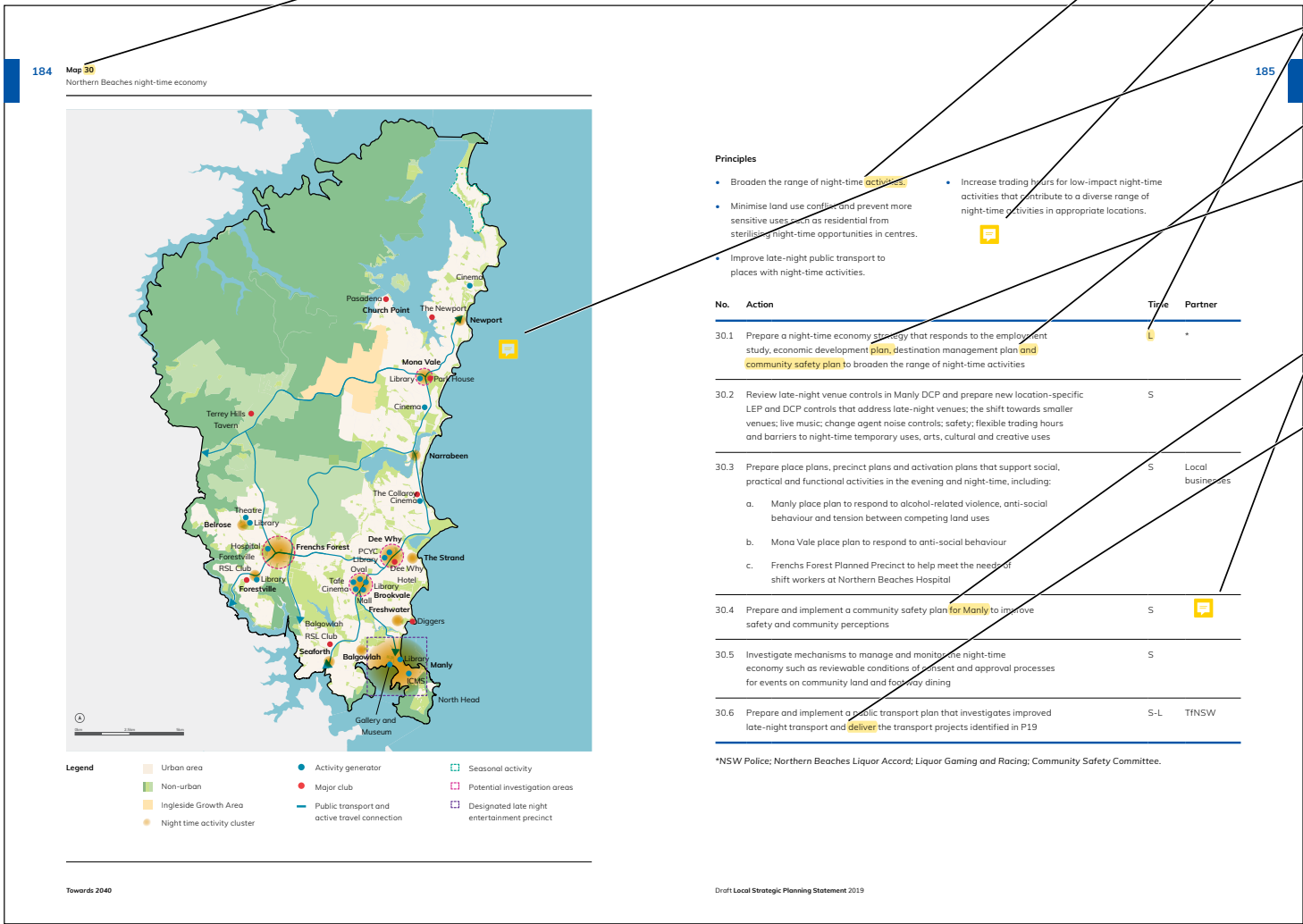
Amend action:  
Delete
- Author: coulr Subject: Highlight Date: 16/01/2020 4:45:23 PM

Amend action:  
plan and
- Author: coulr Subject: Sticky Note Date: 22/01/2020 1:49:16 PM

Amend action:  
Add astrix
- Author: coulr Subject: Highlight Date: 22/01/2020 1:49:30 PM

Amend action:  
Delete
- Author: coulr Subject: Highlight Date: 16/01/2020 4:45:53 PM

