

# asleep at the wheel

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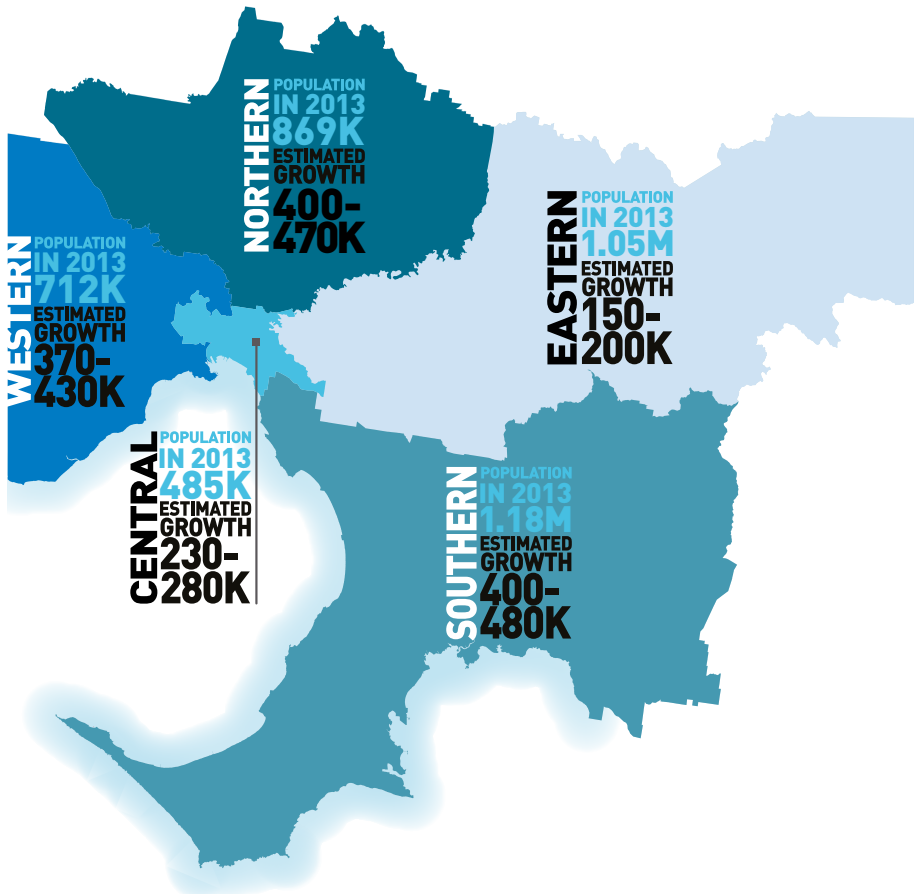






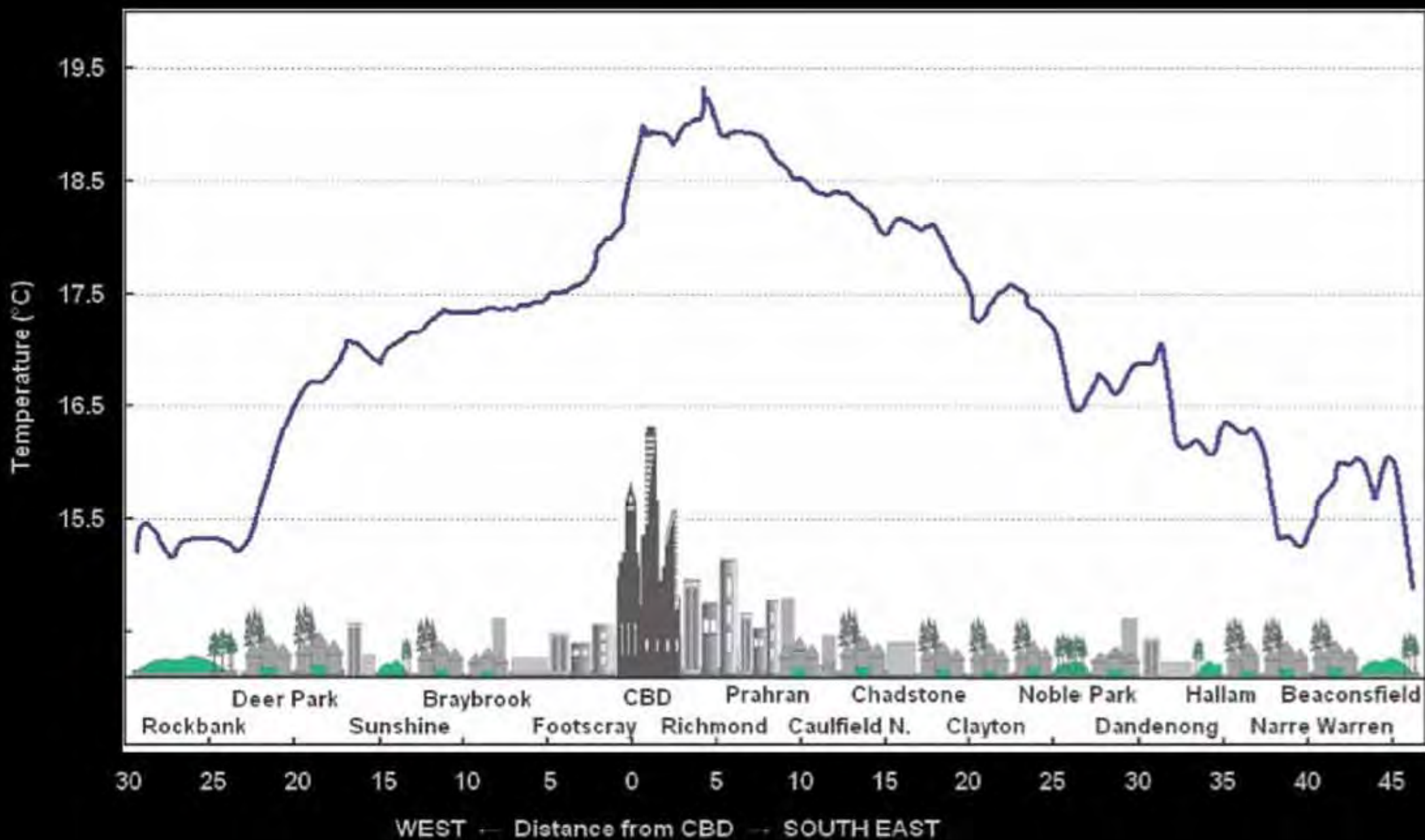








# Melbourne Temperatures





City of Port Phillip

An aerial photograph of the Port Phillip area, showing a mix of industrial zones with large warehouses and shipping docks, and residential neighborhoods with dense housing. A large, semi-transparent hexagonal shape is overlaid on the image, framing the central part of the city. The water of the port is visible at the top and bottom edges of the hexagon.

