



Page: 1

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 Author: coulr Update date: February 2020	Subject: Highlight	Date: 16/01/2020 1:49:48 PM



Towards 2040

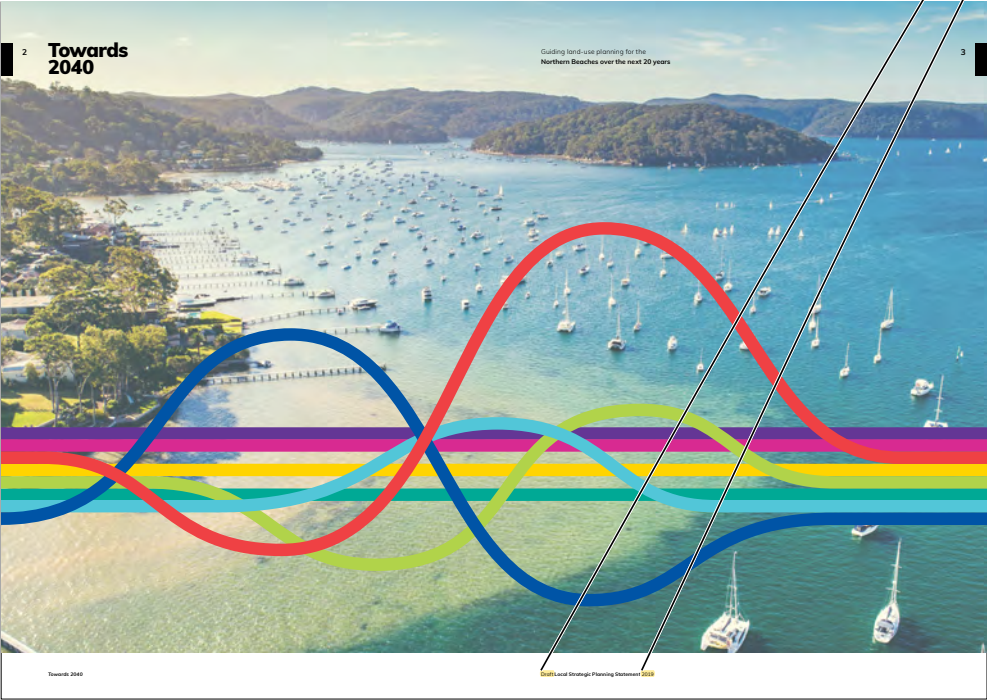
Draft Local Strategic Planning Statement

A 20 year land-use vision for
the Northern Beaches

September 2019



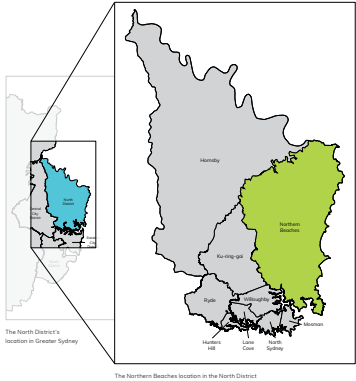
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Disclaimer










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 consequences 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 Beaches¹






Curl Curl



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Improve legibility:
Insert theme header 'Infrastructure and collaboration'
-  Author: SuzyLawrence Subject: Highlight Date: 22/01/2020 11:03:16 AM
Improve legibility:
Insert theme header 'Productivity'
-  Author: SuzyLawrence 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
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-  Author: SuzyLawrence 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
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-  Author: SuzyLawrence Subject: Highlight Date: 23/03/2020 2:05:46 PM
Amend P17 title:
local character, lifestyle and demographic changes
-  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

6	Content	7
Mayer's Message	9	Infrastructure and collaboration
About Towards 2040	10	Priority 9
How to read this plan	12	Infrastructure delivered with transport and housing growth
Strategic context	14	People
Future of the Northern Beaches	21	Priority 10
Managing growth and change	32	World class education facilities, including a university
Landscape	36	Priority 11
Priority 1	37	Healthy and valued coast and waterways
Priority 2	46	Protected and enhanced bushland and biodiversity
Priority 3	52	Protected scenic and cultural landscapes
Priority 4	56	Protected Metropolitan Rural Area
Priority 5	62	Green urban environments
Priority 6	66	High quality open space for recreation
Efficiency	70	Priority 16
Priority 7	71	A low carbon community, with high energy, water and waste efficiency
Resilience	78	Priority 17
Priority 8	79	Adapted to the impacts of natural hazards and climate change
		Great places
		Priority 18
		Protected, conserved and celebrated heritage
		Connectivity
		Priority 19
		Frequent and efficient regional public transport connections
		Priority 20
		Sustainable transport networks
		Priority 21
		Road space and facilities to match changing community needs
		Job and skills
		Priority 22
		Jobs that match the skills and needs of the community
		Priority 23
		Friends Forest as a sustainable health and education precinct
		Priority 24
		Brookvale Employment and Innovation Centre
		Priority 25
		Opportunity as a thriving metropolitan centre by the sea
		Priority 26
		Merry 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



	Author: coulr Delete 'draft'	Subject: Highlight	Date: 22/01/2020 11:08:47 AM
	Author: SuzyLawrence Fix spacing	Subject: Highlight	Date: 14/02/2020 3:37:47 PM
	Author: coulr Add text:	Subject: Sticky Note	Date: 16/01/2020 1:43:26 PM

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 2030 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, Shaping 2028, 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 Ryan

Michael Regan
Mayor

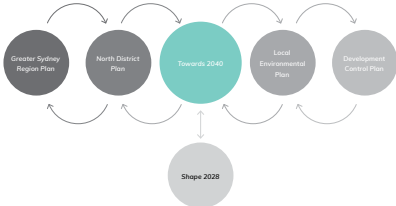
We acknowledge the traditional owners of this land and elders past and present. We recognise Aboriginal people as the original custodians of the Northern Beaches.

10

About Towards 2040
Towards 2040 is Northern Beaches Council's local strategic planning statement. It guides land use planning for the Northern Beaches over the next 20 years.

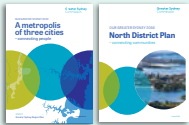
- Towards 2040 has been prepared in accordance with the requirements of Section 3.9 of the Environmental Planning and Assessment Act 1979. It will inform the development of Council's new Local Environmental Plan (LEP) and Development Control Plan (DCP), broader Council policies and strategies, and the assessment of planning proposals for changes to Council's planning controls.
- Towards 2040 reflects local values and aspirations, building on the 10-year vision set out in the Community Strategic Plan. Shape 2028: it applies to the whole Northern Beaches Local Government Area (LGA).
- Towards 2040 includes:
- a 20-year vision
 - planning priorities that guide local land use planning
 - principles that underpin planning priorities and actions
 - actions we will take to help achieve the priorities
 - measures of success and an implementation program to determine whether priorities have been achieved.
- Towards 2040 aligns with the North District Plan and Greater Sydney Region Plan and acts as the bridge between strategic land use planning at the district level and local statutory planning. Towards 2040 will be reviewed and updated at least every seven years.
- While Towards 2040 is a 20-year plan it draws on data projections from the 2016 ABS Census, which are to 2036 only.

Figure 2
Strategic planning framework



Towards 2040

How we developed Towards 2040



The strategic plans that guide the direction for Greater Sydney and the North District



Community engagement including surveys, strategic reference group workshops and focus groups

Draft Local Strategic Planning Statement 2019

11



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, livability 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.

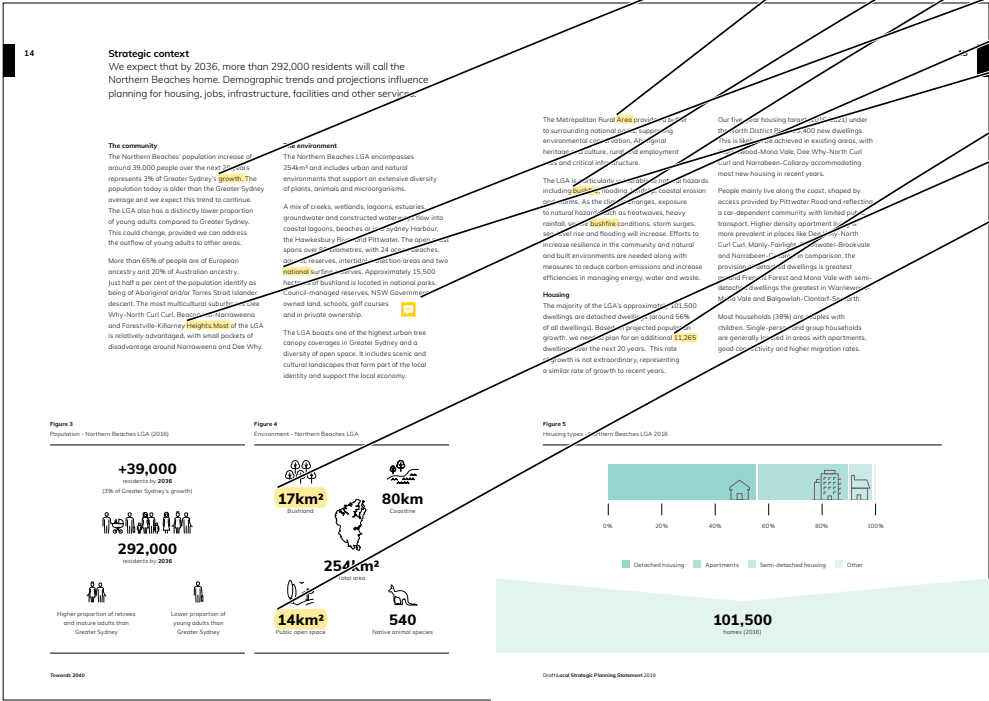
Towards 2040

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+ year
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	Heritage - the Department of Planning, Infrastructure and Environment		
DPC	Department of Planning, Infrastructure and Environment		
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		
TNSW	Transport for NSW		

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Figure 6
Household composition
- Northern Beaches LGA 2016

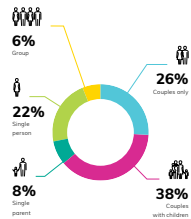
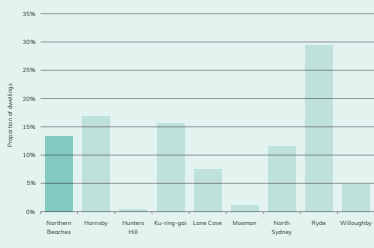


Figure 7
Housing target and estimated demand
- Northern Beaches LGA¹



Figure 8
Four-year housing targets (2016-21) by LGA - proportion of North District target¹



Towards 2040

Centres and places

Under the North District Plan, the LGA contains four strategic centres: Brookvale, Dee Why, Mona Vale, Manly and Frenchs Forest. Brookvale and Dee Why each has distinct characteristics and function as separate, yet complementary places. We identify them as separate centres in Towards 2040.

Mona Vale serves people in the northern end of the peninsula. With mainly low density development, it is well connected to the south via the B-Line, although access to and from other areas in the north and west is limited.

Manly is the most compact centre, with the highest concentration of social infrastructure, and good connections to the Sydney CBD via ferry. Access to other lower Northern Beaches suburbs is limited.

Frenchs Forest will transition to a health and education precinct as the Frenchs Forest Hospital Structure Plan is implemented.

The LGA also includes nine local centres - Avalon, Newport, Warriewood, Narrabeen, Balmain, Forestville, Manly Vale, Balgowlagh and Freshwater - along with neighbourhood or smaller neighbourhood centres such as Seaforth, Narrabeen, Balgowlagh, Collaroy, Albion Heights and Palm Beach.

Glen Street Theatre



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18 **Figure 9**
Northern Beaches strategic
centres context



- Frenchs Forest**
 - Undergoing transformation with Northern Beaches Hospital.
 - Future housing and jobs growth.
 - 9,000+ jobs.
 - Particularly high car use.
 - Highest number of workers coming in from outside LGA.
 - High proportion of knowledge-intensive workers.
- Brookvale**
 - Employment based centre comprising a mix of industrial, retail and business.
 - Most accessible centre in the LGA (based on people who can get to it in 30 minutes by public transport).
 - 20,000+ jobs (including Dee Why).
 - Largest employment precinct – one third of LGA's jobs.
- Dee Why**
 - Mixed centre comprising business, community and residential uses with a focus on civic functions.
 - Largest concentration of high density living, accommodating much of the LGA's recent housing growth.
- Manly**
 - Mixed centre comprising cultural, tourism, retail, entertainment, residential and employment uses.
 - Higher density housing, more compact and less car dependent.
 - Younger population base – mostly working age.
 - High proportion of knowledge-intensive workers and jobs, accommodating much of the LGA's recent job growth.
 - 5,000+ jobs.
- Mona Vale**
 - Employment and service centre for people living in the north of the LGA.
 - 4,000+ jobs.
 - Local coastal character with village atmosphere.
 - High number of people with alternative working arrangements.
 - A higher proportion of older people.
 - Particularly high car use.

The economy

The Northern Beaches economy has an estimated value of \$16.3 billion, representing 2.9% of Gross State Product. It is the sixth-largest regional economy in NSW*. Most of the LGA's 82,700 jobs are in the strategic centres of Manly, Brookvale, Dee Why, Frenchs Forest and Mona Vale. Brookvale-Dee Why is the largest employment hub in the LGA, with a mix of industry types.

Just over half of Northern Beaches residents work locally (self-containment) and more than three-quarters of local jobs are filled by people living in the LGA (self-sufficiency). However, a growing gap between job types and local skills may see more people travelling in and out of the LGA for work.

Most of the LGA's jobs are in the knowledge-intensive and population-serving sectors, and the most common occupations of local residents are in the professionals and managers categories. Beacon Hill-Narrabeena and Dee Why-North Curl Curl have higher ratios of industrial workers whereas suburbs with major retail outlets like Warriewood-Mona Vale and Freshwater-Brookvale have higher numbers of retail workers.

Two-thirds of residents travel to work by car and only a fifth travel by public transport. Five per cent ride or walk to work.

Figure 10
Economy – Northern Beaches LGA 2016



Figure 11
Jobs by industry
– Northern Beaches LGA, 2016

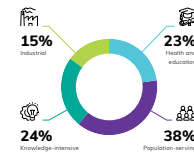
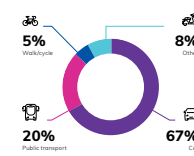


Figure 12
Journey to work by mode of transport
– Northern Beaches LGA, 2016



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20 **Figure 13**
Skills of local workforce
- Northern Beaches LGA 2016

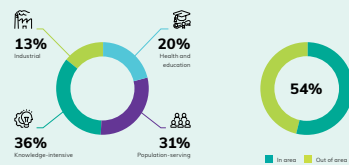


Figure 14
Employment self-containment
- Northern Beaches LGA 2016

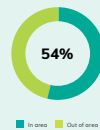


Figure 15
Employment self-containment
- Northern Beaches Strategic centres 2016

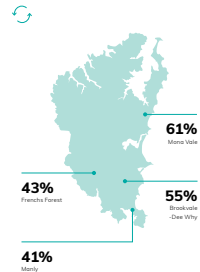


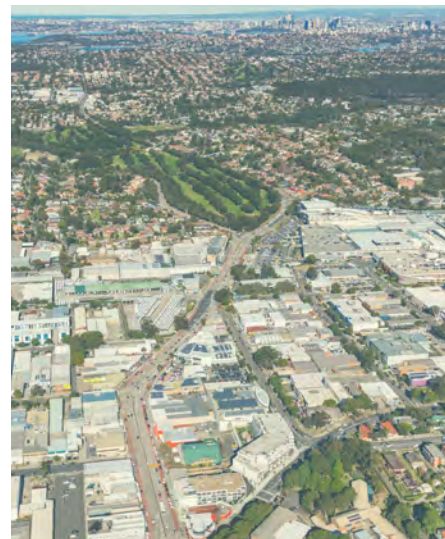
Figure 16
Snapshot - key planning
challenges for the Northern Beaches



Towards 2040

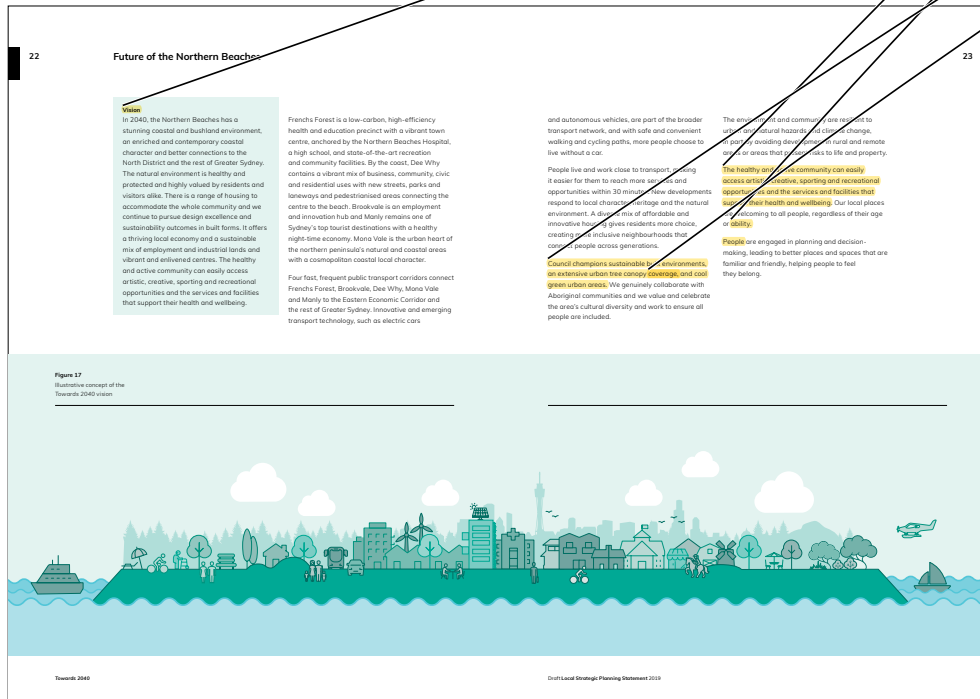
21

Brookvale



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Author: coulr 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: coulr 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

24 Map 1 Northern Beaches structure plan



Towards 2040

Map 1 Legend

Urban area	Coast walk	Employment hub
Inglewood Growth Area	Board to Mona Vale	Existing housing capacity
National park	Ferry routes	Identified future housing supply
Major public parks and recreation	Ferry stop	
Metropolitan Rural Area (MRA)	Public transport and active travel connection	Regional community facilities
Strategic centre	Beaches Link Tunnel investigation area	Education
Health and education precinct	Key transport corridor	Sports and recreation
Local centre	Future transport corridor	Arts/cultural/community
Coastal village		Primary medical facility
		Supporting medical facility

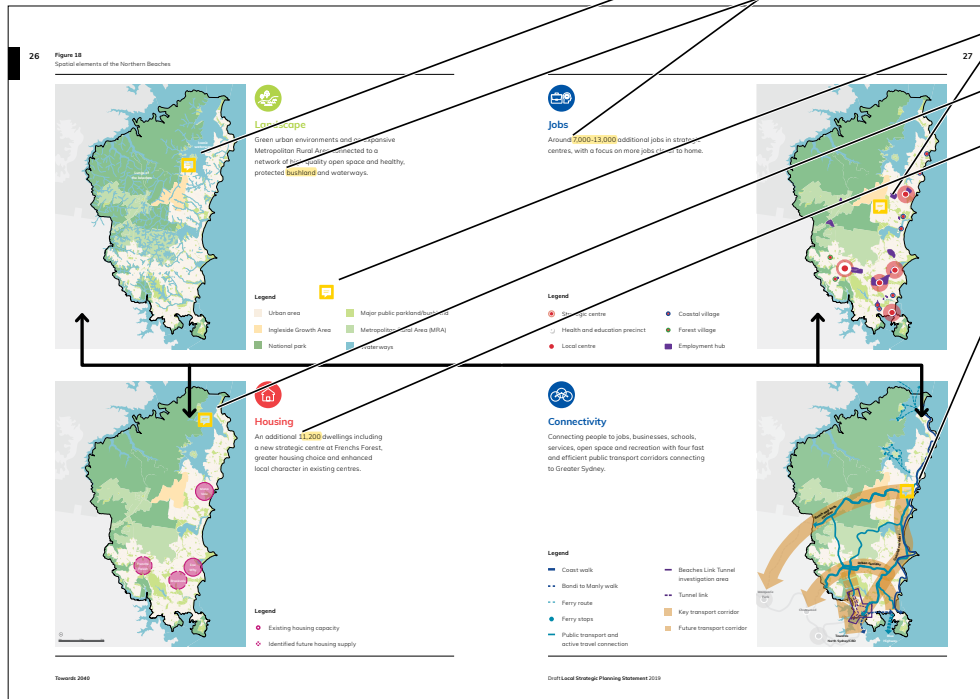
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Frenchs Forest



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28 Figure 19
Plan as a page

29

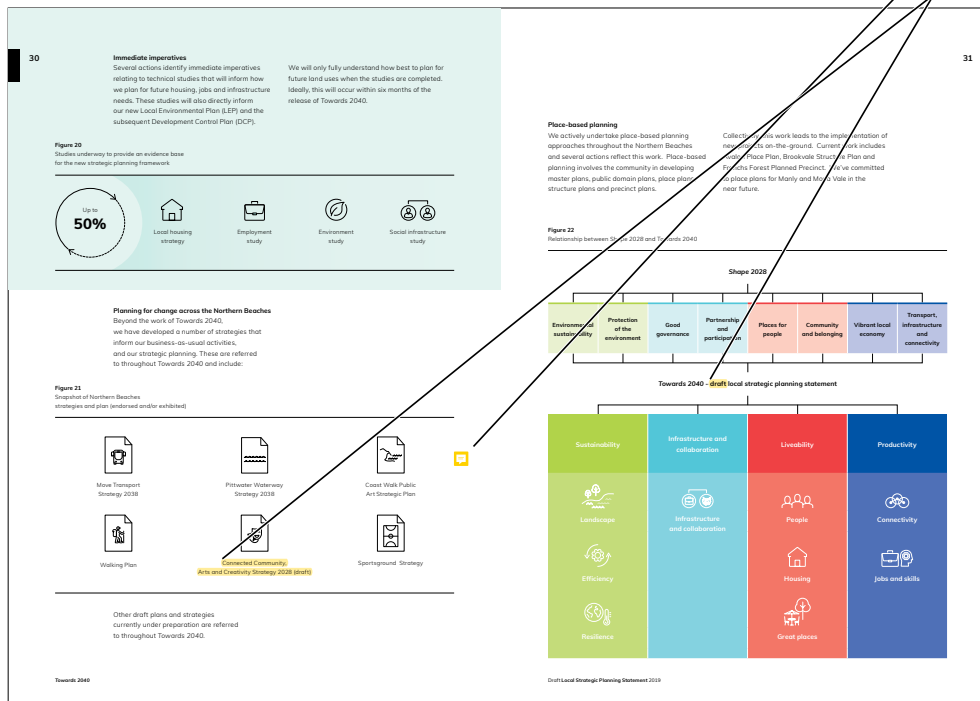
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 Landscape	Healthy and valued coast and waterways	Protected and enhanced bushland and biodiversity	Protected waterways and cultural landscapes	Protected Metropolitan Rural Areas	Greener urban environments	High quality landscapes for recreation																								
 Efficiency																														
 Resilience																														
 Infrastructure and collaboration																														
 People																														
 Housing																														
 Great places																														
 Connectivity																														
 Jobs and skills																														























Themes: Sustainability Infrastructure and collaboration Livability Productivity

Towards 2040

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- 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



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	Amend principle: avoid urban intensification in the		
	Author: coullr	Subject: Cross-Out	Date: 22/01/2020 11:32:30 AM
	Amend principle		
	Author: coullr	Subject: Highlight	Date: 27/02/2020 2:21:53 PM
	Amend text: (MRA) and future MRA investigation area until relevant studies have been undertaken and subject to those studies		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:15:59 AM
	Amend principle: use precinct		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:16:11 AM
	Amend principle: planning in strategic centres		
	Author: coullr	Subject: Cross-Out	Date: 22/01/2020 11:32:39 AM
	Amend principle		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 11:38:36 AM
	Amend text: that identified in the local housing strategy		

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, historic and cultural landscapes (P3, P15)
- **Proposals must not detrimentally** **interfere with** Metropolitan Rural Areas (P4)
- **Proposals must** be **subordinate to** the green grid, retain mature trees and offset tree canopy loss by planting a minimum of two trees for any one tree removed (P5, P16)
- **Proposals must** **minimise the** **adverse** **effect by increasing** **the** **amount of** **open** **space** **and** **green** **cover** **to** **improve** **the** **resilience** **of** **the** **urban** **design** **and** **improving** **the** **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 must **achieve** **Green Star** **NABERS** **or** **higher** **energy** **efficiency** **compliance** **rating** **that** **incorporates** **improved** **building** **standards** **and** **achievement** **of** **a** **low-carbon** **development** **with** **high** **efficiency** **in** **energy** **water** **and** **waste** (P7, P15)

Proposals must not **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

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Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

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Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

Proposals must **not** **interfere** **with** **the** **protection** **of** **natural** **and** **cultural** **values** **and** **uses** **for** **the** **coast** **and** **waterways** (P1)