Amend action:  
Facilitate delivery of





- Author: coullr Subject: Highlight Date: 21/01/2020 11:13:31 AM

Amend text:  
80
- Author: coullr Subject: Highlight Date: 11/02/2020 3:37:49 PM

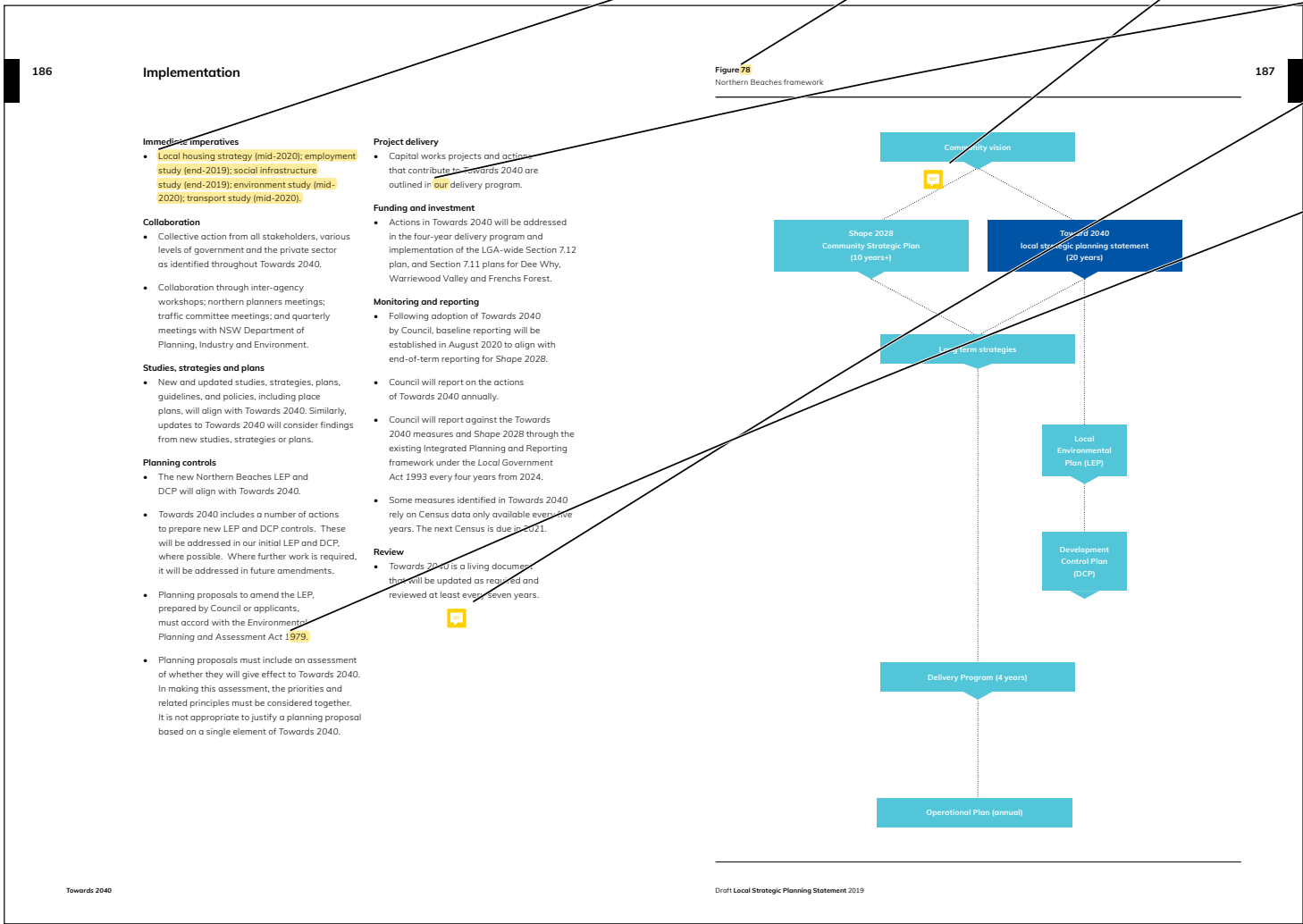
Amend text:  
Delete dates
- Author: coullr Subject: Sticky Note Date: 11/02/2020 3:37:30 PM

Amend infographic:  
  
Figure 80 - Broader policy framework  
.....  
- Replace infographic with new infographic that shows SEPPs and 9.1 directions
- Author: coullr Subject: Highlight Date: 11/02/2020 3:38:06 PM

Amend text:  
the
- Author: coullr Subject: Sticky Note Date: 14/02/2020 3:15:47 PM

New text:  
Community engagement  
The new Community Participation Plan sets out how the community can participate in the planning system, including future revisions to *Towards 2040*.
- Author: coullr Subject: Highlight Date: 16/01/2020 4:46:51 PM

Amend text:  
1979, including applicable Ministerial Directions (s9.1 directions).