# OPEN SPACE METRICS

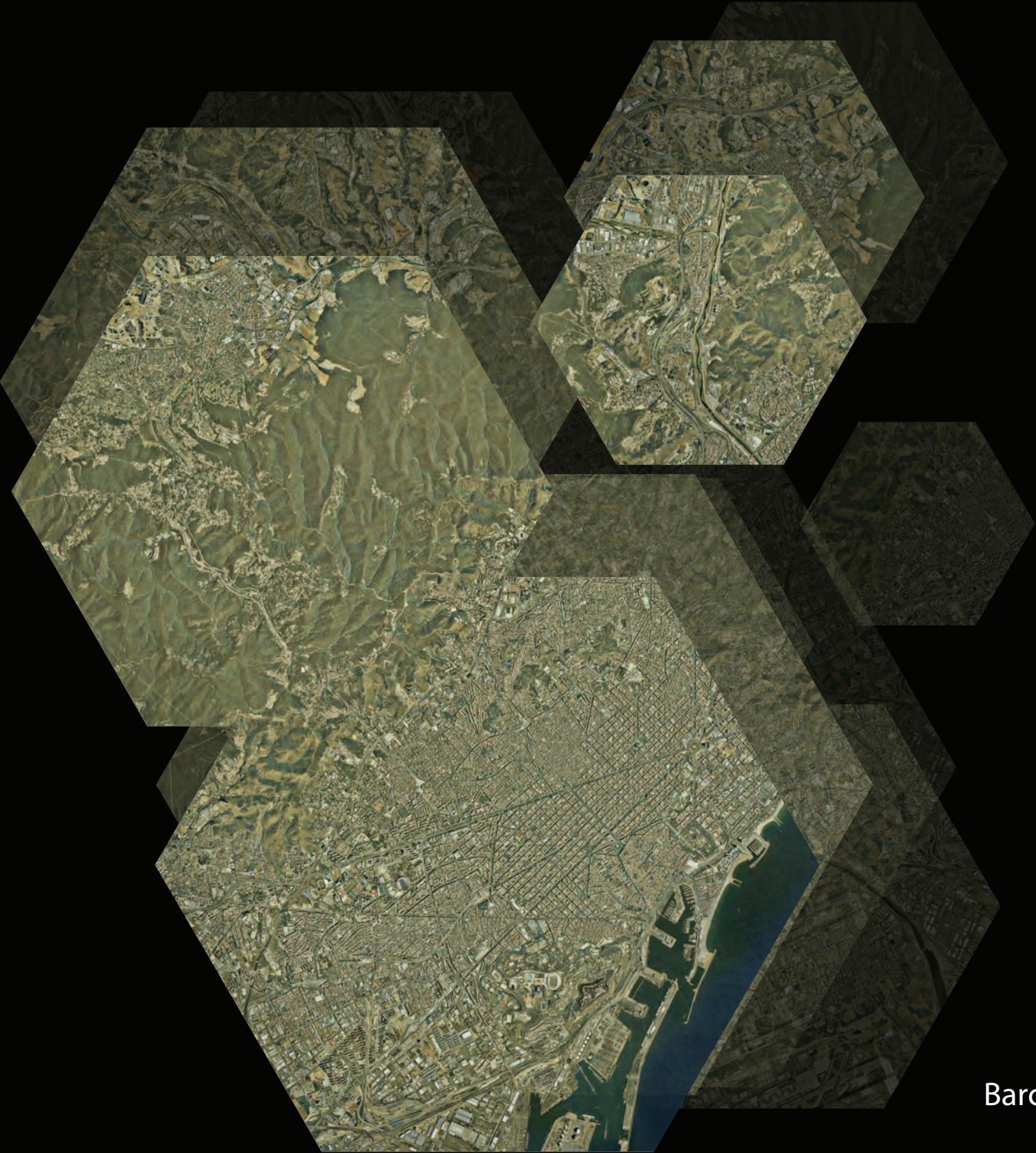
Research Study





Amsterdam





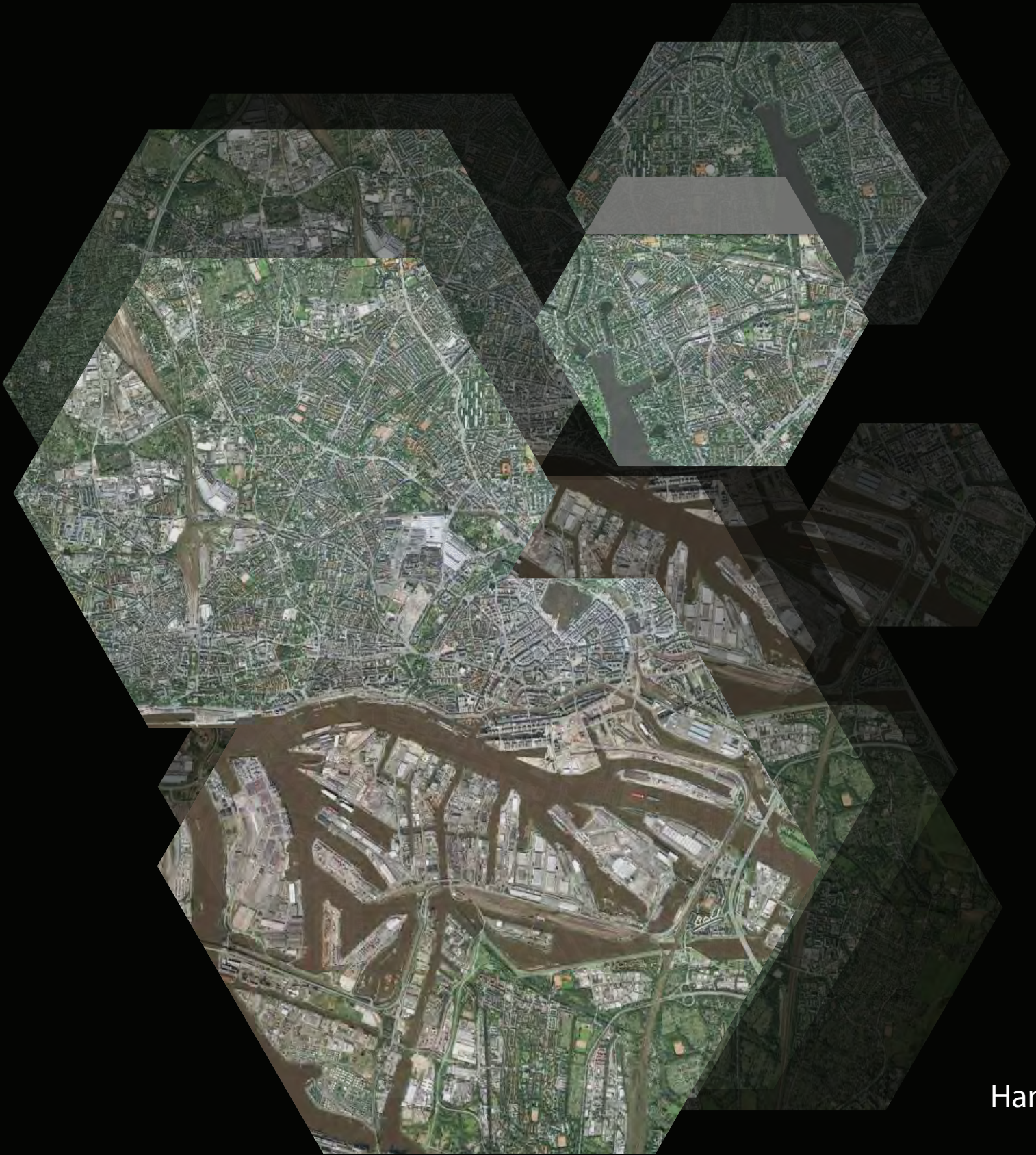
Barcelona





Melbourne





Hamburg





New York



spatial metrics bar code

POS as % of Study Area 6.36%

Population Density



People per ha of Public Open Space



Precinct + Neighborhood Park Spaces



People per ha of Precinct + Neighborhood Park Space



Local + Pocket Park Spaces



People per ha of Local + Pocket Park Spaces



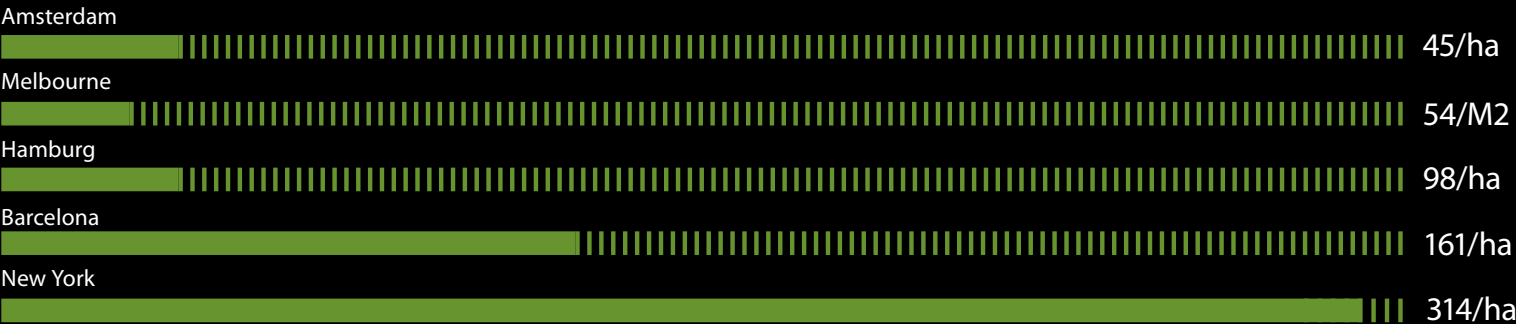
L/M of footpaths and edge to area ratio



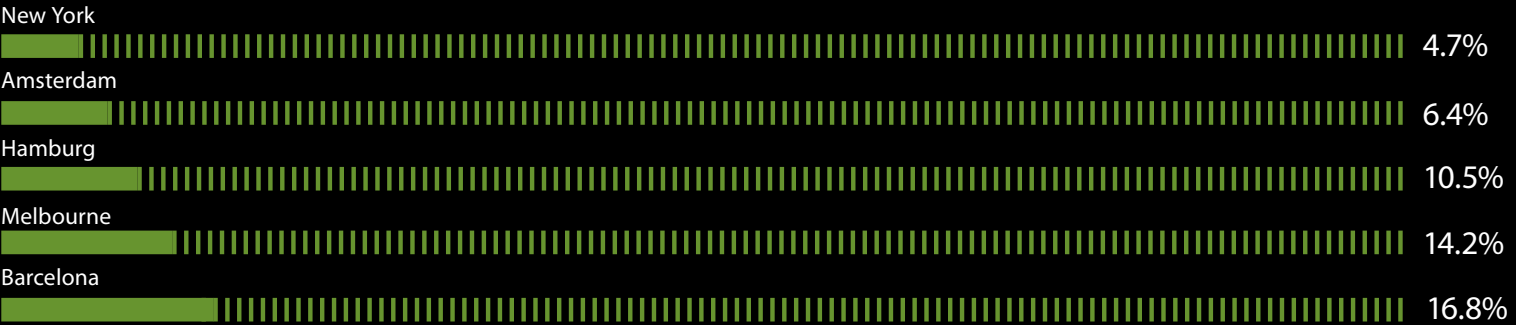
# 3.0 study area comparisons

(ranking low to high)