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

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

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

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

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

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

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

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

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

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

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




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

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

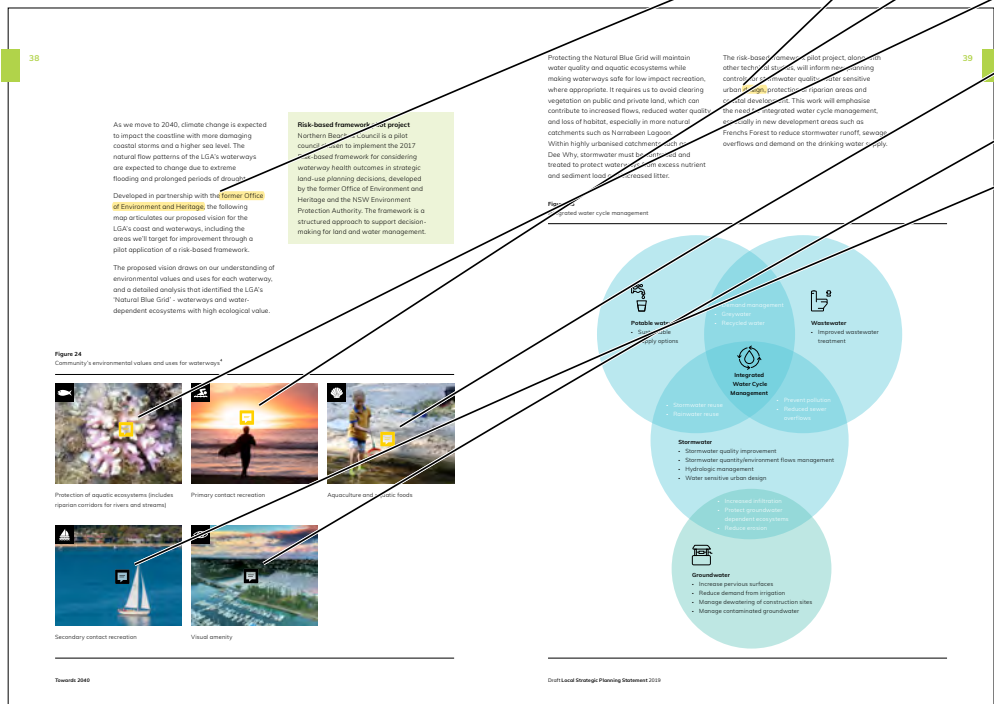
This page contains no comments



	Author: coullr Amend text: aquatic	Subject: Highlight	Date: 16/01/2020 1:53:03 PM
	Author: coullr Amend infographic: 4	Subject: Highlight	Date: 11/02/2020 11:42:18 AM
	Author: coullr Amend infographic: Delete 'national'	Subject: Highlight	Date: 22/01/2020 11:18:54 AM



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: SuzyLawrence	Subject: Sticky Note	Date: 14/02/2020 2:43:54 PM
Amend infographic: Change photo		
Author: SuzyLawrence	Subject: Sticky Note	Date: 14/02/2020 2:43:42 PM
Amend infographic: Change photo		



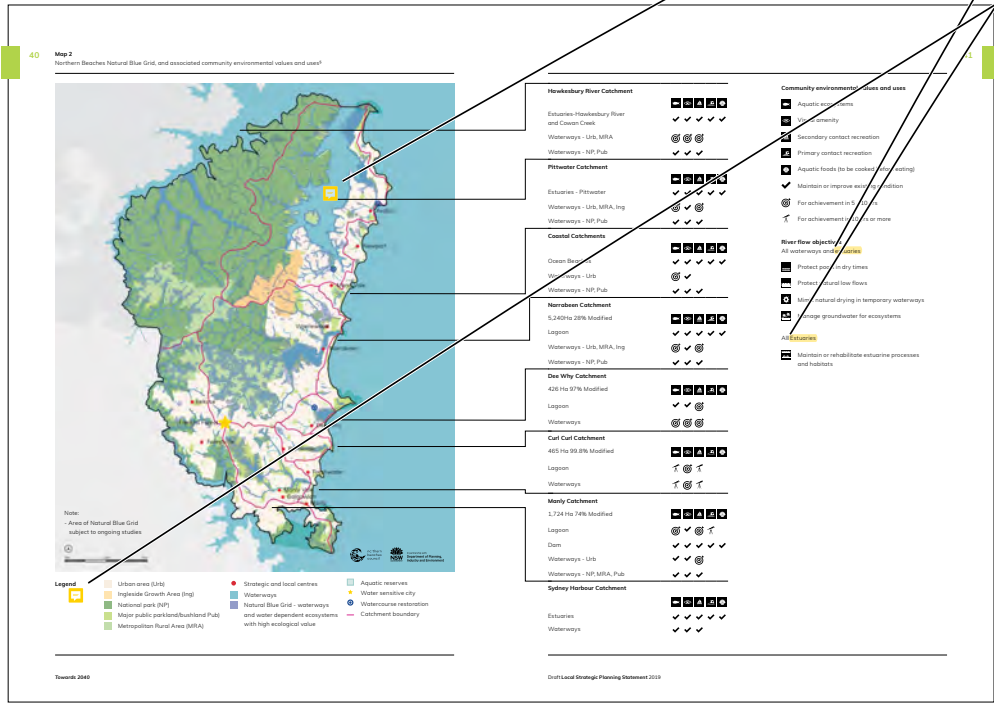
- Author: coulr Subject: Sticky Note Date: 16/01/2020 1:48:18 PM

Amend map:
- New MRA layer
- Fix/replace HEV layer to include HEV in Pittwater and to exclude HEV in ocean off Manly Beach
- Author: coulr Subject: Highlight Date: 11/02/2020 11:43:45 AM

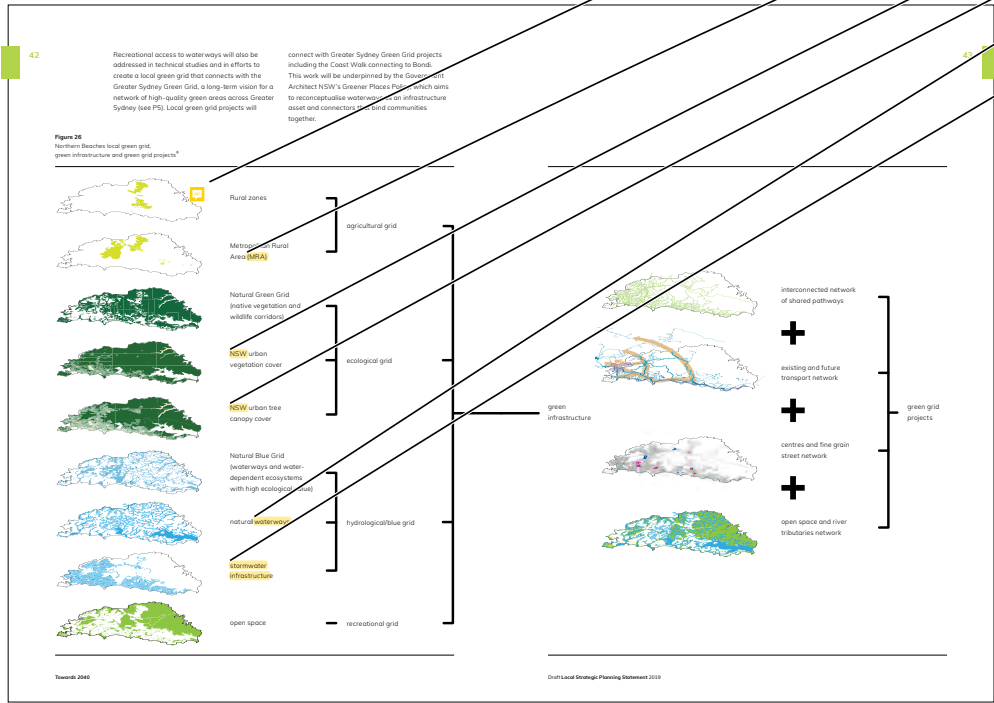
Amend map legend:
estuaries: maintain or improve existing condition
- Author: coulr Subject: Highlight Date: 11/02/2020 11:44:07 AM

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: coulr	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: coulr	Subject: Highlight	Date: 22/01/2020 11:27:05 AM
Amend infographic: (MRA) and future MRA investigation area		
Author: coulr	Subject: Highlight	Date: 11/02/2020 11:45:38 AM
Delete text		
Author: coulr	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)		



Author: coullr Subject: Sticky Note Date: 16/01/2020 1:49:07 PM
 New principle:
 Promote development that maintains or restores the community's uses and values of waterways. Where these values are being achieved in a waterway, they should be protected; and where they are not being achieved, all activities should work towards their achievement over time.

Author: coullr Subject: Highlight Date: 16/01/2020 1:49:18 PM
 Amend principle:
 catchments (including groundwater aquifers),

Author: coullr Subject: Highlight Date: 16/01/2020 1:00:14 PM
 Delete principle

Author: coullr Subject: Highlight Date: 16/01/2020 1:49:26 PM
 Amend principle:
 Promote integrated water cycle management and integrate

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:54:22 PM
 Add partners:
 Sydney Water
 DPI Fisheries

Author: coullr Subject: Highlight Date: 16/01/2020 1:54:31 PM
 Amend action:
 targets; integrated water cycle management (including water sensitive urban design); coastal management programs;

Author: coullr Subject: Sticky Note Date: 20/01/2020 4:02:38 PM
 Add partners:
 Office of Sport
 Sydney Water

Author: coullr Subject: Highlight Date: 16/01/2020 1:54:42 PM
 Amend action:
 to the coast and

Author: coullr Subject: Highlight Date: 16/01/2020 1:54:55 PM
 Amend action:
 implement

Author: coullr Subject: Highlight Date: 16/01/2020 1:55:04 PM
 Amend action:
 develop associated

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:55:09 PM
 Add partners:
 Office of Sport
 Sydney Water
 DPI Fisheries

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:55:18 PM
 Amend action, add new point:
 e. opportunities for non-motorised water sports launching, storage and utilisation

Author: coullr Subject: Highlight Date: 16/01/2020 1:55:23 PM
 Amend action:
 value, in addition to better management of the existing aquatic reserves and marine estates

Author: coullr Subject: Sticky Note Date: 16/01/2020 1:55:35 PM
 New action (A1.10):
 Work with relevant stakeholders to promote community stewardship for Manly-Freshwater World Surfing Reserve

Timing = 0

Partner = SLSC

Author: coullr Subject: Sticky Note Date: 22/01/2020 11:26:36 AM

New action (A1.11):
 Work with Sydney Water on the development of the Eastern Sydney Regional Master Plan to address: resilience in the Northern Beaches water supply, requirements for new and upgraded infrastructure, wet weather overflows in priority catchments, outflows from Warriewood and North Head Wastewater Treatment Plants, opportunities for recycled water, and environmental assessment processes and outcomes

Time = 5

Partners = Sydney Water

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Principles

- Protect and enhance the ecological condition of coastal areas, **waterways** (wetlands, watercourses, lagoons and estuaries) and their **catchments**.
- Shape decisions for future water infrastructure around the implications of climate change.**
- Improve the quality of water discharged to beaches, waterways, open spaces and buildings.
- Integrate** water sensitive urban design measures into the built form.
- Protect watercourses or restore them to their natural state where possible.
- Encourage water efficiency, water re-use or alternative water sources to reduce on water use.
- 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.

45

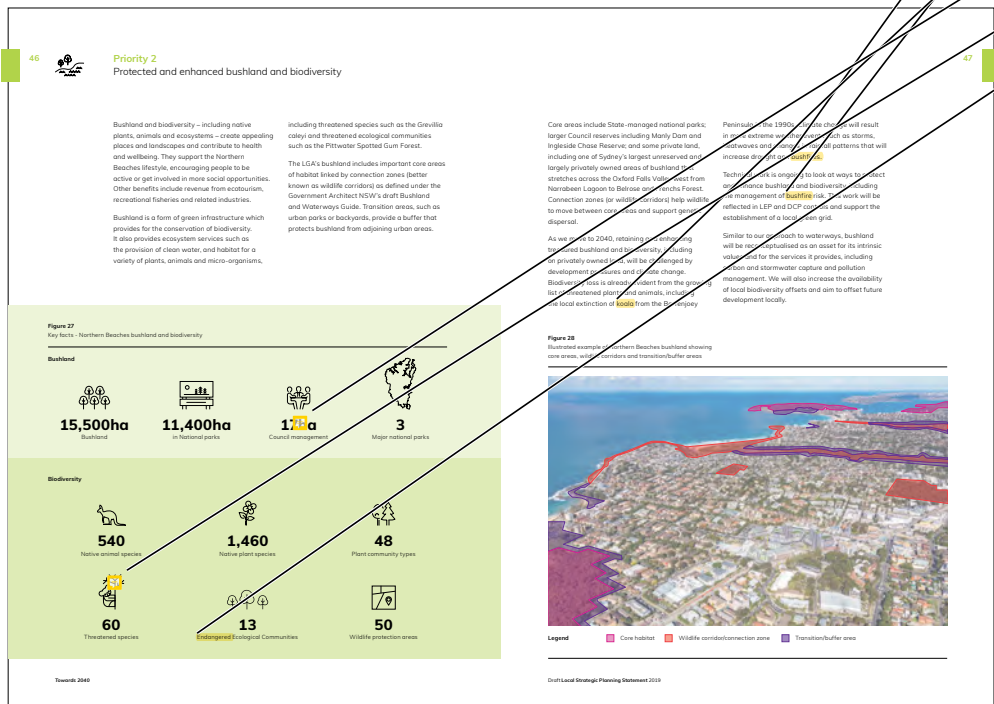
Northern Lagoon

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 targets , protection of riparian areas, coastal hazard management and criteria for environmentally friendly sea walls.	I	
1.4	Prepare an open space and recreation strategy catchment plan that supports environmentally friendly waterways where appropriate.	I	DPIE
1.5	Develop and implement 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 site 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: <ul style="list-style-type: none"> a. a continuous foreshore path around the Pittwater waterway b. a new boat ramp on Pittwater to cater for medium to larger boats c. naturalisation of creeks at Point Mona Vale and Avalon d. new water reserves for areas of high biodiversity value. 	M	

Towards 2040

Draft Local Strategic Planning Statement 2019

	Author: SuzyLawrence	Subject: Highlight	Date: 14/02/2020 3:41:32 PM
	Amend text:		
	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:		
	koalas		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 1:55:58 PM
	Amend infographic:		
	1,700ha		
	Author: coullr	Subject: Sticky Note	Date: 22/01/2020 11:28:03 AM
	Amend infographic:		
	Change koala icon to penguin		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 11:47:54 AM
	Amend text:		
	Threatened		



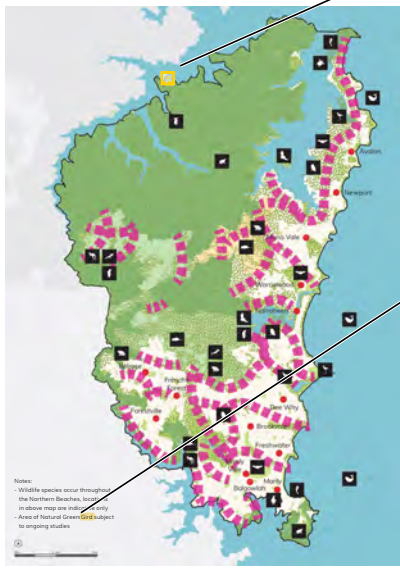
Author: coulr Subject: Sticky Note Date: 11/02/2020 11:48:46 AM
Amend map:
- Little penguin area of outstanding biodiversity value
- New MRA layer

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

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

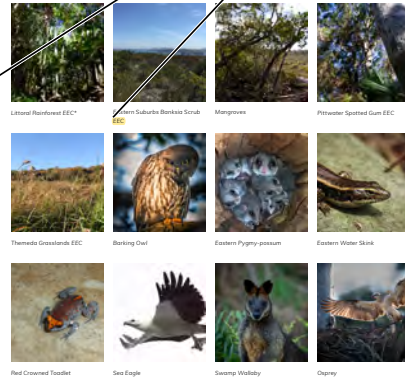
48 Map 3
Northern Beaches Natural Green Grid, connectivity and examples of threatened and iconic wildlife



Notes:
- Wildlife species occur throughout the Northern Beaches local area
- Areas of Natural Green Grid subject to ongoing studies

Map 3
Legend

- | | | |
|---|---|---|
| <input type="checkbox"/> Urban area | <input type="checkbox"/> Threatened and iconic wildlife | <input type="checkbox"/> Turtles |
| <input type="checkbox"/> Ingleisle Growth Area | <input type="checkbox"/> Little penguins | <input type="checkbox"/> New South Wales |
| <input type="checkbox"/> National park | <input type="checkbox"/> Wallabies | <input type="checkbox"/> Wandering albatross |
| <input type="checkbox"/> Major public parkland/bushland | <input type="checkbox"/> Giant burrowing frog | <input type="checkbox"/> Whistlers |
| <input type="checkbox"/> Metropolitan Rural Area (MRA) | <input type="checkbox"/> Noisy woodswallow | <input type="checkbox"/> Bandicoots |
| <input type="checkbox"/> Strategic and local centres | <input type="checkbox"/> Eastern pygmy possum | <input type="checkbox"/> Owls |
| <input type="checkbox"/> Natural Green Grid (DEH Native vegetation (2016) and Biodiversity values (2019)) | <input type="checkbox"/> Koalas | <input type="checkbox"/> Glossy black cockatoos |
| <input type="checkbox"/> Wildlife corridors and connectivity | <input type="checkbox"/> Banks of prey | |



*EEC - Endangered Ecological Community

Draft Local Strategic Planning Statement 2019

	Author: coulr	Subject: Highlight	Date: 16/01/2020 1:57:39 PM
	Amend text:	headlands, ocean, harbour,	
	Author: coulr	Subject: Highlight	Date: 16/01/2020 1:57:44 PM
	Amend text:	Area (MRA) and MRA investigation area	
	Author: coulr	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: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 1:58:13 PM
	Amend action:	views, skylines	
	Author: coulr	Subject: Highlight	Date: 16/01/2020 1:58:18 PM
	Amend action:	and significant ridgelines	
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 1:58:25 PM
	Amend map legend:	- Bondi to Manly Walk	
	Author: coulr	Subject: Highlight	Date: 22/01/2020 11:29:26 AM
	Amend map legend:	Delete 'national'	

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Priority 3
Protected scenic and cultural landscapes

Scenic and cultural landscapes include views of settlements, ridgelines, 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, Oxley 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.

Landscape provides 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 and 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 urban storytelling and interpretation (see P5).

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 consistent to scenic and cultural landscapes.

No. Action Time Partner

3.1	Prepare a scenic and cultural landscape assessment with community to identify landscapes and their social, architectural, cultural and regional values	I
3.2	Develop LEP and DCP codes to protect views and scenic and cultural landscapes, such as formal scenic protection areas and special clauses for building heights on steeply sloping land	I

Map 4
Scenic and cultural landscapes of the LGA, including lookouts, coastal landmarks and high-level view corridors

Legend

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

Towards 2040

Draft Local Strategic Planning Statement 2019

This page contains no comments

54 Burroughay Lighthouse, Pukerua Beach



North Shaggy Surf Life Saving Club, Manly



Townsville 2040

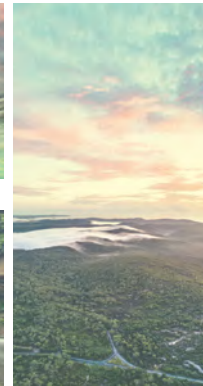
Oceanide sculpture, Fairy Bower



Upper Gladhill Falls



Sunrise over Terry Hills

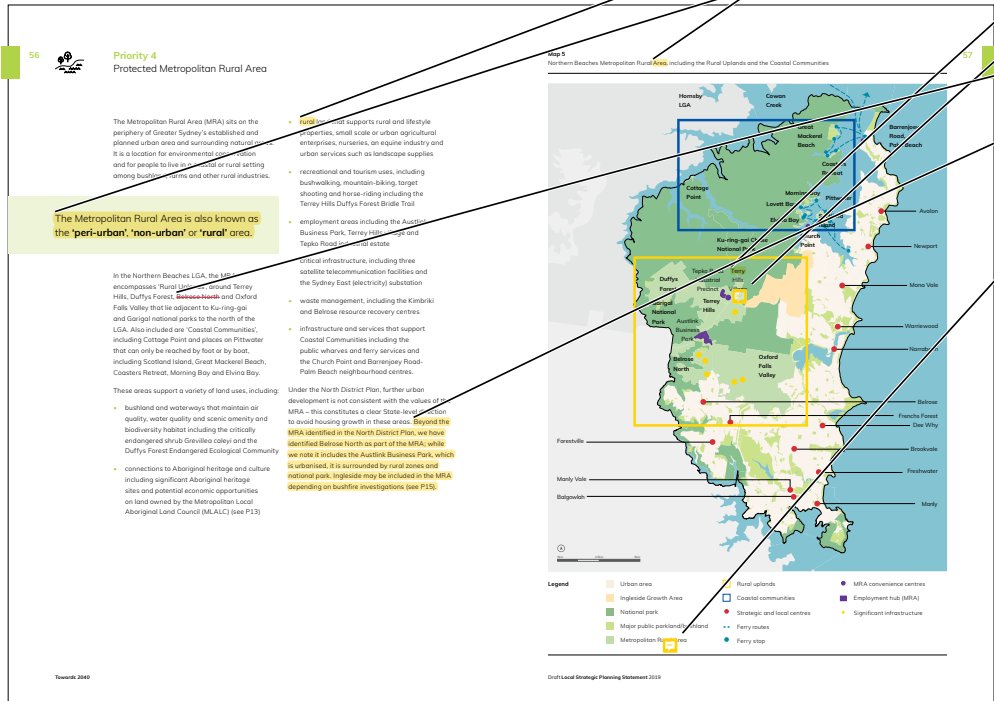


Duke Kahanamoku statue, Freshwater



Draft Local Strategic Planning Statement 2019

	Author: coulr	Subject: Highlight	Date: 16/01/2020 1:58:34 PM
	Amend text:	Area (MRA) and future MRA investigation area,	
	Author: coulr	Subject: Highlight	Date: 22/01/2020 11:29:48 AM
	Amend text:	Delete 'rural'	
	Author: coulr	Subject: Highlight	Date: 13/02/2020 1:14:06 PM
	Amend text box:	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:	- New MRA layer to show 'future MRA investigation area'	
	Author: coulr	Subject: Cross-Out	Date: 22/01/2020 11:30:13 AM
	Amend text:	Delete 'Belrose North'	
	Author: coulr	Subject: Highlight	Date: 16/01/2020 1:59:04 PM
	Amend text:	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:	- Future MRA investigation area	



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
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)		



Not all properties within the MRA have access to reticulated water or sewerage 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 oceans, 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.

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).

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 LRP 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 PE	S	DPIE



Time = S

Partner = GSC, DPIE

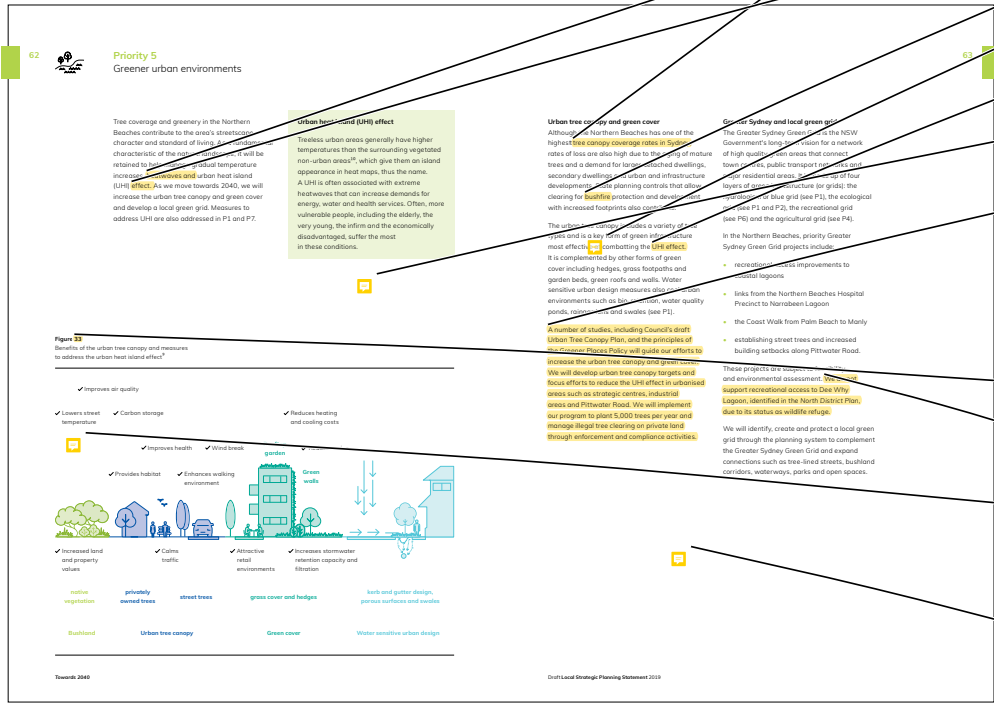
New action (A4.7):

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: SuzyLawrence	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: SuzyLawrence	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: SuzyLawrence	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: - 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		





Priority 5
Greener urban environments

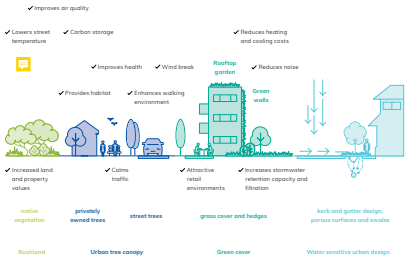
Tree coverage and greenery in the Northern Beaches contribute to the area's streetscape, character and standard of living. As a fundamental characteristic of the natural landscape, it will be retained to help manage gradual temperature increases. **Addressing Urban Heat Island (UHI) effect** As we move towards 2040, we will increase the urban tree canopy and green cover and develop a local green grid. Measures to address UHI are also addressed in P1 and P7.

Urban heat island (UHI) effect

Treeless urban areas generally have higher temperatures than the surrounding vegetated non-urban areas¹⁰, which give them an island appearance in heat maps, thus the name. A UHI is often associated with extreme heatwaves that can increase demands for energy, water and health services. Often, more vulnerable people, including the elderly, the very young, the infirm and the economically disadvantaged, suffer the most in these conditions.