Author: coullr Subject: Sticky Note Date: 16/01/2020 4:47:26 PM

Add theme headers:

- Sustainability (green section)
- Infrastructure and collaboration (light blue section)
- Liveability (red section)
- Productivity (dark blue section)

Author: coullr Subject: Highlight Date: 16/01/2020 4:47:35 PM

Amend text:

Area (MRA) and future MRA investigation area

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:47:45 PM

New measure:

Monitor job distribution by type

Author: coullr Subject: Highlight Date: 16/01/2020 4:47:53 PM

Amend text:

13,300

 Author: coullr Subject: Highlight Date: 16/01/2020 4:48:03 PM

Amend text:

5,000-6,000

Author: coullr Subject: Sticky Note Date: 16/01/2020 4:48:18 PM

New measures:

- Monitor the number of hot days (>35 degrees)\*

- Monitor urban heat\*

Measures

| Direction                                                                                         | Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Landscape    | <ul style="list-style-type: none"> <li>Maintain or improve waterway health</li> <li>Maintain area of native vegetation on public and private land*</li> <li>Maintain the Metropolitan Rural <b>2020</b></li> <li>Increase the urban tree canopy*</li> <li>Trees planted public land:               <ul style="list-style-type: none"> <li>target 5,000 per year</li> </ul> </li> <li>Increase % of dwellings with access to open space**               <ul style="list-style-type: none"> <li>target low-medium density dwellings within 400m of open space and high-density dwellings within 200m of open space</li> </ul> </li> <li>Increase availability of sports fields, including out of school hours</li> </ul> |
| <br>Efficiency | <ul style="list-style-type: none"> <li>Reduce carbon emissions for electricity, transport, waste and gas</li> <li>Reduce drinking water use per person</li> <li>Increase diversion of waste from landfill:               <ul style="list-style-type: none"> <li>target 85% diversion by 2040</li> </ul> </li> <li>Reduce waste generation rate per person</li> </ul>                                                                                                                                                                                                                                                                                                                                                   |
| <br>Resilience | <ul style="list-style-type: none"> <li>Increase actions implemented to address natural hazards</li> <li>Maintain or increase resident satisfaction with management of local flooding</li> <li>Maintain regional air quality*</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

| Direction                                                                                                             | Measure                                                                                                                                                                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Infrastructure and collaboration | <ul style="list-style-type: none"> <li>Increase % of dwellings within 30-minutes by public transport to a metropolitan or strategic centre*</li> <li>Maintain or increase resident satisfaction with lobbying on behalf of the community</li> </ul> |

| Direction                                                                                           | Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>People         | <ul style="list-style-type: none"> <li>Increase the number of people participating in tertiary education</li> <li>Increase resident satisfaction with:               <ul style="list-style-type: none"> <li>provision of childcare services</li> <li>facilities and services for youth</li> <li>facilities and services for older people</li> <li>facilities and services for people with disabilities</li> <li>community centres</li> </ul> </li> <li>Increase the number of public facilities and assets that are accessible</li> <li>Increase community pride and connectedness:               <ul style="list-style-type: none"> <li>community belonging</li> <li>people to call on for assistance</li> <li>quality of life living on the Northern Beaches</li> </ul> </li> <li>Increase resident satisfaction with:               <ul style="list-style-type: none"> <li>arts and cultural facilities</li> <li>community events and festivals</li> </ul> </li> </ul> |
| <br>Housing      | <ul style="list-style-type: none"> <li>Increase the number of dwellings:               <ul style="list-style-type: none"> <li>target 3,400 additional dwellings by 2021 (medium and long term targets to be developed in the local housing strategy)</li> <li>target 4,360 additional dwellings in Frenchs Forest by 2038</li> </ul> </li> <li>Increase the diversity of new housing</li> <li>Increase social housing and affordable rental housing:               <ul style="list-style-type: none"> <li>target 10% affordable rental housing in planning proposals</li> </ul> </li> </ul>                                                                                                                                                                                                                                                                                                                                                                               |
| <br>Great places | <ul style="list-style-type: none"> <li>Increase resident satisfaction with keeping town centres and villages vibrant</li> <li>Increase the number of heritage items and conservation areas</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