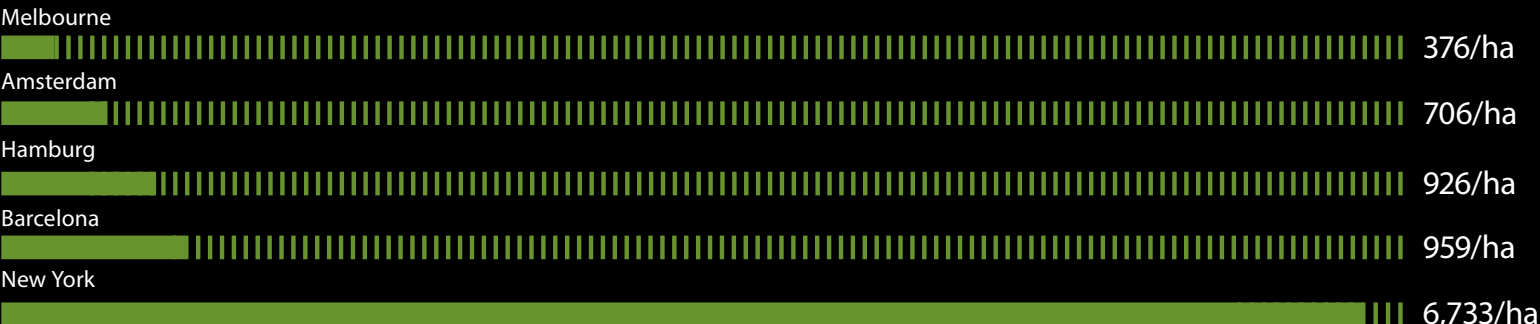
## Population Density



## POS as % of Study Area



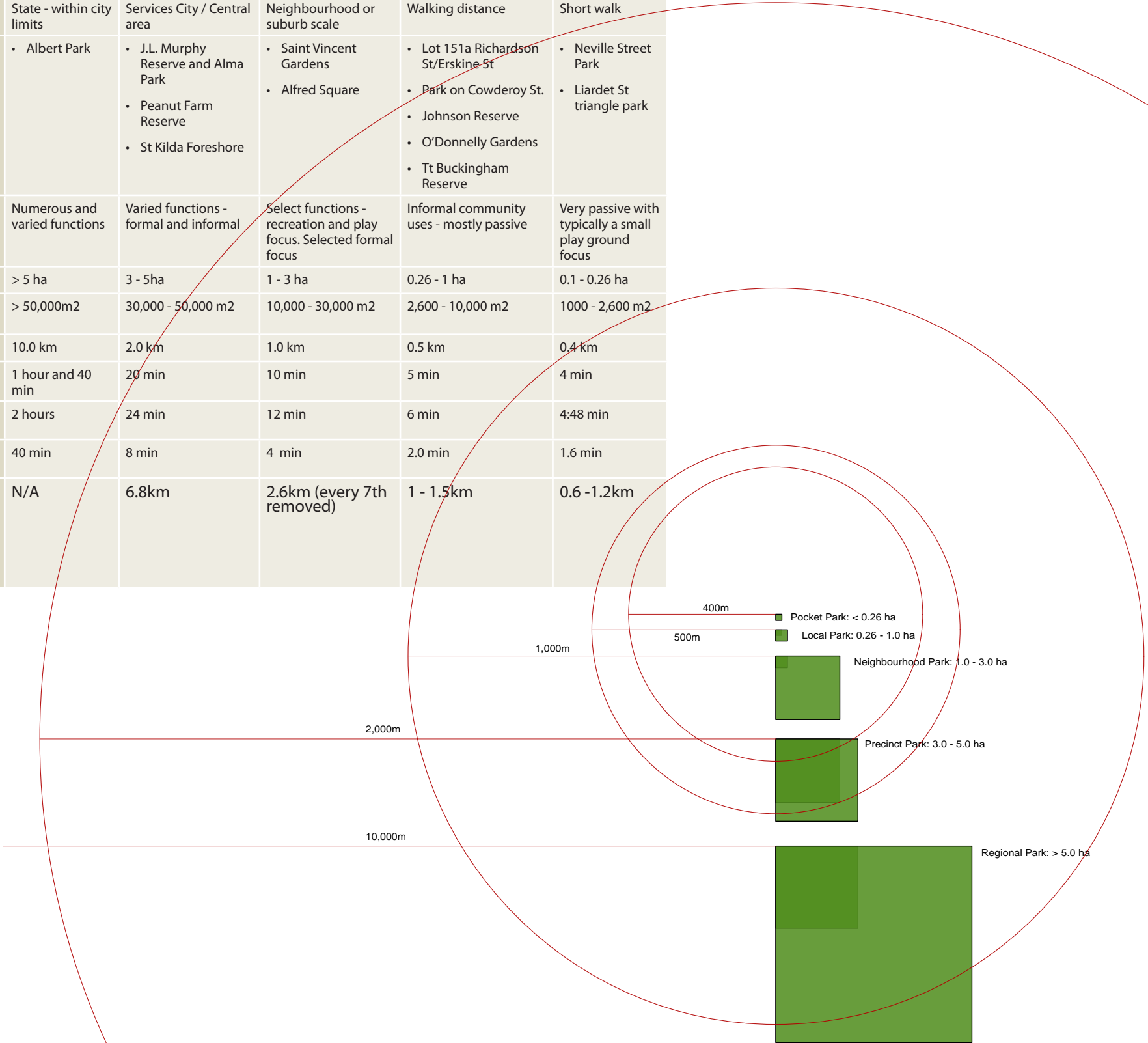
## People per hectare of POS

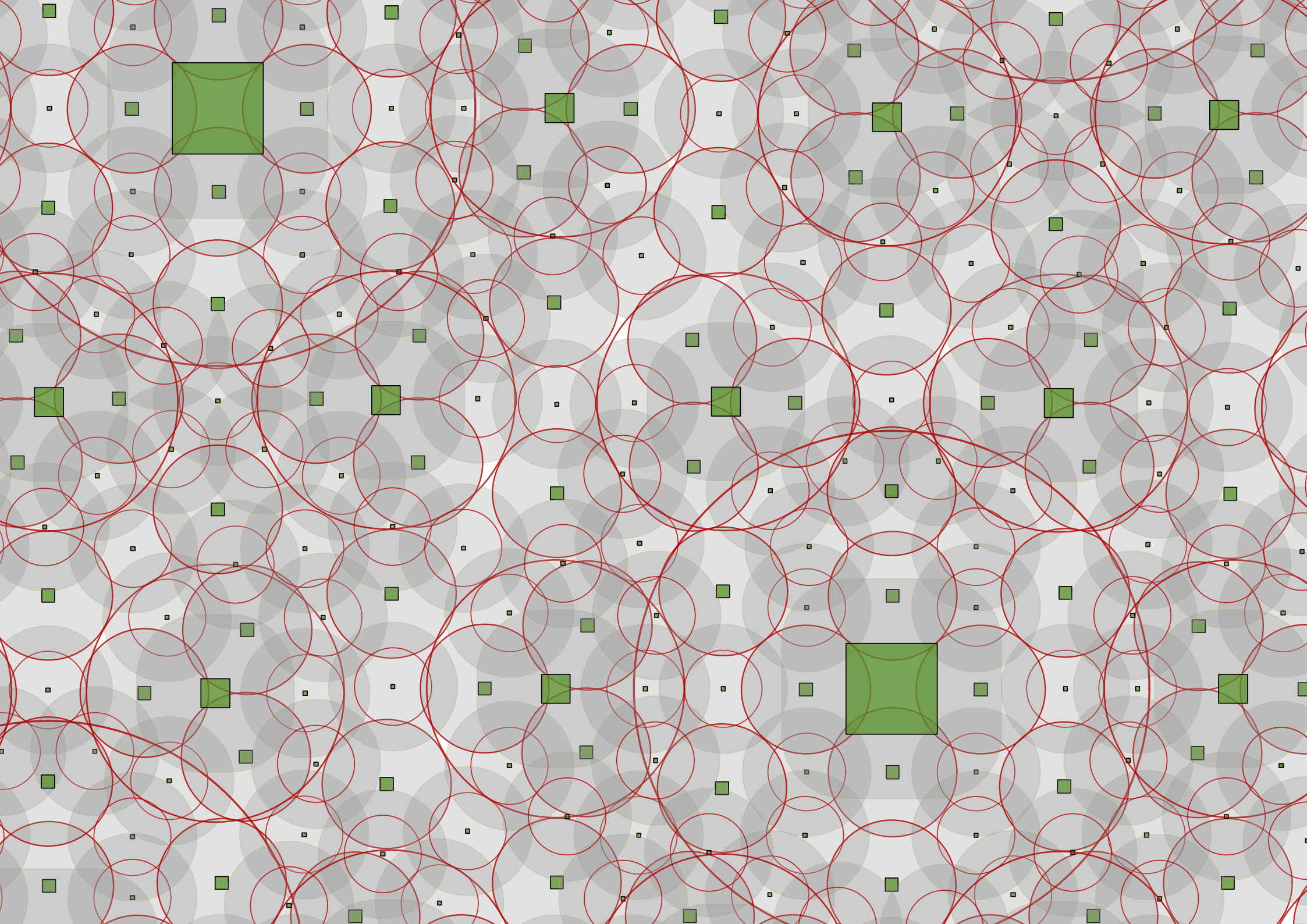




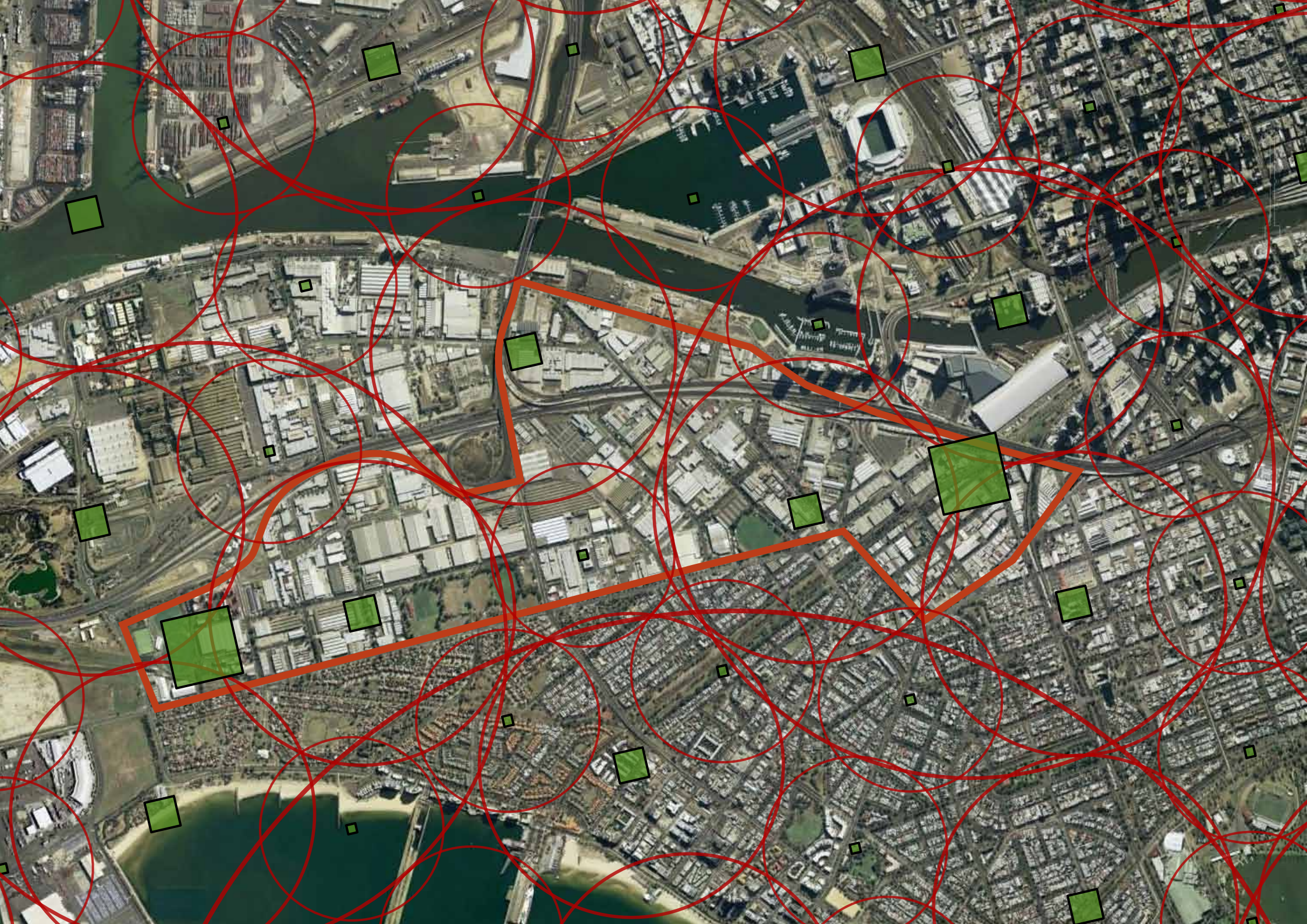
# Public Open Space (POS) sizes & definitions

Park size definitions - Public Space Network					
Typology*	Regional Park	Precinct Park	Neighbourhood Park	Local Park	Pocket Park
Service scale	State - within city limits	Services City / Central area	Neighbourhood or suburb scale	Walking distance	Short walk
CoPP example	<ul style="list-style-type: none"><li>Albert Park</li></ul>	<ul style="list-style-type: none"><li>J.L. Murphy Reserve and Alma Park</li><li>Peanut Farm Reserve</li><li>St Kilda Foreshore</li></ul>	<ul style="list-style-type: none"><li>Saint Vincent Gardens</li><li>Alfred Square</li></ul>	<ul style="list-style-type: none"><li>Lot 151a Richardson St/Erskine St</li><li>Park on Cowderoy St.