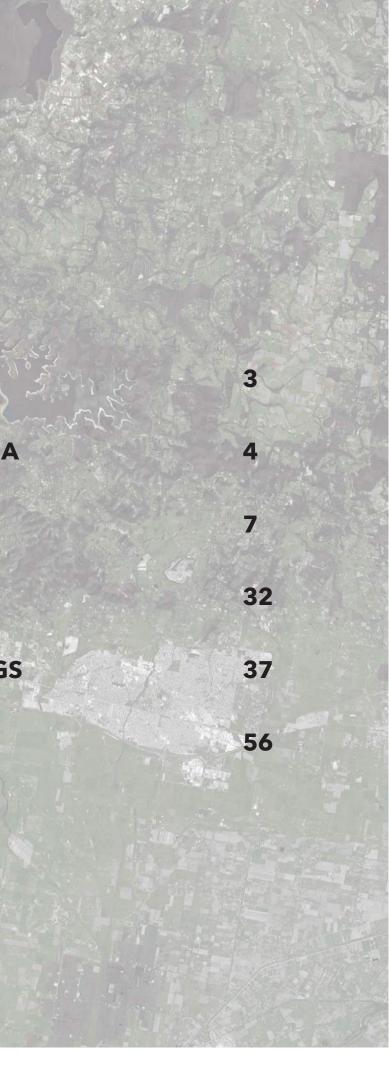
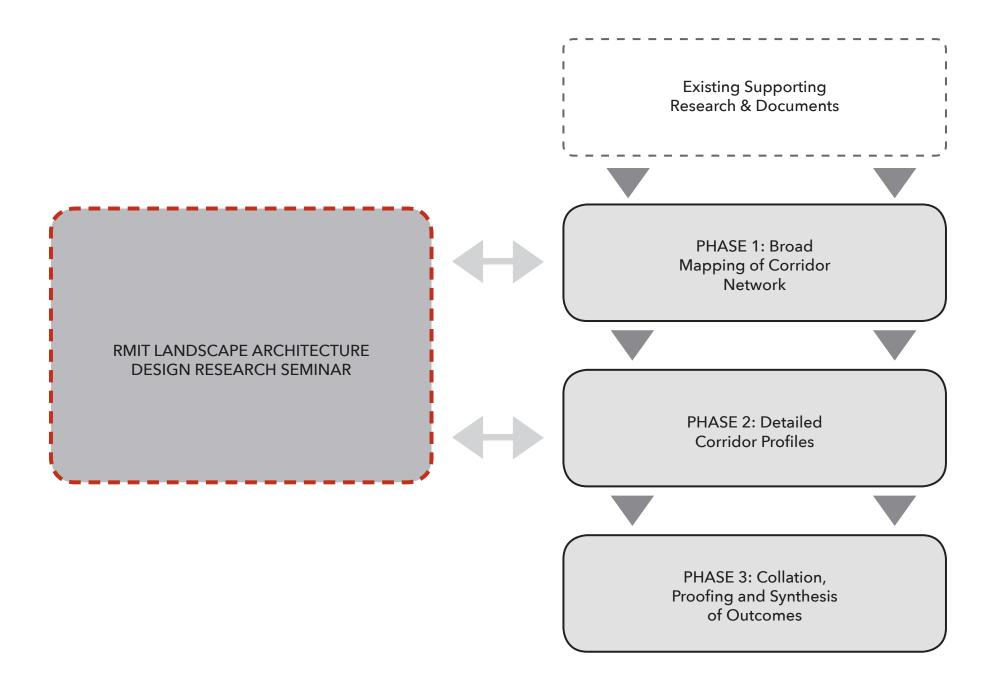


- **1 PROJECT METHODOLOGY**
- **2** CORRIDOR SELECTION CRITERIA
- **3 BROAD CORRIDOR MAPPINGS**
- **4 UPDATED CORRIDOR MAP**
- **5 DETAILED CORRIDOR MAPPINGS**
- 6 STUDENT WORK









clear phases.

The project was delivered through combining OFFICE's own research and design work, with student investigations and outcomes by running a Masters of Landscape Architecture Research Seminar at RMIT University.

RMIT University and OFFICE have previously collaborated with the RMIT Landscape Architecture program in engaging with and delivering projects for a range of organisations including Melbourne Water, City West Water, Greening the West, Collingwood Children's Farm, Culpra Milli Aboriginal Corporation and AMES Australia.

By combining these two complimentary approaches to the brief the project team was able to understand and respond to the complexities and scale of the project in a meaningful way.





### **PROJECT METHODOLOGY**

The Mapping The Gaps project was broken down into three

# **2. CORRIDOR SELECTION CRITERIA**









### **KEY ATTRIBUTES**

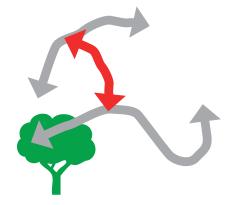
## **OTHER CONSIDERATIONS**



### **EXISTING WATERWAYS**



ACCESSIBILITY PROXIMITY TO PUBLIC TRANSPORT



CONNECTION TO EXISTING CORRIDORS



ASSETS)



CONNECTION TO REMNANT ECOLOGIES



**DIVERSITY OF ECOLOGIES** 



ACCESSIBILITY (WALKING/CYCLING, OFF ROAD PREFERRED)



**CURRENT & FUTURE INVESTMENT** 





## **CORRIDOR SELECTION CRITERIA**

STRATEGIC LOCATION (RELATION TO OTHER KEY PUBLIC AND ECOLOGICAL 8

CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING, OFF ROAD PREFERRED) ACCESSIBILITY - DISTANCE FROM PUBLIC TRANSPORT STRATEGIC LOCATION **DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT** 



**EXISTING WATERWAYS** 



# **CORRIDOR ANALYSIS EXAMPLE**

As a tool to compare and contrast the different qualities of each corridor this chart was developed. Criteria 1-4 respond directly to Living Links key attributes for corridors, as highlighted on the previous page. Whilst criteria 1-4 are more focused on ecological outcomes, criteria 5-8 focus on the value of the corridors in an urban/suburban/industrial setting. These criteria understand the value of these spaces within the changing urban environment and importantly the rapidly growing South-East of Melbourne.

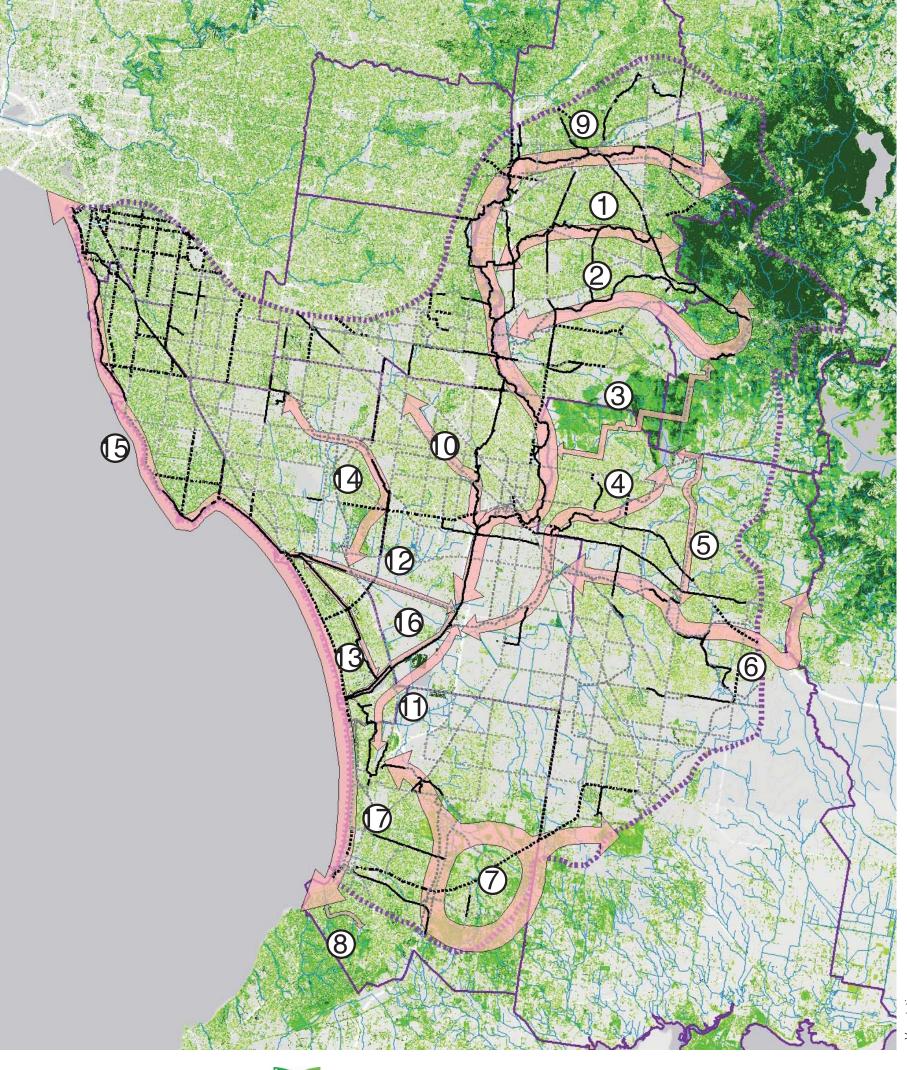
# **3. BROAD CORRIDOR MAPPING**





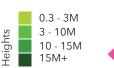






### LIVING LINKS STUDY AREA: 2014 CORRIDOR MAP

- **02 FERNY CREEK**



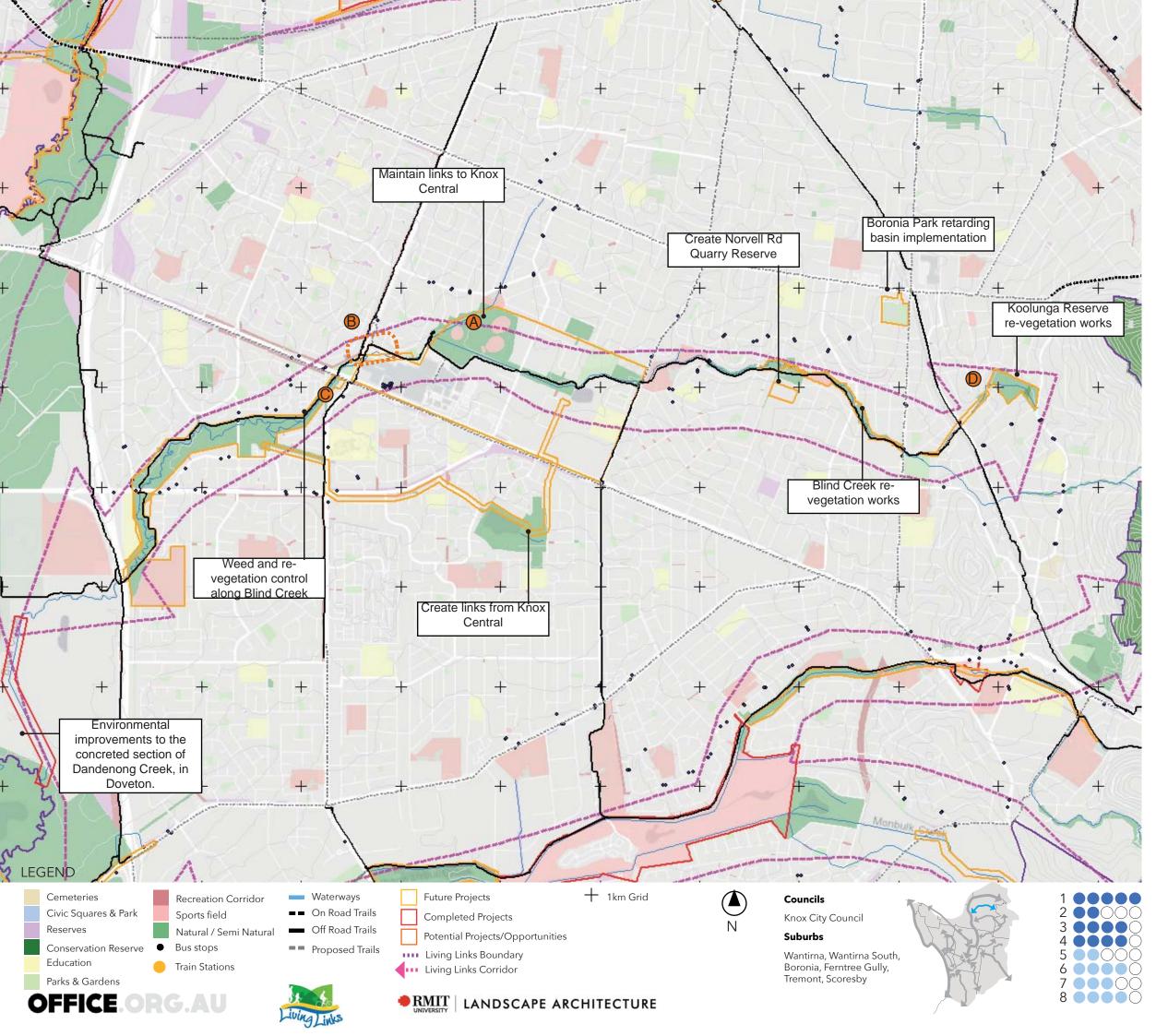
WaterwaysOn Road Paths •••• Off Road Paths Living Links Corridor





**01 - BLIND CREEK 03 - CHURCHILL AND LYSTERFIELD PARK 04 - EUMEMMERRING CREEK 05 - TROUPS CREEK 06 - HALLAM VALLEY 07 - BOGGY CREEK 08 - SWEETWATER CREEK 09 - DANDENONG CREEK 10 - YARRAMAN AND MILE CREEK 11 - LIVING LINKS NATURE LINK 12 - MORDIALLOC CREEK 13 - LONG BEACH TRAIL 14 - DINGLEY - DANDENONG BYPASS TRAIL 15 - PORT PHILLIP BAY FORESHORE 16 - PATTERSON RIVER 17 - KANANOOK CREEK** 





### 01 - BLIND CREEK

Connecting the Dandenong Ranges National Park to the Dandenong Creek Corridor

Blind Creek runs from the base of the Dandenong Ranges National Park at Ferntree Gully, through Ferntree Gully, Boronia, Wantirna South and Scoresby to Glen Waverley where it meets Dandenong Creek. It has disjointed patches and strips of significant habitat along its length including some very special places such as Blind Creek Billabong.

A shared path follows the creek between the Belgrave Railway Line at Boronia all the way to Dandenong Creek. The creek is generally surrounded by residential areas, but also passes through the Knox Central principle activity centre at Wantirna South and between landfill sites in Wantirna South along the Dandenong Creek corridor.