| Direction                                                                                              | Measure                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <br>Connectivity    | <ul style="list-style-type: none"> <li>Increase active and public transport patronage:               <ul style="list-style-type: none"> <li>target 25% public transport by 2038</li> <li>target double active travel trips by 2038</li> </ul> </li> <li>Increase % of dwellings within 200m of a public transport stop, with a scheduled service at least every 15 minutes between 7am and 7pm on a normal weekday</li> <li>Reduce the proportion of space allocated to private vehicles in strategic centres</li> </ul>                                                     |
| <br>Jobs and skills | <ul style="list-style-type: none"> <li>Increase gross regional product</li> <li>Increase or maintain job containment</li> <li>Increase the number of businesses</li> <li>Increase the number of jobs:               <ul style="list-style-type: none"> <li>target <b>12,000-13,000</b> jobs in Frenchs Forest by 2038</li> <li>target 23,000-27,000 jobs in Brookvale-Dee Why by 2038</li> <li>target 6,000-8,500 jobs in Murrumbidgee by 2038</li> <li>target <b>700-1,700</b> jobs in Murrumbidgee by 2038</li> </ul> </li> <li>Maintain zoned employment lands</li> </ul> |

\*NSW Government data

Towards 2040

Draft Local Strategic Planning Statement 2019

Author: coulr Subject: Sticky Note Date: 13/02/2020 1:53:06 PM  
New terms:  
**Demand management** is systems, processes and activities that are aimed at efficiently allocating available capacity to meet demand including by influencing customers' choices about when, where and how they travel.  
...  
Endnote 28

**Smart city** is a concept for a city that incorporates information and communication technologies (ICT) to enhance services such as energy, transport and utilities and improve sustainability.

**Standard Instrument LEP** is prescribed by the *Standard Instrument (Local Environmental Plan) Order 2006*, which aims to achieve a common format and content for all LEPs across NSW.

**Circular economy** is an alternative to a traditional linear economy (make, use, dispose) in which we keep resources in use for as long as possible, extract the maximum value from them whilst in use, then recover and regenerate products and materials at the end of each service life.

**Ped shed** is short for pedestrian shed, a method used to determine the walkability of neighbourhoods by measuring the actual distance walked, not the straight line distance

**Place-based infrastructure compact** is a strategic planning model that looks holistically at a place to better align growth the provision of infrastructure and services.

**Interment** means the placement of human remains in the earth or in a mausoleum, crypt, vault, columbarium, niche wall or other structure designed for the placement of such remains. The term 'interment' applies to both cremated and uncremated remains.

**LiDAR** (Light Detection and Ranging) is an aerial surveying method that measures distance to a target by illuminating the target with laser light and measuring the reflected light with a sensor.

**Implied dwelling requirement** is a measure of likely housing demand based on projected population growth and household information. This differs from market housing demand which relates to willingness/ability to buy or rent in the housing market.

- Author: coulr Subject: Cross-Out Date: 22/01/2020 1:50:44 PM  
Amend text:  
Delete
- Author: coulr Subject: Highlight Date: 22/01/2020 1:51:04 PM  
Amend text:  
neighbourhood centre
- Author: coulr Subject: Highlight Date: 22/01/2020 1:51:16 PM  
Amend text:  
(for example,
- Author: coulr Subject: Highlight Date: 16/01/2020 4:49:58 PM  
Amend text:  
Phase One is a planned precinct.
- Author: coulr Subject: Highlight Date: 16/01/2020 4:51:03 PM  
Amend text:  
Employment precincts (or hubs)