</li><li>Johnson Reserve</li><li>O'Donnelly Gardens</li><li>Tt Buckingham Reserve</li></ul>	<ul style="list-style-type: none"><li>Neville Street Park</li><li>Liardet St triangle park</li></ul>
Function	Numerous and varied functions	Varied functions - formal and informal	Select functions - recreation and play focus. Selected formal focus	Informal community uses - mostly passive	Very passive with typically a small play ground focus
Size of park (ha)	> 5 ha	3 - 5ha	1 - 3 ha	0.26 - 1 ha	0.1 - 0.26 ha
Size of park (km2 /m2)	> 50,000m2	30,000 - 50,000 m2	10,000 - 30,000 m2	2,600 - 10,000 m2	1000 - 2,600 m2
Catchment (km)	10.0 km	2.0 km	1.0 km	0.5 km	0.4 km
Walking time (@ 6km/hr)	1 hour and 40 min	20 min	10 min	5 min	4 min
Walking time (@ 5km/hr)	2 hours	24 min	12 min	6 min	4:48 min
Cycle time (@ 15km/hr)	40 min	8 min	4 min	2.0 min	1.6 min
Distribution (locate every... (km) - refer theoretical pattern opposite - guide only)	N/A	6.8km	2.6km (every 7th removed)	1 - 1.5km	0.6 -1.2km