This corridor has environmental, social and recreational values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Knox Activity Centre
- ② Mountain Gate Activity Centre
- 3 Dandenong Valley Park lands
- (4) Chesterfield Farm
- 5 Boronia Activity Centre

The environmental and cultural features found within or near this corridor include:

- 4 endangered vegetation communities making up 10.6% of the corridor
- 5 recorded threatened flora species
- 27 recorded threatened fauna species
- 4 significant Aboriginal Cultural Heritage Sites
- 1 area listed on the Register of the National Estate
- Approximately 2ha of significant water bodies

#### **OPPORTUNITIES (GAPS)**



Lewis Park Master plan

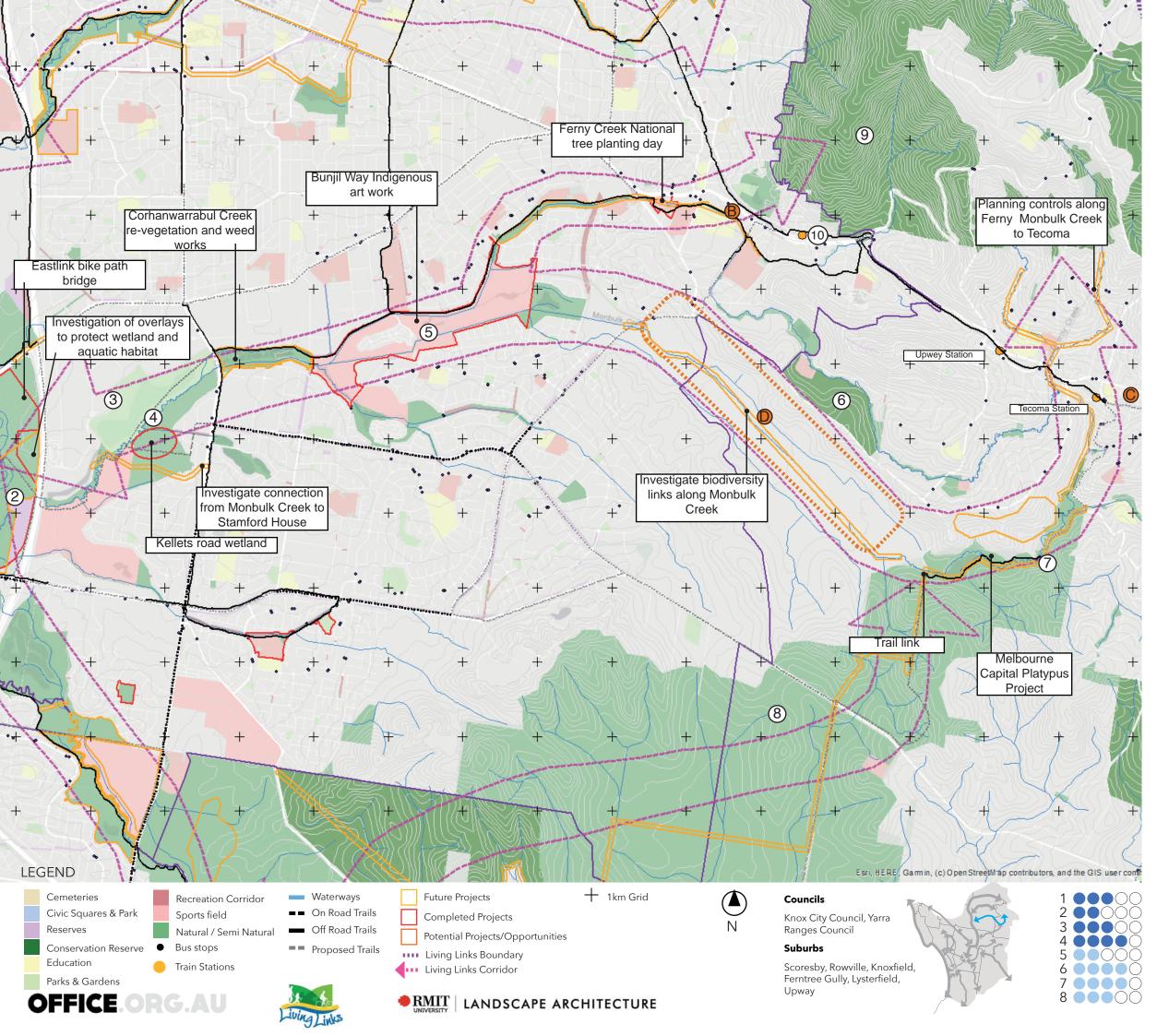
Westfield Know Car park cuts off corridor, Blind Creek going underground through this area.



Improve pedestrian amenity adjacent to Westfield Knox and Stud Road



Extend trail through Forrest Road Drain



### **02 FERNY CREEK**

This creek corridor connects the Dandenong Ranges National Park at Upper Ferntree Gully to Lysterfield Park at Belgrave Heights via Ferny Creek and its tributaries, then on to the Dandenong Creek Corridor at Rowville via Monbulk Creek. The corridor splits in two at Waterford Valley Golf Club one branch following Ferny Creek towards Upper Ferntree Gully Station, the other branch moving through private land towards Belgrave Station.

There is an extensive shared path network that stretches from Upper Ferntree Gully to Stud Rd. This is planned to be extended to Dandenong Creek.

The western third of the corridor is located in the Scoresby-Knoxfield-Rowville employment precinct. Further upstream of Ferny Creek, adjacent land use is generally residential, while land adjacent to Monbulk Creek quickly becomes rural.

This corridor has environmental, social, cultural and recreational values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Mountain Gate Activity Centre
- ② Dandenong Valley Parklands
- 3 Caribbean Gardens & Market
- 4 Stamford Park
- 5 Waterford Valley Golf Course
- 6 Glenfern Valley Bush-lands
- 7 Birds Land Reserve
- 8 Lysterfield Park
- Dandenong Ranges National Park
- 1 Upper Ferntree Gully Station

The environmental and cultural features found within or near this corridor include:

- at least 10 endangered vegetation communities
- at least 3 recorded threatened flora species
- at least 14 recorded threatened fauna species
- at least 9 significant Aboriginal Cultural Heritage Sites
- at least 1 area listed on the Register of the National Estate
- approximately 27ha of significant water bodies

### **OPPORTUNITIES (GAPS)**



Link through to Ferntree Gully Quarry, Train station and 1000 steps.



 $\bigcirc$ 

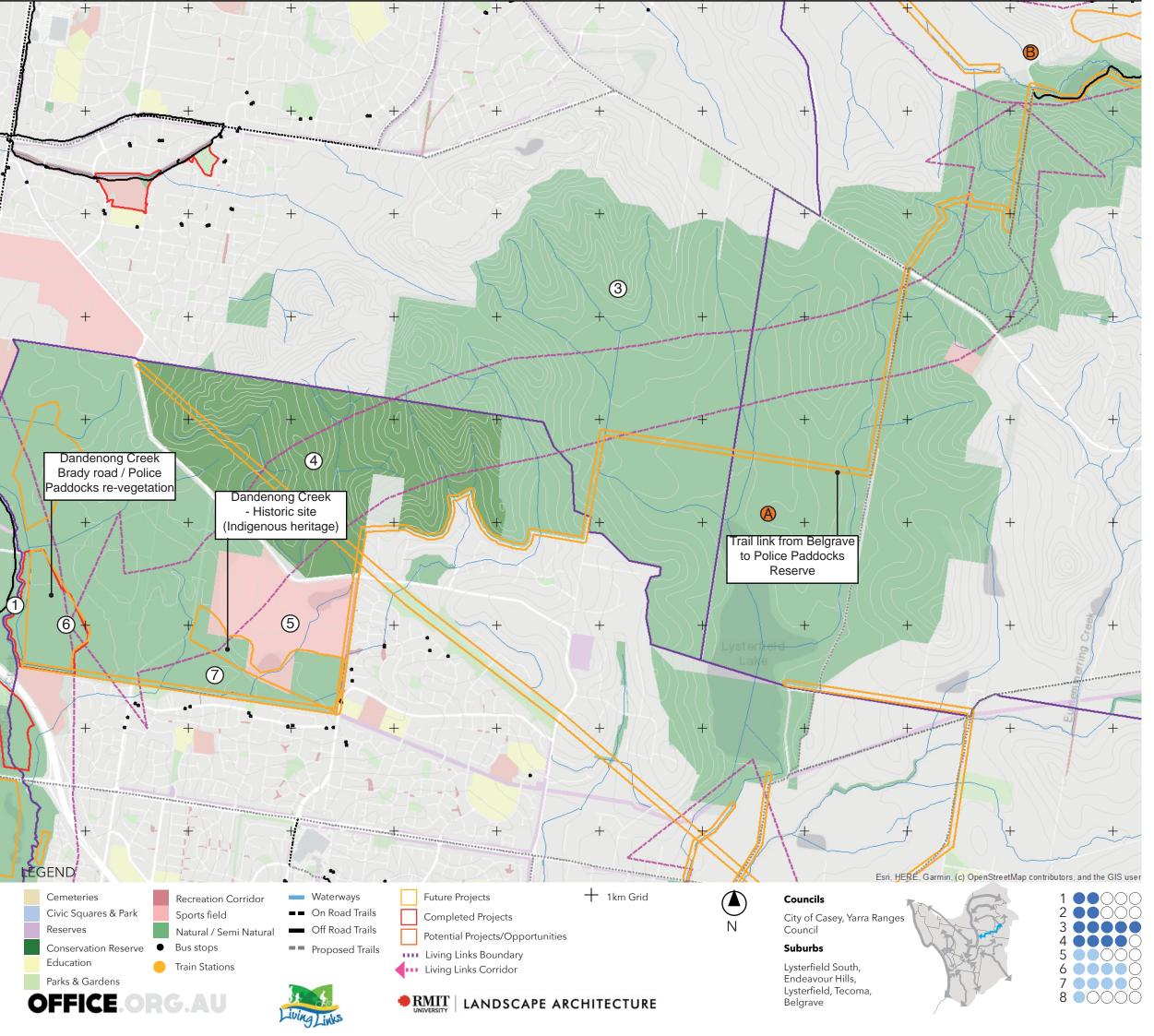
Create connection from Ferny Creek Trail to Ringwod-Belgrave Rail Trail

Large section of the corridor is private land. Work with landholders to improve ecological outcomes

### NOTES

Previously referred to as Dandenongs to Lysterfield Park

### LIVING LINKS: MAPPING THE GAPS 10



### **03. CHURCHILL AND LYSTERFIELD PARK**

Connecting the Dandenong Ranges National Park through Lysterfield Park and Churchill National Park to the Dandenong Creek Corridor.

The western end of the corridor connects through to Dandenong Creek at Brady Road. In the North West the corridor connects through Birdsland Reserve to Belgrave Station

This corridor links two significant parks - the Dandenong Ranges National Park and Lysterfield Park - to the Dandenong Creek. These parks provide opportunities for many recreational pursuits and contain significant vegetation for wildlife. Lysterfield Park and Churchill National Park are great assets so close to the city both in terms of ecology value and public amenity. Creating legible walking routes through the parks is key to providing the best possible public amenity. By improving the access to these valuable assets, each of them can be accessed and utilised more frequently and by more people, and the opportunities for enjoying the natural environment are increased.

### Attributes

The recreational and social features found within or near to the corridor include:

1 Dandenong Creek

(2) Birds Land Reserve

- 3 Lysterfield Park
- (4) Churchill National Park
- 5 Churchill Park Golf Club
- 6 Dandenong Police Paddocks Reserve
- 🕜 Sydney Pargeter Rec Area

The environmental and cultural features found within or near this corridor include:

- endangered vegetation communities
- threatened flora species
- threatened fauna species
- significant Aboriginal Cultural Heritage Sites

#### **OPPORTUNITIES (GAPS)**



Great opportunity to create connected walking/cycling trail through Lysterfield National Park



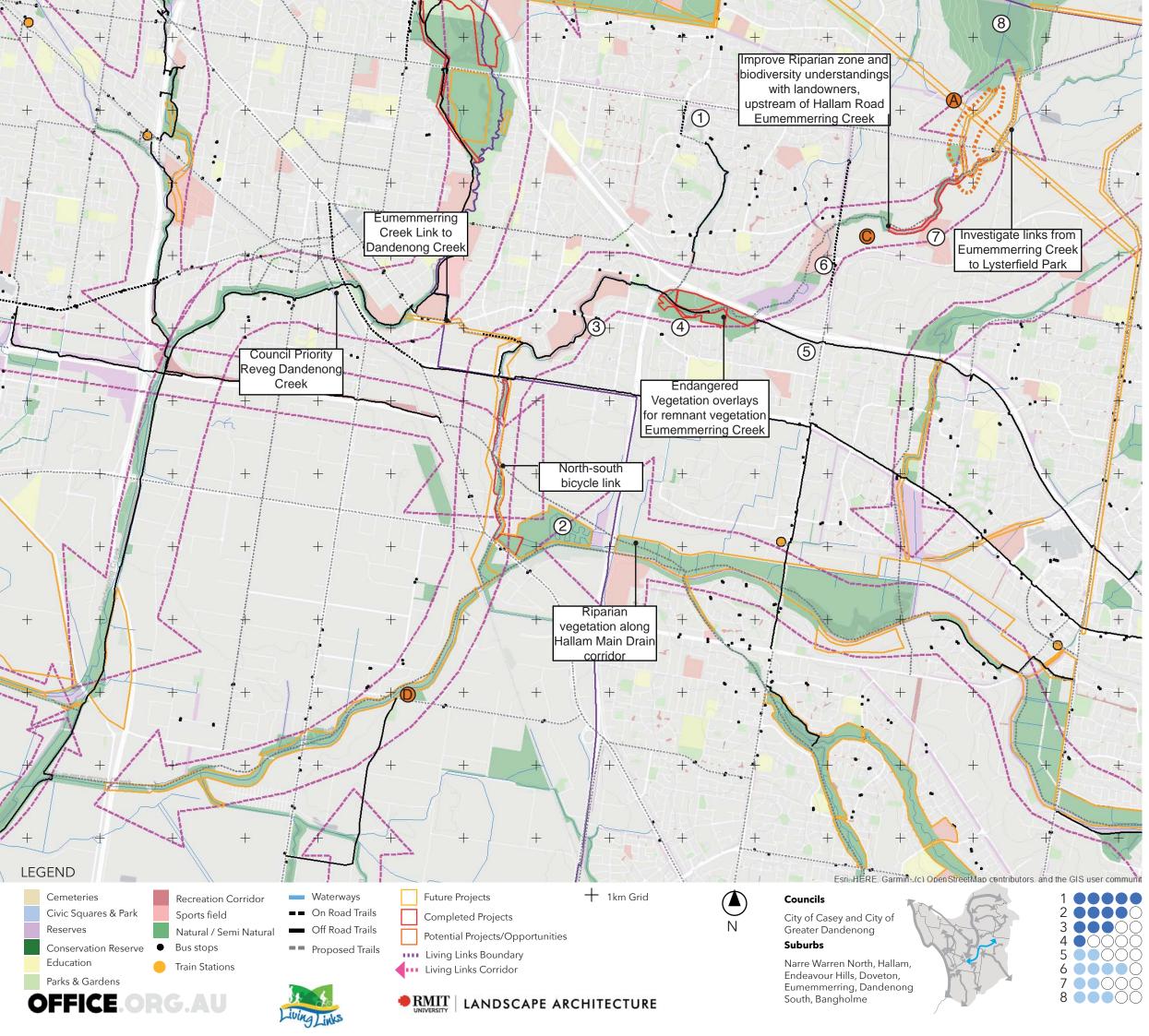
Continue through Belgrave and link the bushland north of Belgrave

### NOTES

A large portion of the corridor is remnant bushland, that being a park and a national parks, landuse here is unlikely to change.

Unclear as to what had previously defined the form of the corridor as it doesn't follow a waterway or existing trail.

Previously referred to as Dandenong Creek to Belgrave Trail.



### **04. EUMEMMERRING CREEK**

Connecting Lysterfield Park along Eumemmerring Creek to Patterson River. The corridor follows the Creek alignment from Dandenong Creek to Lysterfield Park car park.

This corridor follows Eumemmerring Creek from Lysterfield Park in Narre Warren North to Dandenong South, and then continues along the Hallam Main Drain to Bangholme, where it joins the Patterson River Corridor.

Many Living Links projects have occurred along the Eumemmerring Creek. These have involved preservation of significant remnant vegetation such as river red gums, re-vegetation works and removal and control of weeds. The key next steps are to join up existing trails and shared paths to create a continuous biodiversity corridor from Lysterfield Park to Patterson River. The southern section of the corridor (as it passes through Dandenong South) needs particular attention to improve ecological and public amenity outcomes.

### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Endeavour Hills Activity Centre
- (2) Melbourne Water Retarding Basin
- (3) Eumemmerring Park
- (4) Gunns Road Reserve
- (5) Hallam Bypass Path
- 6 Frog Hollow Reserve
- (7) Narre Warren North Reserve
- 8 Lysterfield Park

The environmental and cultural features found within or near this corridor include:

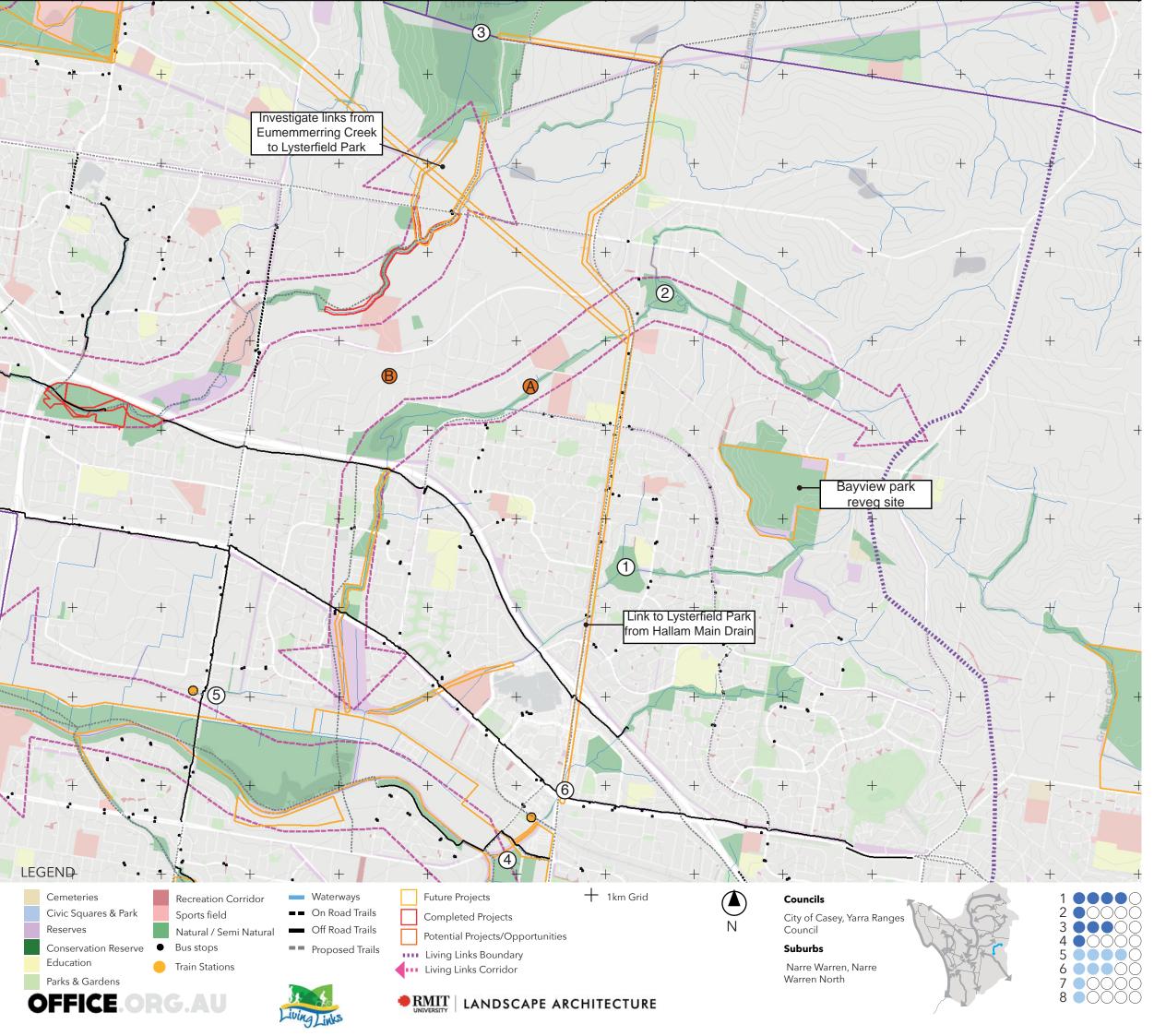
- at least 9 endangered vegetation communities
- at least 4 recorded threatened flora species
- at least 1 recorded threatened fauna species
- at least 3 significant Aboriginal Cultural Heritage Sites
- at least 4 areas listed on the Register of the National Estate
- at least 13ha of significant water bodies

### **OPPORTUNITIES (GAPS)**

- Off-road path connection to Lysterfield National Park
- B
- Large opportunity for re-vegetation works
- Opportunities for the expansion of the creek corridor as the land use upstream of Hallam North Road changes from residential to agricultural. This will be key as increased density in the area will put greater pressure on the creek ecologically and in the terms of population it will service.



- Increase vegetation cover and public amenity as the corridor passes through Dandenong South industrial estate
- LIVING LINKS: MAPPING THE GAPS 12



### **05. TROUPS CREEK**

Corridor follows Troups Creek until it disappears at Harkaway road. The corridor passes through predominantly residential areas, with the upper section passing through rural areas. The upper section could be linked to remnant vegetation surrounding Cardinia Creek in the future.

There are portions of remnant vegetation along the corridor as well as a range of sports fields, playgrounds and parks. There are small sections of off road paths in the southern section of the corridor but no path network upstream of Kalora Park.

#### Attributes

The recreational and social features found within or near to the corridor include:

- 1 Prospect Hill Retarding Basin
- (2) Narre Warren North Melbourne Water
- (3) Lysterfield Park
- (4) Hallam Main Drain
- (5) Hallam Train Station
- 6 Narree Warren Train Station

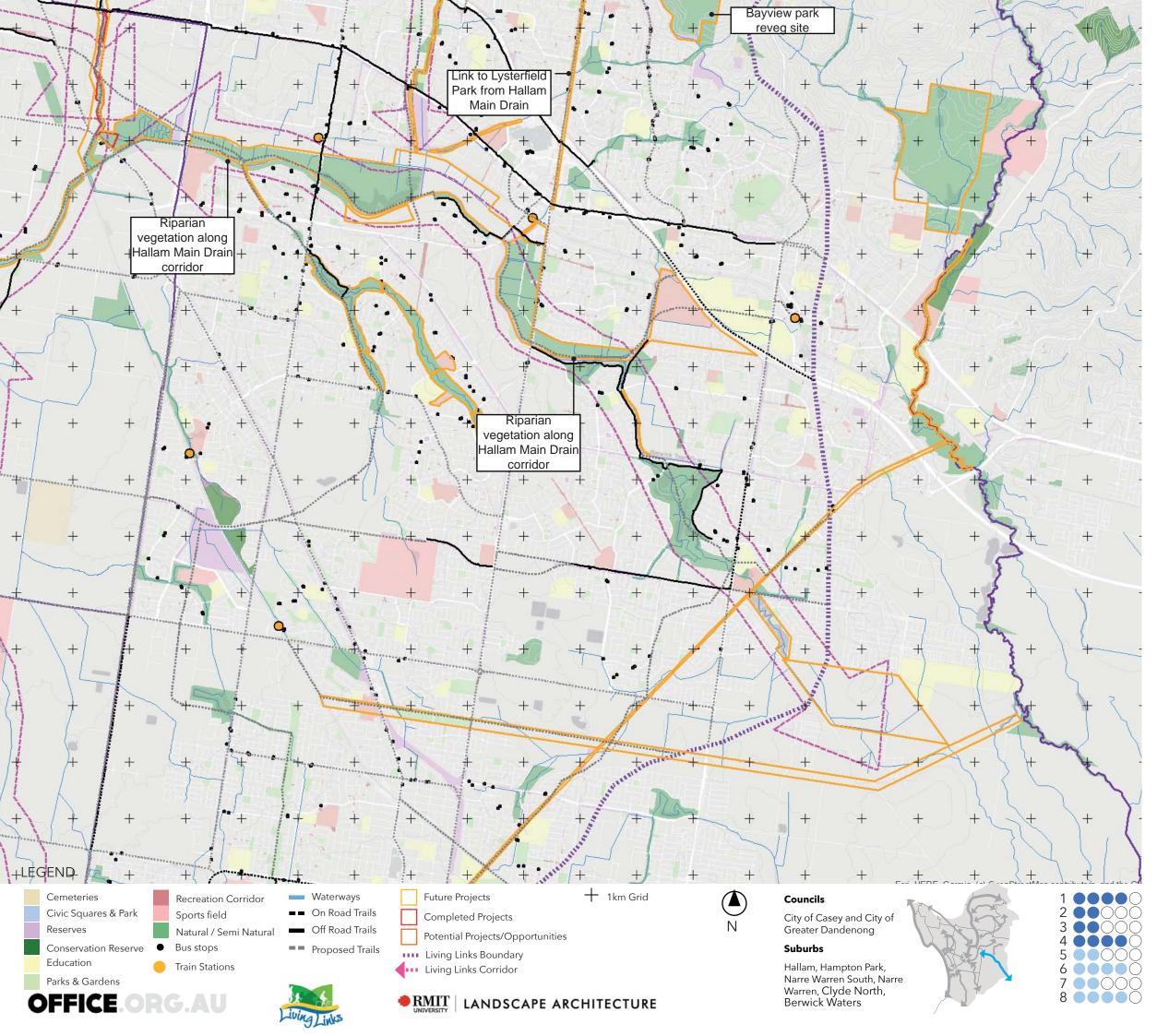
### **OPPORTUNITIES (GAPS)**

- A
- The corridor should be redefined in order to respond to site conditions. The proposed corridor would follow Troups Creek
- B

A connection to Lysterfield Park and the Eumemmerring Creek Corridor, by locating a path along the power line easement north from Troups Creek Retarding Basin,

#### NOTES

Previously referred to as Narre Warren to Lysterfield Park



### 06. HALLAM VALLEY

Connecting new and existing communities along Hallam Valley. The corridor has significant links to activity centres throughout the area.

This corridor runs from Clyde North, through the Hallam Valley into Eumemmerring Creek Corridor at Dandenong South.

The Hallam Valley trail that runs through the majority of this corridor is in excellent condition and is well utilised. The corridor links parts of City of Casey within the Urban growth zone especially around Berwick Waters, Cranbourne North, Clyde North etc. This area is undergoing significant development and population growth.

There are federally listed threatened species or Ecological Vegetation Communities under Environment Protection and Biodiversity Conservation Act 1999:

Dwarf Galaxias- Significant population Critically Endangered Community Seasonal Herbaceous Wetlands Migratory Birds utilise wetland and Drain Habitat

The corridor has environmental, recreational and cultural values.

### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Beaconsfield Flora and Fauna Reserve
- (2) Cardinia Creek
- (3) Melbourne Water Troups Creek Wetlands
- (4) Sweeney Reserve
- 5 Fountain Gate Activity Centre Berwick Activity Centre
- 6 Berwick Springs
- ⑦ Berwick Station
- 8 Narre Warren Station
- (9) Hallam Train Station

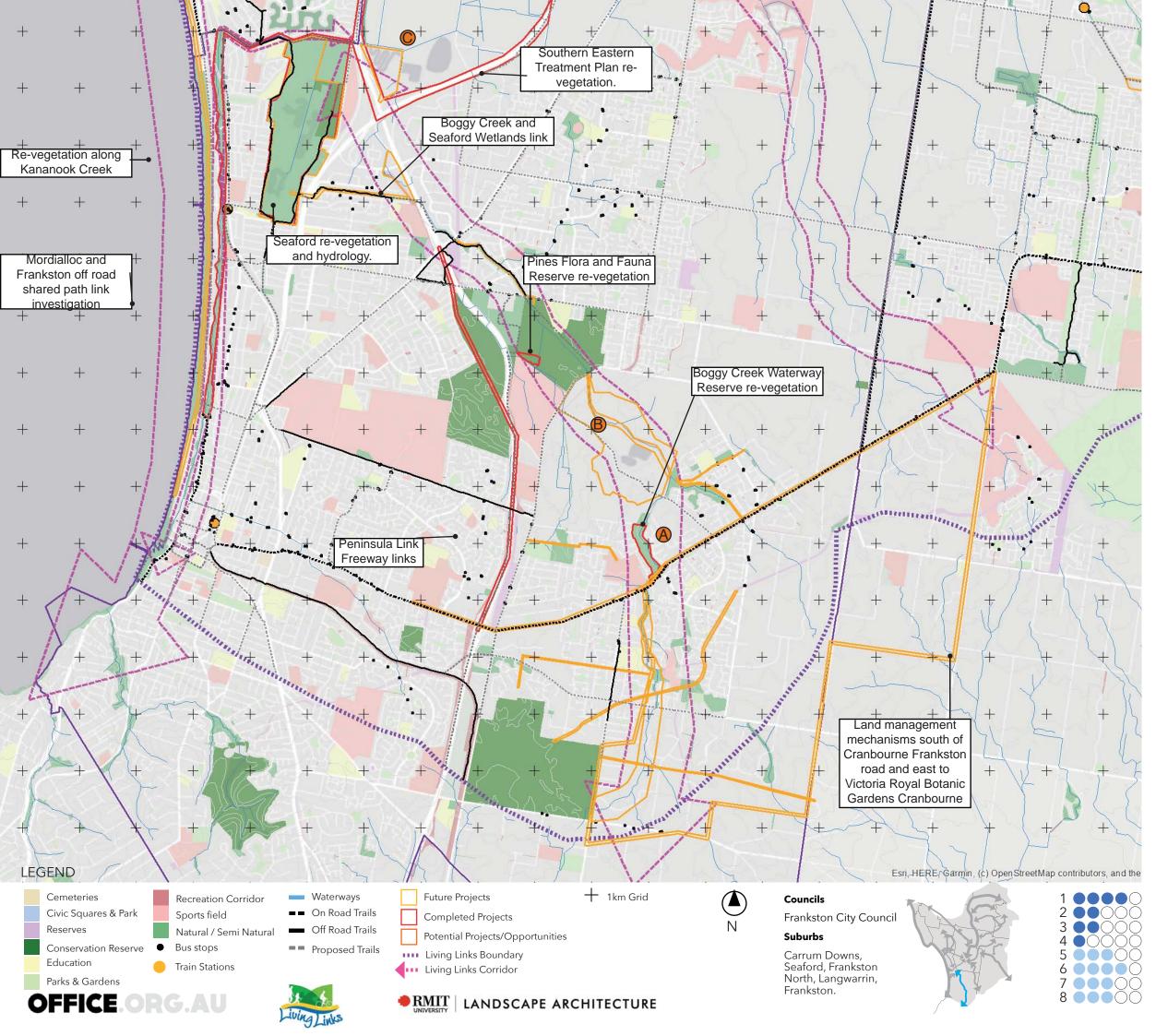
The environmental and cultural features found within or near this corridor include:

- endangered vegetation communities
- recorded threatened flora species
- significant Aboriginal Cultural Heritage Sites
- areas listed on the Register of the National Estate
- significant water bodies

### NOTES

Possible development contributions to provide public and ecological amenity the increasing population.

Previously referred to as Hallam Main Drain



### **07. BOGGY CREEK**

The Boggy Creek Corridor begins at the Langwarrin Flora and Fauna Reserve, moves through private property until it reaches North Road where the surrounding condition is suburban, it then passes through a range of quarries before entering The Pines Flora and Fauna Reserve, passing under the Mornington Peninsula Freeway and flowing into Eel Race Drain. The corridor has a range of adjacent land-uses, including residential, industrial, rural, extractive industries, and flora and fauna reserves, as such the corridor provides a range of opportunities to improve ecological and public amenity outcomes

Water flows into Boggy Creek from both the Langwarrin and Pines Flora and Fauna Reserves, through Carrum Downs to the Seaford Wetlands, then into Eel Race Drain and Kananook Creek before reaching Port Phillip Bay. The creek has a known population of the Dwarf Galaxias, a threatened fish species.

The Langwarrin and Pines Flora and Fauna Reserves previously supported Southern Brown Bandicoots.