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        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                                                                   |
| <p><b>30-minute city</b> is a planning concept for a city in which people can easily access the places they need to visit on a daily basis within 30 minutes travel (by public transport, walking or cycling) from where they live.</p> <p><b>Active travel (transport)</b> means trips by physical active means, like walking and cycling and other non-motorised vehicles.</p> <p><b>Biodiversity offsets</b> compensate for how development impacts biodiversity through the Biodiversity Offset Scheme.</p> <p><b>Biodiversity stewardship sites</b> (formerly known as biobanking) enable biodiversity credits to be traded and used as an offset against the impact of proposed development on biodiversity values.</p> <p><b>Building Sustainability Index (BASIX)</b> is a NSW Government scheme to regulate the energy and water efficiency of residential buildings.</p> <p><b>Broad centre catchments</b> are aggregations of ABS Statistical Areas Level 2 and have been used for reporting data in the demographic analysis.</p> <p><b>Community hubs</b> support co-location of a range of community facilities and services in a single location (e.g. social services, community centres, libraries, recreational opportunities, customer service).</p> <p><b>Community participation plan</b> will make it clearer and easier for members of the community to understand how they can participate in planning decisions and addresses requirements for community participation that are set out in the EP&amp;A Act.</p> <p><b>Co-working spaces</b> are shared workplaces that are used by professionals working in different knowledge related industries, often freelance and self-employed workers.</p> <p><b>Development Control Plan (DCP)</b> contains detailed planning and design controls that support the planning controls in a local environmental plan.</p> <p><b>Economic corridor</b> includes multi-LGA precincts with a high concentration of jobs, creating multiple centres.</p> <p><b>Employment precincts</b> are areas where jobs are located, including centres, industrial precincts and business parks.</p> | <p><b>Employment lands</b> are lands zoned for industrial, business or similar purposes in planning instruments. For the Northern Beaches, they include the following land use zones: IN1 General Industrial, IN2 Light Industrial, IN4 Working Waterfront, B5 Business Development, B6 Enterprise Corridor, B7 Business Park.</p> <p><b>Environmental Planning and Assessment Act 1979 (EP&amp;A Act)</b> institutes the system of environmental planning and assessment for NSW.</p> <p><b>Freight hub</b> is where deliveries can be consolidated for subsequent delivery into a centre either by foot or appropriate smaller vehicle to reduce the number of vehicles travelling into centres.</p> <p><b>Freight</b> includes goods or cargo transported by truck, light commercial vehicles (eg. vans and utes), cycle couriers, rail, aircraft or ship.</p> <p><b>Growth infrastructure compact</b> is a new approach to an infrastructure delivery plan that is co-designed and co-delivered by State and local governments together with industry to better align growth with infrastructure delivery.</p> <p><b>Green Star</b> is an internationally recognised sustainability rating system, which provides independent verification of sustainable outcomes throughout the life cycle of the built environment.</p> <p><b>Health and education precincts</b> can form parts of centres and include major hospitals, universities and medical research institutions, and connect the community to health and education services. Northern Beaches contains a health and education precinct at Frenchs Forest.</p> <p><b>Hop Skip and Jump Bus service</b> is a free community bus service that operates in Manly.</p> <p><b>Local centres</b> (also referred to as coastal and forest villages) provide day-to-day access to goods and services. Northern Beaches contains nine local centres - Avalon, Newport, Warriewood, Narrabeen, Bulwer, Forestville, Manly, Hale, Balgowlah and Freshwater.</p> <p><b>Local environmental plan (LEP)</b> guides planning decisions at the local level through zoning and development controls, which provide a framework for the way land can be used.</p> | <p><b>Local government area (LGA)</b> is the Northern Beaches Council administrative boundary.</p> <p><b>Low-carbon, high efficiency precinct</b> focuses on reducing the carbon footprint through integrating energy, water, waste, transport and building efficiency, drawing on the National Carbon Offset Standard for Precincts.</p> <p><b>Low Rise Medium Density Housing Code</b> allows dual occupancies, manor houses and terraces to be carried out under a complying development approval if the proposal complies with all the relevant requirements in the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008.</p> <p><b>Metropolitan Local Aboriginal Land Council (MLALC)</b> was established to support the Aboriginal Land Rights Act 1983 to improve, protect and foster the best interests of all Aboriginal people within the MLALC area and other people who are members of the MLALC.</p> <p><b>Neighbourhood centres</b> are small clusters of shops and services. They are often a strip of shops larger than a small <b>neighbourhood</b> and smaller than a local centre.</p> <p><b>Planned precincts</b> are a collaborative planning process between the NSW Government and councils to coordinate jobs, housing and infrastructure. Frenchs Forest is a <b>planned precinct</b>.</p> <p><b>Planning proposals</b> are a request or intended effect of a proposed LEP or an amendment to an existing LEP.</p> <p><b>Public domain</b> includes places accessible to the public, either on public or private land, and includes open space, pedestrian access ways and features including building frontages and pavements over footpaths.</p> <p><b>Section 7.11 Plan</b> allows Council to levy a contribution for development under the EP&amp;A Act that increases demand for public amenities and services to fund the provision of new or augmented public infrastructure.</p> |