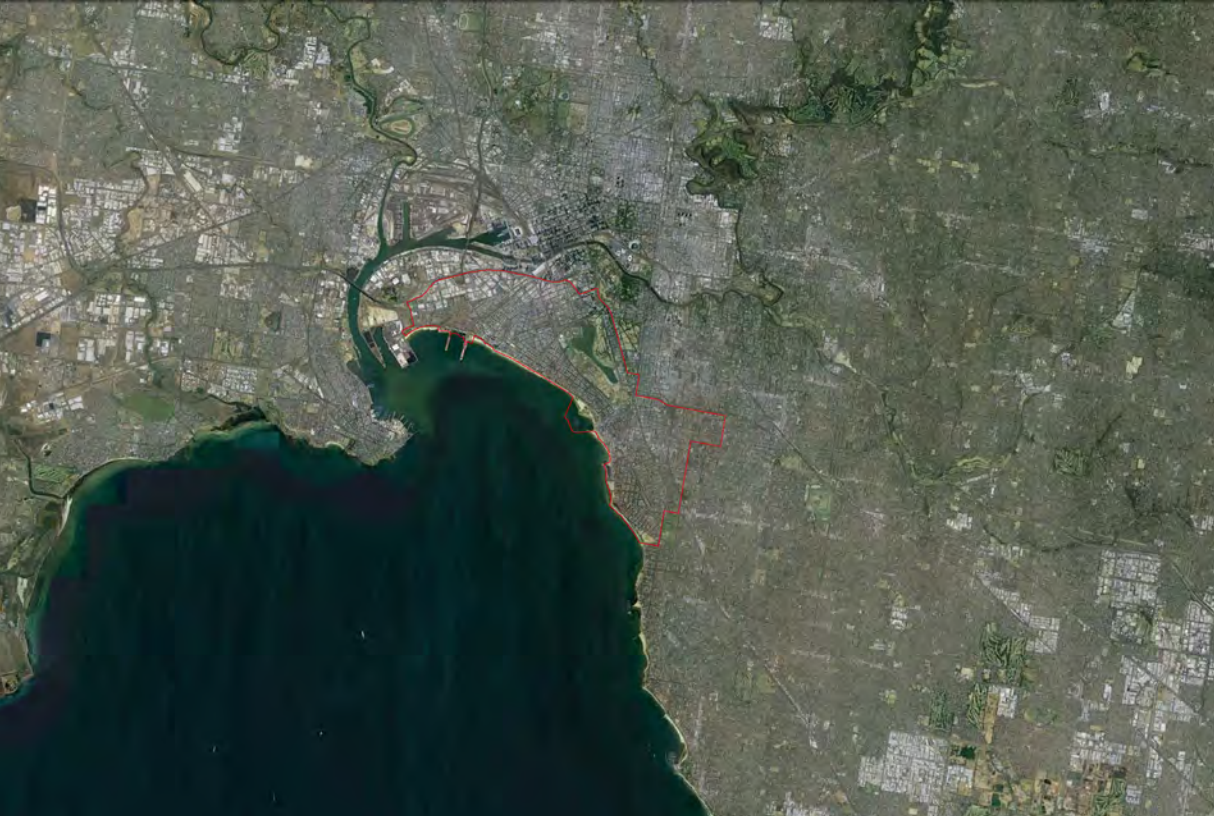




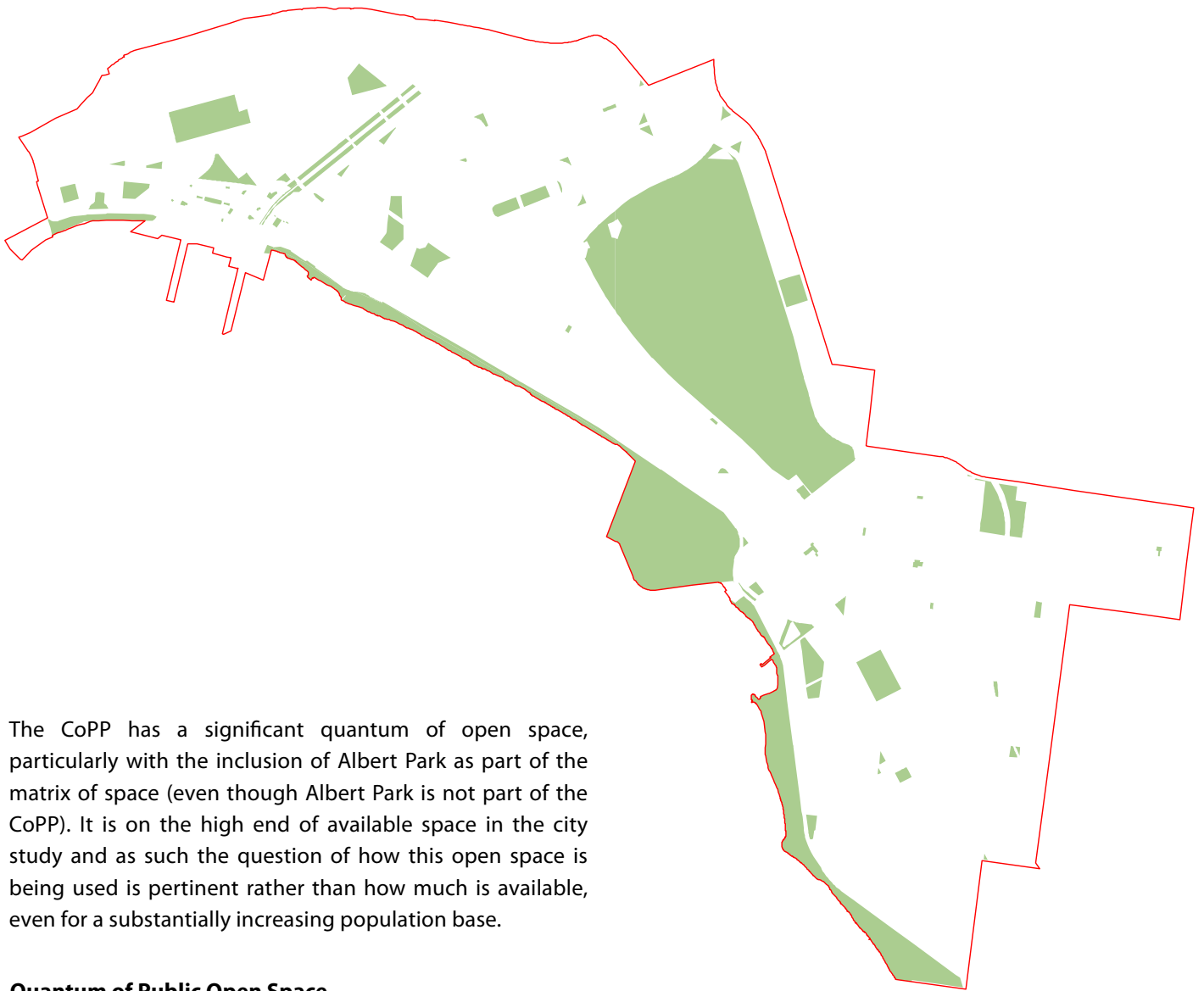












The CoPP has a significant quantum of open space, particularly with the inclusion of Albert Park as part of the matrix of space (even though Albert Park is not part of the CoPP). It is on the high end of available space in the city study and as such the question of how this open space is being used is pertinent rather than how much is available, even for a substantially increasing population base.