Figure 20
Benefits of the urban tree canopy and measures to address the urban heat island effect¹¹



Towards 2040

Urban tree canopy and green cover

Although the Northern Beaches has one of the highest tree canopy coverage rates in Sydney, rates of loss are also high due to the aging of mature trees and a demand for larger detached dwellings, secondary dwellings and urban and infrastructure developments. State planning controls that allow clearing for **habitat** protection and development with increased footprints also contribute.

The urban tree canopy includes a variety of tree types and is a key form of green infrastructure most effective in **combating the UHI effect**. It is complemented by other forms of green cover including hedges, grass footpaths and garden beds, green roofs and walls. Water sensitive urban design measures also cool urban environments such as bio-retention, water quality ponds, rangardens and swales (see P1).

A number of studies, including Council's draft Urban Tree Canopy Plan, and the principles of the Greater Places Policy, will guide our efforts to increase the urban tree canopy and green cover. We will develop urban tree canopy targets and focus efforts to reduce the UHI effect in urbanised areas such as strategic centres, industrial 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.



Greater Sydney and local green grid

The Greater Sydney Green Grid is the NSW Government's long-term vision for a network of high quality green areas that connect town centres, public transport networks and major residential areas. It is made up of four layers of green infrastructure (or grids): the hydrological or blue grid (see P1), the ecological grid (see P1 and P2), the recreational grid (see P6) and the agricultural grid (see P6).

In the Northern Beaches, priority Greater Sydney Green Grid projects include:

- recreational access improvements to coastal lagoons
- links from the Northern Beaches Hospital Precinct to Narrabeen Lagoon
- the Coast Walk from Palm Beach to Manly

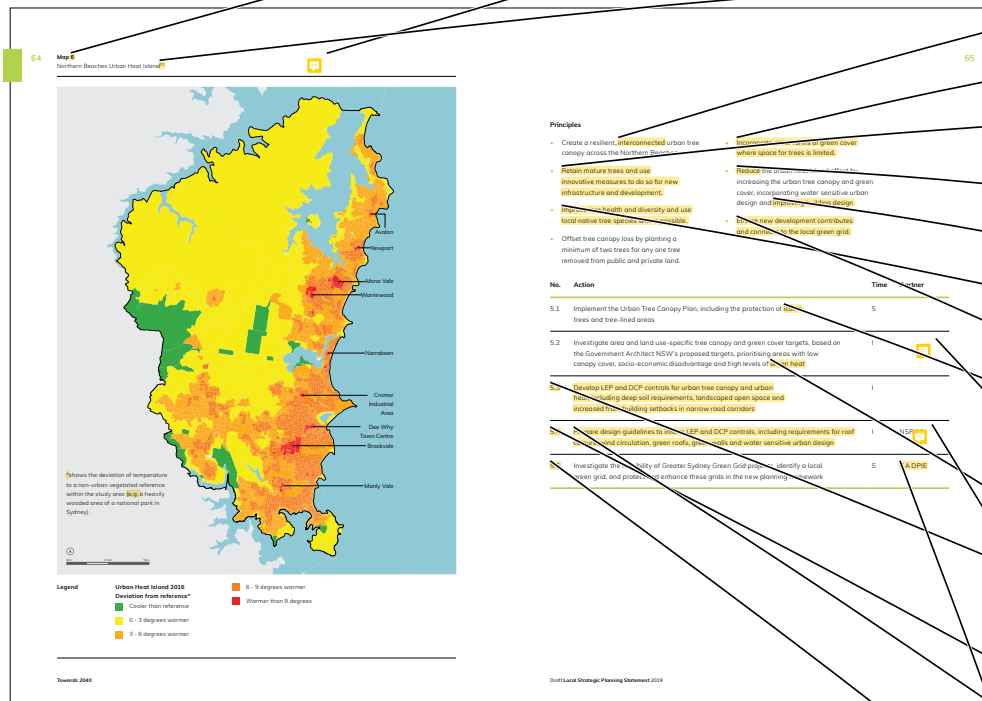
- establishing street trees and increased building setbacks along Pittwater Road.

These projects are subject to feasibility and environmental assessment. We do not support recreational access to Dee Why Lagoon, identified in the North District Plan due to its status as wildlife refuge.

We will identify, create and protect a local green grid through the planning system to complement the Greater Sydney Green Grid and expand connections such as tree-lined streets, boulevard corridors, waterways, parks and open spaces.

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: SuzyLawrence	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:		
5.4		
Author: coullr	Subject: Highlight	Date: 16/01/2020 2:16:43 PM
Add partners:		

Comments from page 33 continued on next page





Author: coullr
Change to note

Subject: Highlight

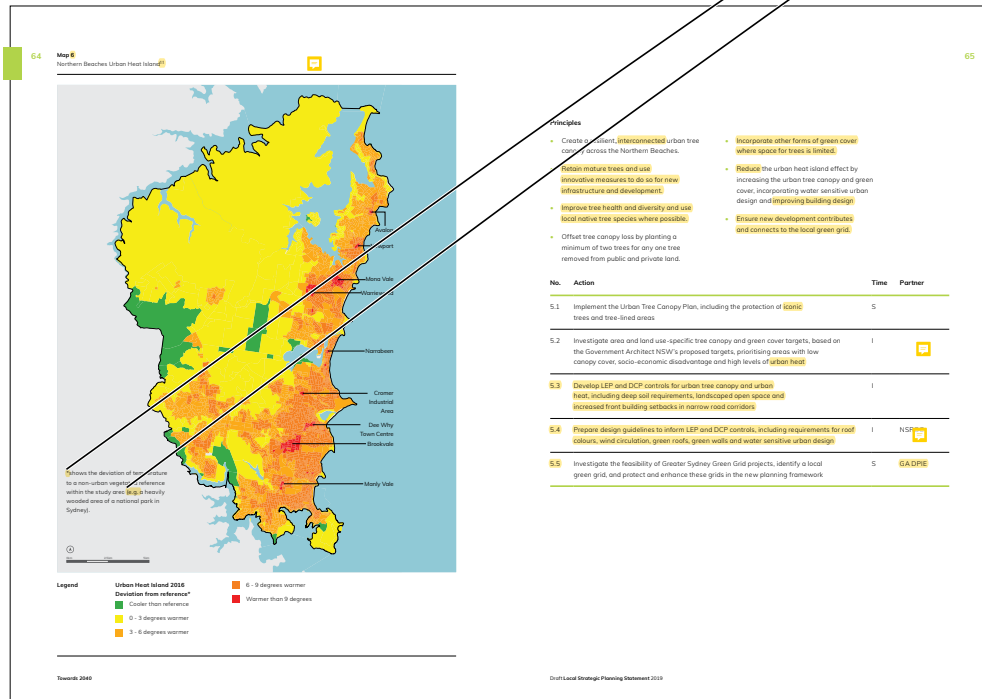
Date: 11/02/2020 1:45:42 PM



Author: coullr
Update infographic:
(for example,

Subject: Highlight

Date: 22/01/2020 11:55:21 AM



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

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

Author: coulr Subject: Sticky Note Date: 16/01/2020 2:25:57 PM

Amend infographic, replace with new data to match new map and recent audit:

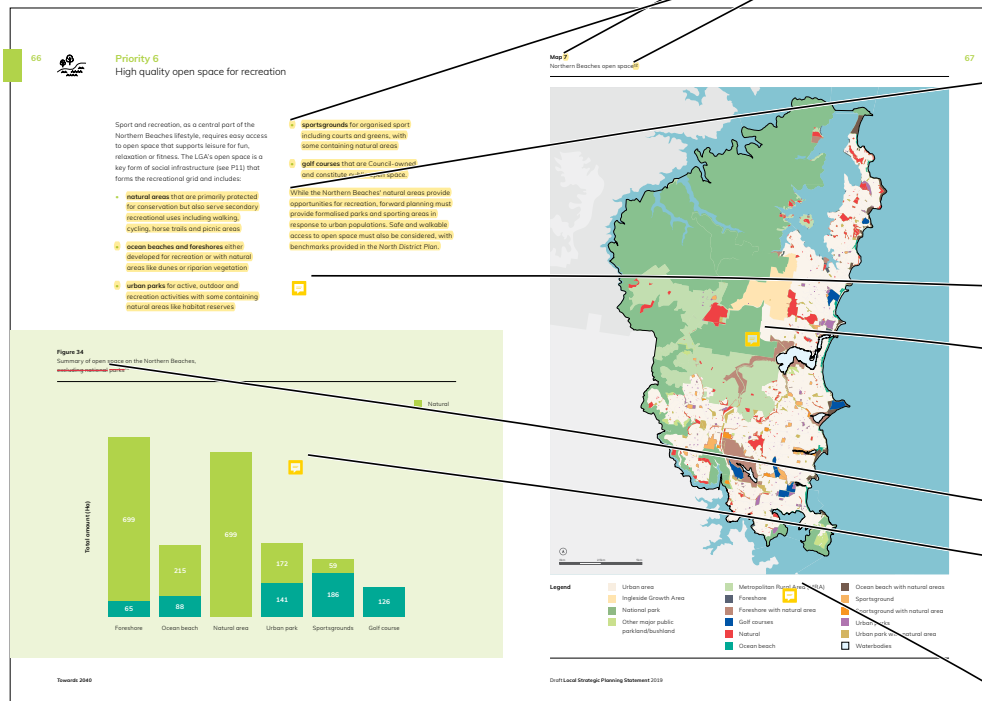
- National Park
- Natural area
- Golf course
- Sporting areas
- Beach and foreshore
- Public Park

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

Author: coulr Subject: Sticky Note Date: 20/01/2020 4:07:34 PM

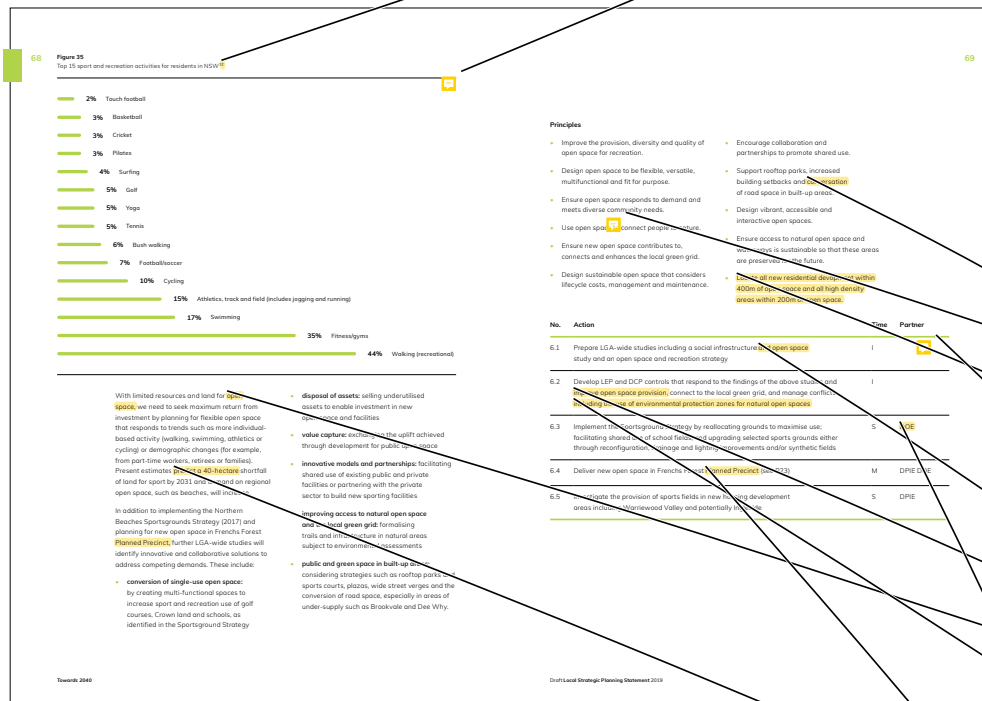
Amend map legend:

- Future MRA investigation area
- Update open space categories:
 - sporting area
 - golf course
 - golf course (private)
 - public park
 - beach and foreshore
 - natural area
- Strategic centre dots
- Schools (future potential opportunity for shared use)
- State parks



Author: coulr Endnote 15	Subject: Highlight	Date: 11/02/2020 2:01:54 PM
Author: coulr Add two new maps:	Subject: Sticky Note	Date: 11/02/2020 2:00:08 PM
...		
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: coulr Fix typo	Subject: Highlight	Date: 16/01/2020 2:30:33 PM
Author: coulr New principle:	Subject: Sticky Note	Date: 11/02/2020 2:02:25 PM
Ensure developments result in no net loss of public open space.		
Author: coulr Amend principle:	Subject: Highlight	Date: 16/01/2020 2:27:55 PM
Ensure new residential development is located within 400m of open space and high density areas within 200m of open space.		
Author: coulr Add partners:	Subject: Sticky Note	Date: 16/01/2020 2:28:11 PM
DPIE Office of Sport Sydney Water		
Author: coulr Amend principle:	Subject: Highlight	Date: 11/02/2020 2:02:49 PM
Delete text		
Author: coulr Amend action:	Subject: Highlight	Date: 16/01/2020 2:28:22 PM
improve provision of open space and recreation (such as, innovative sports facilities inclusion in new developments),		
Author: coulr Amend text:	Subject: Highlight	Date: 16/01/2020 2:28:37 PM
public parks and sporting areas,		
Author: coulr Amend action:	Subject: Highlight	Date: 16/01/2020 2:28:51 PM
, for example, by applying environmental protection zones to natural open spaces		
Author: coulr Add partners:	Subject: Highlight	Date: 16/01/2020 2:29:07 PM
Office of Sport independent schools		
Author: coulr Amend text:	Subject: Highlight	Date: 16/01/2020 2:29:18 PM
predict a 41-hectare		
Author: coulr Amend action:	Subject: Highlight	Date: 16/01/2020 2:29:27 PM
strategic centre		

Comments from page 35 continued on next page





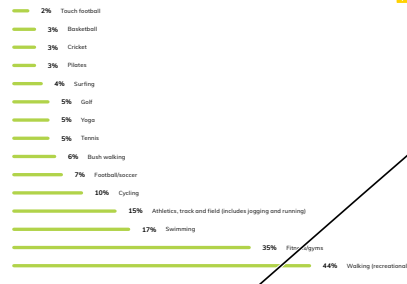
Author: coulr
Amend text:
strategic centre,

Subject: Highlight

Date: 16/01/2020 2:29:44 PM

68

Figure 28
Top 25 sport and recreation activities for residents in NZW






With limited resources and land for **open space**, we need to seek maximum return from investment by planning for flexible open space that responds to trends such as more individual-based activity (walking, swimming, athletics or cycling) or demographic changes (for example, from part-time workers, retirees or families). Present estimates **show a 40-45% shortfall** of land for sports by 2041 and demand on regional open space, such as beaches, will increase.

In addition to implementing the Northern Bay of Plenty Sportgrounds Strategy (2017) and planning for new open space in Frenchs Forest **Planned Precinct**, further LGA-wide studies will identify innovative and collaborative solutions to address competing demands. These include:

- **conversion of single-use open space:** by creating multi-functional spaces to increase sport and recreation use of golf courses, Crown land and schools, as identified in the Sportground Strategy

- **disposal of assets:** selling underutilised assets to enable investment in new open space and facilities.
- **value capture:** exchanging the uplift achieved through development for public open space
- **innovative models and partnerships:** facilitating shared use of existing public and private facilities or partnering with the private sector to build new sporting facilities
- **improving access to natural open space and the local green grid:** formulating trails and infrastructure in natural areas subject to environmental assessments
- **public and green space in built-up areas:** considering strategies such as rooftop parks and sports courts, plazas, wide street verges and the conversion of road space, especially in areas of under supply such as Brookvale and Dee Why.

 Author: coulr Endnote 17	Subject: Highlight	Date: 11/02/2020 2:03:23 PM
 Author: coulr Endnote 17	Subject: Highlight	Date: 11/02/2020 2:03:44 PM
 Author: coulr Add new infographic: Figure 36 - Northern Beaches Council resource use aspirations and commitments	Subject: Sticky Note	Date: 22/01/2020 10:11:45 AM

...

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)

...

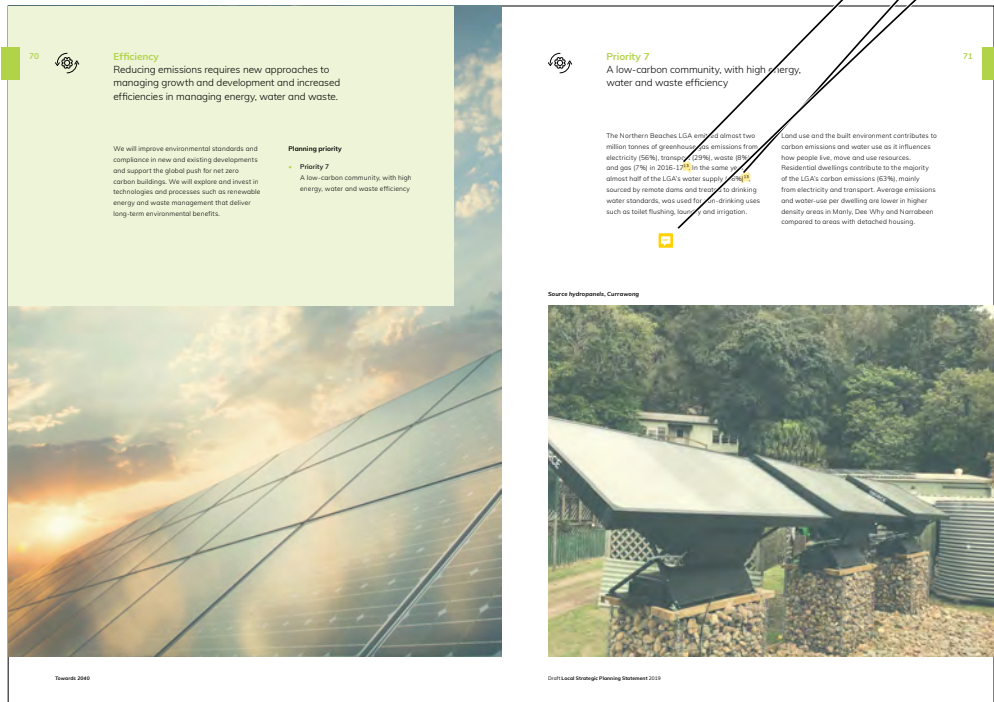
2045
Net zero emissions (C)

...

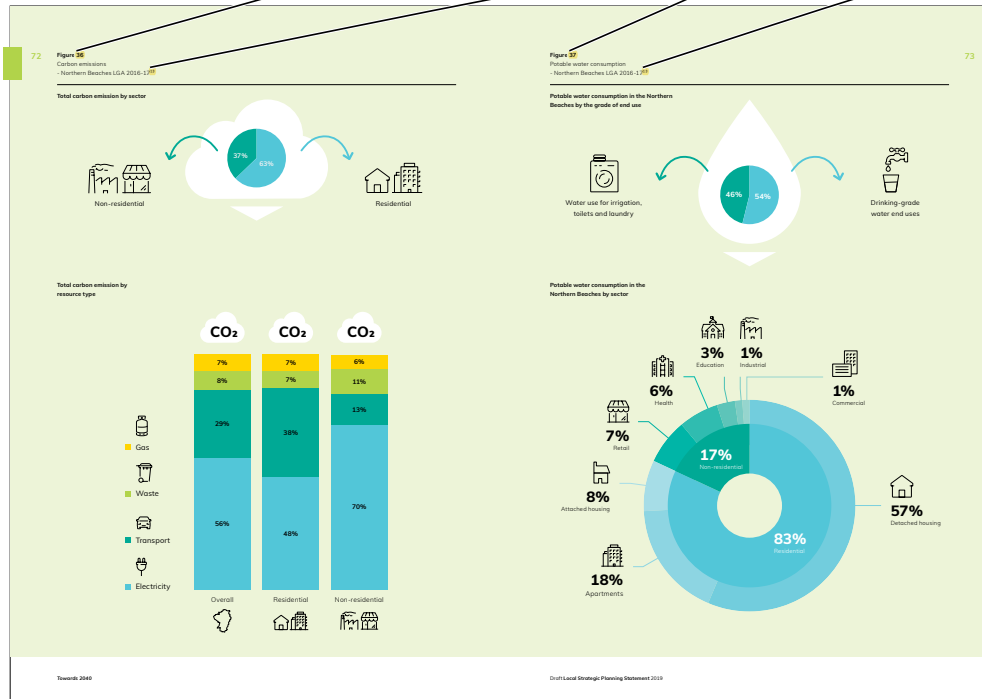
2050
Net zero emissions (C)

....

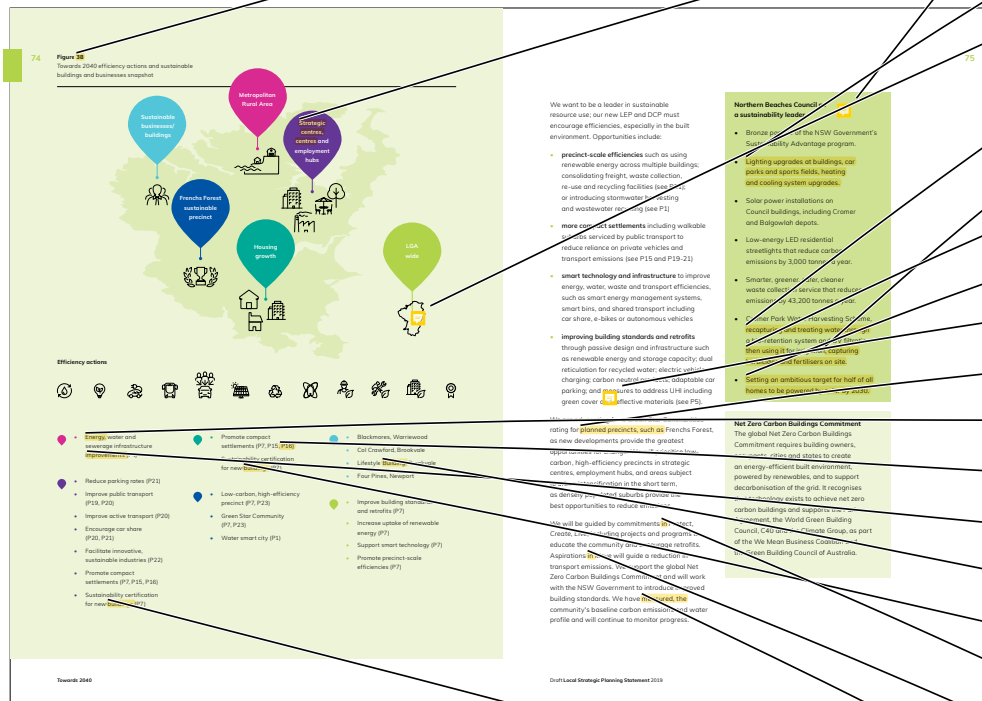
Legend:
Council operations
Community
A = Protect. Create. Live aspiration
C = Protect. Create. Live. commitment
T = Towards 2040 LEP and DCP action



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



	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:18:31 AM
	Amend text:		
	39		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 2:42:19 PM
	Amend text box, add new point:		
	Kimbriki Resource and Recovery Centre operates a sustainable living education centre and a buy back centre for re-usable items and repurposable materials.		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:05:29 PM
	Amend infographic:		
	Centres		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:42:35 PM
	Amend text box:		
	Lighting, heating and cooling upgrades at buildings, car parks and sports fields		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 2:50:44 PM
	Amend infographic:		
	<ul style="list-style-type: none"> - Change icon shape to Northern Beaches - Add 'facilitate circular economy outcomes (P7)' to LGA wide - Add 'demand management initiatives' to LGA wide 		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:45:05 PM
	Amend text box:		
	using		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:57:41 AM
	Amend text box:		
	Delete		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:57:34 AM
	Amend text box:		
	Delete		
	Author: SuzyLawrence	Subject: Highlight	Date: 22/01/2020 11:57:50 AM
	Amend text box:		
	Delete		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 2:45:48 PM
	Add text:		
	- transitioning to a circular economy by prioritising and facilitating the reuse, repair and recycling of products and materials and reducing waste generation.		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:58:13 AM
	Amend text:		
	Delete		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:47:40 PM
	Amend text:		
	Sustainable energy,		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:05:59 PM
	Amend infographic:		
	Delete text		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:58:38 AM
	Amend infographic:		
	solutions		
	Author: SuzyLawrence	Subject: Highlight	Date: 14/02/2020 2:46:58 PM
	Amend infographic:		
	Working Building,		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:58:50 AM
	Amend infographic:		
	developments		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:06:49 PM
	Add text:		
	in our Environment and Climate Change Strategy		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:07:22 PM
	Add text:		
	in our Transport Strategy		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 11:59:00 AM
	Amend text:		
	measured the		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:51:00 PM
	Amend text:		
	developments		



Author: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 2:51:28 PM
Amend principle: precinct-scale		
Author: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 2:52:47 PM
Amend action: strategic centre		
Author: coulr	Subject: Highlight	Date: 20/01/2020 4:10:49 PM
Amend action: efficiencies, renewable energy projects, circular economy outcomes,		
Author: coulr	Subject: Highlight	Date: 16/01/2020 2:53:28 PM
Change timing: O		
Author: coulr	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: coulr	Subject: Highlight	Date: 11/02/2020 2:08:28 PM
Amend action: of our Environment and Climate Change Strategy		
Author: coulr	Subject: Highlight	Date: 11/02/2020 2:09:00 PM
Amend action: and our Transport Strategy		
Author: coulr	Subject: Sticky Note	Date: 22/01/2020 11:59:31 AM
Amend action: Move this action to Priority 8		

76

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 **80000** efficiency initiatives.
- Reduce the volume of waste and waste transport requirements.**
- Support smart technology and infrastructure.
- Increase the uptake of renewable energy.