|                                                                                       |                                                                                                                                                                                                                                                                                                                                                                 |                      |                              |
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|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:26 AM |
|                                                                                       | Amend text:<br>2018h                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Sticky Note | Date: 16/01/2020 4:52:54 PM  |
|                                                                                       | Add references:<br>Cemeteries and Crematoria NSW (2015) Strategic Plan 2015-2020.<br><br>Cemeteries and Crematoria NSW (2017) Metropolitan Sydney Cemetery Capacity Report.<br><br>Greater Sydney Commission (2019) The Pulse of Greater Sydney.<br><br>Tourism Research Australia (2019) International Visitor Survey (IVS) and National Visitor Survey (NVS). |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 11/02/2020 3:40:30 PM  |
|                                                                                       | Amend text:<br>2018a                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|    | Author: Suzy.Lawrence                                                                                                                                                                                                                                                                                                                                           | Subject: Highlight   | Date: 14/02/2020 3:16:15 PM  |
|                                                                                       | Bush Fire                                                                                                                                                                                                                                                                                                                                                       |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 22/01/2020 1:51:36 PM  |
|                                                                                       | Amend text:<br>(2019g)                                                                                                                                                                                                                                                                                                                                          |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 16/01/2020 4:52:05 PM  |
|                                                                                       | Amend text:<br>Connected through Creativity 2029.                                                                                                                                                                                                                                                                                                               |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:22 AM |
|                                                                                       | Amend text:<br>2018a                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 11/02/2020 3:41:00 PM  |
|                                                                                       | Amend text:<br>2018b                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|    | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:18 AM |
|                                                                                       | Amend text:<br>2018b                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:14 AM |
|                                                                                       | Amend text:<br>2018c                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:10 AM |
|                                                                                       | Amend text:<br>2018d                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Cross-Out   | Date: 22/01/2020 1:51:52 PM  |
|                                                                                       | Amend text:<br>Delete                                                                                                                                                                                                                                                                                                                                           |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:04 AM |
|                                                                                       | Amend text:<br>2018e                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:13:00 AM |
|                                                                                       | Amend text:<br>2018f                                                                                                                                                                                                                                                                                                                                            |                      |                              |
|  | Author: coullr                                                                                                                                                                                                                                                                                                                                                  | Subject: Highlight   | Date: 21/01/2020 11:12:55 AM |
|                                                                                       | Amend text:<br>2018g                                                                                                                                                                                                                                                                                                                                            |                      |                              |

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|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|
| 192                                                                                                                                   | References                                                                                                     | 193                                                                                                                       |
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| Towards 2040                                                                                                                          |                                                                                                                | Draft Local Strategic Planning Statement 2019                                                                             |



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Endnotes

All statistics in this report are from SGS Economics and Planning (2019) Northern Beaches Demographic Analysis, unless otherwise referenced.

<sup>1</sup> Adapted from Greater Sydney Commission (2018b)

<sup>2</sup> Adapted from SGS Economics and Planning (2019c)

<sup>3</sup> Economy .ID (2019b)

<sup>4</sup> NSW Office of Environment and Heritage and NSW Environment Protection Authority (2017)

<sup>5</sup> Jointly prepared by Northern Beaches Council and the Environment, Energy and Science Group of DPIE, supported by the NSW Government as part of the Marine Estate Management Strategy (2018-2028) water quality initiative

<sup>6</sup> Adapted from Government Architect NSW (2017d)

<sup>7</sup> Jointly prepared with Meridian Urban (2019)

<sup>8</sup> Spatial data from Council's Geographical Information System and demographic data from Australian Bureau of Statistics (2016) Census for statistical areas that generally align with the **NCA**

<sup>9</sup> Adapted from Trees in the Townscape: A Guide for Decision Makers, referenced in Government Architect NSW (2018c)

<sup>10</sup> Taha, H (1997)

<sup>11</sup> NSW Office of Environment and Heritage (2016)

<sup>12</sup> Adapted from Ethos Urban and Otium Planning Group (2019)

<sup>13</sup> Kinesis (2018)

<sup>14</sup> Resilient Sydney (2018)

<sup>15</sup> Phillips KPA (2019)

<sup>16</sup> Sydney North Primary Health Network (2018)

<sup>17</sup> Macquarie Heritage Office (2019)

<sup>18</sup> Northern Beaches Council (2018a) Australian Council of the Arts – based on Mockell's and Warringah electoral data (includes data from Mosman)

<sup>19</sup> Adapted from Department of Planning and Environment (2019)

<sup>20</sup> Northern Beaches Council (2018g)