### Quantum of Public Open Space

Quantum of public open Space

### Metrics

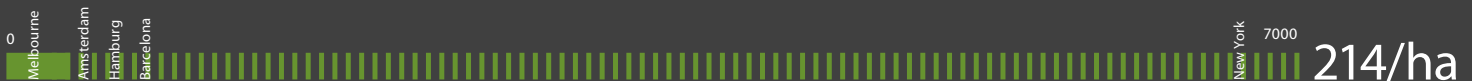
The CoPP has **487.191 ha of public open space**

### POS as percentage of LGA



Note: Does not include streetscapes

### People per hectare of POS



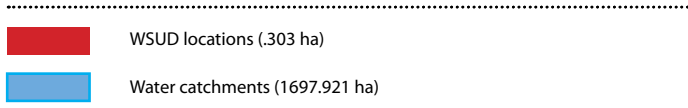
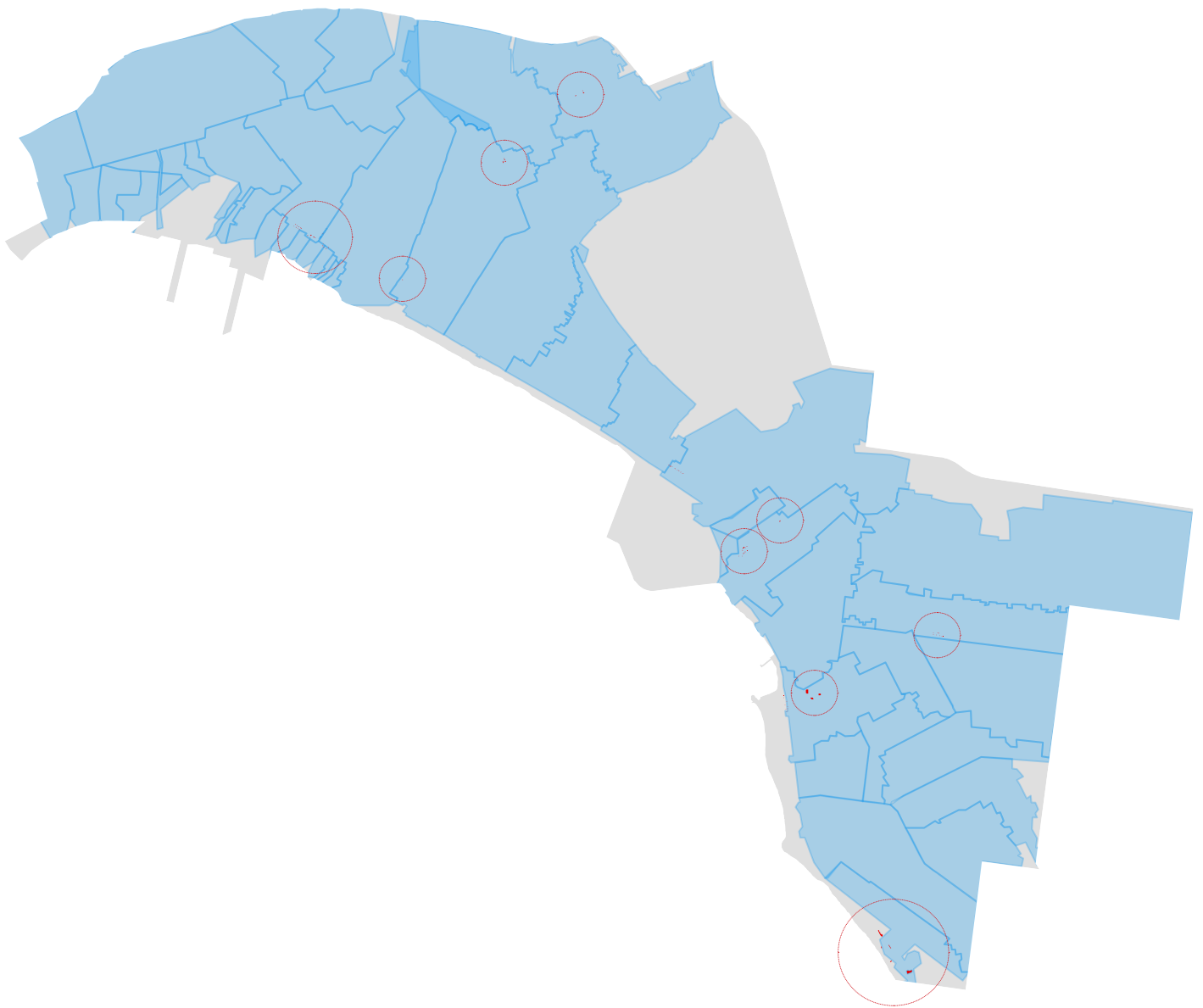
Note: Does not include streetscapes





**POS Use**

<div></div> 6.73 ha	Passive Green (turf, mulch,garden beds, - not including sports grounds)	<div></div> 1.637 ha	Productive Landscapes (community gardens)
<div></div> 35.063 ha	Active Green (all sports grounds and skate/BMX facilities)	<div></div> 8.35 ha	Social/Gathering (shade structures, playgrounds, sand pits, community buildings)
<div></div> 6.73 ha	Natural Landscapes (dunes & revegetation)	<div></div> 27.012 ha	Hard Surfaces (circulation and pathways)
<div></div> 0.303 ha	WSUD Treatment		



**Metrics**

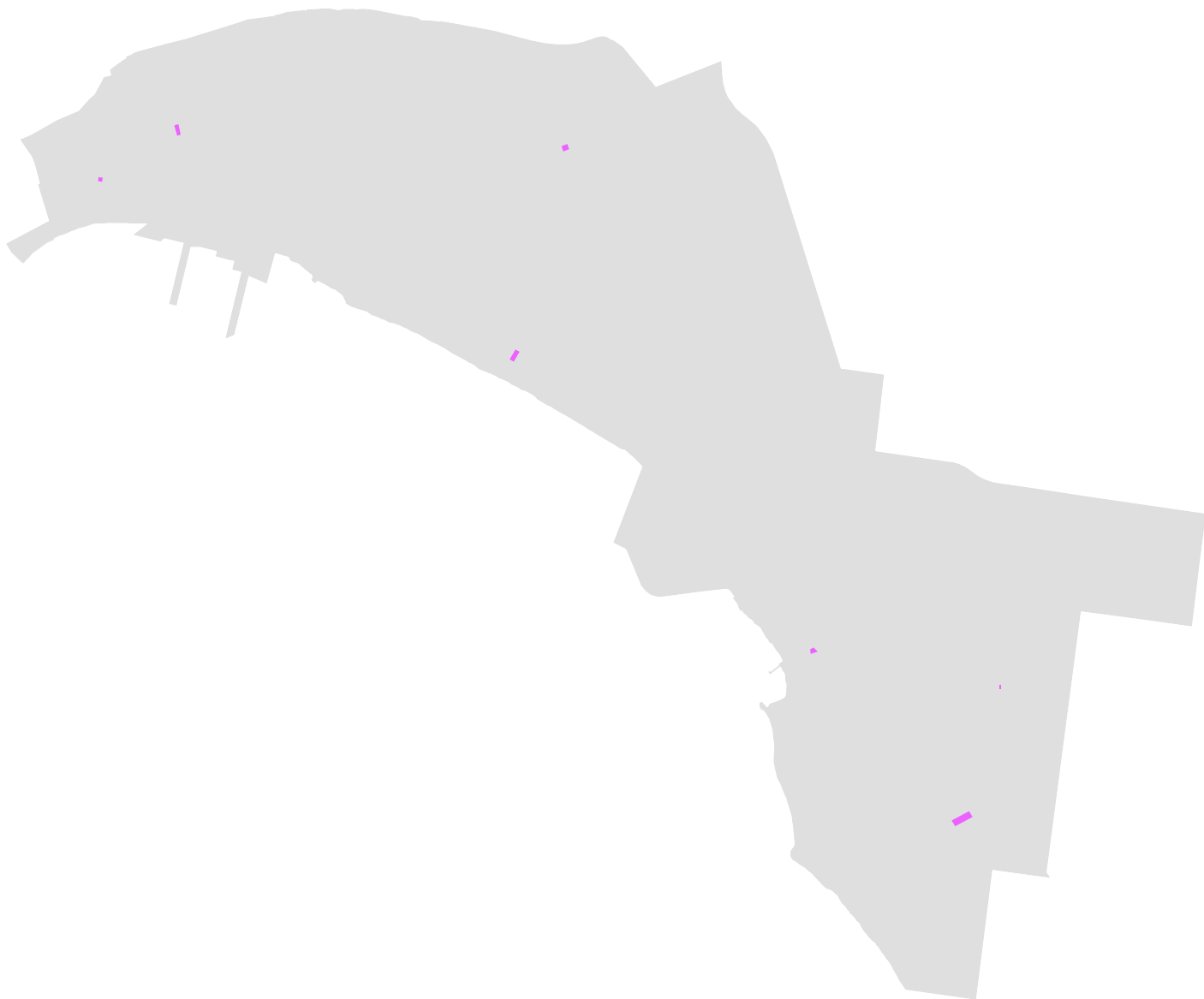
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The CoPP has **0.303 ha of water sensitive urban design areas**