No. Action

No.	Action	Time	Priority
71	Deliver Franchi Forest 80000 Project as a low-carbon, high-efficiency precinct and a Green Star Community (see P23)	S-M-L	DPE DOE
72	Identify opportunities for precinct-scale 80000 compact settlements, smart technology and infrastructure, and better building standards and retrofits in the environment, 80000 employment study and local housing strategy		
73	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.		
74	Improve building standards for residential and non-residential buildings and relevant infrastructure, support the 80000 net zero carbon buildings, and monitor progress	S	DPE GBGA
75	As part of 80000 Protect, Create, Live and 80000 Move, develop action plans for public transport, sustainable living and green neighbourhoods		
76	Investigate the establishment of Australia's first 80000 Light Bay Place in Palm Beach, addressing public lighting, light pollution and 80000 energy consumption	S	

Northern Beaches new waste collection service

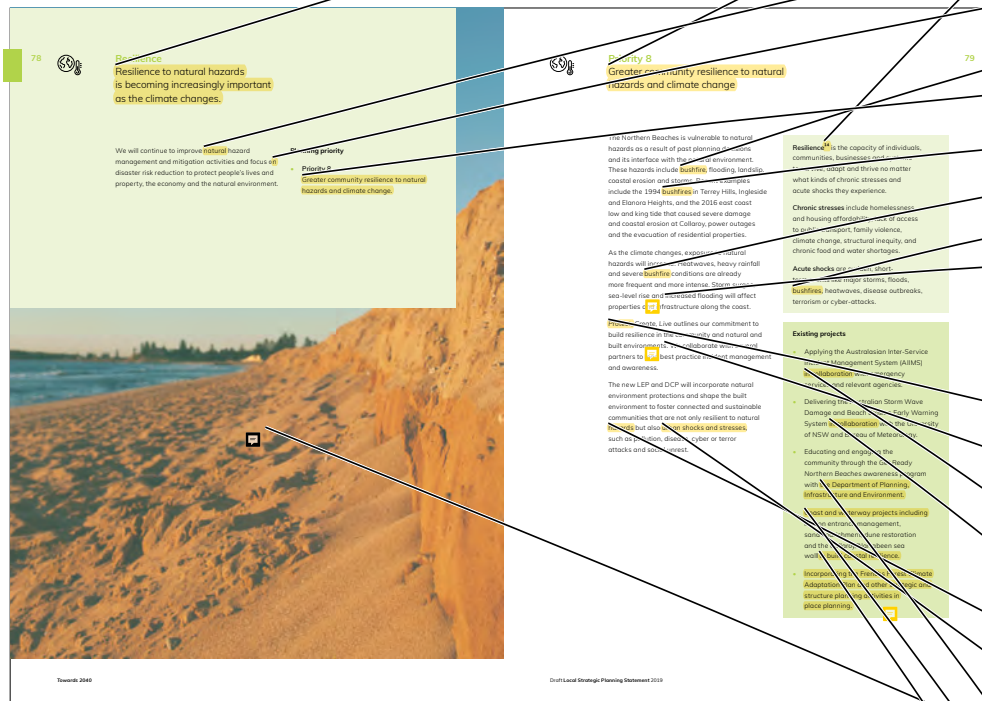
77

Towards 2040

Draft Local Strategic Planning Statement 2019

	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:55:21 PM
	Amend text:		
	Adaptation to natural and urban hazards is becoming increasingly important as the climate changes and the population grows.		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:55:34 PM
	Amend P8 title:		
	Adapted to the impacts of natural and urban hazards and climate change		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:13:23 PM
	Endnote 18		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:55:44 PM
	Amend text:		
	natural and urban		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:55:56 PM
	Amend text:		
	on compliance and enforcement,		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 10:12:50 AM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:56:07 PM
	Amend P8 title:		
	Adapted to the impacts of natural and urban hazards and climate change		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 10:12:31 AM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 10:13:03 AM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 10:13:34 AM
	Fix typo		
	Author: coullr	Subject: Sticky Note	Date: 14/02/2020 3:42:14 PM
	Add text:		
	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.		
	Declaration of Climate Emergency 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: coullr	Subject: Highlight	Date: 11/02/2020 2:10:57 PM
	Add text:		
	Our Environment and Climate Change Strategy, Protect		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 2:56:37 PM
	Add text:		
	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: coullr	Subject: Highlight	Date: 22/01/2020 12:00:38 PM
	Amend text box:		
	Delete		
	Author: coullr	Subject: Highlight	Date: 22/01/2020 12:00:48 PM
	Amend text box:		
	Delete		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:57:00 PM
	Amend text:		
	and urban hazards		
	Author: Suzy.Lawrence	Subject: Highlight	Date: 16/01/2020 2:57:11 PM
	Amend text:		
	chronic stresses and acute shocks		
	Author: Suzy.Lawrence	Subject: Sticky Note	Date: 14/02/2020 2:49:00 PM
	Update image		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 2:57:31 PM
	Amend text box:		
	DPIE and NSW Office of Emergency Management.		
	Author: coullr	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

Comments from page 40 continued on next page



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.

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Resilience

Resilience to natural hazards is becoming increasingly important as the climate changes.

We will continue to improve **natural** hazard management and mitigation activities and focus on disaster risk reduction to protect people's lives and property, the economy and the natural environment.

Planning priority

- Priority 8**
Greater community resilience to natural hazards and climate change.



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Priority 8

Greater community resilience to natural hazards and climate change

The Northern Beaches is vulnerable to natural hazards as a result of past planning decisions and its interface with the natural environment. These hazards include **sea level rise**, flooding, landslip, coastal erosion and storms. Recent examples include the 1994 **bullet** in Terrey Hills, Ingleisle and Eborra Heights, and the 2016 east coast low and king tide that caused severe damage and coastal erosion at Collaroy, power outages and the evacuation of residential properties.

As the climate changes, exposure to natural hazards will increase. Heatwaves, heavy rainfall and severe **weather** conditions are already more frequent and more intense. Storm surges, sea level rise and increased flooding will affect properties **along** the coast.

Protect. Create. Live outlives our commitment to build resilience in the community and natural and built environments. We collaborate with several partners to **share** best practice incident management and awareness.

The new LEP and DCP will incorporate natural environment protections and shape the built environment to foster connected and sustainable communities that are not only resilient to natural hazards but also **urban shocks and stresses**, such as pollution, disease, cyber or terror attacks and social unrest.

Resilience

Resilience is the capacity of individuals, communities, businesses and systems to survive, adapt and thrive no matter what kinds of chronic stresses and acute shocks they experience.

Chronic stresses include homelessness and housing affordability, lack of access to public transport, family violence, climate change, structural inequality and chronic food and water shortages.

Acute shocks are sudden, short-term events like major storms, floods, bushfires, heatwaves, disease outbreaks, terrorism or cyber-attacks.

Existing projects

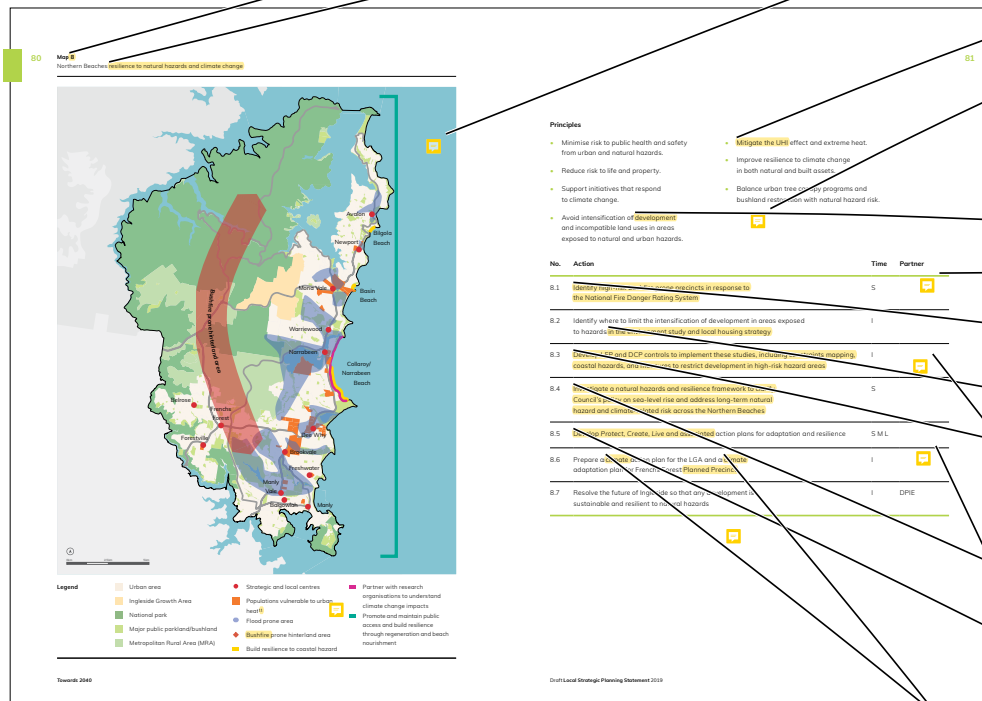
- Applying the Australian Inter-Service Incident Management System (AIIIMS) in collaboration with emergency services and relevant agencies.
- Delivering the Australian Storm Wave Damage and Erosion Early Warning System **in partnership** with the University of NSW and Bureau of Meteorology.
- Educating and engaging the community through the Get Ready Northern Beaches awareness program with the Department of Planning, Infrastructure and Environment.
- Coastal **waterway** projects include **begin** in entrance management, **new** nourishment, dune restoration and the Collaroy/Manly/Manly Sea Walls to build coastal resilience.
- Incorporating the Frenchs Forest Climate Adaptation Plan and other strategic and structure planning activities in place planning.

Towards 2040

Draft Local Strategic Planning Statement 2019

	Author: coulr Amend text: 11	Subject: Highlight	Date: 21/01/2020 11:18:27 AM
	Author: coulr Amend text: snapshot of natural and urban hazards including impacts from climate change	Subject: Highlight	Date: 11/02/2020 2:13:01 PM
	Author: coulr 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	Subject: Sticky Note	Date: 16/01/2020 3:03:59 PM
	Author: coulr Amend principle: Mitigate exposure to UV radiation, the UHI	Subject: Highlight	Date: 16/01/2020 2:59:40 PM
	Author: coulr 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).	Subject: Sticky Note	Date: 16/01/2020 3:00:29 PM
	Author: coulr Amend principle: , inappropriate development	Subject: Highlight	Date: 16/01/2020 3:00:11 PM
	Author: coulr Add partner: NSW RFS	Subject: Sticky Note	Date: 16/01/2020 3:00:41 PM
	Author: coulr 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)	Subject: Highlight	Date: 11/02/2020 2:17:02 PM
	Author: coulr Amend action: including bush fire prone areas for both risk minimisation and environmental protection	Subject: Highlight	Date: 11/02/2020 2:17:15 PM
	Author: coulr 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	Subject: Highlight	Date: 16/01/2020 3:01:10 PM
	Author: coulr Add partners: NSW RFS DPIE	Subject: Sticky Note	Date: 16/01/2020 3:01:20 PM
	Author: coulr 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	Subject: Highlight	Date: 16/01/2020 3:01:31 PM
	Author: coulr Amend action: Implement our Environment and Climate Change Strategy Protect. Create. Live. and develop associated	Subject: Highlight	Date: 11/02/2020 2:17:46 PM
	Author: coulr Add partners: DPIE Resilient Sydney Office of Emergency Management Cancer Institute NSW	Subject: Sticky Note	Date: 11/02/2020 2:18:25 PM
	Author: coulr Amend action: climate change	Subject: Highlight	Date: 16/01/2020 3:02:00 PM
	Author: coulr Amend action: climate change	Subject: Highlight	Date: 16/01/2020 3:02:09 PM

Comments from page 41 continued on next page



Author: coulr Subject: Highlight Date: 16/01/2020 3:02:18 PM
Amend action:
strategic centre

Author: coulr 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):

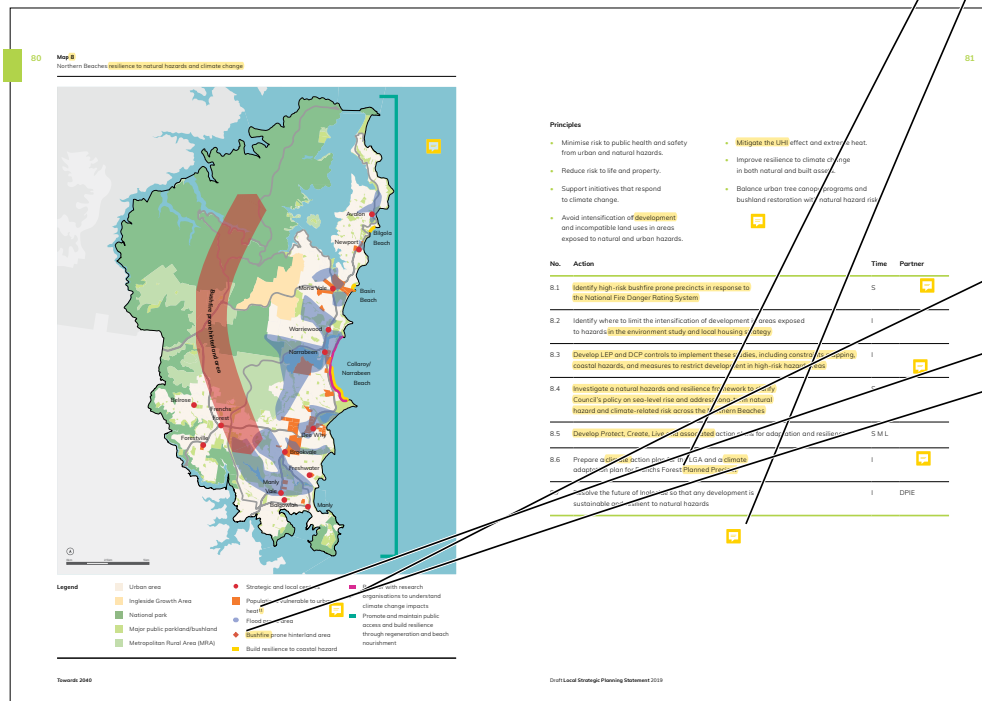
Investigate the establishment of Australia's first Urban Night Sky Place in Palm Beach, addressing public lighting, light pollution and energy consumption

Timing = S

Author: coulr 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: coulr Subject: Highlight Date: 11/02/2020 2:16:45 PM
Endnote 14

Author: coulr Subject: Highlight Date: 22/01/2020 10:14:00 AM
Fix type



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:
30-minute city

Author: Suzy.Lawrence Subject: Highlight Date: 14/02/2020 2:52:05 PM
Amend text:

A 30-minute city would mean

Author: coullr Subject: Highlight Date: 11/02/2020 2:19:00 PM
Amend text:
including

Author: coullr Subject: Highlight Date: 16/01/2020 3:06:46 PM
Amend text:
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. **Research** shows 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, why 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. **Working with** on LGA-wide land use and infrastructure implementation plan that will explore **growth infrastructure compacts** in urban renewed areas and inform reviews of the contribution plans.

Draft Local Strategic Planning Statement 2019

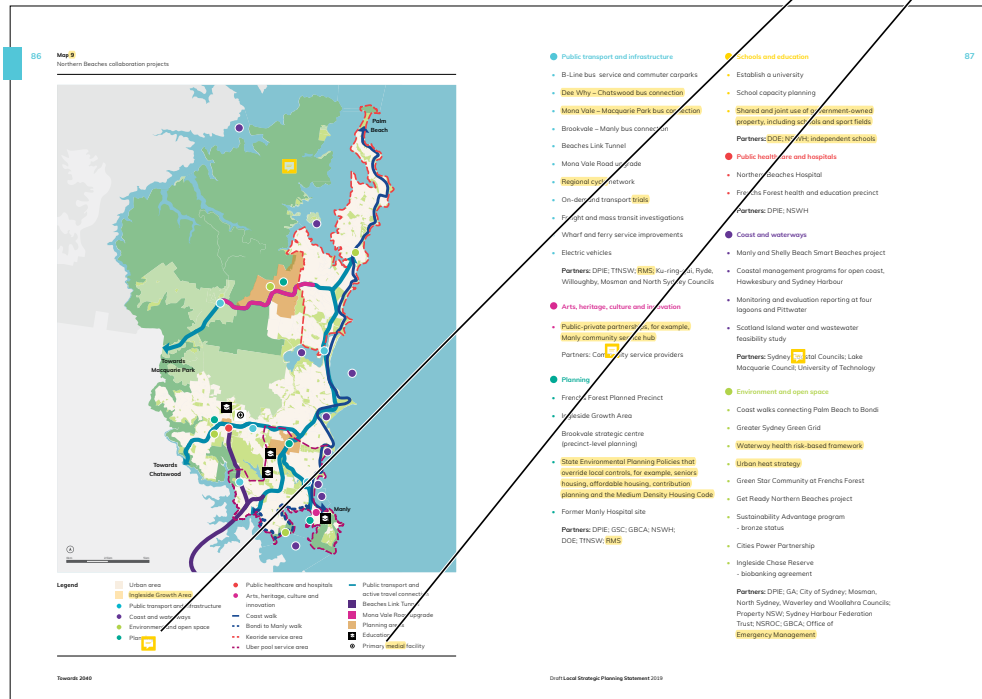
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:23 AM
	Amend text:		
	12		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:02:24 PM
	Amend map legend:		
	Improved bus services between Northern Beaches and Chatswood		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:02:32 PM
	Amend map legend:		
	East-west public transport connection from Mona Vale to Macquarie Park		
	Author: coulr	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: coulr	Subject: Highlight	Date: 22/01/2020 12:02:59 PM
	Amend map legend:		
	Add partner - Office of Sport		
	Author: coulr	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: coulr	Subject: Highlight	Date: 22/01/2020 12:03:11 PM
	Amend map legend:		
	Principal bicycle		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:03:20 PM
	Amend map legend:		
	Delete 'trials'		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:19:41 PM
	Amend map legend:		
	Delete 'RMS'		
	Author: coulr	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: coulr	Subject: Sticky Note	Date: 22/01/2020 12:03:51 PM
	Amend map legend:		
	Add text		
	Libraries		
	Add partners:		
	SL		
	ALIA		
	Author: coulr	Subject: Sticky Note	Date: 11/02/2020 2:20:47 PM
	Amend map legend/add partner:		
	DPIE		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:21:28 PM
	Amend map legend:		
	Move to under 'coast and waterways'		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:22:50 PM
	Amend map legend:		
	Application of State Environmental Planning Policies that override local controls		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:21:47 PM
	Amend map legend:		
	Delete 'urban heat strategy'		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:23:19 PM
	Amend map legend:		
	Delete 'RMS'		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:24:17 PM
	Amend map legend:		
	Delete 'Ingleaside Growth Area'		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:24:57 PM
	Amend map legend/add partners:		
	Office of Sport		
	Sydney Water		
	Resilient Sydney		

Comments from page 44 continued on next page

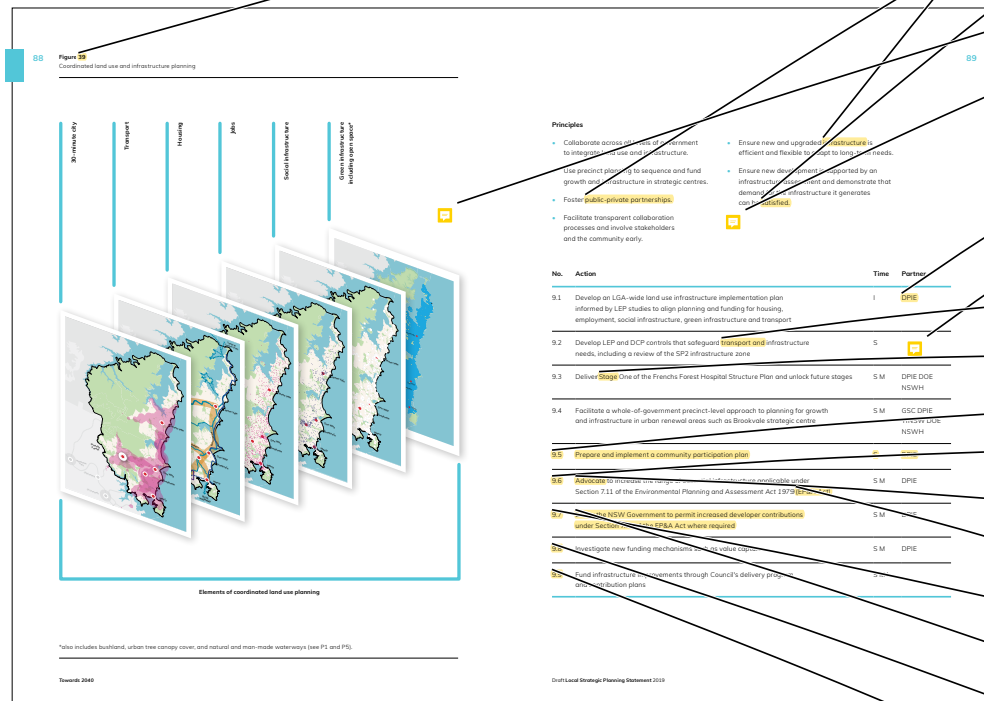
Author: coulr Subject: Sticky Note Date: 16/01/2020 3:12:01 PM

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

Author: coulr Subject: Highlight Date: 16/01/2020 3:12:24 PM
Fix typo



	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:20 AM
	Amend text:		
	40		
	Author: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 3:13:59 PM
	Amend principle:		
	public-private partnerships and shared use of private and public facilities.		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:04:49 PM
	Amend principle:		
	satisfied. This includes social and transport infrastructure.		
	Author: coulr	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: coulr	Subject: Sticky Note	Date: 11/02/2020 2:25:24 PM
	Amend principle:		
	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: coulr	Subject: Highlight	Date: 16/01/2020 3:15:36 PM
	Add partner:		
	TNSW		
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 3:15:45 PM
	Add partner:		
	TNSW		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:15:54 PM
	Amend action:		
	transport, waste and other		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:16:07 PM
	Amend action:		
	Phase		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:07:30 PM
	Delete action		
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:16 AM
	Amend text:		
	9.5		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:16:32 PM
	Amend action:		
	Work with the NSW Government		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:16:42 PM
	Amend action:		
	(EP&A Act), including green and sustainable infrastructure		
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:13 AM
	Amend text:		
	9.6		
	Author: coulr	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: coulr	Subject: Highlight	Date: 21/01/2020 11:18:08 AM
	Amend text:		
	9.7		
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:05 AM
	Amend text:		
	9.8		



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	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:27:52 PM
	Amend text:	the International	
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:10:33 PM
	Amend P14 title: A community enriched through the arts and connected through creativity		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:10:51 PM
	Fix typo: Delete 'the'		
	Author: coulr	Subject: Sticky Note	Date: 11/02/2020 2:28:40 PM
	Add text:	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: coulr	Subject: Highlight	Date: 11/02/2020 2:29:00 PM
	Endnote 19		
	Author: coulr	Subject: Highlight	Date: 14/02/2020 2:53:23 PM
	Amend text:	more than one hour	
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:18:02 AM
	Amend text:	41	
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:29:52 PM
	Endnote 19		

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 all local communities.

• **Priority 14**
An artistic, creative and innovative culture.

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Proposed

World-class education facilities, including a university

Tertiary education and training facilities on the Northern Beaches include CAPE KNOX, 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.

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 LSA has a lower tertiary participation in tertiary education, only 6.7% of the 15 to 64 year age group compared to 9.9% for Greater Sydney. University students on the Northern Beaches mostly live around Dee Why, Balgowlah and Balmoral Hill. They travel between and near to the beach 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 universities, students have few options.

The LSA has a great opportunity, the Franchise Forest health and education precinct, which contains the Northern Beaches Hospital. The North District Plan identifies Franchise Forest as a health and education precinct model that includes university education or a campus.

There are opportunities for research in health and related fields at Franchise Forest in partnership with local health, aged care, sport and recreation sectors. Co-location of a new university with Northern Beaches Hospital would create a world-class health and education precinct with potential for reciprocal benefits of business growth in the new precinct and adjoining business park.

The Northern Beaches has a large population of people aged between five and 24 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.