This corridor has environmental, social, recreational and cultural values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) The Pines Flora and Fauna Reserve
- (2) Langwarrin Flora and Fauna Reserve
- 3 Karingal Hub Activity Centre
- (4) Peninsula Country Golf Club
- 5 Centenary Park Golf Course
- 6 Monash University Peninsula Campus
- (7) Victoria Royal Botanic Gardens Cranbourne
- 8 Edithvale Seaford Wetlands
- (9) Langwarrin Landfill

The environmental and cultural features found within or near this corridor include:

- endangered vegetation communities
- threatened flora species
- threatened fauna species
- significant Aboriginal Cultural Heritage Sites
- areas listed on the Register of the National Estate significant water bodies

### **OPPORTUNITIES (GAPS)**

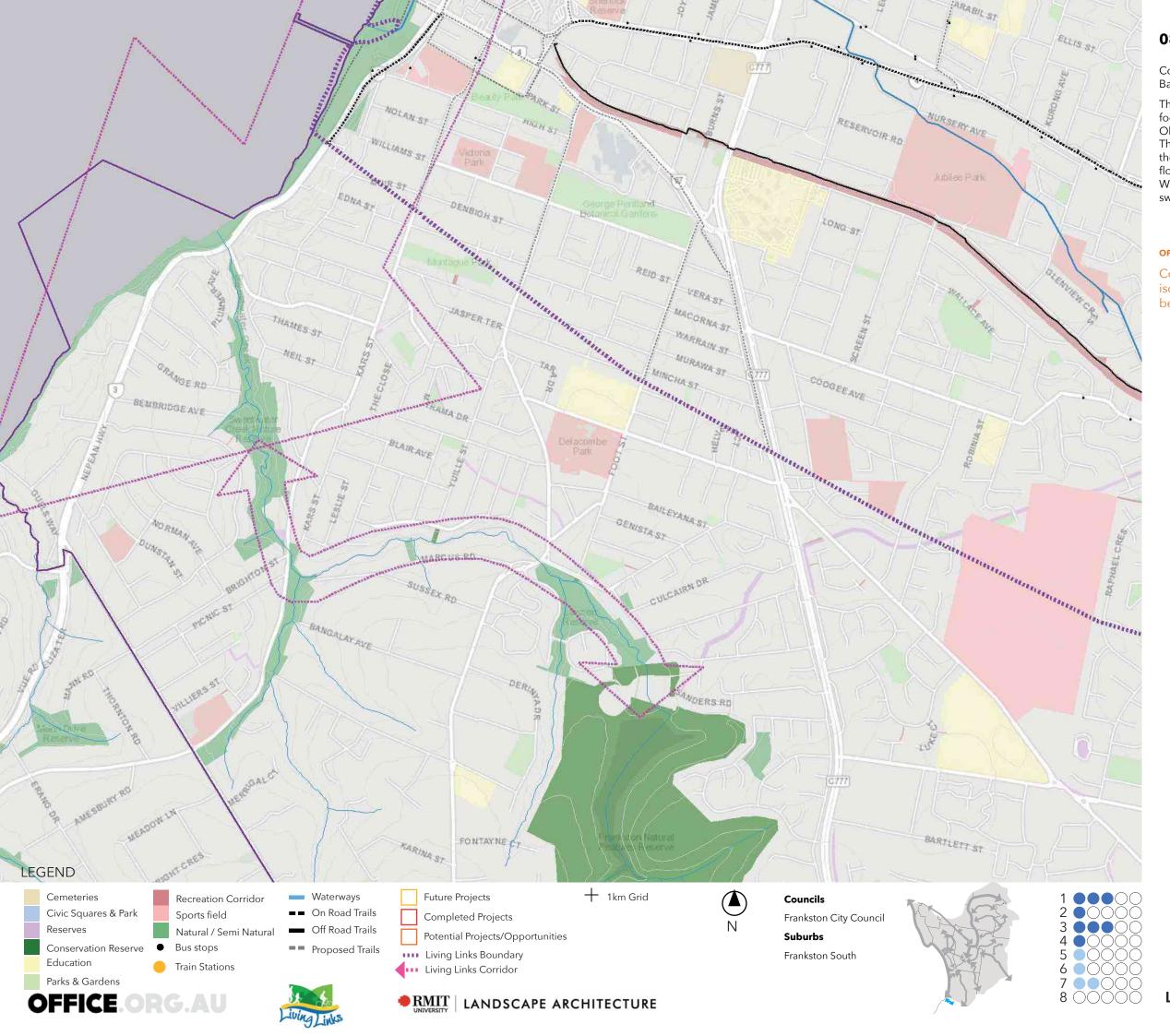
- Build a path network upstream from McClelland Road, Initially focusing on sections passing through residential



Huge opportunities for both ecological and community amenity outcomes as extractive industries stop operating along Boggy Creek.



Strengthen connection from Boggy Creek into Eel race drain and the Seaford Wetlands.



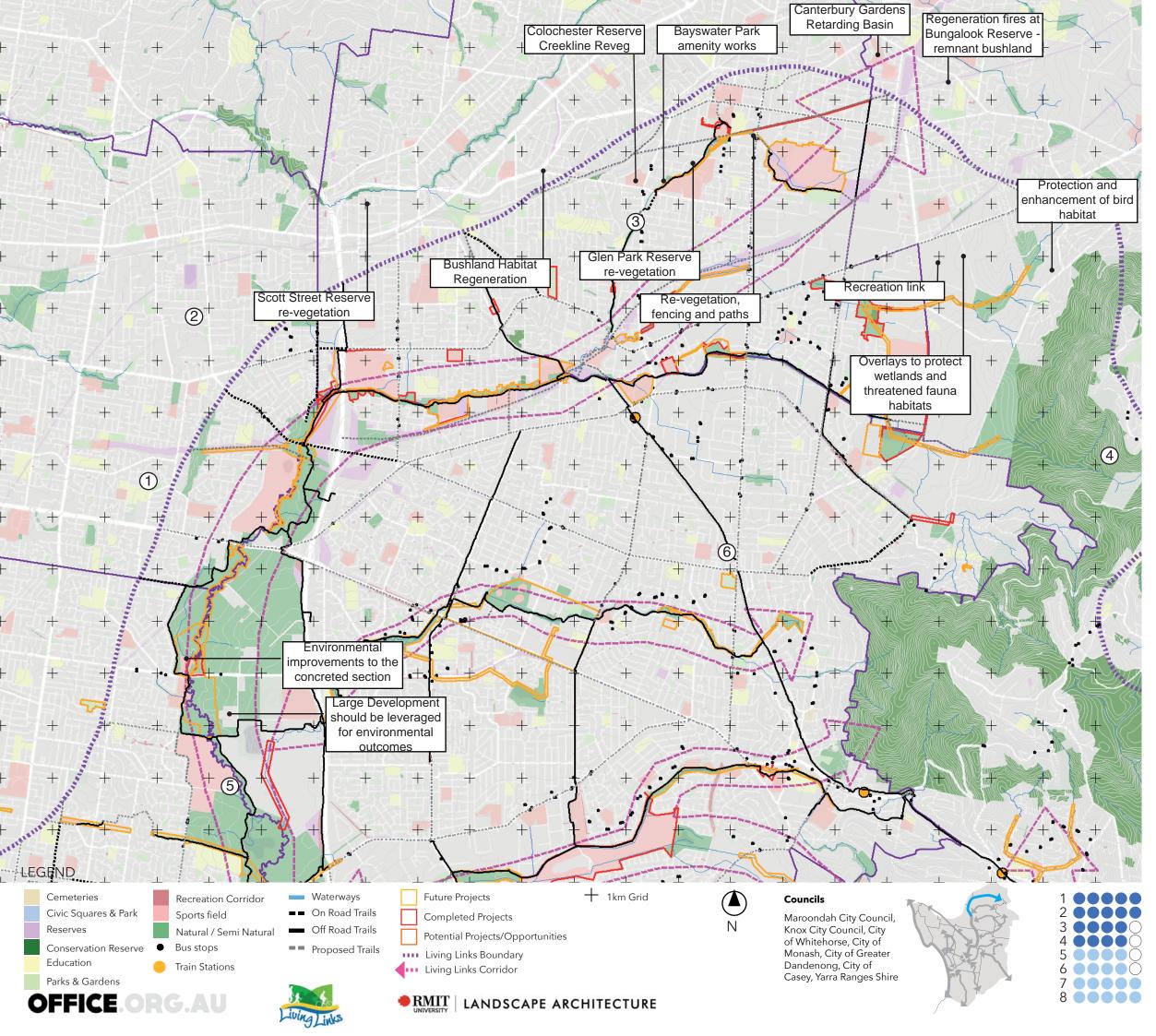
### **08. SWEETWATER CREEK**

Connecting the Frankston Reservoir to Port Phillip Bay along Sweetwater Creek

This corridor follows Sweetwater Creek from the foothills of Frankston Reservoir to the base of Oliver's Hill where it flows into Port Philip Bay. Thirteen hectares of remnant bushland surrounding the lower section of the creek is protected for its flora, fauna, geological and cultural heritage values. Walking tracks wind their way along the creek from swamps to steep gullies and floodplains to foothills.

#### **OPPORTUNITIES (GAPS)**

Corridor sits outside the study area and is isolated from other corridors as such it should be removed.



### **09. DANDENONG CREEK**

Connecting the Dandenong Ranges along Dandenong Creek to Patterson River and Port Phillip Bay

This corridor follows Dandenong Creek and forms the central spine of the Living Links project of which the majority of other corridors link to. The creek flows south-west from Olinda, through Glen Waverley and Dandenong, then into the Patterson River at Bangholme. From there the water flows into Port Philip Bay.

This corridor contains significant open space areas that provide recreational and social benefits. The Dandenong Creek Trail follows the creek all the way from Kilsyth South to Carrum on Port Philip Bay, and provides important links to other regional trails. There are areas of industry, farming, and residential use abutting the creek corridor as well as significant storm water treatment wetlands.

The corridor supports a range of significant flora and fauna species. It is important for daily and seasonal movements of birds and insects (particularly water birds and parrots), as well as for pollen and plant propagules that the fauna may transport.

Councils, Melbourne Water and the community have been involved in a range of restoration projects to improve the amenity and habitat connectivity of this corridor, with a particular focus on the upper sections of the corridor. Revegetation is playing an important role in reducing the extensive fragmentation of habitat that has occurred historically.

This corridor has environmental, social, recreational and cultural values.

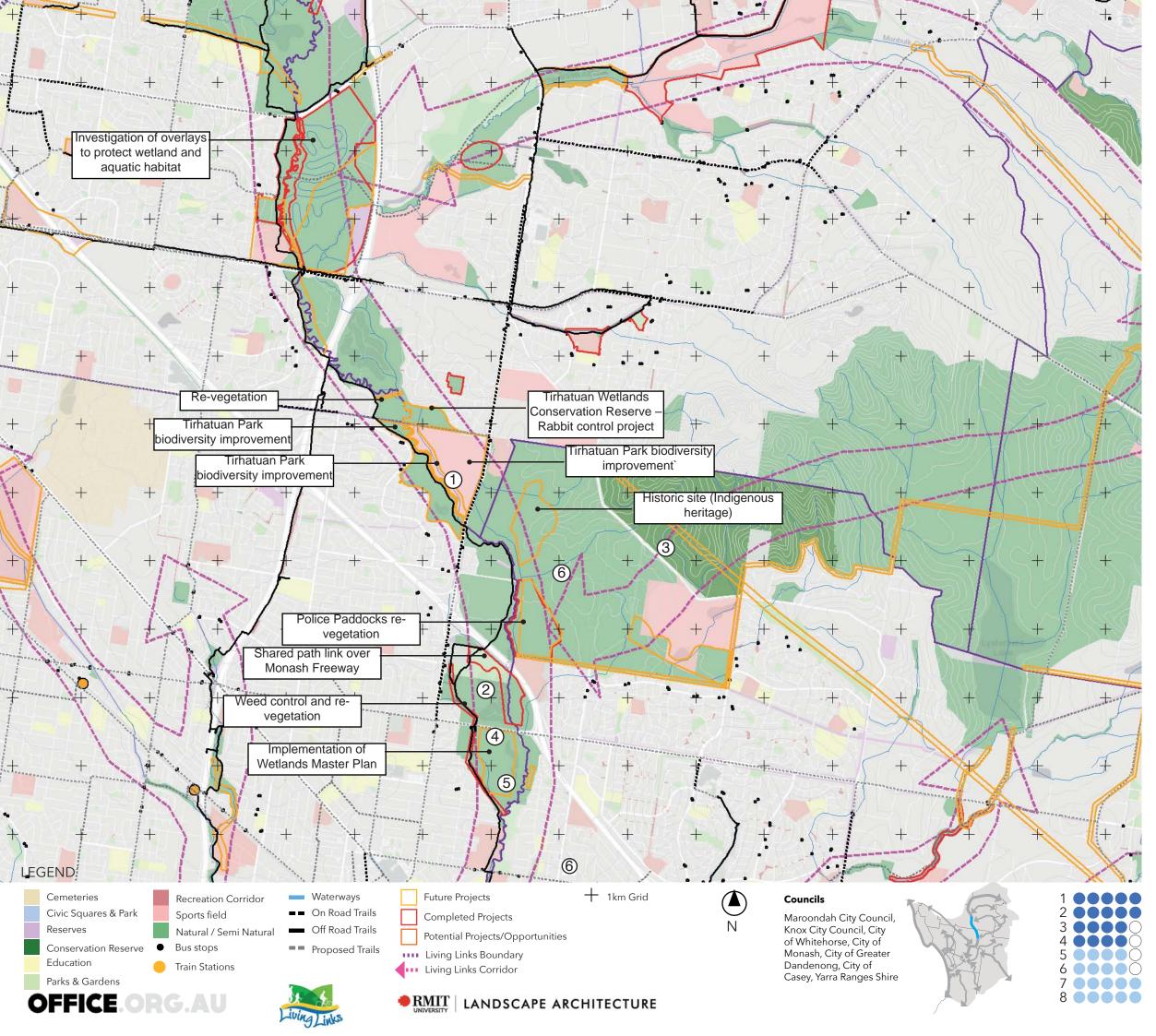
#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Dandenong Valley Parklands
- (2) Morack Public Golf Course
- 3 Bayswater Activity Centre
- (4) Dandenong Ranges National Park
- 5 Chesterfield Farm
- 6 Dandenong Park

The environmental and cultural features found within or near this corridor include:

- at least 14 endangered vegetation communities
- at least 9 recorded threatened flora species
- at least 33 recorded threatened fauna species
- at least 27 significant Aboriginal Cultural Heritage Sites
- at least 13 areas listed on the Register of the National Estate approximately 42ha of significant water bodies



### **09. DANDENONG CREEK**

- (1) Tirhatuan Park
- (2) Melbourne Water Rec Area
- (3) Churchill National Park
- Dandenong Wetlands
- 5 Falkner Reserve
- 6 Police Paddocks Reserve