<sup>21</sup> Transport for NSW (2019)

<sup>22</sup> Adapted from Roads and Maritime Services (2019)

<sup>23</sup> Adapted from SGS Economics and Planning (2019a)

<sup>24</sup> Northern Beaches Council (2018f)

<sup>25</sup> Go GC (2018)

<sup>26</sup> Transport for NSW (2018)

<sup>27</sup> Adapted from Transport for NSW (2018)

<sup>28</sup> Adapted from Roads and Maritime Services (2018)

<sup>29</sup> Economy .ID (2019a)

<sup>30</sup> Adapted from SGS Economics and Planning (2019c)

<sup>31</sup> Department of Planning, Industry and Environment (2018)

<sup>32</sup> Economy .ID (2019b)

<sup>33</sup> SGS Economics and Planning (2018)

<sup>34</sup> Economy .ID (2019c)

<sup>35</sup> Adapted from Northern Beaches Council (2019d)

<sup>36</sup> Council of Capital City Lord Mayors (2016-17)

\*Images within P2 credits: B. Fallowfield, E. Griffin, K. King, J. Taylor, and K. Watson

Draft Local Strategic Planning Statement 2019

|                                                         |                |                    |                              |
|---------------------------------------------------------|----------------|--------------------|------------------------------|
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:45:44 PM  |
| Amend text:<br>22                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:12:45 AM |
| Amend text:<br>2019g                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:46:26 PM  |
| Amend text:<br>23                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 16/01/2020 4:52:38 PM  |
| Amend text:<br>Note: workforce data based on Australian |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:39:37 PM  |
| Amend text:<br>2019a                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:48:02 PM  |
| Amend text:<br>24                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:39:54 PM  |
| Amend text:<br>2019b                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:12:38 AM |
| Amend text:<br>2018f                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:49:02 PM  |
| Amend text:<br>25                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:49:36 PM  |
| Amend text:<br>26                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:50:29 PM  |
| Amend text:<br>27. Roads and Maritime Services (2019a)  |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:51:21 PM  |
| Amend text:<br>29                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 21/01/2020 11:12:21 AM |
| Amend text:<br>2018e                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:52:21 PM  |
| Amend text:<br>30                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:52:39 PM  |
| Amend text:<br>31                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:59:01 PM  |
| Amend text:<br>28                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:54:42 PM  |
| Amend text:<br>32                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:55:54 PM  |
| Amend text:<br>33                                       |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:55:36 PM  |
| Amend text:<br>2019b                                    |                |                    |                              |
|                                                         | Author: coullr | Subject: Highlight | Date: 11/02/2020 3:52:00 PM  |
| Add text:<br>MRA and future MRA investigation area      |                |                    |                              |



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SGS Economics and Planning (2019a) Northern Beaches Demographic Analysis.

SGS Economics and Planning (2019b) Northern Beaches Employment Study – Background Report.

SGS Economics and Planning (2019c) Northern Beaches Local Housing Strategy - Housing Issues and Opportunities Paper.

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Endnotes

All statistics in this report are from SGS Economics and Planning (2019) Northern Beaches Demographic Analysis, unless otherwise referenced.

1

Adapted from Greater Sydney Commission (2018b)

2

Adapted from SGS Economics and Planning (2019c)

3

Economy .ID (2019b)

4

NSW Office of Environment and Heritage and NSW Environment Protection Authority (2017)

5

Jointly prepared by Northern Beaches Council and the Environment, Energy and Science Group of DPIE, supported by the NSW Government as part of the Marine Estate Management Strategy (2018-2028) water quality initiative

6

Adapted from Government Architect NSW (2017d)

7

Jointly prepared with Meridian Urban (2019)

8

Spatial data from Council's Geographical Information System and demographic data from Australian Bureau of Statistics (2016) Census for statistical areas that generally align with the MRA

9

Adapted from Trees in the Townscape: A Guide for Decision Makers, referenced in Government Architect NSW (2018c)

10

Taha, H (1997)

11

NSW Office of Environment and Heritage (2016)

12

Adapted from Ethos Urban and Otium Planning Group (2019)

13

Kinesis (2018)

14

Resilient Sydney (2018)

15

Phillips KPA (2019)

16

Sydney North Primary Health Network (2018)

17

Aboriginal Heritage Office (2019)

18

Northern Beaches Council (2018a) Australian Council for the Arts – based on Mackellar and Warringah electoral data (includes data from Mosman)