Figure 40

Other industry specialisation opportunities for higher education on the Northern Beaches

Health

Marine and environment

Climate change

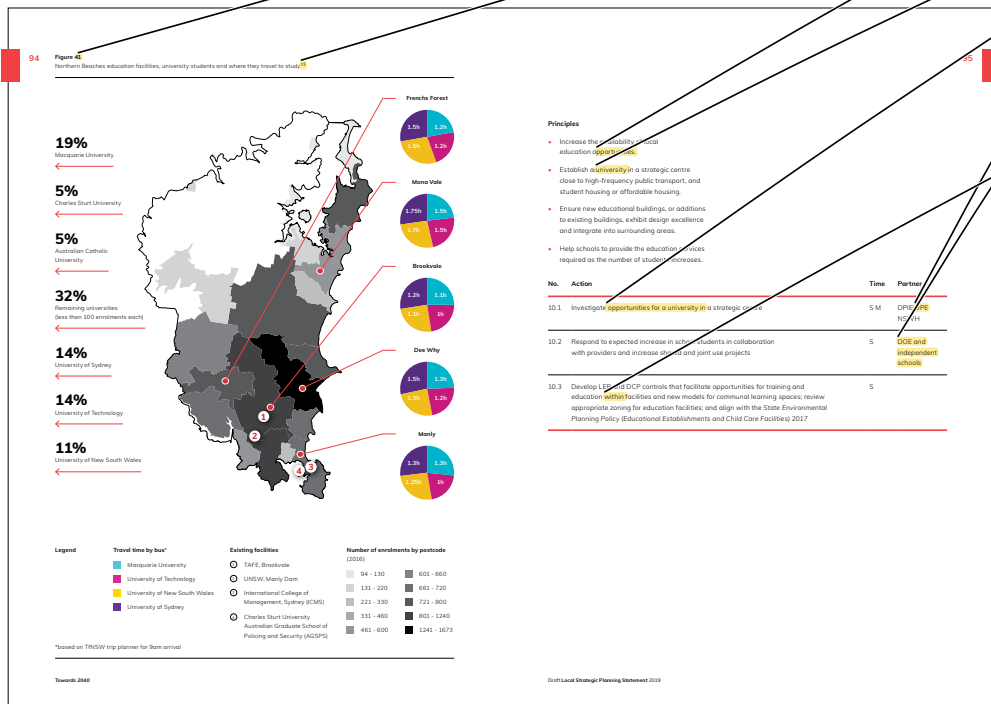
Coastal management

Water management

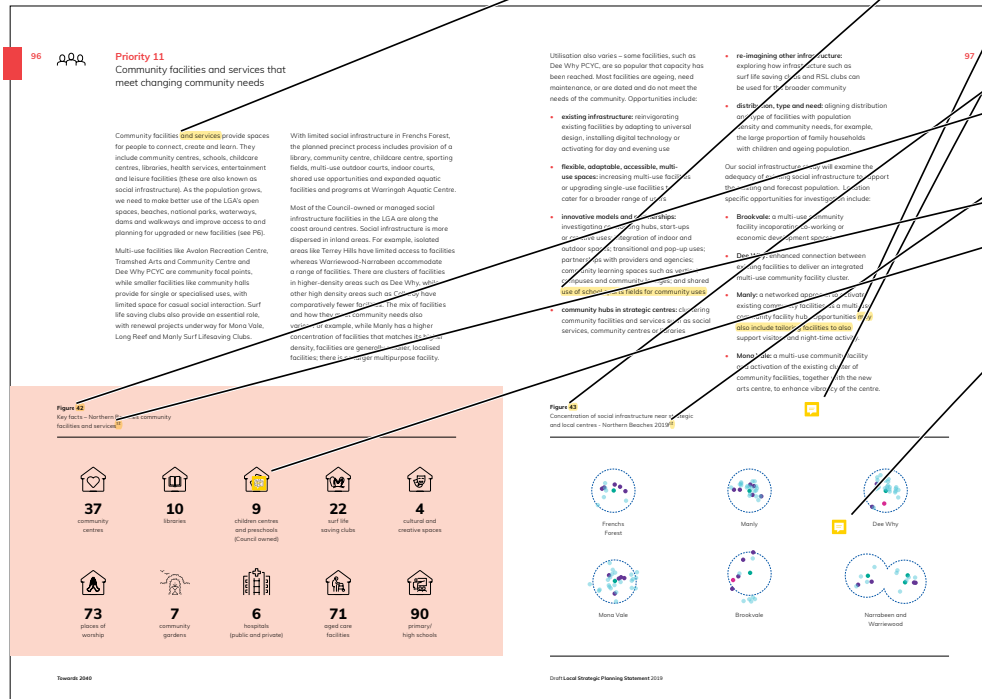
Towards 2040

Draft Local Strategic Planning Statement 2019

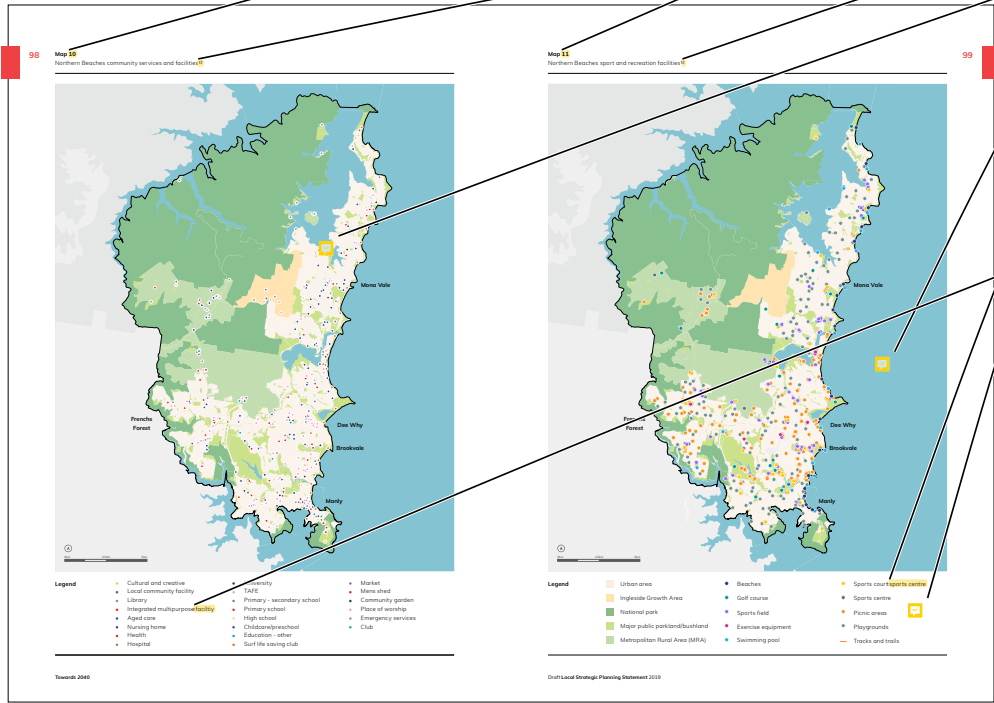
	Author: coulr Amend text: 42	Subject: Highlight	Date: 21/01/2020 11:17:58 AM
	Author: coulr Endnote 19	Subject: Highlight	Date: 11/02/2020 2:30:10 PM
	Author: coulr Amend principle: opportunities, including use of libraries to support individual and group study.	Subject: Highlight	Date: 16/01/2020 3:20:42 PM
	Author: coulr Amend principle: university and/or tertiary education options	Subject: Highlight	Date: 16/01/2020 3:20:51 PM
	Author: coulr Amend action: opportunities and partnerships to bring a university and/or more tertiary education options to	Subject: Highlight	Date: 16/01/2020 3:21:00 PM
	Author: coulr Fix typo - DOE	Subject: Highlight	Date: 16/01/2020 3:22:42 PM
	Author: coulr Add partner: Office of Sport	Subject: Highlight	Date: 16/01/2020 3:23:58 PM
	Author: coulr Amend principle: within existing	Subject: Highlight	Date: 11/02/2020 2:30:46 PM



	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:31:22 PM
	Amend text:		
	Delete		
	Author: coullr	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: coullr	Subject: Highlight	Date: 11/02/2020 2:32:16 PM
	Amend text:		
		include tailoring facilities to	
	Author: coullr	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: coullr	Subject: Highlight	Date: 21/01/2020 11:17:54 AM
	Amend text:		
		44	
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:17:51 AM
	Amend text:		
		43	
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:32:42 PM
	Endnote 15		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:33:08 PM
	Endnote 15		
	Author: coullr	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: coullr	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: coulr Amend text: 13	Subject: Highlight	Date: 21/01/2020 11:17:48 AM
 Author: coulr Amend text: 14	Subject: Highlight	Date: 21/01/2020 11:17:44 AM
 Author: coulr Endnote 15	Subject: Highlight	Date: 11/02/2020 2:33:35 PM
 Author: coulr Endnote 15	Subject: Highlight	Date: 11/02/2020 2:33:48 PM
 Author: coulr Amend map: - New MRA layer	Subject: Sticky Note	Date: 16/01/2020 3:25:20 PM
 Author: coulr Amend map: - New MRA layer - Turn off tracks and trails layer - Add coast walk - Add Bondi to Manly walk	Subject: Sticky Note	Date: 16/01/2020 3:25:46 PM
 Author: coulr Fix typo/ delete	Subject: Highlight	Date: 11/02/2020 2:34:44 PM
 Author: coulr Amend map legend: - Future MRA investigation area - Coast walk - Bondi to Manly walk	Subject: Sticky Note	Date: 16/01/2020 3:26:23 PM
 Author: coulr Fix typo	Subject: Highlight	Date: 11/02/2020 2:34:22 PM



	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:30:32 PM
	Amend text: sportsgrounds, Frenchs Forest		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:30:40 PM
	Amend principle: arts and cultural activity, education and community uses.		
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 3:30:52 PM
	Add partners: Office of Sport ALIA SL		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:31:01 PM
	Amend action: children's		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:31:18 PM
	Amend action: strategy, library strategy,		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:31:26 PM
	Amend action: (thematic or specific demographics such as young people		
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 3:31:36 PM
	Add partner: Office of Sport		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:31:57 PM
	Add partners: Office of Sport SL independent schools		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:32:13 PM
	Add partner: Office of Sport		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:32:21 PM
	Amend action: library, community space and childcare (subject to available funding)		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:32:36 PM
	Add partner: Office of Sport		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:32:48 PM
	Add partner: Office of Sport		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:12:24 PM
	Amend action: Delete		

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 strategy, open space and recreation strategy, Office of Sport strategic community centres strategy, social plan and specialised plan 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	
11.6	Build community services and facilities in Frenchs Forest and Warringah Aquatic Centre, including library and community space	S M	
11.7	Review and implement a memorandum of understanding for joint use projects and establish tracking to monitor progress	S M	
11.8	Investigate funding mechanisms for new social infrastructure, especially through precinct-based urban renewal in strategic centres	S	
11.9	Review 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	

100

Local Works Projects, Division

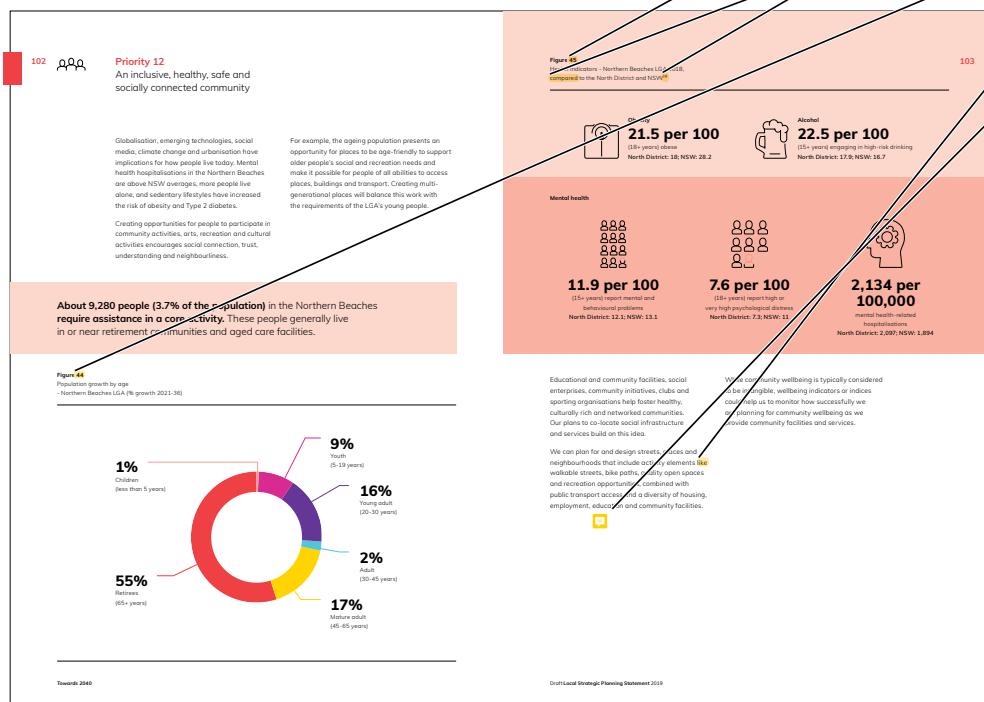
100

Local Works Projects, Division

Towards 2040

Draft Local Strategic Planning Statement 2019

	Author: coulr Amend text: 46	Subject: Highlight	Date: 21/01/2020 11:17:41 AM
	Author: coulr Endnote 20	Subject: Highlight	Date: 11/02/2020 2:35:17 PM
	Author: coulr Amend text: number of people compared	Subject: Highlight	Date: 11/02/2020 2:38:29 PM
	Author: coulr Amend text: 45	Subject: Highlight	Date: 21/01/2020 11:17:35 AM
	Author: coulr Amend text: like cafes,	Subject: Highlight	Date: 16/01/2020 3:33:50 PM
	Author: coulr 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.	Subject: Sticky Note	Date: 11/02/2020 2:38:53 PM
	... Endnote 21 (after 2036)		




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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 of high-frequency public transport.
- Promote active travel and public transport to community facilities and services.
- Cater for social, creative and cultural pursuits and encourage activity in public places.
- Encourage fresh food production in urban areas, such as community gardens, allotment gardens, rooftop gardens and verge gardens.
- Provide accessible, welcoming and safe places for all ages, abilities and incomes.

Café in Newport



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No.	Action	Time	Partner
12.1	Engage early with Strategic Services in project and plan to plan for healthy, safe and socially cohesive communities	S, M	
12.2	Deliver Franche Forest Planned Precinct that provides a range of liveability criteria for healthy and active living, older people and access to fresh food, community development, sport and programs; and celebrating culture, heritage and identity	S, M	NSLHD, NSW GOVERNMENT
12.3	Prepare and implement a comprehensive capital plan to ensure representation in diverse communities	S	NSW
12.4	Prepare a community plan 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; encourage fresh food production in urban areas; design criteria for the public domain, including making it easier to use; 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 and Social Services Policy	S, M	
12.7	Develop wellbeing indicators to monitor community health and community facilities and services provision	S, M	
12.8	Integrate a public transport plan that caters for and improves public transport for concentrations of vulnerable people	S	TRNSW
12.9	Integrate mechanisms to address homelessness	S	QPE

Towards 2040

Drift Local Strategic Planning Document 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:	12.8	
Author: coullr	Subject: Sticky Note	Date: 11/02/2020 2:40:32 PM
New action (A12.9):		

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	DPE TNSW DOE NSW
12.3	Prepare and implement a community participation plan to ensure representation from diverse communities	S	DPE
12.4	Prepare a social infrastructure study, open space and recreation strategy, social place and specialised places for specific demographics (young people, older people, people with a disability or people from a culturally or linguistically diverse background) community centre strategy	I	ca
12.5	Develop LEP and DCP controls that respond to these studies and address universal design requirements; communal spaces in residential flat buildings, including rooftop ; 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	ca
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	ca
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	DPE



Cafes in Newport



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

 Author: coullr Endnote 22	Subject: Highlight	Date: 11/02/2020 2:40:54 PM
 Author: coullr Amend text: four Aboriginal Places and 1,060 recorded Aboriginal Sites	Subject: Highlight	Date: 11/02/2020 2:41:13 PM
 Author: coullr Amend text: These include	Subject: Highlight	Date: 11/02/2020 2:42:08 PM
 Author: coullr Endnote 22	Subject: Highlight	Date: 11/02/2020 2:42:28 PM
 Author: coullr Add partner: MLALC	Subject: Highlight	Date: 16/01/2020 3:40:17 PM
 Author: coullr Amend action: schemes; feasible and appropriate land use opportunities;	Subject: Highlight	Date: 16/01/2020 3:38:54 PM
 Author: coullr Amend action: Implement the community participation plan and incorporate	Subject: Highlight	Date: 11/02/2020 2:43:15 PM
 Author: coullr Amend text: with	Subject: Highlight	Date: 11/02/2020 2:43:33 PM
 Author: coullr Amend text: and Torres Strait Islander communities.	Subject: Highlight	Date: 11/02/2020 2:44:02 PM
 Author: coullr Amend action: in collaboration with Aboriginal	Subject: Highlight	Date: 16/01/2020 3:39:11 PM
 Author: coullr Amend partner: North District councils	Subject: Highlight	Date: 22/01/2020 12:15:44 PM

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Priority 13
Strong engagement and cooperation with Aboriginal communities

Before European settlement, Northern Sydney Aboriginal clans lived along the coast, fishing and hunting in the ocean and harvesting food from the surrounding bush.

There are **more than 440 identified Aboriginal heritage sites** on the Northern Beaches. These sites include 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 1,000 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 14). 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, Inspiring Reserve



Northern Beaches Council supports **provisional representation** between Aboriginal peoples and the councils of the North District.

Principles

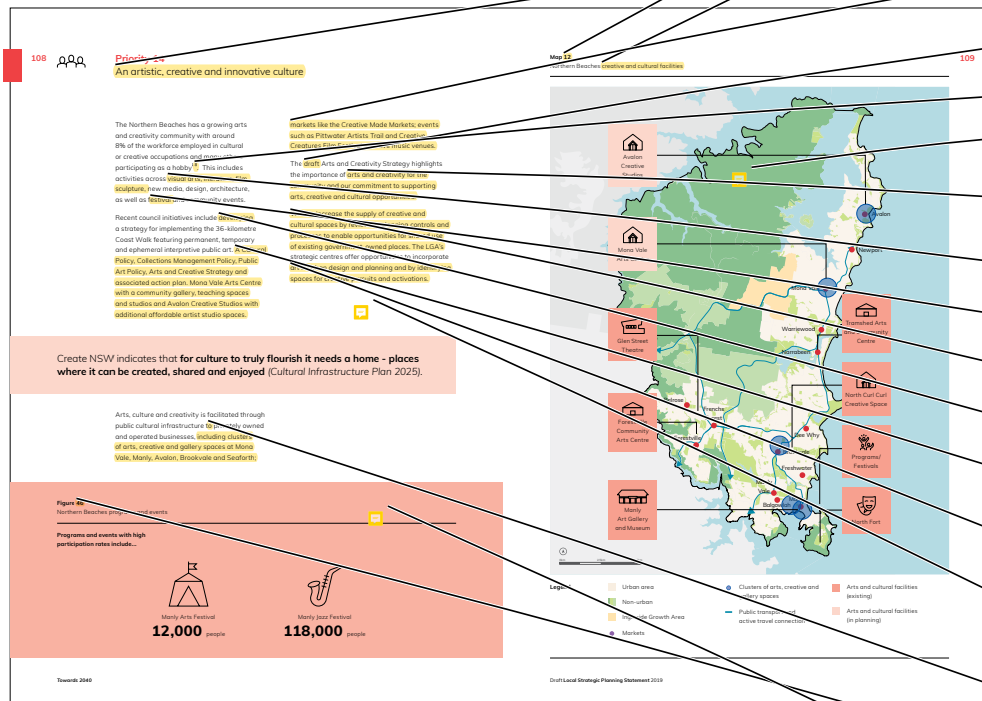
- Promote, preserve and protect Aboriginal and Torres Strait Islander heritage and culture in partnership with local Aboriginal and Torres Strait Islander communities.
- Recognise, honour and protect Aboriginal arts, culture and heritage through the design of public spaces, public art, festivals and support for social and economic initiatives.
- Promote education, arts and cultural programs to foster the community appreciation and celebration of Aboriginal and Torres Strait Islander cultural heritage.
- Engage Aboriginal and Torres Strait Islander people in planning and decision-making.

No.	Action	Time	Partner
13.1	Develop LEP and DCP controls to protect Aboriginal heritage and cultural significance including Government Architect Sydney City Grid (once finalised)	S	AHO GA DPE
13.2	Finalise the Crown Lands Transfer Program	S	DPE MLALC
13.3	Work with MLALC to implement initiatives in their community land and business plan including tourism packages and aspirations for a cultural centre, homelessness strategy and social housing schemes and identification and protection of places with local cultural heritage values	S	MLALC 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: <ul style="list-style-type: none">a. engaging an Aboriginal Liaison Officer to direct how we consult with local Aboriginal and Torres Strait Islander peopleb. establishing either a local reconciliation action plan or treaty between Aboriginal and Torres Strait Islander people of the northern parts of Sydney and respective councilsc. supporting a national treaty between Aboriginal and Torres Strait Islander people and all levels of government	S	AHO MLALC Councils

Towards 2040

Draft Local Strategic Planning Statement 2019

	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:17:08 AM
	Amend text:		
	15		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:44:22 PM
	Amend text:		
	creative spaces and places snapshot		
		
	Endnote 23		
	Author: coulr	Subject: Highlight	Date: 23/03/2020 3:17:40 PM
	Amend P14 title: A community enriched through the arts and connected through creativity		
	Author: coulr	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 Seaforth, jewellers, ceramics groups, painters, sculptors, writers, film-makers, screen printers and musicians, the Northern Beaches is a powerhouse of creative industries.		
	Author: coulr	Subject: Highlight	Date: 22/01/2020 12:16:27 PM
	Amend text:		
	Delete		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:44:41 PM
	Endnote 23		
	Author: coulr	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: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 3:41:39 PM
	Amend text:		
	visual and performing arts, literature, film, fashion,		
	Author: coulr	Subject: Highlight	Date: 11/02/2020 2:45:06 PM
	Amend text:		
	festivals		
	Author: coulr	Subject: Highlight	Date: 16/01/2020 3:41:48 PM
	Amend text:		
	Our		
	Author: coulr	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: coulr	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: coulr	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: coulr	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: coulr	Subject: Highlight	Date: 16/01/2020 3:42:18 PM
	Amend text:		
	as well as		
	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:17:05 AM
	Amend text:		
	47		
	Author: coulr	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'		
		
	Endnote 23		



- Author: coulr 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: coulr 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: coulr Subject: Sticky Note Date: 16/01/2020 3:44:44 PM
Replace photo
- Author: coulr 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: coulr 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: coulr 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: coulr 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: coulr 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: coulr Subject: Highlight Date: 11/02/2020 2:46:31 PM
Amend action:
a contemporary arts and creativity centre
- Author: coulr Subject: Highlight Date: 16/01/2020 3:46:05 PM
Amend action:
Provide artist studios and workshop space at Avalon Golf Course
- Author: coulr 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

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Principles

- Create a network of arts, cultural and creativity spaces that contribute to the community well-being.
- 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	LT	
14.2	Develop LEP and DCP controls that respond to social infrastructure and employment studies, the strategic development plan and the Arts and Creativity Strategy, including temporary use such as markets in community centres and facilitate public art in public spaces, private development and use of vacant tenancies for arts, cultural and 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	NSWHL Due
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 Strategic Plan – including permanent public art and temporary art projects, heritage interpretation and public art and cultural programs	LT	
14.6	Deliver a new arts centre in 2020	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	

Mural, Mostly

Towards 2040

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	Author: SuzyLawrence	Subject: Highlight	Date: 14/02/2020 2:57:44 PM
	Amend text: 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: strategic centre.		
	Author: coullr	Subject: Highlight	Date: 14/02/2020 2:58:06 PM
	Amend text: 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: Low Rise Medium Density Housing		
	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:49:53 PM
	Amend text: 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: 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: 1 July 2020		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 3:49:56 PM
	Amend text: Low Rise Medium		

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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 the Frenchs Forest, Brookvale and Mona Vale, and surrounding 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.

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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 development in existing centres and in areas such as the Frenchs Forest Valley. We will develop a 20-year housing target and a 20-year plan to 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.

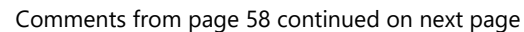
There is capacity for around 6,400 new dwellings to be developed in areas already zoned for growth and 4,360 dwellings are planned in the Frenchs Forest **Planned Precinct**. Housing investment could also result from plans for the Ingleburn Growth Area, the Brookvale Strategic Plan Area and through implementation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

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 Maitland 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.



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: coulr Subject: Highlight Date: 22/01/2020 12:20:26 PM

Amend principle:
risks from natural and urban hazards, or

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While most housing demand to 2036 can be met through existing housing capacity and developing the Frenchs Forest **Planned Precinct**, we must also consider:

- current low levels of social housing and affordable housing stock (see P16)
- limited public transport and existing road capacity issues
- current State housing policies including policies for seniors housing, boarding houses and proposed **medium density** housing controls
- the LGA's natural environment, character and amenity, which constrain development
- housing that caters for different demographic groups, especially older people and families.

There is capacity for new shop-top housing or medium density housing in mixed use areas around Brookvale, Dee Why, Mona Vale and Manly and some local centres. Our local housing strategy will **enable** how we can unlock land for new housing around strategic centres, as below:

- **Frenchs Forest:** This **State-led Planned Precinct** will accommodate around 4,360 new homes over the next 20 years. **With Stage One comprising 2,000 dwellings and further stages subject to infrastructure, including a public transport link to Chatswood and Beaches Link Tunnel.**
- **Brookvale:** While renewal opportunities will support Brookvale as a place for jobs, new housing will be provided subject to infrastructure such as B-Line improvements, public transport to Chatswood and an express bus to Manly.

- **Dee Why:** New homes can be built under existing planning controls, with opportunities to diversify housing types around the centre.
- **Mona Vale:** Opportunities exist for new housing near the centre that complements the village character.
- **Manly:** Any new housing must balance requirements for short-term visitor accommodation with housing options for permanent residents within heritage constraints.

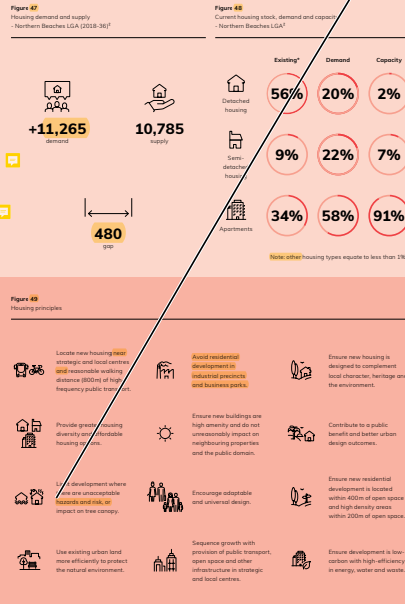
Existing residential areas will be investigated for increased housing diversity ('missing middle'), focusing on areas up to 1.5km from strategic and local centres with high-frequency public transport. **Villages could accommodate housing that can be adapted for people to remain in their communities as their housing needs change.**

Other investigations for new housing would need to consider constraints such as natural hazards and the high conservation value of the Metropolitan **Rural Areas that includes Orford Falls Valley and Belrose North** (see P4).

The new LEP and DCP will include controls to encourage high quality, well designed buildings, including medium density housing controls to create healthy, liveable neighbourhoods. Our local housing strategy will explore options for how we can address the housing needs of our community into the future.