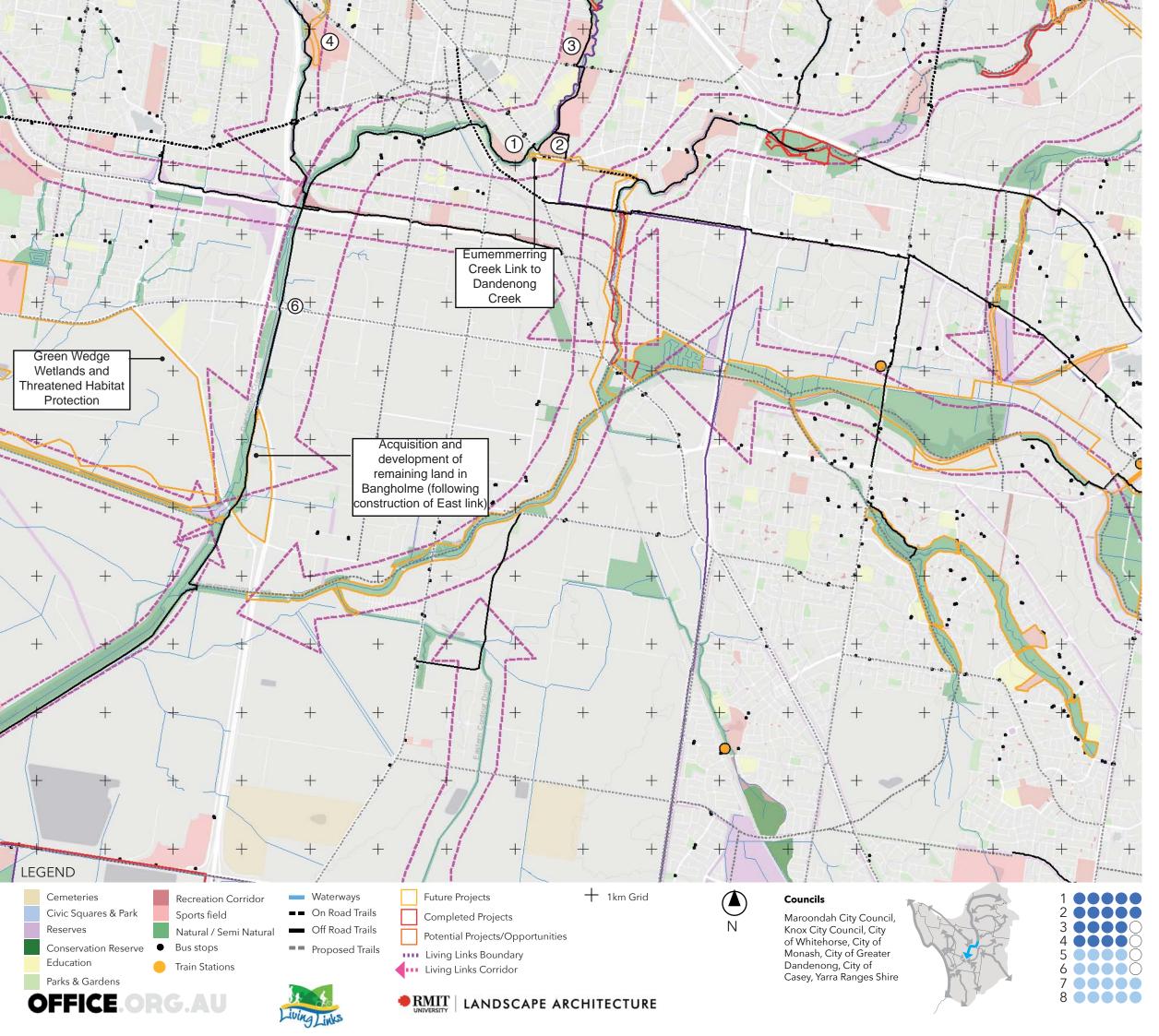
### **OPPORTUNITIES (GAPS)**

Improve connection to cycling paths in Dandenong Ranges National Park

Re-vegetation and maintenance works to continue along the corridor

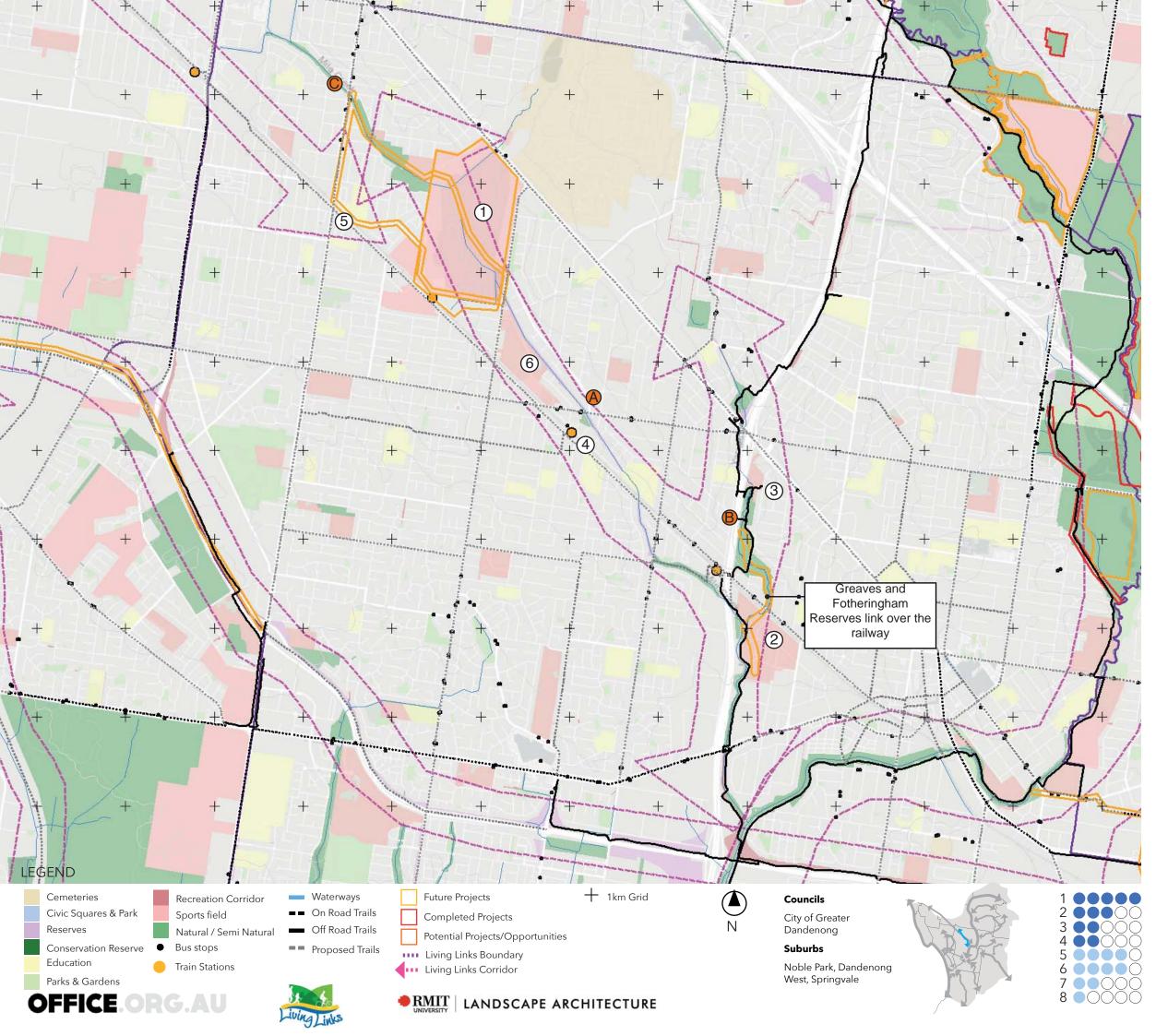
Large areas for re-vegetation works along the corridor

Concrete channel downstream from of Clow Street in Dandenong to the Dandenong Bypass, opportunities for daylighting of the creek.



### **09. DANDENONG CREEK**

- (1) Dandenong Park
- Difference Thomas P Caroll Reserve
- 3 Robert Booth Reserve
- (4) Greaves Reserve



### **10. YARRAMAN AND MILE CREEK**

This corridor follows Mile Creek and Yarraman Creek from their respective headwaters in Springvale and Noble Park North to Dandenong Creek Corridor.

Mile Creek is a concreted drain from Westall Road until Chandler Road this section provides low ecological and/or public amenity. The corridors proximity to Djerring Trail provides opportunities to improve the quality and patronage of the corridor.

Council, Melbourne Water and the community have been involved in a range of restoration projects along this corridor to improve the amenity and habitat connectivity. Further opportunities exist for further restoration along this corridor, particularly through daylighting of Mile Creek.

#### Attributes

The recreational and social features found within or near to the corridor include:

- Sandown Racecourse and Entertainment Centre
- (2) Greaves Reserve
- (3) Fotheringham Reserve
- (4) Noble Park Activity Centre
- 5 Springvale Activity Centre
- 6 Ross Reserve

The environmental and cultural features found within or near this corridor include:

- endangered vegetation communities making up 1.5% of the corridor
- threatened flora species
- threatened fauna species
- significant Aboriginal Cultural Heritage Sites
- significant water bodies

### **OPPORTUNITIES (GAPS)**

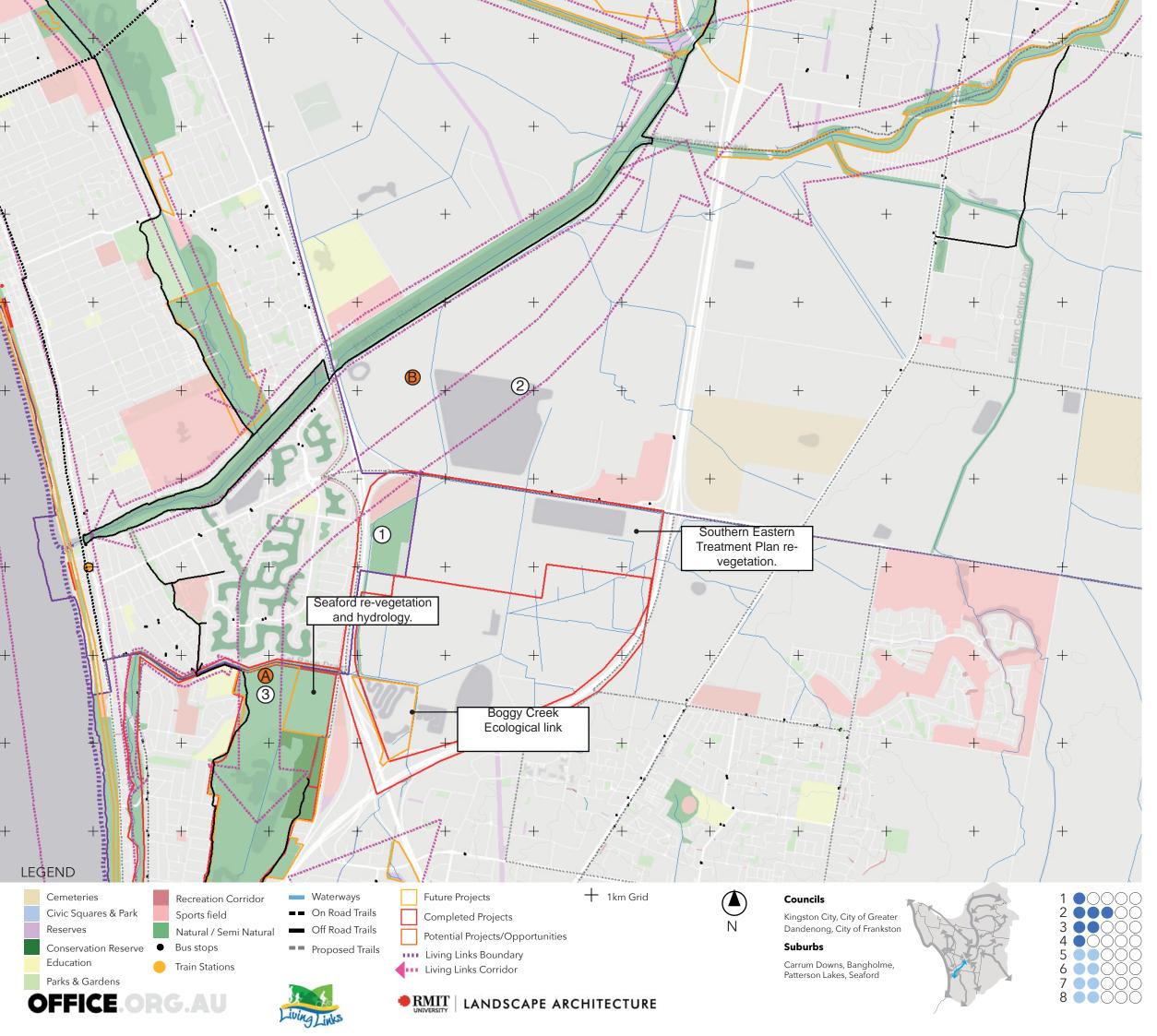
A

Mile Creek is in concrete channel from Chandler Road to Corrigan Road, opportunities here for daylighting that will provide an ecological outcome and public amenity outcomes



Link with Djerring Trail Noble Park.

A drain continues north near the headwater of Mile Creek, this connects to Monash University Clayton Campus. A large amount of investment would be needed in order to make this connection of value ecologically and to the public. The unnamed drain runs through industrial estates and is a concrete channel.



### **11. LIVING LINKS NATURE LINK**

Connecting remnant native vegetation and wetlands across the landscape

#### Attributes

- (1) Patterson Lakes Recreation Reserve
- (2) Melbourne Water Owned Land
- (3) Edithvale Seaford Wetlands

#### **OPPORTUNITIES (GAPS)**

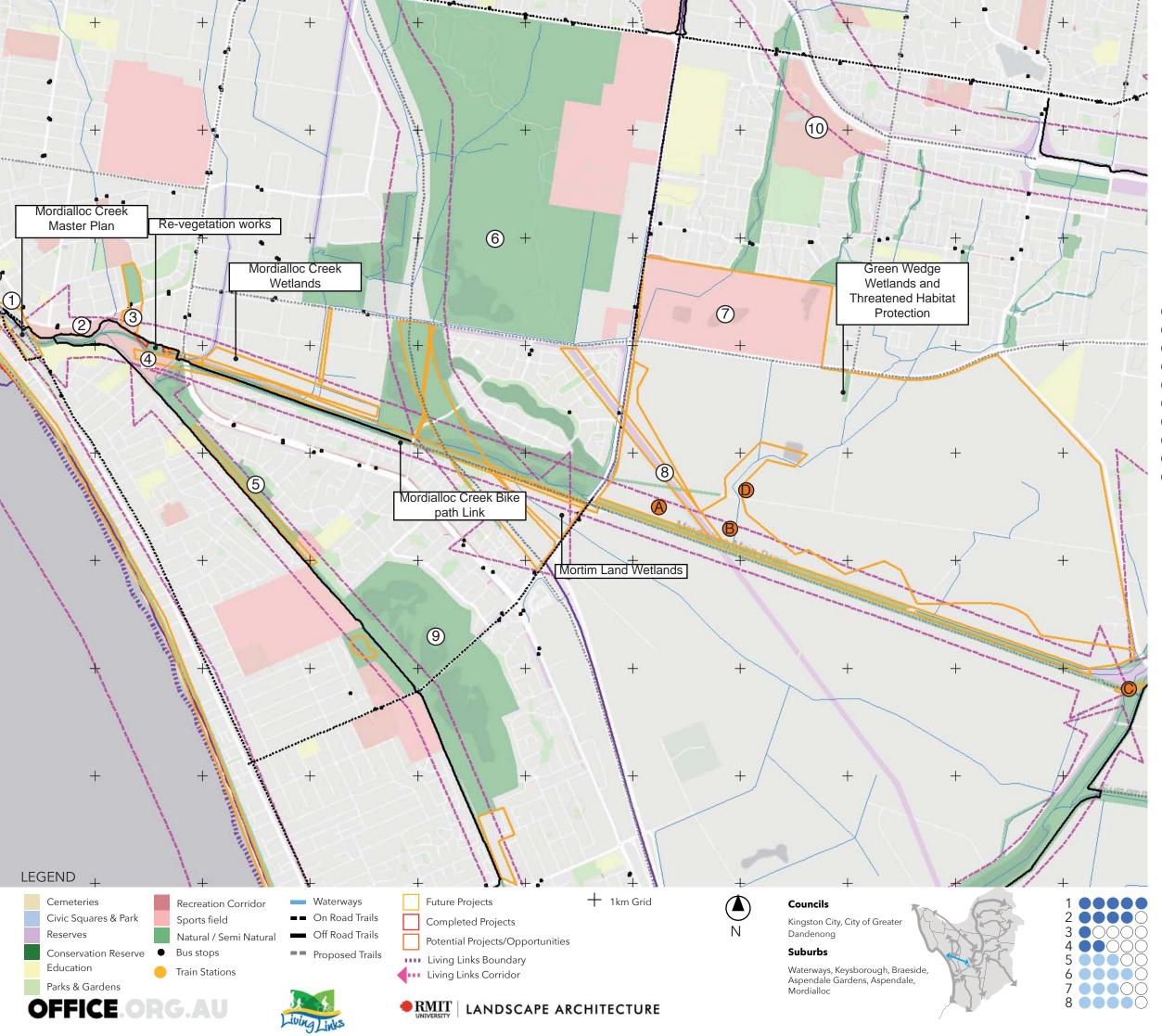
- A
- The connection between Patterson Lakes and Kananook Creek could be greatly improved for a better ecological outcome



Drain system including Wadsleys Drain, Eel Race Drain, and Taylors Drain could be utilised to create better connections between Seaford Swamp, Patterson River and Melbourne Water Treatment plant.