19

Adapted from Department of Planning and Environment (2019)

20

Northern Beaches Council (2018g)

21

Transport for NSW (2019)

22

Adapted from Roads and Maritime Services (2019)

23

Adapted from SGS Economics and Planning (2019a)

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Northern Beaches Council (2018f)

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Go Get (2018)

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Adapted from Transport for NSW (2018)

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SGS Economics and Planning (2018)

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Adapted from Northern Beaches Council (2019d)

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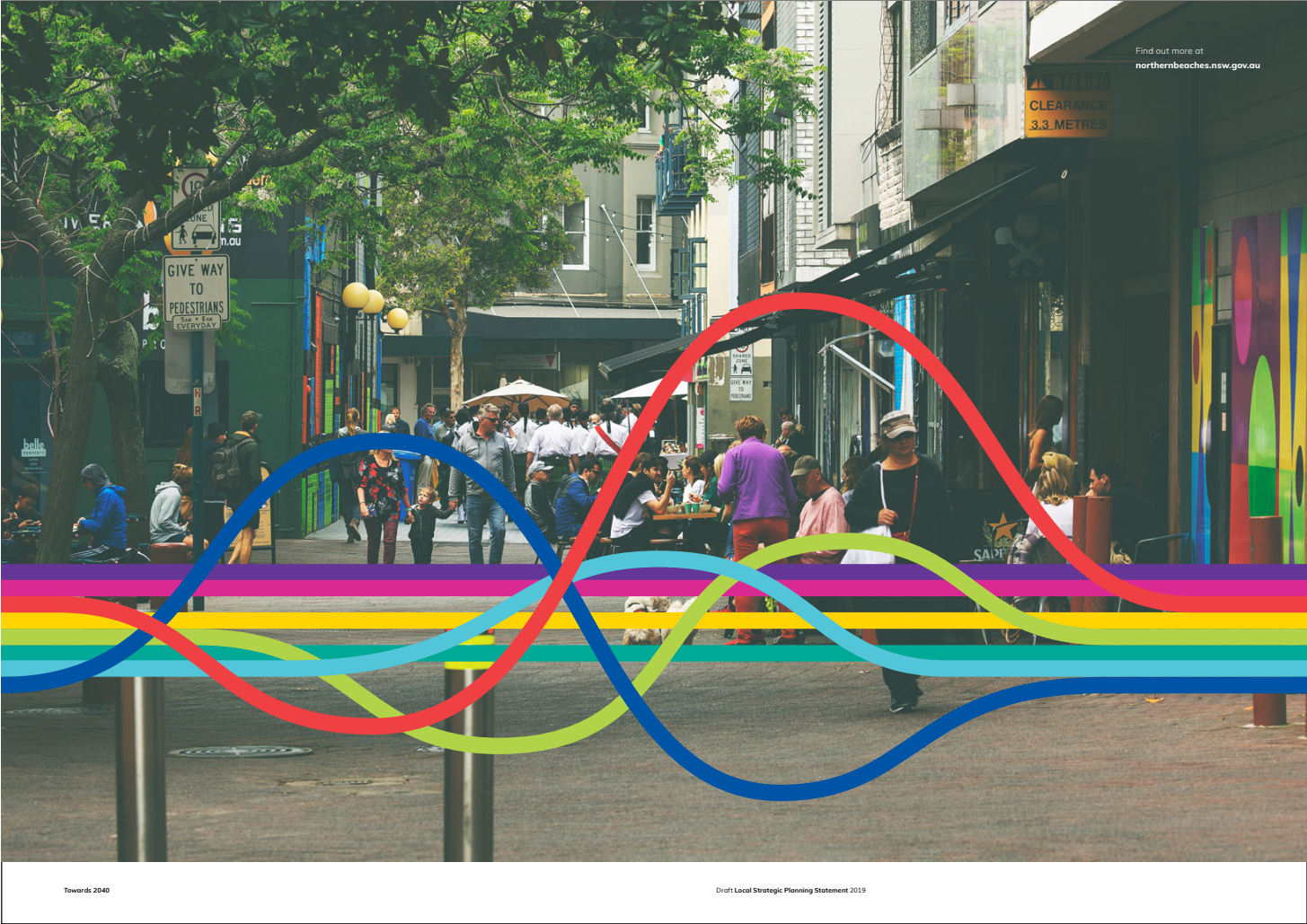
100

Adapted from Roads and Maritime Services (2019)

Towards 2040

Draft Local Strategic Planning Statement 2019

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