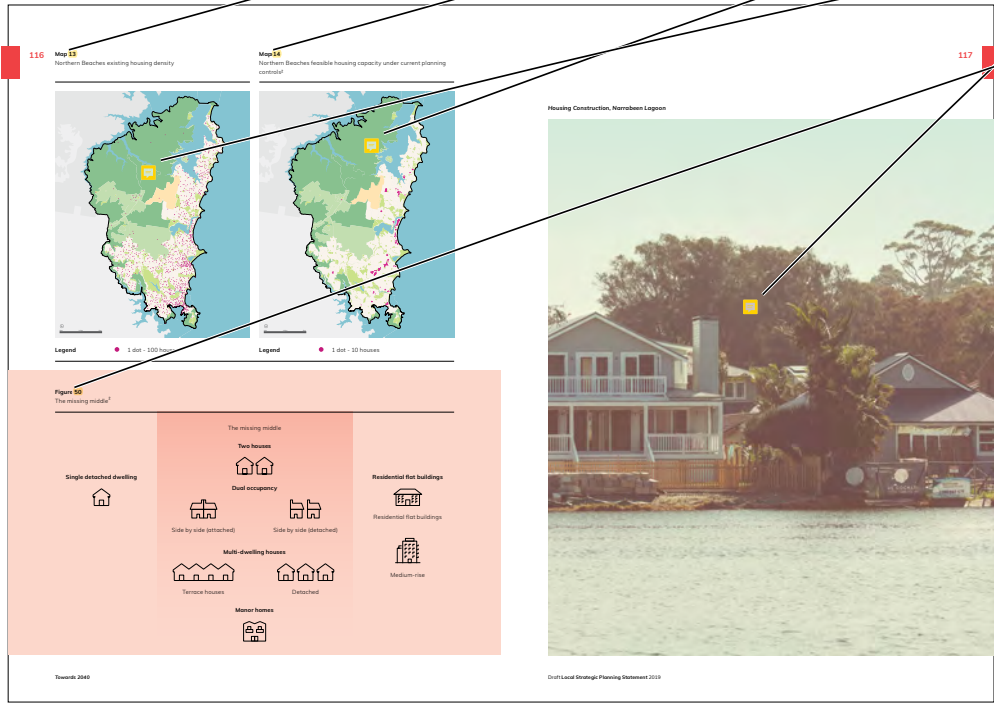
Towards 2040








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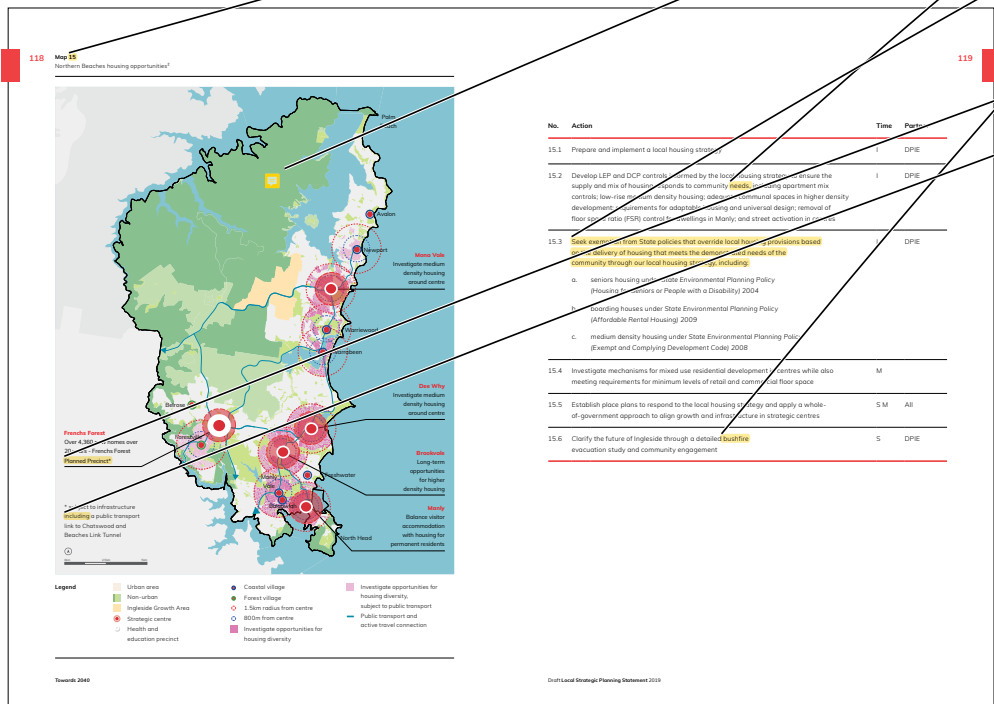


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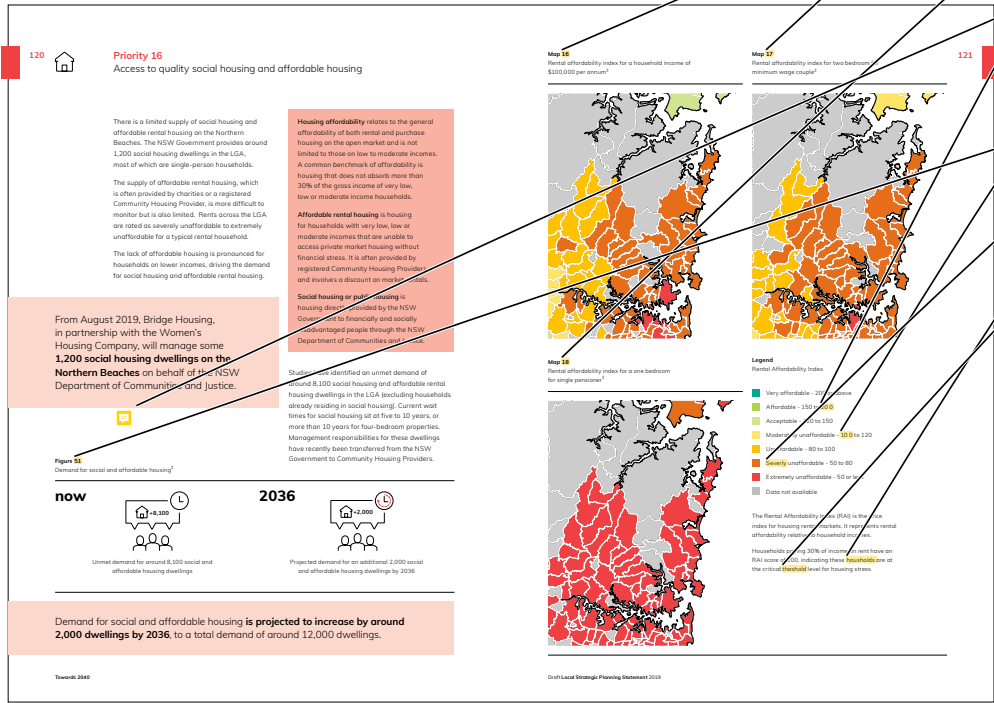
 Author: coulr Amend text: 16	Subject: Highlight	Date: 21/01/2020 11:16:50 AM
 Author: coulr Amend text: 17	Subject: Highlight	Date: 21/01/2020 11:16:47 AM
 Author: coulr Amend map: - New MRA layer	Subject: Sticky Note	Date: 16/01/2020 3:53:28 PM
 Author: coulr Amend map: - New MRA layer	Subject: Sticky Note	Date: 16/01/2020 3:53:38 PM
 Author: coulr Replace photo	Subject: Sticky Note	Date: 11/02/2020 2:52:20 PM
 Author: coulr Amend text: 52	Subject: Highlight	Date: 21/01/2020 11:16:44 AM



























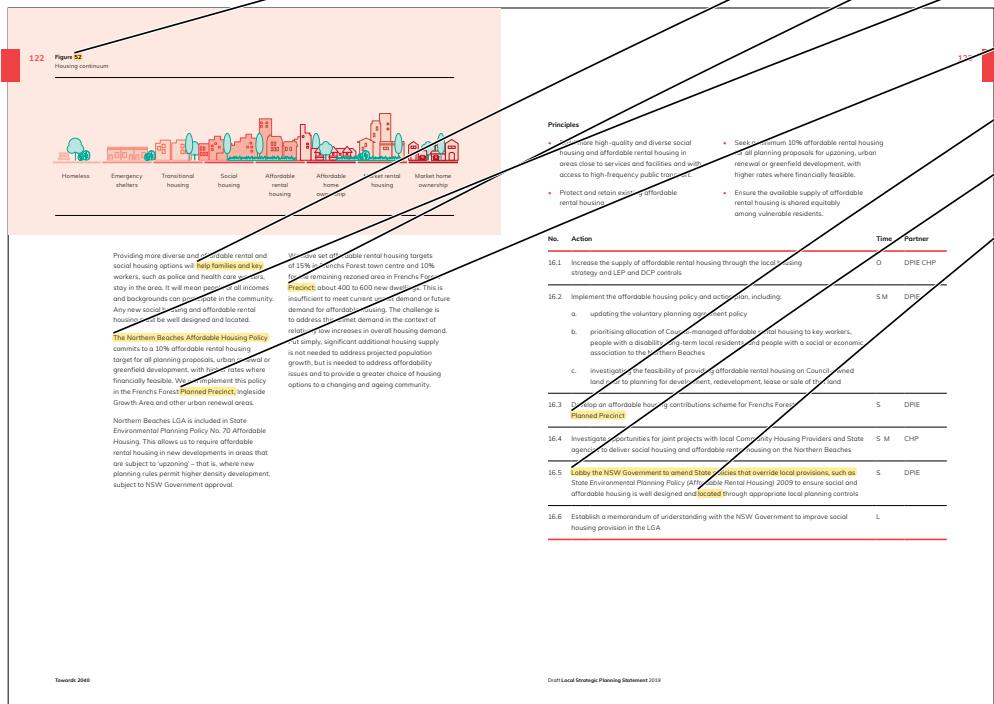
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:16:41 AM
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	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 3:53:57 PM
	Amend map: - New MRA layer		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 3:54:07 PM
	Amend action: needs and minimises 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 11:16:35 AM
	Amend text:		
	20		
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:16:31 AM
	Amend text:		
	19		
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:16:27 AM
	Amend text:		
	21		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 3:59:44 PM
	Fix typo		
	Author: coullr	Subject: Sticky Note	Date: 13/02/2020 1:42:46 PM
	Add text:		
	In 2016, there were 20,126 people in low income households living in the Northern Beaches. Low income households are defined as households falling into approximately the bottom 20% of equivalised incomes across Australia. For 2016, this includes households under \$500 per week.		
		
	Endnote 3		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 3:59:38 PM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:16:25 AM
	Amend text:		
	53		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 3:59:57 PM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:00:08 PM
	Fix typo		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:00:20 PM
	Fix typo		



	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: 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: SuzyLawrence	Subject: Sticky Note	Date: 23/03/2020 2:02:36 PM
	Amend text: As we undertake place planning, we will respond to demographic changes and plan for centres that respond to local needs. This includes planning for age-friendly centres that cater for the needs of older people such as improved walkability to support independence later in life.		
	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;		

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Figure 55

Local character wheel and examples of local initiatives









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

Priority 22-27 include precinct-specific principles for French 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 for walking, cycling and public transport opportunities.
- Encourage creative district dining, night-time activity, events and temporary and interim uses.


No.	Action	Time	Partner
17.1	Prepare a local character study, local housing strategy, scenic and cultural landscapes study, develop design excellence provisions, improve design criteria for the public domain, and incorporate local character statements for key areas	1.5	
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	5 M	
17.3	Prepare and implement activation plans to establish partnerships with businesses and the community, starting with Seaford, Newport and Forestville	0	Local businesses
17.4	Establish a design excellence review panel	5	

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

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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 29 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.

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Part 54


Heritage principles

While heritage items in the former Manly LGA were reviewed and assessed in 2015, a list of state heritage items to be assessed. Previous heritage reviews for the former Warringah and Manly LGAs were either limited or not adopted and a study of modern architecture is required across the LGA.


As a result, we need to identify and list buildings and areas with potential heritage significance in the LGA. This includes items that represent multiple properties, such as whole streets in Manly, that may be better listed as groups or conservation areas, ensuring significant properties are individually listed. This process could also consider known and assessed heritage items and heritage conservation areas, and correct legal descriptions, mapping and other identified errors on listed items.




Encourage creative reuse of heritage items.



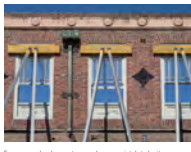
Encourage and promote public awareness, appreciation and knowledge of heritage conservation.



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



Identify, conserve and enhance local and state heritage.



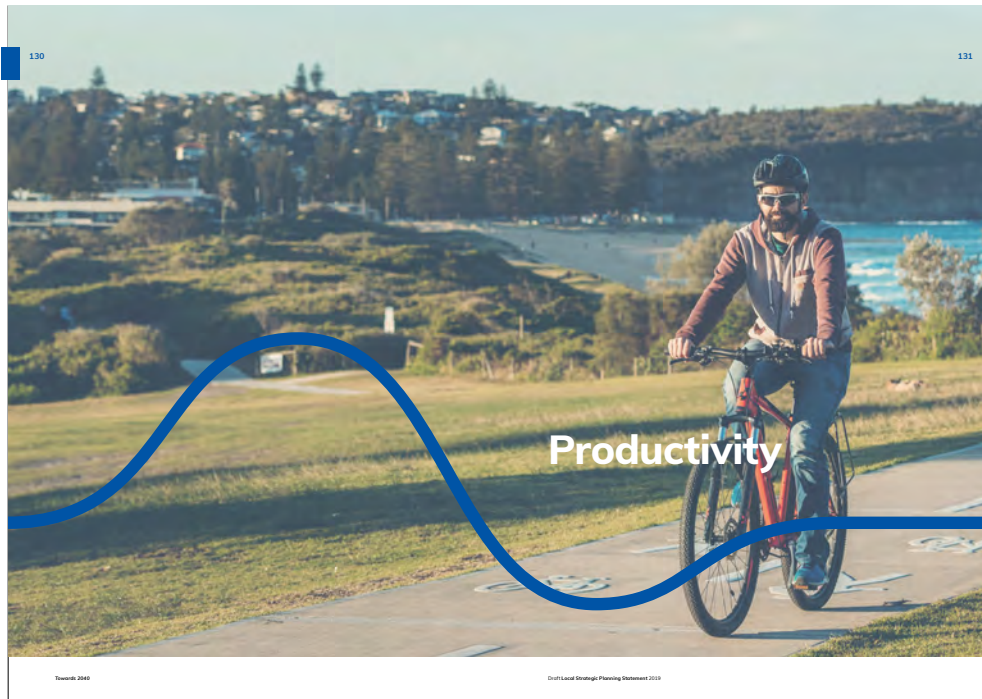
Ensure new development responds appropriately to heritage items, conservation areas and values, significance, views, context and character.

No.	Action	Time	Partners
18.1	Prepare and implement the heritage strategy; modern architecture study; thematic history project; heritage conservation areas review; local and ocean pools study; moveable heritage policy; and local heritage assistance grant program	S M	Heritage DPC, AHD GA, DPIE
18.2	Develop LEP and DCP controls that protect 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 DPC, AHD GA, DPIE
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	

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This page contains no comments



	Author: coullr	Subject: Highlight	Date: 11/02/2020 2:59:36 PM
	Add text:		
	in our Transport Strategy,		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:04:45 PM
	Amend P21 title:		
	Redesigned road space		
	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:15:58 AM
	Amend text:		
	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 and transport networks
- Priority 21**
Road space and facilities to match changing community needs

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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 to work, the LGA public transport is higher than the Sydney CBD and North Sydney. The car use is highest for those travelling to the Ring-gate, Pydie, Parramatta and Westwood or north towards the Vasey Islands. are showing a high private transport 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.

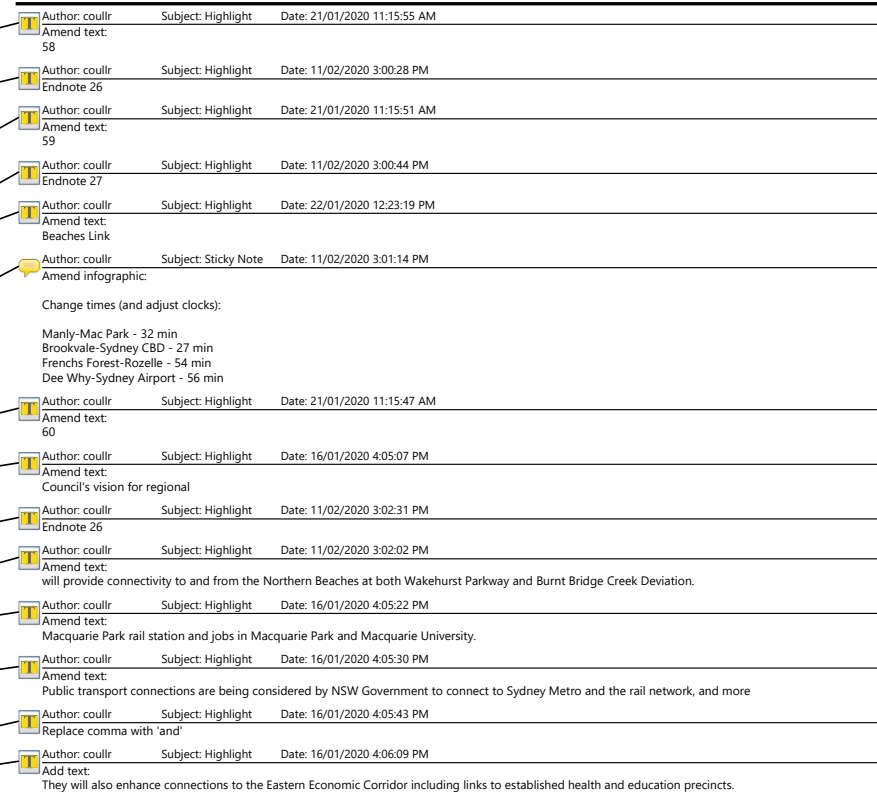
Our focus on strategic centres will incorporate planning for high-frequency public transport links into and out of all the Northern Beaches and between strategic centres to work towards the targets set out in [Move](#).

Figure 55
Northern Beaches
modal transport targets

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

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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

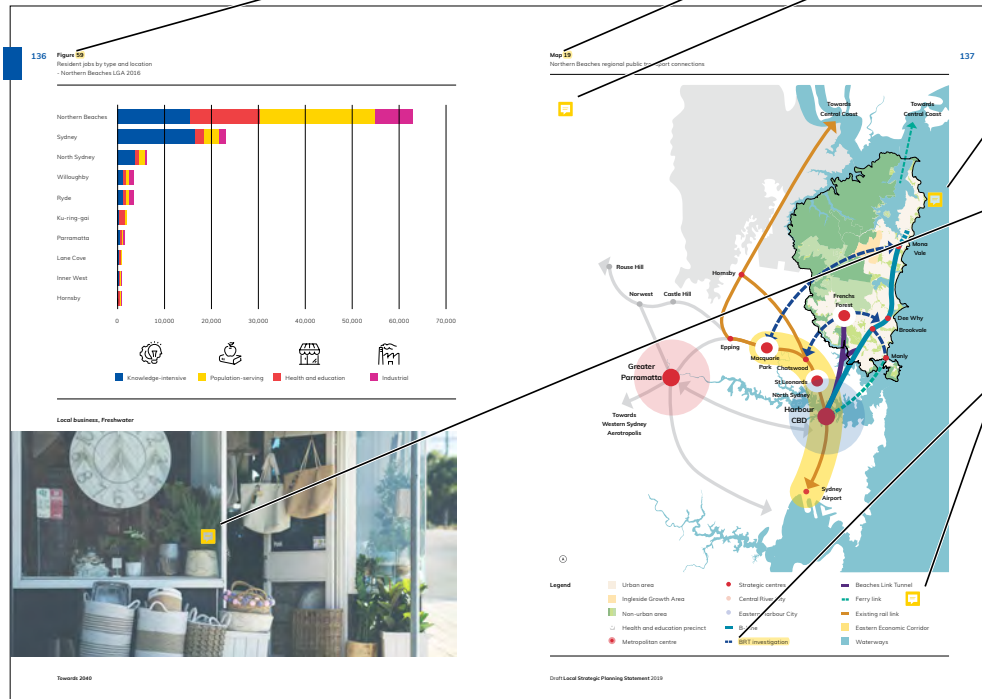
Author: coulr Subject: Sticky Note Date: 11/02/2020 3:02:54 PM
Add a text box on map:
Transport for NSW initiatives for investigation 0-10 years (Future Transport 2056):
...
A = Improved bus services between Northern Beaches and Chatswood
...
B = East-west public transport connection from Mona Vale to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

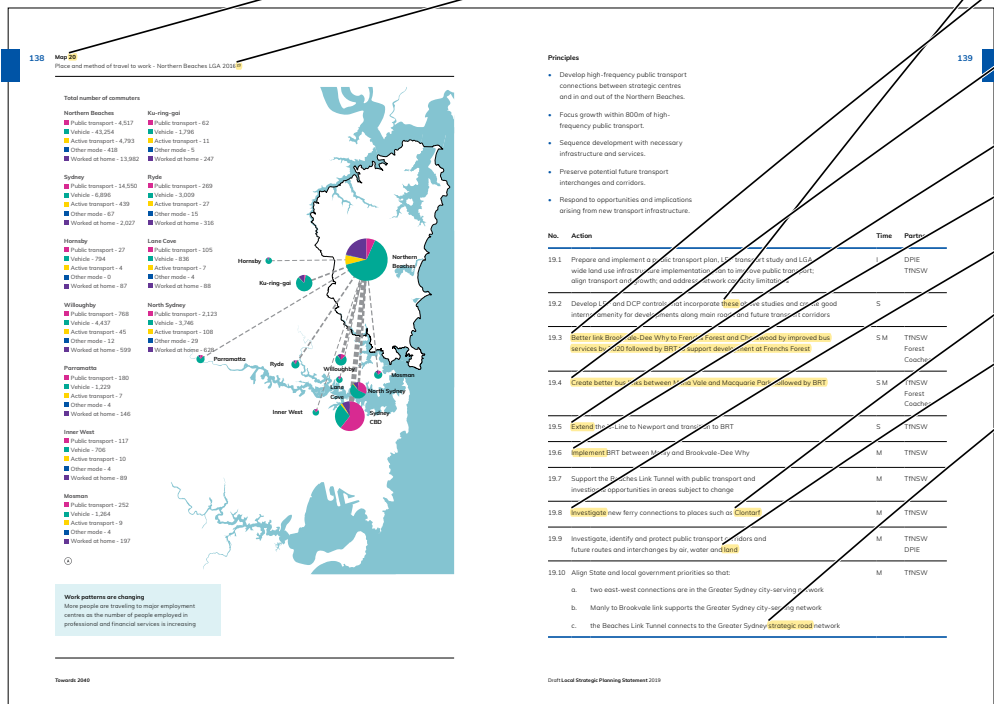
Author: coulr Subject: Sticky Note Date: 11/02/2020 3:03:48 PM
Replace photo









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

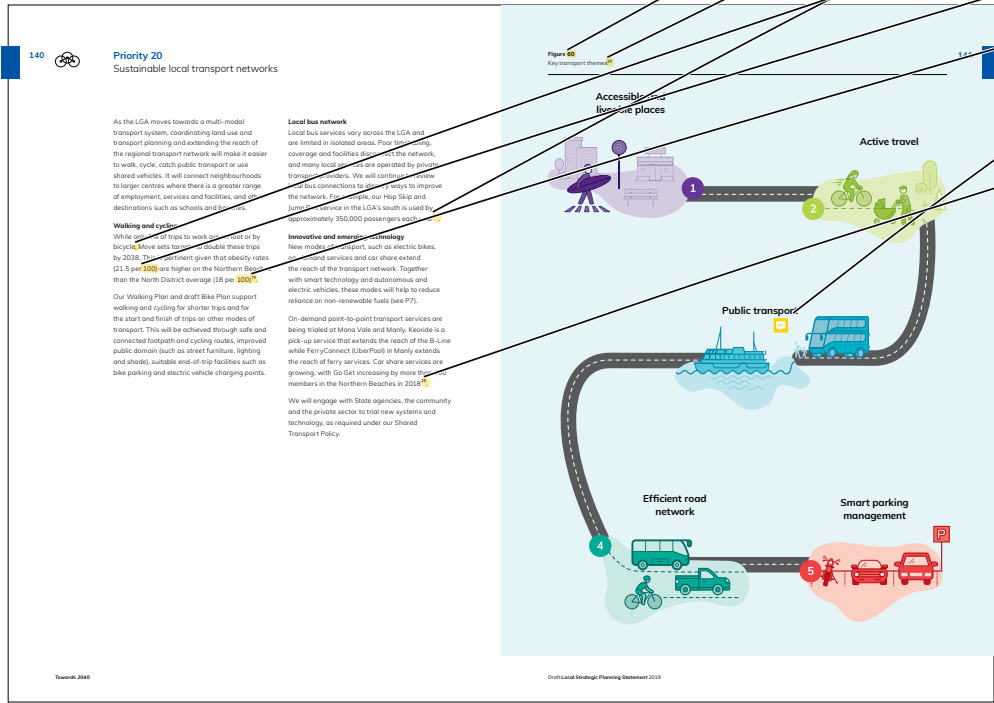
Author: coulr Subject: Highlight Date: 16/01/2020 4:10:38 PM
Amend text:
Major infrastructure upgrades









11	Author: coullr Amend text: 23	Subject: Highlight	Date: 21/01/2020 11:15:37 AM
11	Author: coullr Endnote 29	Subject: Highlight	Date: 11/02/2020 3:04:08 PM
11	Author: coullr Amend action: the	Subject: Highlight	Date: 11/02/2020 3:04:33 PM
11	Author: coullr 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	Subject: Highlight	Date: 16/01/2020 4:11:05 PM
11	Author: coullr 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	Subject: Highlight	Date: 16/01/2020 4:11:15 PM
11	Author: coullr Amend action: Advocate for extension of	Subject: Highlight	Date: 16/01/2020 4:11:25 PM
11	Author: coullr Amend action: Advocate for	Subject: Highlight	Date: 16/01/2020 4:11:34 PM
11	Author: coullr Amend action: Advocate for	Subject: Highlight	Date: 16/01/2020 4:11:51 PM
11	Author: coullr Amend action: Clontarf and improved ferry services to Manly	Subject: Highlight	Date: 16/01/2020 4:11:59 PM
11	Author: coullr Amend action: land, including mass transit	Subject: Highlight	Date: 16/01/2020 4:12:07 PM
11	Author: coullr Amend action: city-serving and strategic road	Subject: Highlight	Date: 16/01/2020 4:12:21 PM




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



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

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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 places 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 livability and safety of places. The framework acknowledges that the needs and expectations of the community change for different street environments.