#### NOTES

This corridor to be removed as it lacks a physical grounding, the drains that could be leveraged are not publicly accessible for a range of reasons and are not likely to change in the foreseeable future.



### **12. MORDIALLOC CREEK**

Connecting the Dandenong Creek Corridor to Port Philip Bay along Mordialloc Creek.

This corridor connects the Dandenong Creek Corridor at Bangholme and Port Philip Bay at Mordialloc via the Mordialloc Creek. It also connects between a number of other Living Links corridors including the Eumemmerring Creek, Patterson River, and Mordialloc Bypass.

Much work has been done over the years by council and the community on this corridor. The section between Dandenong Creek and Springvale Road requires particular attention.

This corridor has environmental, recreational and cultural values.

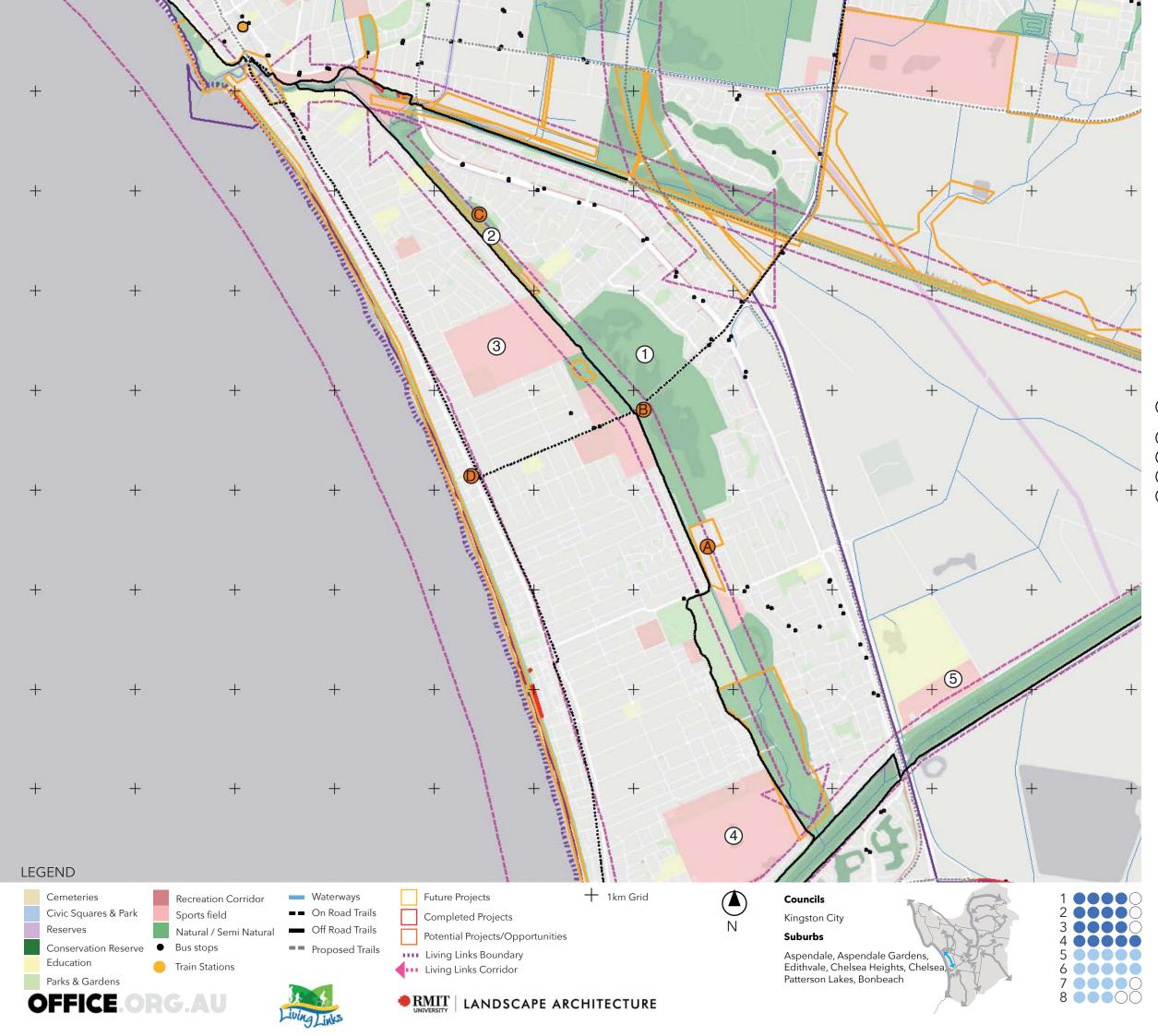
#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Mordialloc Activity Centre
- (2) G Woods Reserve
- 3 Jack Grut Reserve
- (4) Browns Reserve
- 5 Yammerbook Nature Reserve
- 6 Braeside Park
- (7) Keysborough Golf Club
- 8 Keysborough Linear Reserve
- 9 Edithvale Wetlands
- 🛈 Tatterson Bushland & Open Space
- The environmental and cultural features found within or near this corridor include:
- endangered vegetation communities
- threatened flora species
- threatened fauna species
- significant Aboriginal Cultural Heritage Sites
- areas listed on the Register of the National Estate
- significant water bodies

### **OPPORTUNITIES (GAPS)**

- Highly degraded upstream of Boundary Road, with the exception South of Waterways
- B
- Options for naturalising the waterway and extensive re-vegetation works
- C
- Off road path upstream of Springvale Road
- D
- Numerous drains and waterways drain into the creek, upgrading of these spaces would further strengthen the network and improve health of the waterway.



### **13. LONG BEACH TRAIL**

Connecting the Edithvale Wetlands to Mordialloc Creek and Patterson River via the Long Beach Trail

Long Beach Trail is an existing shared path network that runs through an open space and drainage easement between Mordialloc Creek in the north and Patterson River in the south. A number of important natural features adjoin this easement, including the internationally recognised Edithvale Wetlands as well as Yammerbook Wetlands, Mordialloc Creek Reserve, Wannarkladdin Wetland and the Edithvale Common.

Much work to enhance the natural values of the corridor have been carried out by City of Kingston and Melbourne Water, with help from local schools, community groups and members of the public. There are opportunities for further work in various sections along the trail, such as improving path connectivity between residents and amenities and re-vegetation and weed control works to improve habitat for local fauna and provide a vegetation buffer for Edithvale Wetlands.

#### Attributes

The recreational and social features found within or near to the corridor include:

- ① Edithvale-Seaford Wetlands Environmental Area
- (2) Yammerbook Nature Reserve
- (3) Rossdale Golf Club
- (4) Patterson River Country Club
- (5) National Water Sports Centre

### **OPPORTUNITIES (GAPS)**

A F

Potential for stakeholders to investigate purchasing of private land on Thames Promenade to expand the corridor.

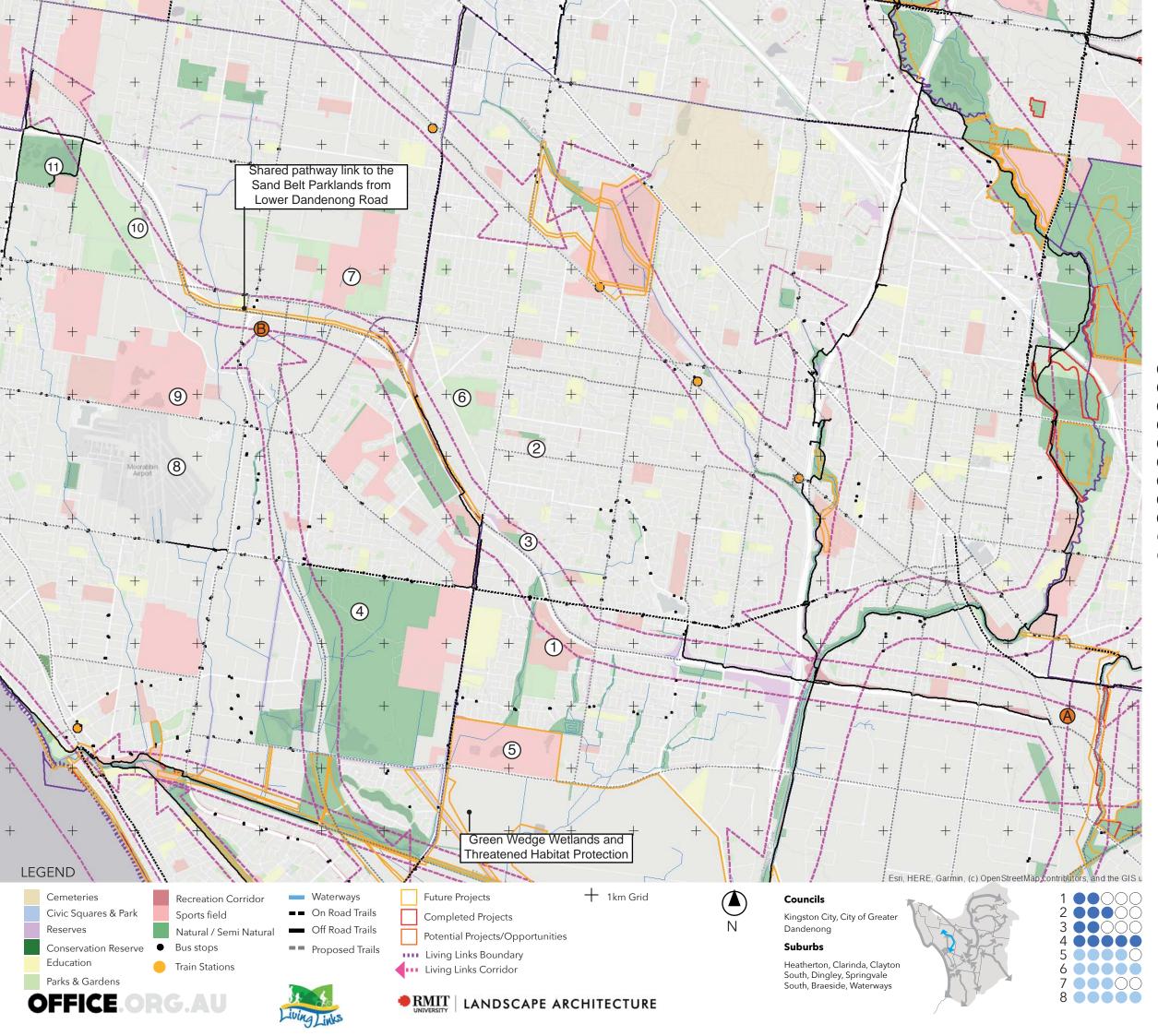


Improve intersections between roads and corridor



- Extensive re-vegetation works
- Improve connections back to trainstation to improve accessibility to the wetland corridor





### 14. DINGLEY - DANDENONG BYPASS TRAIL

This corridor connects Karkarook Park in Oakleigh South and through to Tatterson Bushland, it then follows the Dandenong Bypass Trail until the trail ends where it meets the South Gippsland Highway in Dandenong South. In the North East the corridor follows the "Sandbelt Parklands" or "Chain of Parks" which is being funded through the Suburban Parks Program of the Victorian State Government.

Currently there is an off road path on the Northern side of the Dingley Bypass and Westall Road, this off road path travels all the way to The Dandenong Creek Trail. The Mordialloc bypass will be key to improving the pedestrian and cycling amenity within the area.

The corridor will act as an armature linking a number of key parks along the corridor

This corridor links up with the Mordialloc Bypass corridor, Yarraman and Mile Creek Corridor, Dandenong Creek Corridor and has the potential to link with Eumemmerring Creek Corridor.

#### Attributes

- 1 Tatterson Bushland & Open Space
- 2 Alex Wilkie Bushland
- ③ Coomoora Bushland
- (4) Braeside Park
- 5 Keysborough Golf Club
- 6 Spring Valley Park
- (7) Heatherton Park
- (8) Moorabin Airport
- (9) Capital Golf Course
- Quarry
- (1) Karakook Park

### **OPPORTUNITIES (GAPS)**



Create trail and ecological connection from Dandenong South Trail to Eumemmerring Creek Corridor

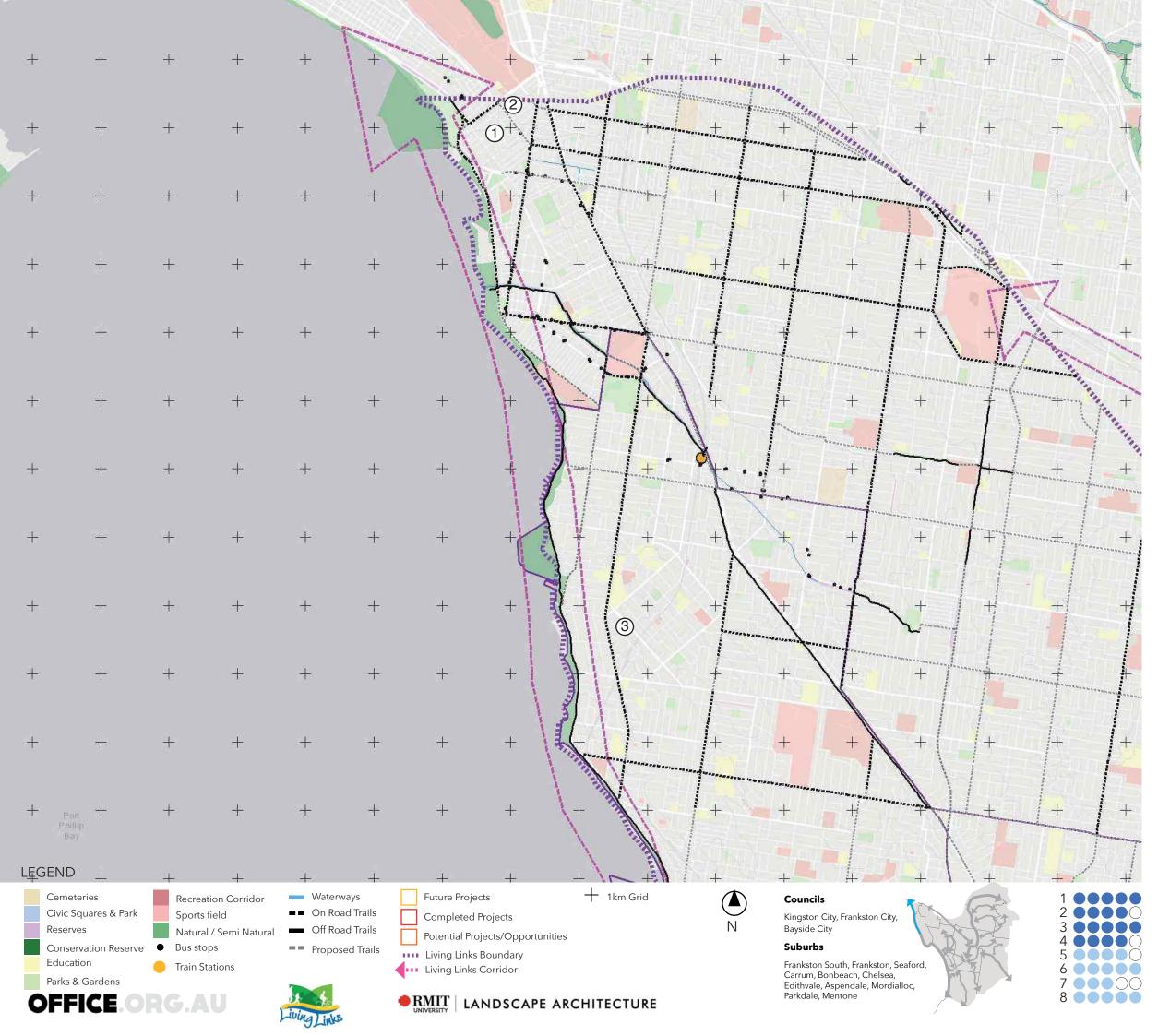


Opportunities to use the Mordialloc Bypass to strengthen corridor ecologically and also from a pedestrian/cyclist perspective

### NOTES

Previously referred to as Karkarook Park To Braeside Park





Connecting Frankston Foreshore along Port Phillip Bay to St Kilda and Albert Park

This corridor is centred on the Port Philip Bay foreshore between St Kilda and Frankston, providing a connection between the Mornington Peninsula and Melbourne.