WSUD treatment areas as percentage of total catchment







**Food Production (Community Gardens)**

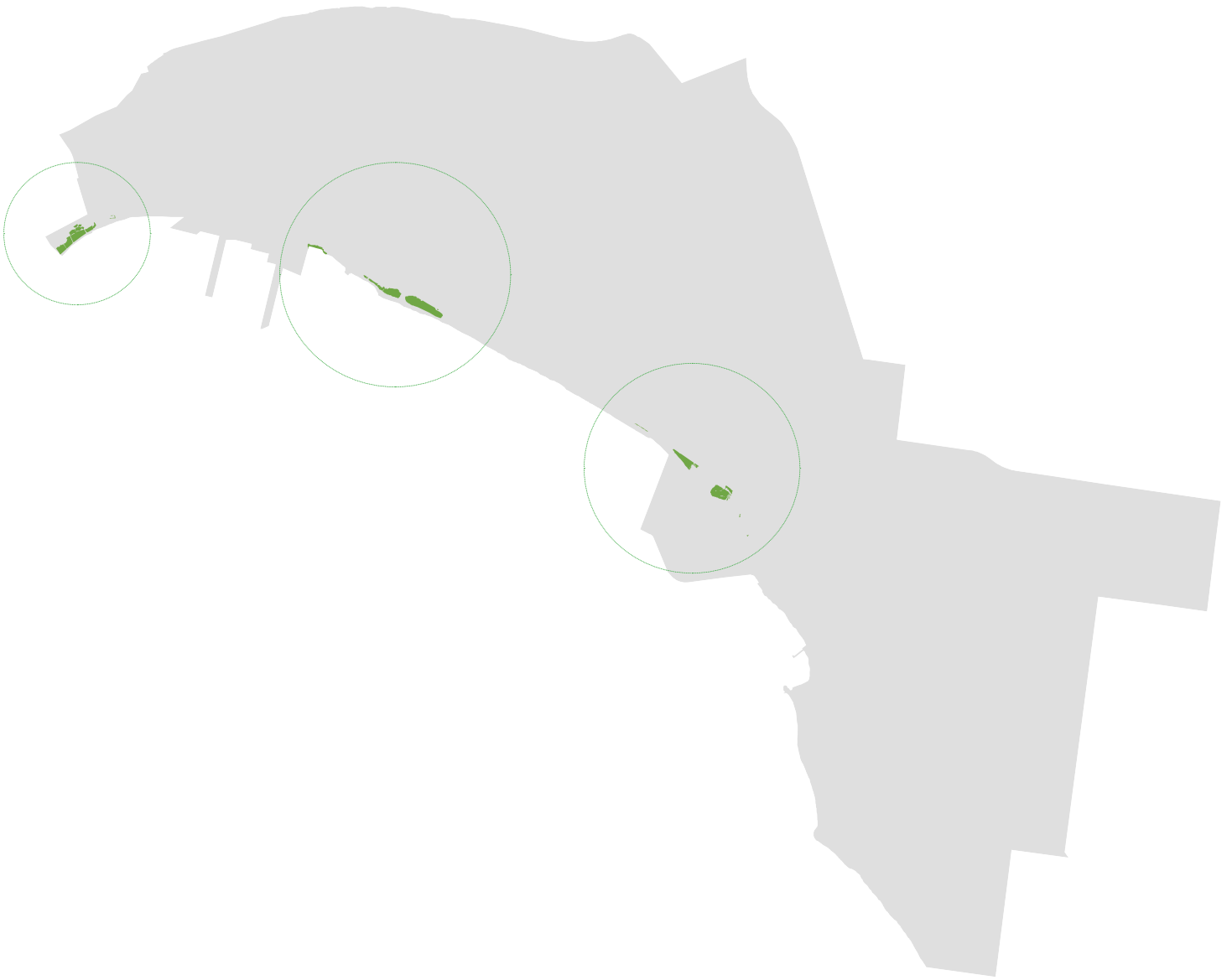
 Areas of Food Production

**Metrics**

The CoPP has **1.637 ha of Food Production**


**Food Production Areas as Percentage of POS**





**Conservation**

Limited information is available on CoPP biodiversity assets and given the location relative to the Bay and the ecological opportunity that exists with that association it would seem logical that further work needs to be done in this area of both mapping and delivery of ecologically based biodiverse environments.

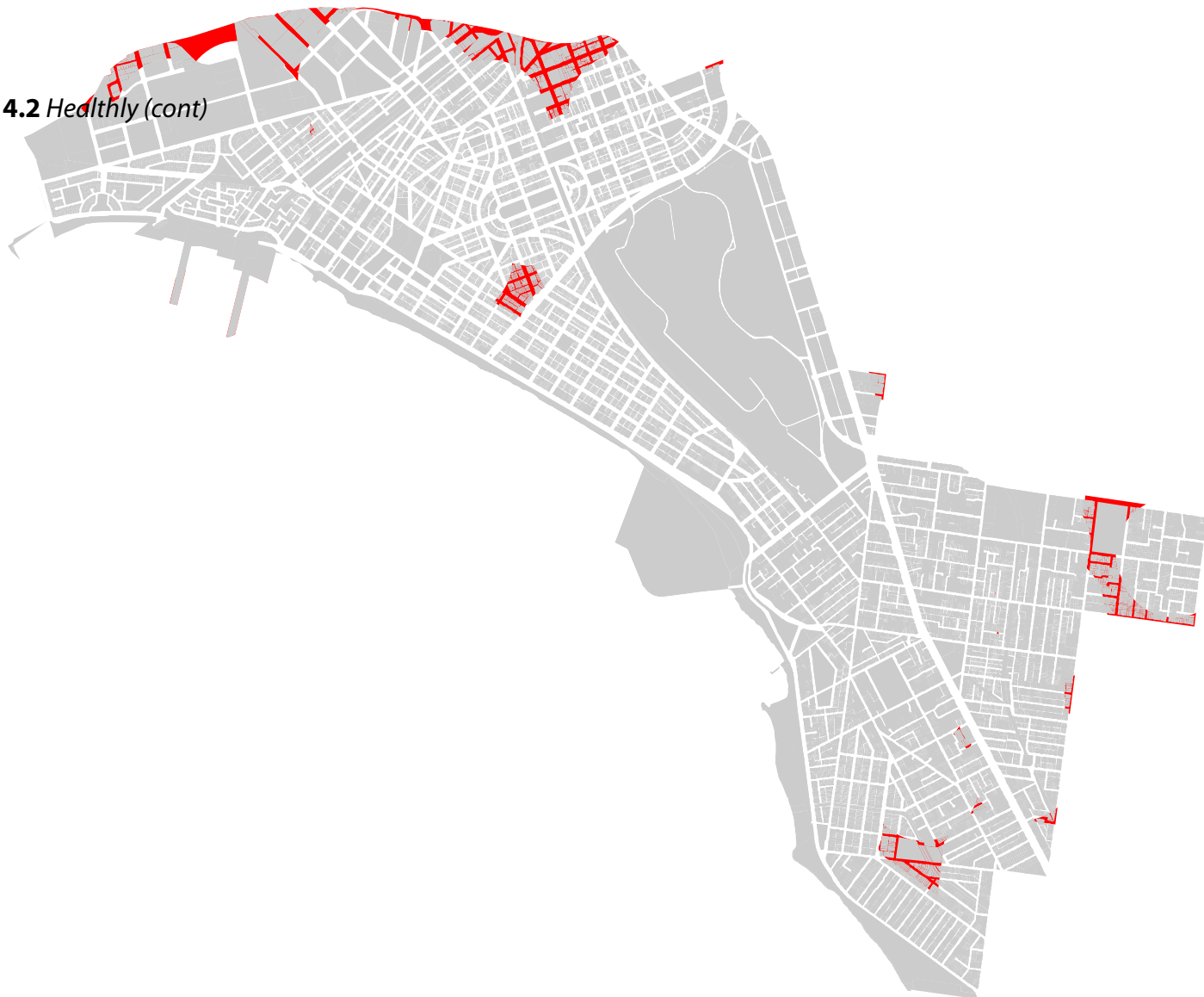
.....  
 Biodiversity areas (6.33 ha) - includes Dunes and Revegetation areas