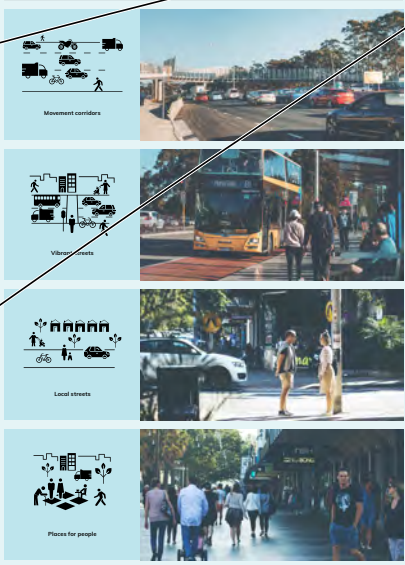
Centres and villages are people-orientated, where public transport, walking, cycling and small-vehicle freight access are important. Manly, for example, is a busy place with less car use and more pedestrians. Pedestrianised laneways have activated the town centre while creating a great place for people.

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.

Figure 51

Movement and place framework



Movement corridors

Village streets

Local streets

Places for people

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By 2036, freight movements in Sydney will grow by 50%, due to an increase in e-commerce deliveries, residential activities and increased waste collection. 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 block 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 all goods and truck movements in areas such as The Cause 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 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 rail 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.

Towards 2040

Drift Local Strategic Planning Statement 2019

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

1 Author: coullr Subject: Highlight Date: 11/02/2020 3:12:57 PM
network and freight infrastructure
...
Endnote 33

1 Author: coullr 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).

1 Author: coullr Subject: Highlight Date: 16/01/2020 4:16:44 PM
Amend action:

collections; common user and secure storage facilities;

1 Author: coullr Subject: Highlight Date: 16/01/2020 4:16:52 PM
Amend action:

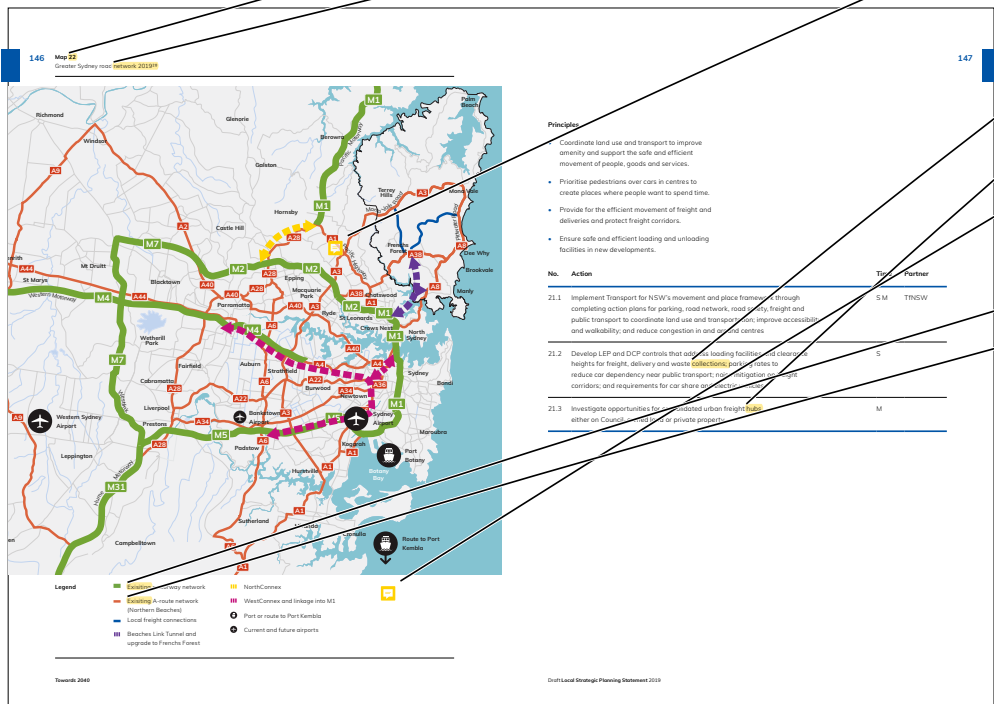
hubs, shared spaces and kerbside space for freight activities

1 Author: coullr 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

1 Author: Suzy.Lawrence Subject: Highlight Date: 24/02/2020 11:20:04 AM
Fix typo

1 Author: Suzy.Lawrence Subject: Highlight Date: 24/02/2020 11:20:14 AM
Fix typo



	Author: coullr Amend text: 64	Subject: Highlight	Date: 21/01/2020 11:15:25 AM
	Author: coullr Amend infographic: 13,300	Subject: Highlight	Date: 16/01/2020 4:18:07 PM
	Author: coullr Amend infographic: 4,000* ... *Frenchs Forest Precinct Plan - Phase One	Subject: Highlight	Date: 16/01/2020 4:18:27 PM
	Author: coullr Amend text: 65	Subject: Highlight	Date: 21/01/2020 11:15:22 AM
	Author: coullr Replace photo	Subject: Sticky Note	Date: 11/02/2020 3:13:27 PM

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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**
Dree 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

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 2011-2016, primarily in Manly. Over the next 20 years, we expect to see employment grow in Brookvale (Warringah Mall and industrial precinct), Frenchs Forest (including the precincts of Dree Why and Warriewood), Mona Vale (along the industrial precinct), and Manly (centres will increase to meet the needs of the local population).

Figure 62
Job target - Northern Beaches LGA¹

Centre	Jobs - 2016 estimate	Jobs - 2036 target (low-high)	Growth	Industries
Frenchs Forest	100	13,300-13,600	3,300-3,500	Health
Brookvale City	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	100	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

Movement within LGA

Movement from LGA

■ Knowledge-intensive = 18%

■ Health and education = 18%

■ Population-serving = 53%

■ Industrial = 11%

■ Knowledge-intensive = 24.5%

■ Health and education = 23.5%

■ Population-serving = 39%

■ Industrial = 13%

■ Knowledge-intensive = 36%

■ Health and education = 20%

■ Population-serving = 32%

■ Industrial = 12%

Towards 2040

Draft Local Strategic Planning Statement 2019



they²⁹.

- **facilitating innovative environments to support and connect industries** such as flexible floorspace in local centres to co-locate commercial uses with social infrastructure, such as libraries or community work hubs, to support start-up businesses
- **providing high-quality and industry appropriate commercial and industrial floorspace** focusing on flexible division of floorspace that supports small businesses

- **facilitating innovative environments to support and connect industries** such as flexible floorspace in local centres to co-locate commercial uses with social infrastructure, such as libraries or community work hubs, to support start-up businesses
 - **providing high-quality and industry appropriate commercial and industrial floorspace** focusing on flexible division of floorspace that supports start businesses
 - **planning for age-friendly centres** that provide **employment** opportunities to support independence later in life and centres and businesses that cater to the needs of older people.
- New development in strategic centres will contribute to the overall growth of the centre and specific directions outlined in priorities 23-27.



	Author: coullr Amend text: 26	Subject: Highlight	Date: 21/01/2020 11:15:19 AM
	Author: coullr New text: Retail has traditionally played a significant role in the LGA and is our second largest employer.	Subject: Sticky Note	Date: 16/01/2020 4:18:54 PM
	Author: coullr Amend map - add note: Note: Centres are also considered employment hubs	Subject: Sticky Note	Date: 22/01/2020 12:26:34 PM
	Author: coullr Endnote 34	Subject: Highlight	Date: 11/02/2020 3:13:50 PM
	Author: coullr Amend map: - New MRA layer	Subject: Sticky Note	Date: 16/01/2020 4:19:14 PM
	Author: coullr Amend map: connectivity and economic links to the Eastern Economic Corridor, including the health and education precincts at Macquarie Park and St Leonards.	Subject: Highlight	Date: 22/01/2020 12:26:47 PM
	Author: coullr Amend text: employment and volunteer	Subject: Highlight	Date: 16/01/2020 4:19:31 PM
	Author: SuzyLawrence fix spacing	Subject: Highlight	Date: 14/02/2020 3:03:43 PM
	Author: coullr Amend text: with diversification and high-value	Subject: Highlight	Date: 11/02/2020 3:14:24 PM
	Author: coullr Amend text: Area (MRA) and future MRA investigation area	Subject: Highlight	Date: 16/01/2020 4:19:39 PM
	Author: coullr Amend map legend: - Future MRA investigation area	Subject: Sticky Note	Date: 16/01/2020 4:20:05 PM

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

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 creative clusters.
- Foster business networks and partnerships to connect, promote and grow business.

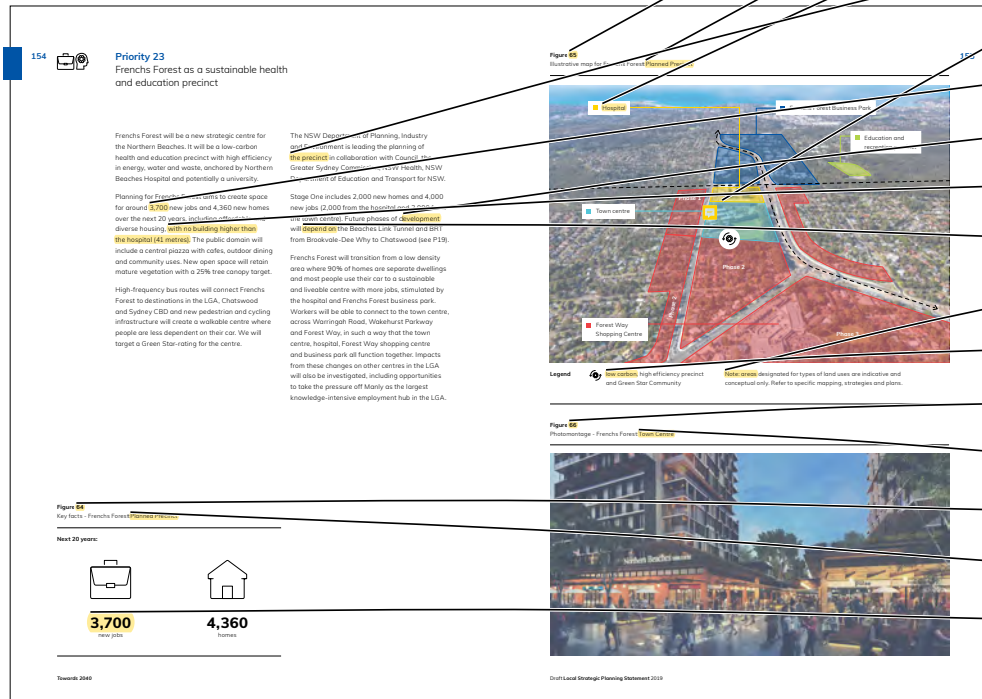
No.	Action	Time	Partner
22.1	Complete the LEP employment study and develop LEP and DCP controls to grow job opportunities; review commercial and retail land supply; review industrial lands; promote innovation; and improve density and design of centres and non-residential buildings		
22.2	Prepare and implement an economic development plan that responds to the findings of the LEP employment study to build local economic resiliency	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



Local businesses, Mona Vale

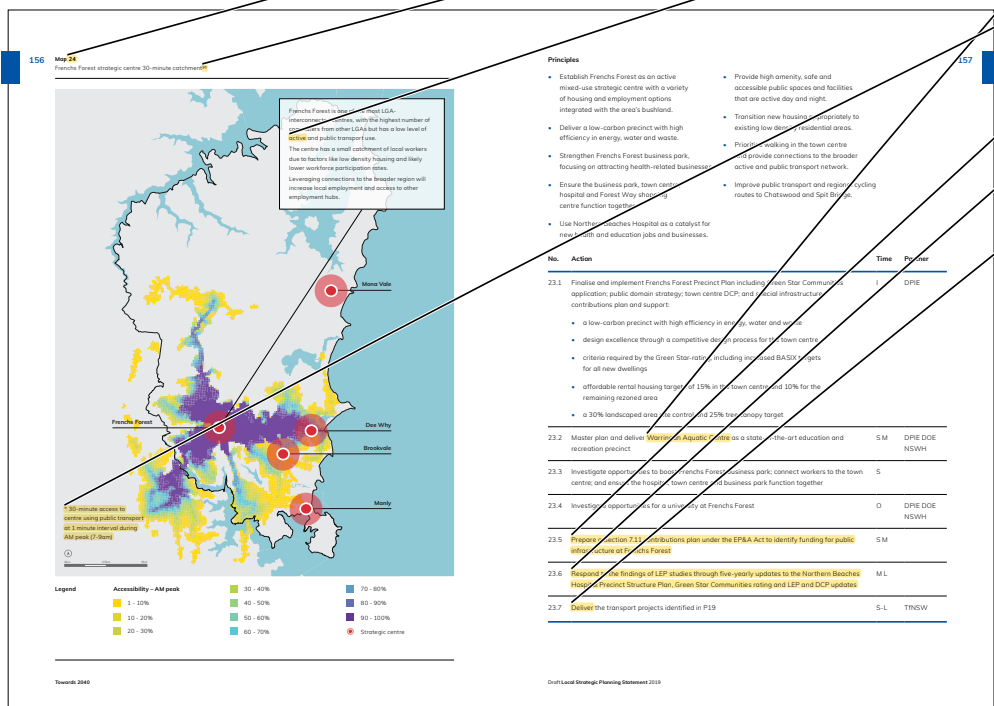









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	Amend text:		
	67		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:21:34 PM
	Amend text:		
	strategic centre		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:21:51 PM
	Amend infographic:		
	Northern Beaches Hospital		
	Author: coullr	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: SuzyLawrence	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		




 Author: coullr Amend text: 27	Subject: Highlight	Date: 21/01/2020 11:14:46 AM
 Author: coullr Endnote 29	Subject: Highlight	Date: 11/02/2020 3:17:37 PM
 Author: coullr Amend text: active travel	Subject: Highlight	Date: 11/02/2020 3:18:00 PM
 Author: coullr Amend action: Aquatic Reserve	Subject: Highlight	Date: 16/01/2020 4:24:23 PM
 Author: coullr Amend text:	Subject: Highlight	Date: 24/02/2020 11:33:10 AM
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 Amend action: Prepare a contributions plan to identify funding of local infrastructure at Frenchs Forest	Subject: Highlight	Date: 16/01/2020 4:24:38 PM
 Author: coullr Amend action: 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	Subject: Highlight	Date: 11/02/2020 3:23:06 PM
 Author: coullr Amend action: Undertake further traffic and transport assessments as required to facilitate future development beyond Phase One, and facilitate the delivery of	Subject: Highlight	Date: 16/01/2020 4:24:54 PM



	Author: coulr Amend text: 69	Subject: Highlight	Date: 21/01/2020 11:14:42 AM
	Author: coulr 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	Subject: Highlight	Date: 14/02/2020 3:10:20 PM
	Author: coulr Amend text: \$50 million Brookvale Community Health Centre	Subject: Highlight	Date: 16/01/2020 4:25:39 PM
	Author: coulr Add text: Brookvale also includes organisations and businesses that offer social, lifestyle and community functions, such as Manly Warringah Leagues Club.	Subject: Sticky Note	Date: 16/01/2020 4:25:51 PM
	Author: Suzy.Lawrence Improve legibility: Note: Areas	Subject: Highlight	Date: 14/02/2020 3:10:50 PM
	Author: coulr Amend text: low-carbon	Subject: Highlight	Date: 11/02/2020 3:23:28 PM
	Author: coulr Amend text: 70	Subject: Highlight	Date: 21/01/2020 11:14:40 AM

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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 2018, and Brookvale Oval, which a \$25 million centre of excellence was opened 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 egg boats. We will continue to support opportunities for innovative and creative industries.

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Warringah Mall will provide a space for integrate with the fabric of the community. A new town centre activity point outside the mall 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 to 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.











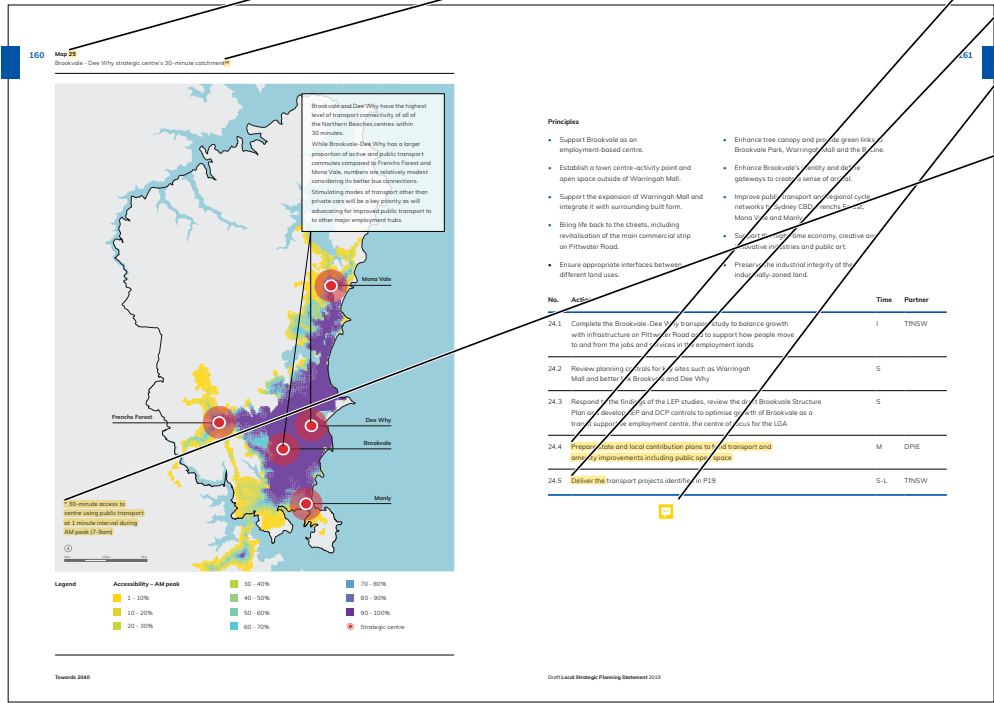
Figure 68
Photomontage - Brookvale town centre



Draft Local Strategic Planning Statement 2019

	Author: coullr Amend text: 28	Subject: Highlight	Date: 21/01/2020 11:14:37 AM
	Author: coullr Endnote 29	Subject: Highlight	Date: 11/02/2020 3:23:49 PM
	Author: coullr Amend action:	Subject: Highlight	Date: 16/01/2020 4:26:23 PM
	Author: coullr Amend action: Facilitate the delivery of the	Subject: Highlight	Date: 16/01/2020 4:26:31 PM
	Author: coullr 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	Subject: Sticky Note	Date: 16/01/2020 4:26:52 PM
	Partner = TRNSW		
	Timing = O		
	Author: coullr Amend text:	Subject: Highlight	Date: 24/02/2020 11:31:33 AM





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



Principles

- Support Brookvale as an employment-based centre.
- Enhance tree canopy and provide green links Brookvale Park, Warringah Mall and the Bayside.
- Establish a town centre-activity point and open space outside of Warringah Mall.
- Enhance Brookvale's identity and design gateways to create a sense of arrival.
- Support the expansion of Warringah Mall and integrate it with surrounding built form.
- Improve public transport for regional cycle networks to better connect Brookvale to Mona Vale and Manly.
- Bring life back to the streets, including revitalisation of the main commercial strip on Pittwater Road.
- Support to enhance economy, creative and innovative industries and public art.
- Ensure appropriate interfaces between different land uses.
- Preserve the industrial integrity of the industrial-zoned land.

No.	Action	Time	Partner
24.1	Complete the Brookvale-Dee Why transport study to balance growth with infrastructure on Pittwater Road to support how people move to and from the jobs and services in the employment lands.	I	TRNSW
24.2	Review planning controls for built form such as Warringah Mall and better link Brookvale and Dee Why.	S	
24.3	Respond to the findings of the LEP studies, review the Brookvale Structure Plan and develop LEP and DCP controls to optimise growth of Brookvale as a town support employment centre, the centre focus for the LGA.	S	
24.4	Develop state and local contribution plans to support transport and amenity improvements including public open space.	M	DPE
24.5	Identify the transport projects identified in P19.	S-L	TRNSW

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



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 2005, 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 Gons 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

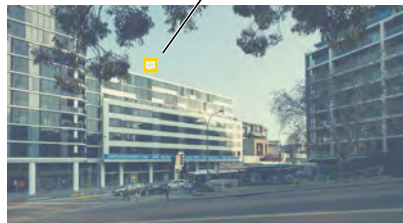
- **redevelopment of private lands**, facilitated by development behaviours in exchange for public open space at the ground level, including:
 - c. **Key Site B**, now known as the Meriton site, including a town plaza and open arcade
 - d. **Key Site C**, a roadway between Oaks Avenue and Pacific Parade 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.

Figure 68

Business map for Dee Why town centre



Dee Why

Draft Local Strategic Planning Statement 2019

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









Principles

- Support Dee Why as a mixed centre for business, community, civic and residential uses.
- Maintain and reinforce Dee Why's role as the LGAs 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 to 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	Priorities
25.1	Implement the planning proposal for Dee Why Town Centre Master Plan 2013 to support Dee Why as a mixed use centre	S	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 process to respond to growth and transformation	S	ML
25.4	Deliver new roads, laneways and public space identified in the Dee Why Town Centre Master Plan 2013 and the Vision 711 Plan for Dee Why and Delivery Program	S	
25.5	Investigate the feasibility of redeveloping the Howard and Oaks Avenue car park (P19) and a new civic hub (Civic Site)	S	
25.6	Deliver the transport projects identified in P19	S-L	TRANS

The Strand, Dee Why



	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: SuzyLawrence	Subject: Highlight	Date: 14/02/2020 3:12:19 PM
	Improve legibility:		
	Note: Areas		



Priority 26

Manly as Sydney's premier seaside destination

Manly is characterised by its frontages to the harbour and beach, iconic Norfolk Island pine and other 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 quiet laneways and heritage buildings. The town centre is bordered by popular foreshore areas that connect to Sydney Harbour National Park at North Head and Collingbar 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 specialist 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 For 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, but connections to lower Northern Beaches suburbs are poor. Addressing this will improve **access to Warringah Mall** (the D-Line, Manly Andrew 'Boj' Charlton Aquatic Centre and sportsgrounds of 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 26

Illustrative map for Manly town centre



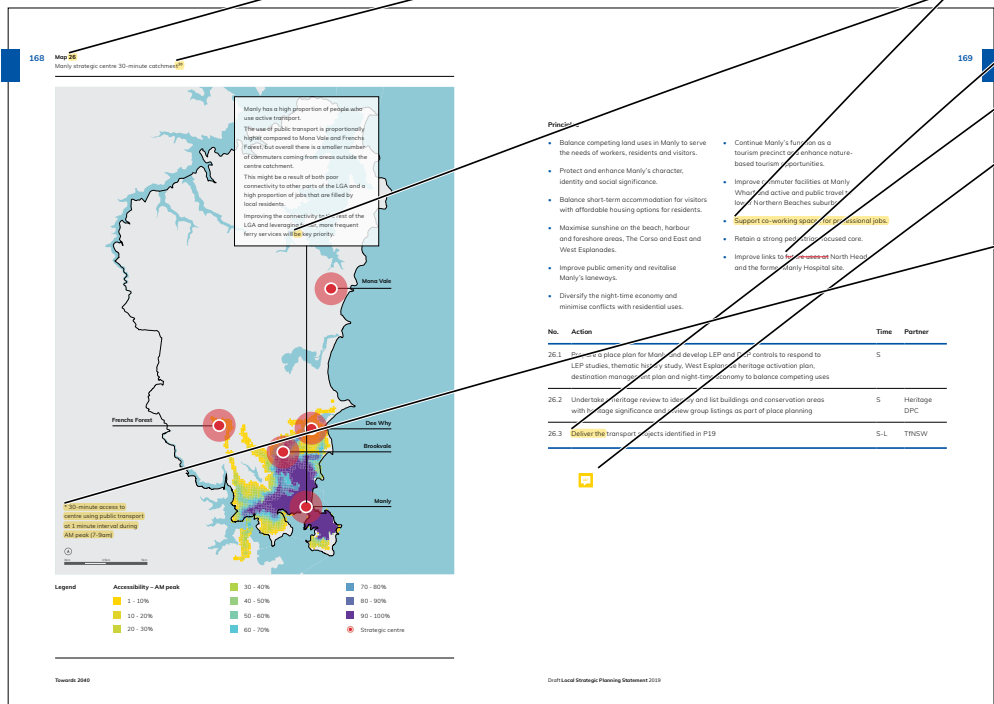
Notes: Streets designated for types of land uses are indicative and conceptual only. Refer to specific mapping, strategies and plans.