The Bay Trail provides an off road pedestrian and cycling route north of Mordialloc Pier. South of the pier, there is no off-road path until Patterson River. South of Patterson River there are small sections of off road path but this network lacks legibility.

Indigenous vegetation provides protection from cold salty sprays during winter months and makes a beautiful backdrop for beach users during summer. Councils are committed to providing a shared cycling and walking path along the foreshore to connect with their neighbouring municipalities.

This corridor has environmental, social, cultural and recreational values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Acland Street Activity Centre
- ② Fitzroy Street Activity Centre
- (3) Church Street Activity Centre

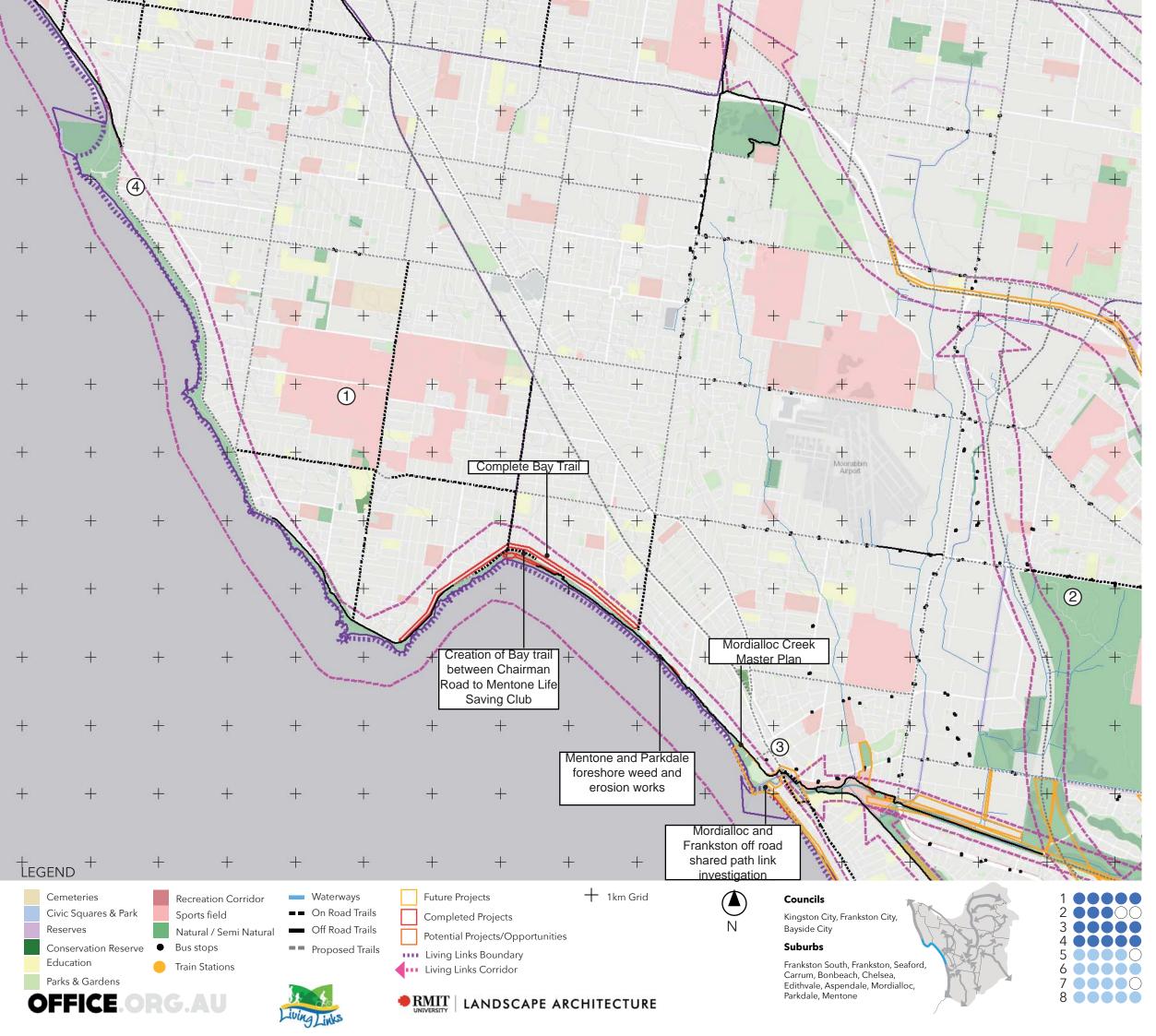
The environmental and cultural features found within or near this corridor include:

- 18 endangered vegetation communities making up 3% of the corridor
- 13 recorded threatened flora species
- 51 recorded threatened fauna species
- 22 significant Aboriginal Cultural Heritage Sites
- 84 areas listed on the Register of the National Estate
- Approximately 30ha of significant water bodies

#### **OPPORTUNITIES (GAPS)**

Lack of off road path along the entirety of corridor.

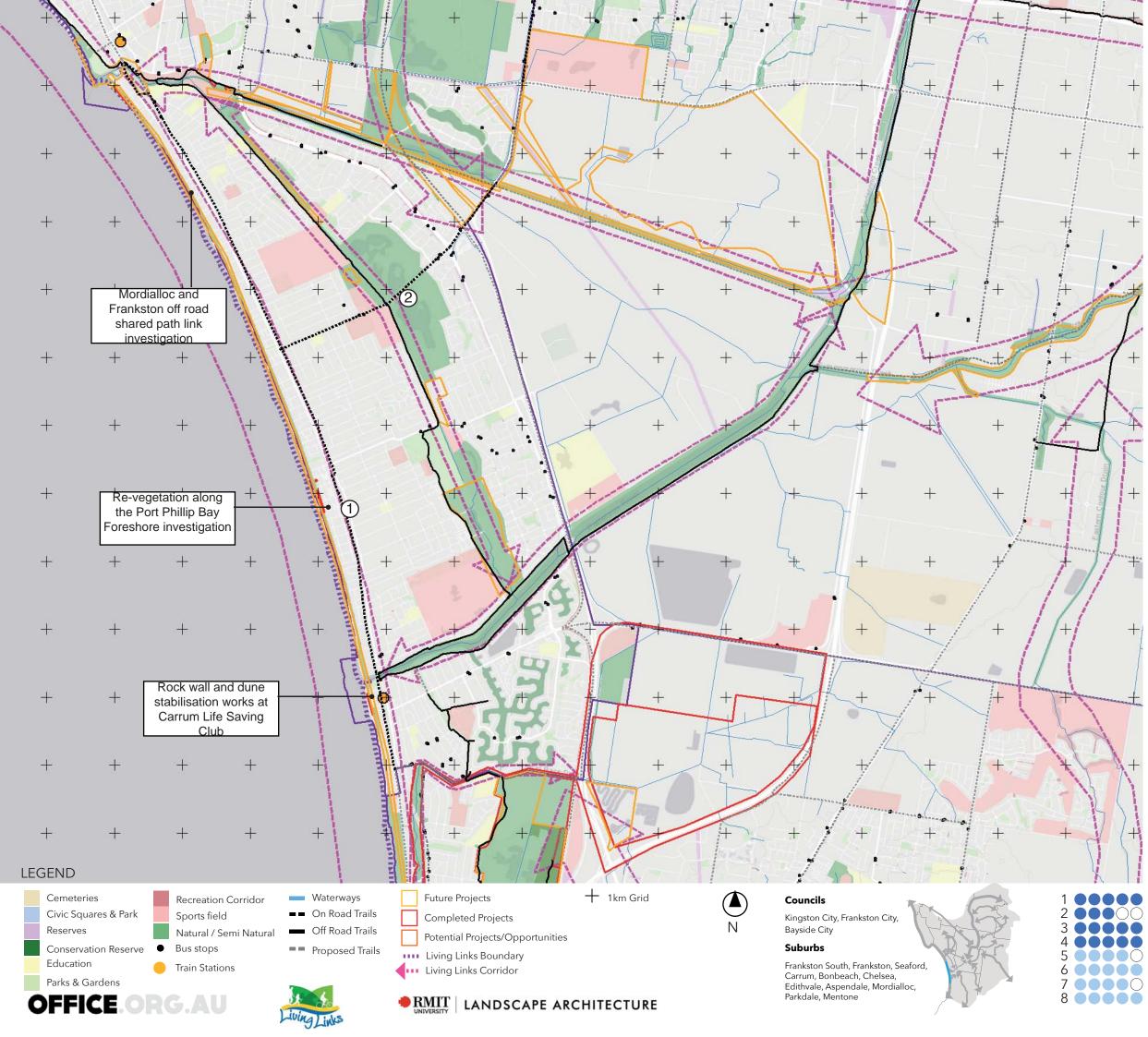
Highly utilised corridor that provides large amounts of public amenity.



#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Royal Melbourne Golf Club
- 2 Braeside Park
- (3) Mordialloc Activity Centre
- (4) Sandringham Activity Centre



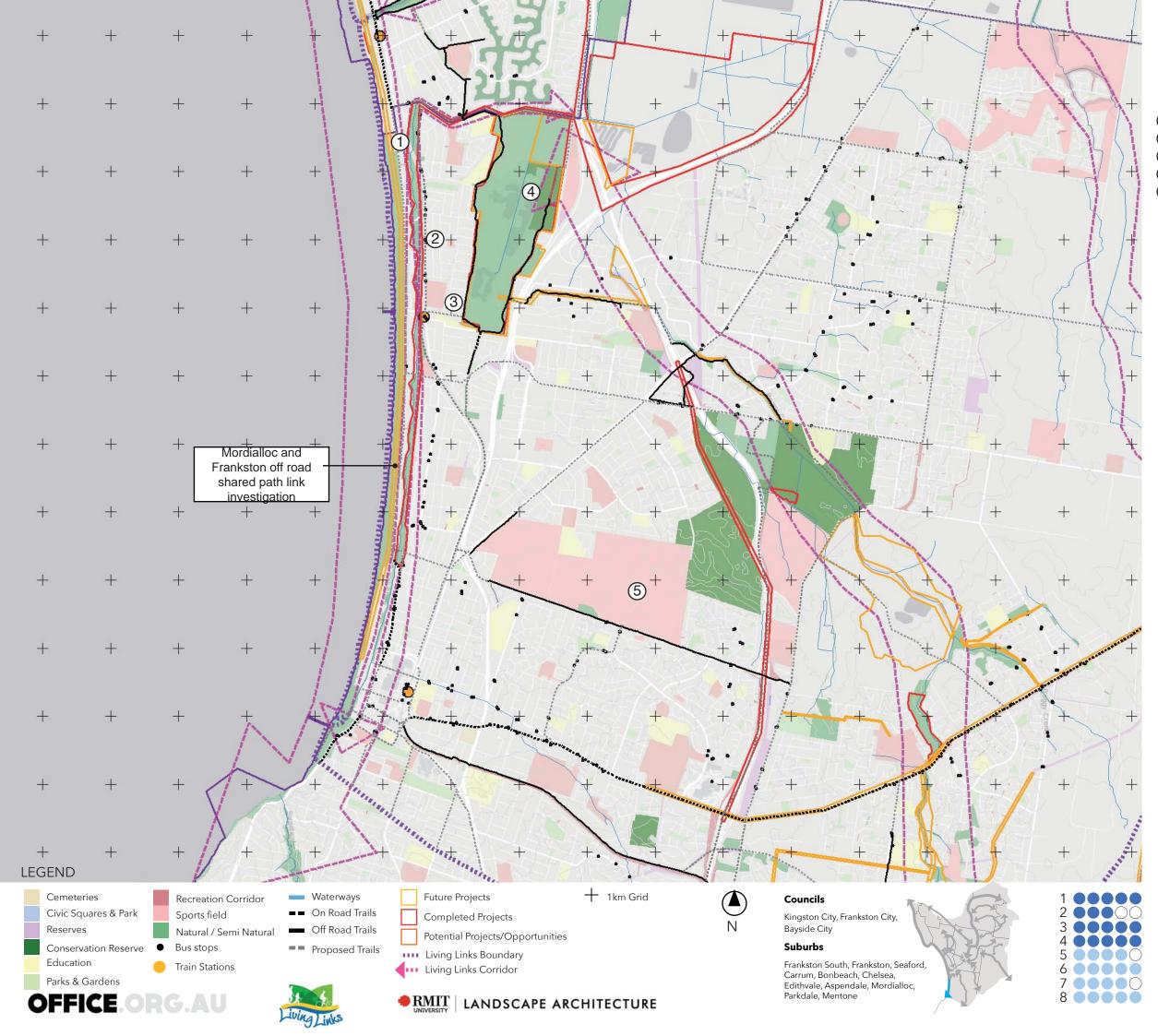
#### Attributes

The recreational and social features found within or near to the corridor include:



(1) Chelsea Activity Centre

Edithvale-Seaford Wetlands

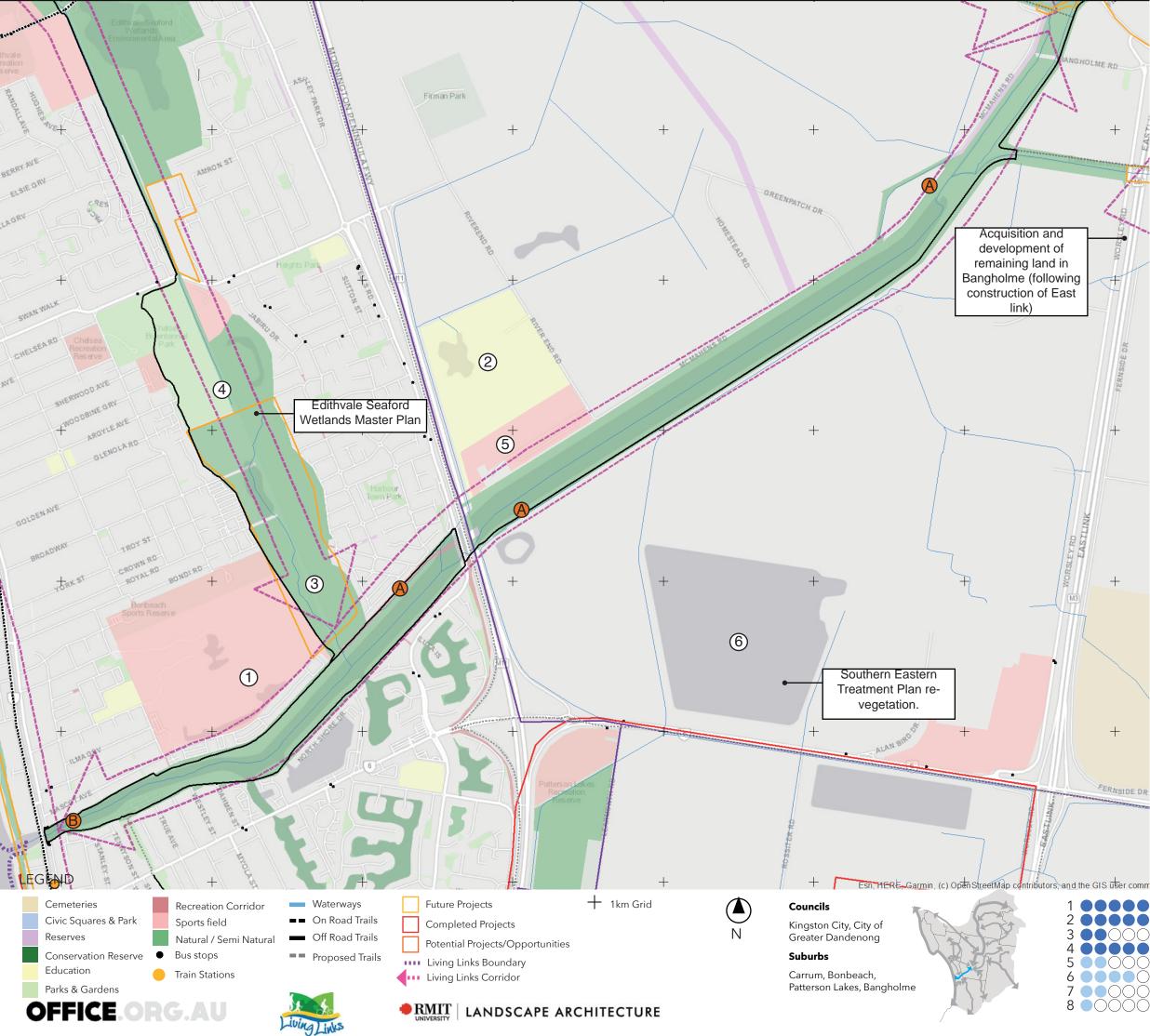


#### Attributes

The recreational and social features found within or near to the corridor include:

(1) Keast Park

- (2) Kananook Creek Reserve
- (3) Seaford North Reserve
- 4 Edithvale Seaford Wetlands
- 5 Peninsula Kingswood Country Golf Club



### **16. PATTERSON RIVER**

Connecting the Dandenong Creek, Long Beach Trail and Eumemmerring Creek Corridors to Port Phillip Bay via the Patterson River

This corridor follows Patterson River from Bangholme to Port Philip Bay at Carrum. It provides an important link between a number of Living Links Corridors at Bangholme - including the Dandenong Creek, Eumemmerring Creek, and Mordialloc Creek Corridors - with the Port Philip Bay Corridor.

The Patterson River area was originally Carrum Carrum Swamplands, which extended from Mordialloc to Frankston behind a broad coastal sand ridge. In 1879, public works were conducted to cut through the sand ridge to drain the swamp. This cut was referred to as the Patterson's Drain or River. Patterson River now consists of a canal system within the Patterson Lakes residential area. There are facilities for boats, riverside picnics and it also contains the National Water Sports Centre. This area is managed in partnership by Parks Victoria, Melbourne Water and City of Kingston.

This corridor has environmental, recreational and cultural values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Patterson River Golf Club
- 2 Cornish College
- 3 Wannarkladdin Wetlands
- (4) Bicentennial Park
- (5) National Water Sports Centre
- (6) Melbourne Water Owned Land

The environmental and cultural features found within or near this corridor include:

- endangered vegetation communities ٠
- threatened fauna species
- significant Aboriginal Cultural Heritage Sites
- significant water bodies

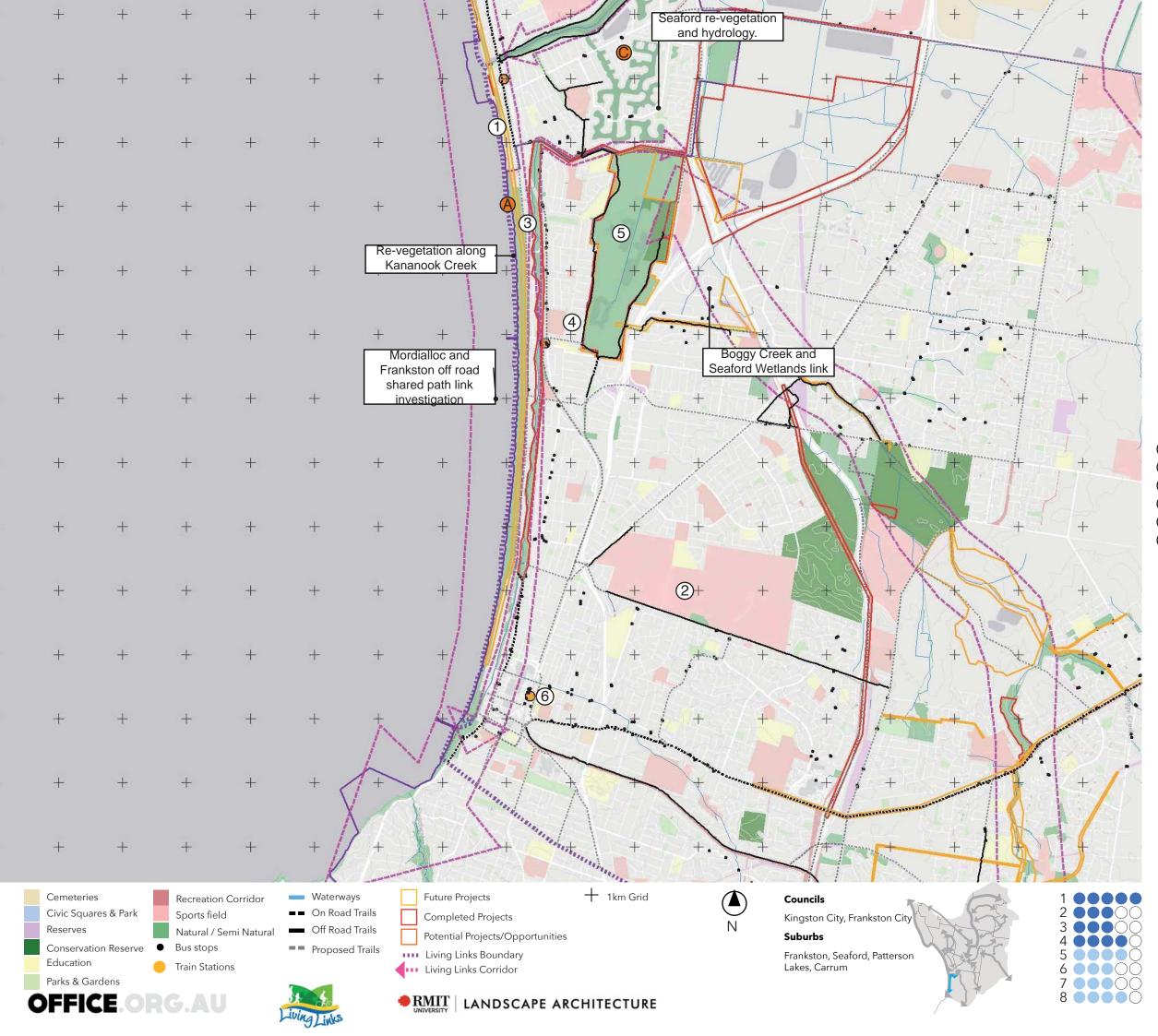
### **OPPORTUNITIES (GAPS)**

Extensive re-vegetation works along the river banks with a particular focus placed upstream of the harbour.

 $(\mathbf{A})$ 

Downstream of the harbour works should be undertaken to minimise negative environmental effects of being a highly trafficked area





### **17. KANANOOK CREEK**

Connecting Boggy Creek Corridor through Eel Race Drain to Port Phillip Bay

Kananook Creek is one of three tributaries in the Living Links area that flow directly out into Port Phillip Bay. It was a natural outlet of the former Carrum Carrum Swamp, which lay behind the coastal dunes from Mordialloc to Frankston.

Running parallel to the coastline, the creek connects Seaford Wetlands to the Port Philip Bay Foreshore at Frankston.

Greatly disturbed by past development, today Kananook Creek is in much better condition and is home to many indigenous plants and animals. It is one of Frankston's most beautiful natural environments, providing a unique and picturesque place for people to commune with nature in the midst of the urban landscape.

Kananook Creek was an important source of fish and eels for the local Boon Wurrung people. There is still evidence of their activities along the banks of Kananook Creek.

This corridor has environmental, social, recreational and cultural values.

#### Attributes

The recreational and social features found within or near to the corridor include:

- (1) Keast Park
- (2) Peninsula Kingswood Golf Club
- 3 Kananook Creek Reserve
- 4 Seaford North Reserve
- 5 Edithvale Seaford Wetlands
- 6 Frankston Station

The environmental and cultural features found within or near this corridor include:

- Seaford Wetlands (158 hectares)
- Kananook Creek Reserve
- Port Philip Bay Foreshore Reserve
- Armstrong's Reserve
- Endangered vegetation communities
- Threatened flora species
- Threatened fauna species
- Significant Aboriginal Cultural Heritage Sites

### **OPPORTUNITIES (GAPS)**

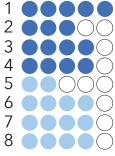


Upgrade path network to make more accessible.



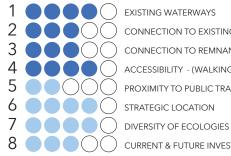
- Upstream of Eel Race road, large opportunities for re-vegetation works.
- Interface with Patterson Lakes could be improved for greater ecological outcomes

#### 01 - BLIND CREEK



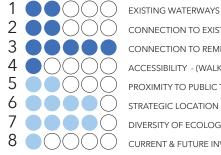
- 1 EXISTING WATERWAYS
- 2 ()() CONNECTION TO EXISTING CORRIDORS 3 CONNECTION TO REMNANT ECOLOGIES 4 ACCESSIBILITY - (WALKING/CYCLING) 5 O()() PROXIMITY TO PUBLIC TRANSPORT 6 STRATEGIC LOCATION 7 DIVERSITY OF ECOLOGIES
- 8 CURRENT & FUTURE INVESTMENT

### **02 - FERNY CREEK**



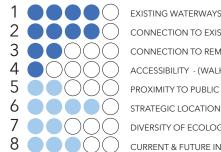
- CONNECTION TO EXISTING CORRIDORS
- 3 CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) 5 PROXIMITY TO PUBLIC TRANSPORT
- 8 CURRENT & FUTURE INVESTMENT

### **03 - CHURCHILL AND LYSTERFIELD PARK**



CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT

### **04 - EUMEMMERRING CREEK**



- CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT
- STRATEGIC LOCATION DIVERSITY OF ECOLOGIES

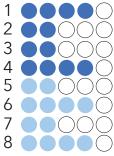
### **05 - TROUPS CREEK**



**OFFICE.ORG.AU** 

- CURRENT & FUTURE INVESTMENT ) EXISTING WATERWAYS 2 ( )( )( )( ) CONNECTION TO EXISTING CORRIDORS
- 5 PROXIMITY TO PUBLIC TRANSPORT
- 8 ()()()() CURRENT & FUTURE INVESTMENT

### **06 - HALLAM VALLEY**



CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES

EXISTING WATERWAYS

ACCESSIBILITY - (WALKING/CYCLING)

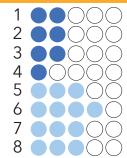
PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION

DIVERSITY OF ECOLOGIES

EXISTING WATERWAYS

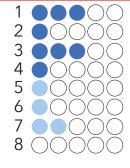
CURRENT & FUTURE INVESTMENT

### **07 - BOGGY CREEK**



CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT

### **08 - SWEETWATER CREEK**



EXISTING WATERWAYS CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT

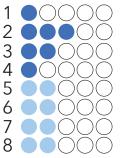
### **09 - DANDENONG CREEK**

# CURRENT & FUTURE INVESTMENT

#### **10 - YARRAMAN AND MILE CREEK** $\mathbf{OOO}(\mathbf{I})$ EXISTING WATERWAYS 2 3 4 5 6 7 8 🔍 ( ) ( ) ( )

CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT

### **11 - LIVING LINKS NATURE LINK**



**12 - MORDIALLOC CREEK** EXISTING WATERWAYS CONNECTION TO EXISTING CORRIDORS

CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) 5 PROXIMITY TO PUBLIC TRANSPORT  $\mathbf{6}$ STRATEGIC LOCATION 7DIVERSITY OF ECOLOGIES 8 CURRENT & FUTURE INVESTMENT

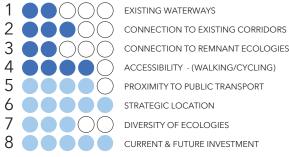
### **13 - LONG BEACH RAIL**

3

4

1	EXISTING WATERWAYS
2	CONNECTION TO EXISTING CORRIDORS
3	CONNECTION TO REMNANT ECOLOGIES
4	ACCESSIBILITY - (WALKING/CYCLING)
5	PROXIMITY TO PUBLIC TRANSPORT
5	STRATEGIC LOCATION
7	DIVERSITY OF ECOLOGIES
3	CURRENT & FUTURE INVESTMENT

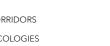
**14. DINGLEY - DANDENONG BYPASS TRAIL** 



### **15 - PORT PHILLIP BAY FORESHORE**











EXISTING WATERWAYS CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING)

- PROXIMITY TO PUBLIC TRANSPORT
- STRATEGIC LOCATION
- DIVERSITY OF ECOLOGIES

# **CORRIDOR ANALYSIS**

Following on from a workshop with the councils, Melbourne Water and Port Phillip and Western Port Catchment Management Authority as well as on going conversations with specific councils, the removal and redefinition of the corridors was agreed upon.

By using the corridor analysis criteria against each corridor it allows for an broad understanding of each corridor. The priority corridors have been selected not based soley on scoring highly or lowly but also a range of other factors.

The priority corridors were selected in a workshop with stakeholders on 04/12/20. In this meeting we agreed on the following principles / selection criteria to select the top four priority corridors for detailed mapping:

Current level of attention / investment (areas already receiving a lot of attention/investment were not seen as a top priority; nor were those where there is very little attention/investment).

Spatial spread across the region - engaging with as many different Living Links partners as possible, particularly those who have not received funding through LL for some time.

Variety of 'typologies' - e.g.... ranging from more urban (people-focused) to more biodiversity-focused.

Alignment with priorities of potential funding sources (e.g. water quality is a priority for the next round of OCOC, EC5).

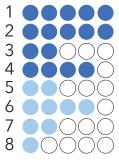
Regional significance (vs. local significance) - including contribution to linking between other corridors, biodiversity assets and/or activity centres.

Provides both biodiversity and social values.

Feasibility of improving biodiversity values (i.e. likelihood of species actually using the corridor).

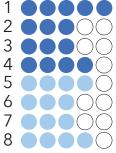
### LEGEND **PRIORITY CORRIDORS CORRIDORS TO REMOVE REDEFINED CORRIDORS**

#### **16 - PATTERSON RIVER**



EXISTING WATERWAYS CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION **DIVERSITY OF ECOLOGIES** CURRENT & FUTURE INVESTMENT

#### **17 - KANANOOK CREEK**



EXISTING WATERWAYS CONNECTION TO EXISTING CORRIDORS CONNECTION TO REMNANT ECOLOGIES ACCESSIBILITY - (WALKING/CYCLING) PROXIMITY TO PUBLIC TRANSPORT STRATEGIC LOCATION DIVERSITY OF ECOLOGIES CURRENT & FUTURE INVESTMENT

### LIVING LINKS: MAPPING THE GAPS 31