The Corso, Manly


 Author: coulr Amend text: 29	Subject: Highlight	Date: 21/01/2020 11:14:26 AM
 Author: coulr Endnote 29	Subject: Highlight	Date: 11/02/2020 3:24:53 PM
 Author: coulr 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.	Subject: Highlight	Date: 16/01/2020 4:29:48 PM
 Author: coulr Amend text: be a	Subject: Highlight	Date: 11/02/2020 3:25:13 PM
 Author: coulr Amend principle: Delete	Subject: Cross-Out	Date: 22/01/2020 1:39:07 PM
 Author: coulr Amend action: Facilitate the delivery of the	Subject: Highlight	Date: 22/01/2020 1:39:19 PM
 Author: coulr New action (A26.4): Plan for future uses for the former Manly Hospital site	Subject: Sticky Note	Date: 16/01/2020 4:30:22 PM
 Author: coulr Amend text:	Subject: Highlight	Date: 24/02/2020 11:34:32 AM

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 11:14:22 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: 24/02/2020 11:20:41 AM
	Amend infographic, add:		
	- Mona Vale beach		
	- Mona Vale health precinct		
	- Village Park and civic heart		
	- B-line stop		
	- Pedestrian connections		
	- Kitchener Park		
	Author: coullr	Subject: Sticky Note	Date: 24/02/2020 11:35:13 AM
	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		

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, Wimmera Bay and publicly and privately owned golf courses.

Mona Vale serves 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. It presents opportunities to support co-working and distributed working facilities 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 on land use boundaries.
- Improve public transport to Macquarie Park and the Sydney CBD.


No. Action Time Period

27.1	Prepare a place plan for Mona Vale and develop LEP and DCP controls to respond to LEP, DCP and support revitalisation of the centre.	S	
27.2	Reorganise Mona Vale civic centre on-site centre, including community gallery, teaching spaces and studios.	S	
27.3	Deliver the transport projects identified in P19	S-L	TNGW

Figure 5
Place map for Mona Vale strategic centre







Note: areas designated for types of land uses are indicative only. Refer to specific mapping, strategic plan.



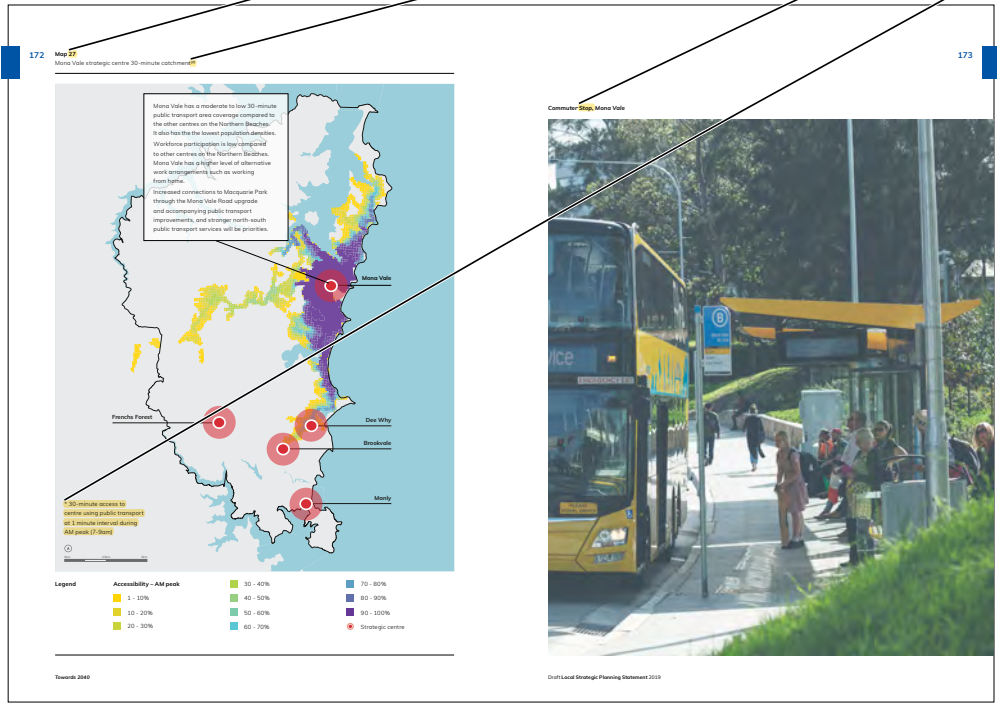
Mona Vale Library

Towards 2040

Draft Local Strategic Planning Statement 2019


 Author: coullr Amend text: 30	Subject: Highlight	Date: 21/01/2020 11:14:17 AM
 Author: coullr Endnote 29	Subject: Highlight	Date: 11/02/2020 3:25:48 PM
 Author: coullr Amend text: bus stop,	Subject: Highlight	Date: 16/01/2020 4:38:51 PM
 Author: coullr Amend text:	Subject: Highlight	Date: 24/02/2020 11:35:37 AM

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: coulr Amend text: 74	Subject: Highlight	Date: 21/01/2020 11:14:14 AM
	Author: coulr Endnote 37	Subject: Highlight	Date: 11/02/2020 3:26:12 PM
	Author: Suzy.Lawrence Improve legibility: Make bold	Subject: Highlight	Date: 14/02/2020 3:13:31 PM
	Author: coulr Endnote 35	Subject: Highlight	Date: 11/02/2020 3:30:35 PM
	Author: coulr Amend text: 75	Subject: Highlight	Date: 21/01/2020 11:14:10 AM
	Author: coulr Endnote 37	Subject: Highlight	Date: 11/02/2020 3:30:51 PM
	Author: coulr Endnote 36	Subject: Highlight	Date: 11/02/2020 3:31:08 PM
	Author: coulr Amend text: Area (MRA) and future MRA investigation area	Subject: Highlight	Date: 16/01/2020 4:39:16 PM
	Author: coulr Amend text: 76	Subject: Highlight	Date: 21/01/2020 11:14:07 AM
	Author: coulr Endnote 35	Subject: Highlight	Date: 11/02/2020 3:31:25 PM
	Author: Suzy.Lawrence Delete text	Subject: Highlight	Date: 23/03/2020 2:41:55 PM

174



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.

French 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.

As the population grows, there is increasing pressure to rezone employment lands, particularly at Brookvale and Mona Vale industrial precincts and French 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 provide a higher number of jobs, they are essential for their operation and function. For example, the private sector is not a major employer; it is the third largest contributor to the local economy in terms of value-add (\$1.1 billion).

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 optimise on advanced manufacturing, automation, vertical warehousing and last-mile delivery nodes without sacrificing opportunities for value-added economic growth and employment outcomes.

The opportunity for managing industrial and urban services land, as identified in the North District Plan, is to 'rezone strategic industrial and urban services land in the Northern Beaches. **Key employment land will be rezoned for a higher purpose.**

In the Metropolitan Rural Area, businesses include nurseries and landscape supplies as well as in the Austlink Business Park, Tapko Road Industrial Estate, Kentside and Bakewell resource recovery centres, and telecommunications and electrical facilities (see P4). Mona 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 (289 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.

Figure 28
Spatial distribution of employment lands by district 2017/18

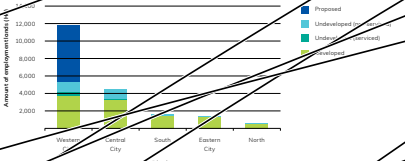


Figure 29
Historical spatial distribution of employment lands by North District LGA 2011/12

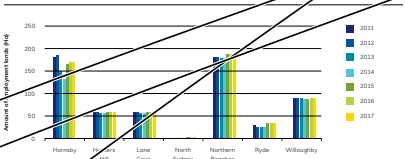















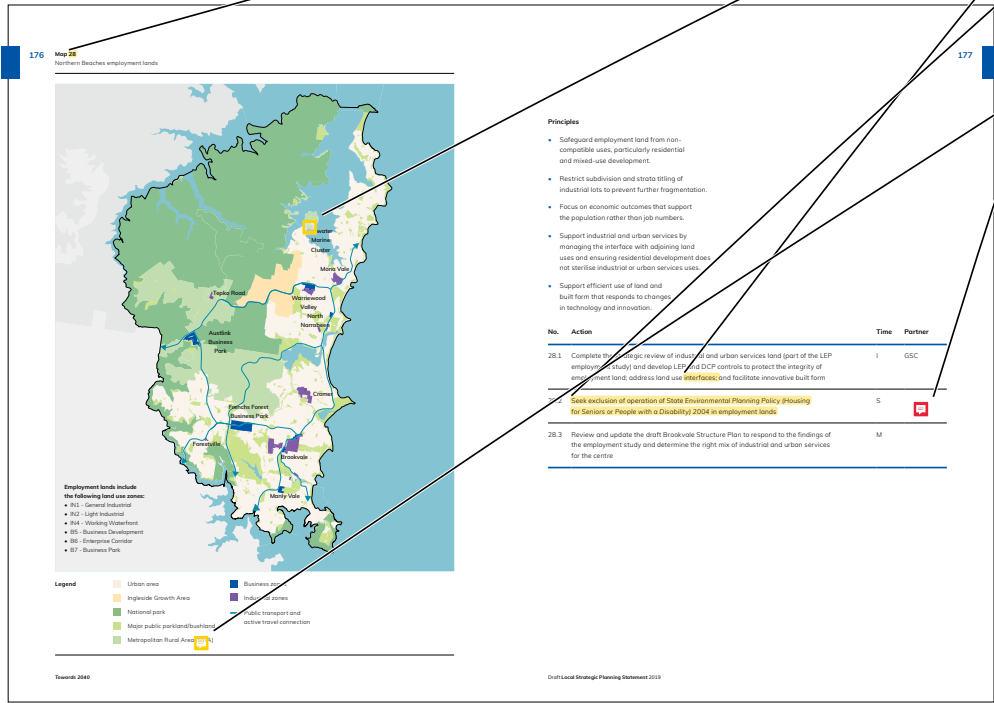
Figure 30
Importance of employment lands















Township 2040


Draft Local Strategic Planning Statement 2019

	Author: coulr	Subject: Highlight	Date: 21/01/2020 11:14:02 AM
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	31		
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 4:39:40 PM
	Amend map:		
	- New MRA layer		
	Author: coulr	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: coulr	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: coulr	Subject: Sticky Note	Date: 11/02/2020 3:31:48 PM
	Add partner:		
	DPIE		
	Author: coulr	Subject: Sticky Note	Date: 16/01/2020 4:40:00 PM
	Amend map legend:		
	- Future MRA investigation area		



	Author: coullr Amend text: 77	Subject: Highlight	Date: 21/01/2020 11:13:58 AM
	Author: coullr Endnote 40	Subject: Highlight	Date: 11/02/2020 3:32:35 PM
	Author: Suzy.Lawrence Amend text: to the Northern Beaches economy and double the revenue	Subject: Highlight	Date: 14/02/2020 3:43:57 PM
	Author: coullr Amend text: (for example,	Subject: Highlight	Date: 22/01/2020 1:40:35 PM
	Author: coullr Amend text: 35%	Subject: Highlight	Date: 16/01/2020 4:40:16 PM
	Author: coullr Endnote 38	Subject: Highlight	Date: 11/02/2020 3:33:06 PM
	Author: coullr Amend text: heritage and Aboriginal	Subject: Highlight	Date: 20/01/2020 4:23:55 PM
	Author: coullr Endnote 39	Subject: Highlight	Date: 11/02/2020 3:35:01 PM
	Author: coullr Amend text box: \$500 million visitor expenditure into local economy. ... Endnote 38	Subject: Highlight	Date: 11/02/2020 3:33:29 PM
	Author: coullr Endnote 39	Subject: Highlight	Date: 11/02/2020 3:34:40 PM
	Author: Suzy.Lawrence Update text: Australia by TripAdvisor for 2018 and 2019	Subject: Highlight	Date: 14/02/2020 3:14:51 PM
	Author: coullr Amend text: are interspersed all the way up to Palm Beach, including Pittwater waterway and Ku-ring-gai National Park.	Subject: Highlight	Date: 11/02/2020 3:35:34 PM
	Author: coullr Replace photo	Subject: Sticky Note	Date: 11/02/2020 3:35:46 PM
	Author: Suzy.Lawrence and	Subject: Highlight	Date: 14/02/2020 3:44:14 PM
	Author: coullr 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.	Subject: Sticky Note	Date: 16/01/2020 4:41:19 PM

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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 them are domestic visitors, and over 90% of international visitors account for only 30% of our visitors, they stay longer than the NSW average.

Accommodation ranges from boutique style accommodation, large international hotels and backpacker accommodation in Manly, to a caravan park at Narrabeen, and campgrounds at the Beaches. The local economy is built on Pittwater, and the surrounding area, offering a range of offerings in terms of price 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 (eco-tourism), and cultural-based tourism (cultural 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, and attract visitors to the entire Northern Beaches, well guide visitor economy development and growth.

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 – the 80-km Sydney Harbour Coastal Walk. A collaborative initiative between three levels of government.

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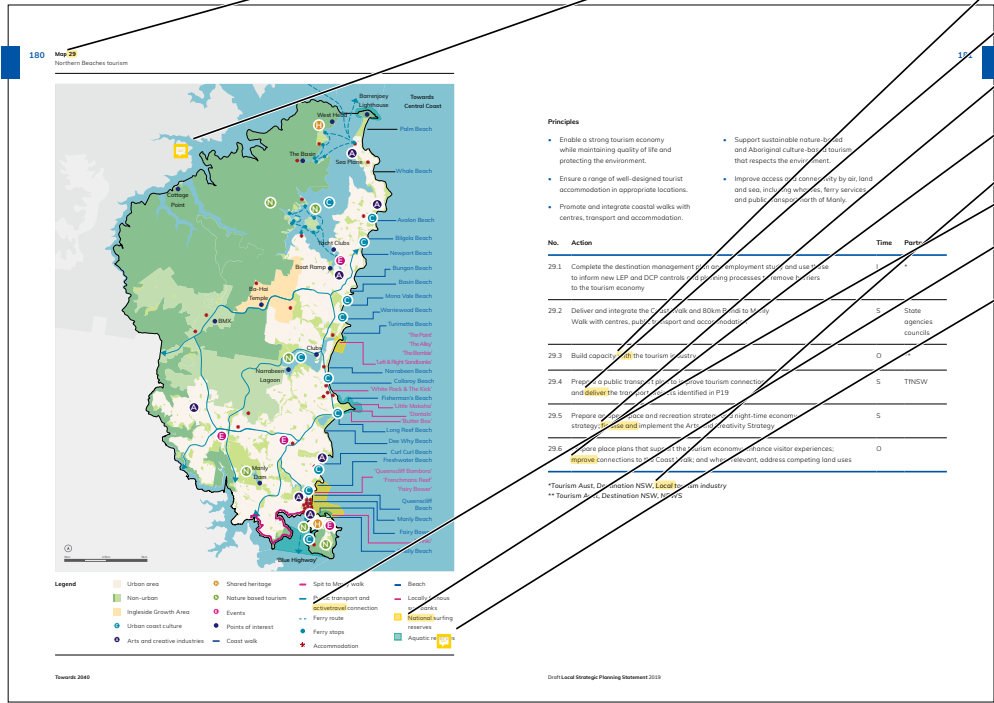







World Food Markets, Manly

Towards 2040


Draft Local Strategic Planning Statement 2019

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	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		



 Author: coulr Amend text: 79	Subject: Highlight	Date: 21/01/2020 11:13:51 AM
 Author: coulr Endnote 41	Subject: Highlight	Date: 11/02/2020 3:36:29 PM
 Author: coulr Fix typo	Subject: Highlight	Date: 16/01/2020 4:44:10 PM
 Author: coulr Amend text: 78	Subject: Highlight	Date: 21/01/2020 11:13:48 AM
 Author: coulr Endnote 41	Subject: Highlight	Date: 11/02/2020 3:36:48 PM

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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, drink and entertainment business, and employment. It represents 8.5% of the economy in NSW and 26% of employment in Australia overall.

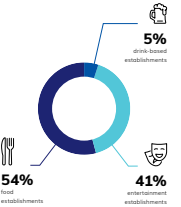
time offerings in places that will grow and change – like Dee Why, Brookvale or Frenchs Forest – is fundamental, especially to support shift workers at Northern Beaches Hospital.

The types of night-time economies are changing – from fast casual dining, eat streets and pop-up food trucks to events, festivals and late-night dancing, or late-night gyms. Diversified night-time activities also avoid reliance on alcohol, and businesses can help to reduce antisocial behaviour in Manly, Mosman and Newport.

We will propose a night-time economy strategy to meet the economy's sustainable growth, ensuring potential land use change. This will create flexibility to manage employment, turnover and tourism benefits while also delivering regional vibrant strategic and local centres, and identify solutions to facilitate entertainment, arts, creative and cultural opportunities in appropriate locations.

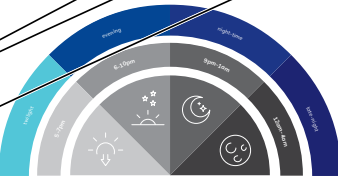
The strategy will address safety, late-night transport, noise and light pollution and consider established precincts like Manly, seasonal precincts in the northern end of the peninsula, emerging precincts in areas of transformation such as Dee Why and specialised precincts such as the microbrewery cluster at Brookvale. It will include location-specific solutions that cater for all age groups.


Figure 78
Night-time economy
- Northern Beaches LGA (2016-17)





Category	Percentage
Food-based establishments	54%
Entertainment establishments	41%
Drink-based establishments	5%


Figure 79
Night-time economy activity




Manly Market Lane


Manly Wharf

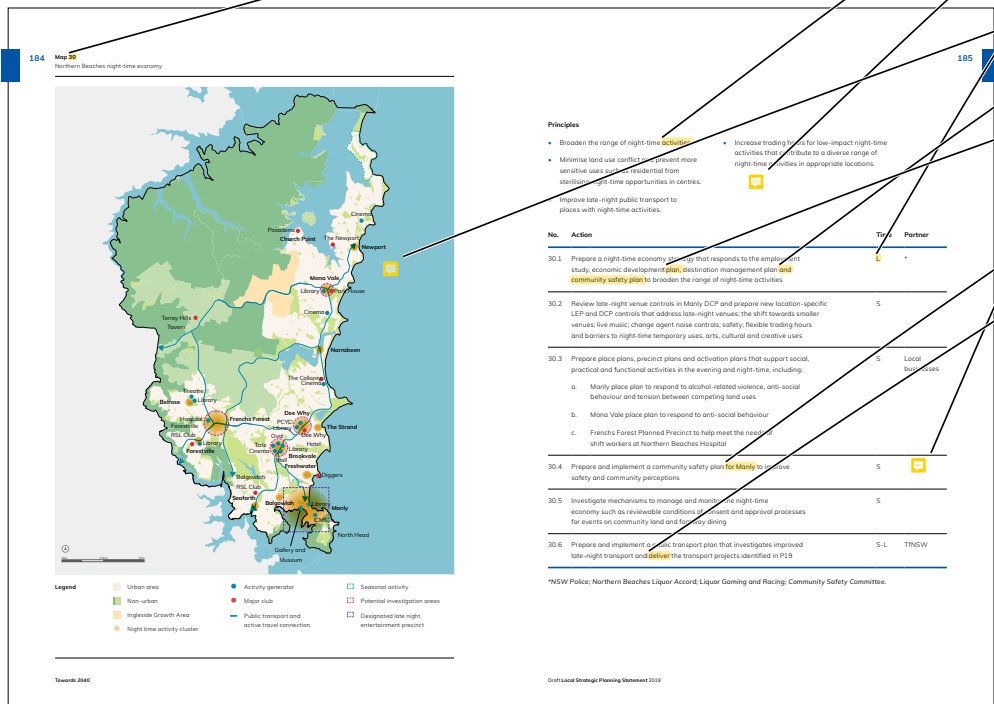

Manly Oval








Manly Market Lane

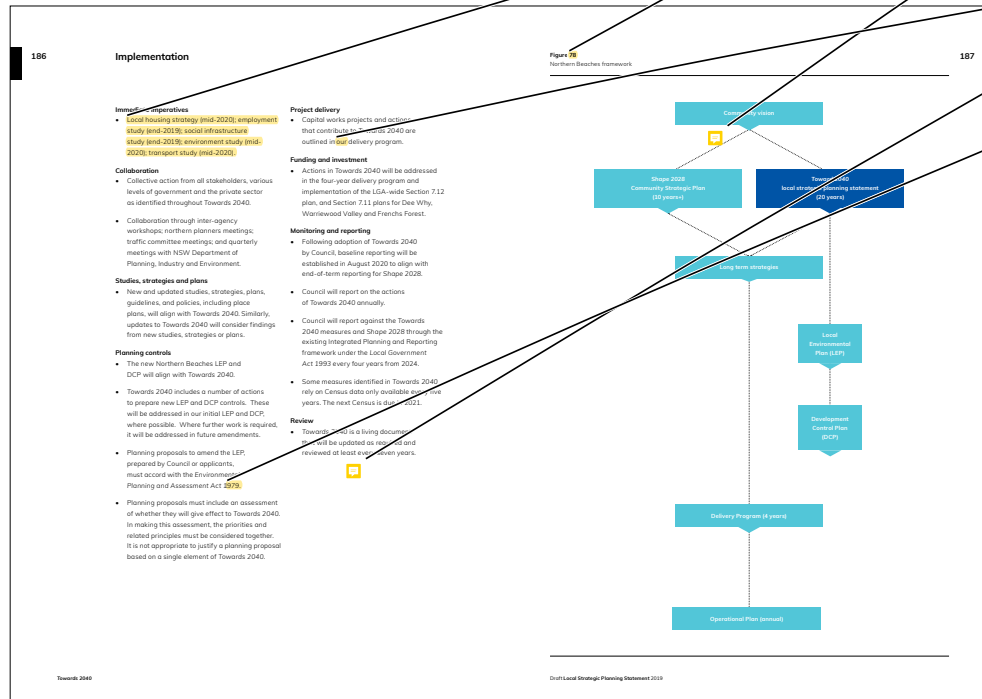
Towards 2040

Draft Local Strategic Planning Statement 2019

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	33		
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	Amend principle:		
	activities and locations.		
	Author: coullr	Subject: Sticky Note	Date: 16/01/2020 4:44:52 PM
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	Foster a diverse live music culture.		
	Author: coullr	Subject: Highlight	Date: 16/01/2020 4:45:02 PM
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	Delete dates		
	Author: coulr	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: coulr	Subject: Highlight	Date: 11/02/2020 3:38:06 PM
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	the		
	Author: coulr	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 <i>Towards 2040</i> .		
	Author: coulr	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: 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: coullr Subject: Cross-Out Date: 22/01/2020 1:50:44 PM

Amend text:

Delete

Author: coullr Subject: Highlight Date: 22/01/2020 1:51:04 PM

Amend text:

neighbourhood centre

Author: coullr Subject: Highlight Date: 22/01/2020 1:51:16 PM

Amend text:

(for example,

Author: coullr Subject: Highlight Date: 16/01/2020 4:49:58 PM

Amend text:































Phase One is a planned precinct.

Author: coullr Subject: Highlight Date: 16/01/2020 4:51:03 PM

Amend text:

Employment precincts (or hubs)

190	<p>Glossary</p> <p>30-minute city 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>Active travel (transport) means trips by physical active means, like walking and cycling and other non-motorised vehicles.</p> <p>Biodiversity offsets compensate for how development impacts biodiversity through the Biodiversity Offset Scheme.</p> <p>Biodiversity stewardship sites (formerly known as biodiversity) enable biodiversity credits to be traded and used as an offset against the impact of proposed development on biodiversity values.</p> <p>Building Sustainability Index (BASIX) is a NSW Government scheme to regulate the energy and water efficiency of residential buildings.</p> <p>Brual centre catchments are aggregations of ABS Statistical Areas Level 2 and have been used for reporting data in the demographic analysis.</p> <p>Community hubs support co-location of a range of community services, community centres, libraries, recreational opportunities, customer service.</p> <p>Community participation plan 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 EPA Act.</p> <p>Co-working spaces are shared workplaces that are used by professionals working in different knowledge related industries, often freelance and self-employed workers.</p> <p>Development Control Plan (DCP) contains detailed planning and design controls that support the planning controls in a local environmental plan.</p> <p>Economic corridor includes multi-LEP areas with a high concentration of jobs, linking multiple centres.</p> <p>Employment precincts are areas where jobs are located, including centres, industrial precincts and business parks.</p>	191
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	Author: coullr	Subject: Highlight	Date: 21/01/2020 11:13:26 AM
	Amend text: 2018h		
	Author: coullr	Subject: Sticky Note	Date: 28/02/2020 12:56:27 PM
	Add references: Cemeteries and Crematoria NSW (2015) Strategic Plan 2015-2020.		
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	Author: coullr	Subject: Highlight	Date: 11/02/2020 3:40:30 PM
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	Author: SuzyLawrence	Subject: Highlight	Date: 14/02/2020 3:16:15 PM
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	Amend text: 2018g		

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New Endnote (38): Tourism Research Australia (2019)			
New Endnote (21): Cemeteries and Crematoria NSW (2017)			
New Endnote (12): Government Architect NSW (2017b)			
New Endnote (11): Greater Sydney Commission (2019)			

Comments from page 98 continued on next page

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* Adapted from Greater Sydney Commission (2018b).

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* Economy ID (2018a).

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* Jointly prepared by Northern Beaches Council and the Environment, Energy and Science Group of DPE, supported by the NSW Government as part of the Marine Estate Management Strategy (2018–2028) water quality initiative.

* Adapted from Government Architect NSW (2017b).

* Jointly prepared with Meridian Urban (2019).

* Spatial data from Council's Geographical Information System and demographic data from Australian Bureau of Statistics (2018) Census for statistical areas that generally align with the LGA.

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New Endnote (13)
2019 LiDAR data analysis of Northern Beaches tree canopy coverage

New Endnote (16)
2019 spatial analysis of access to Northern Beaches open space using buffer areas

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Watson and P8: J. Grainger

194

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Draft Local Strategic Planning Statement 2019

Towards 2040

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