Biodiversity Areas as Percentage of POS





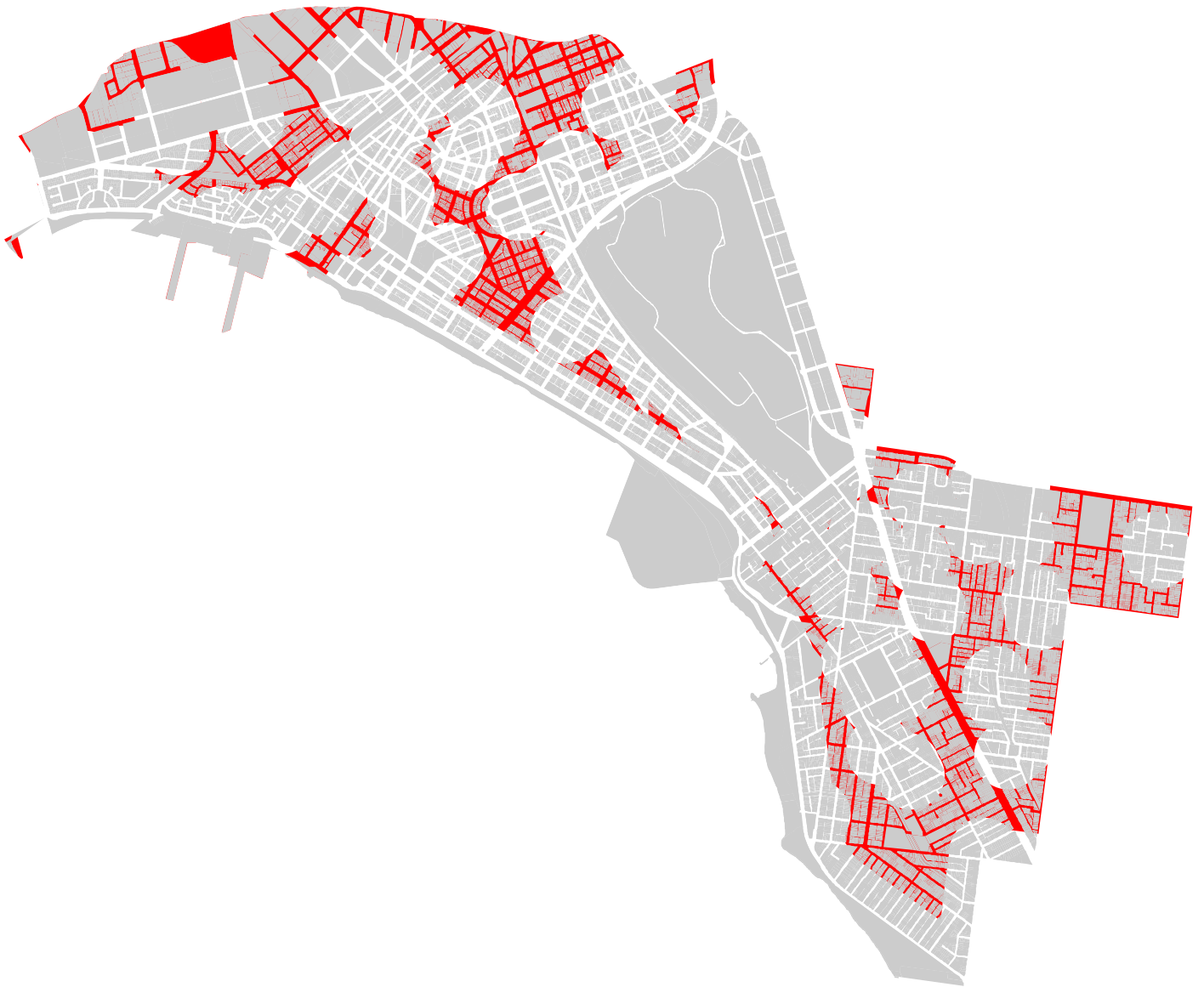
## 4.2 Healthy (cont)



Percentage of blocks outside 5min walk

0





**Accessibility (blocks outside 2min and 30sec walk from POS)**

- Public Open Space (POS)
- Blocks outside of a 5 minute walk to POS
- 250 meter Isochrone from POS

Percentage of blocks outside 2.5min walk

















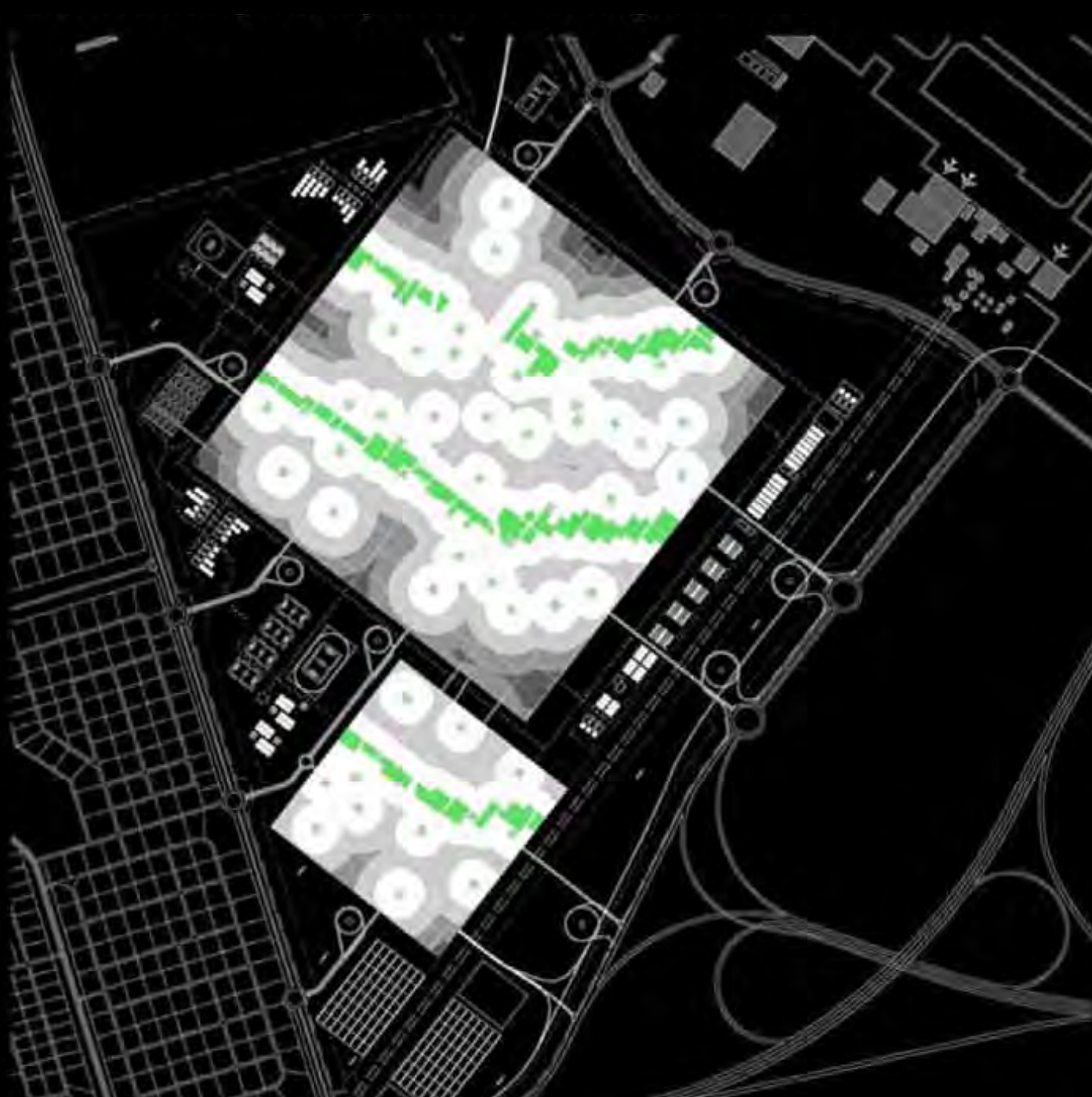












All green public spaces

**56%**

of the population has  
access to green space  
within

**1 minute**

















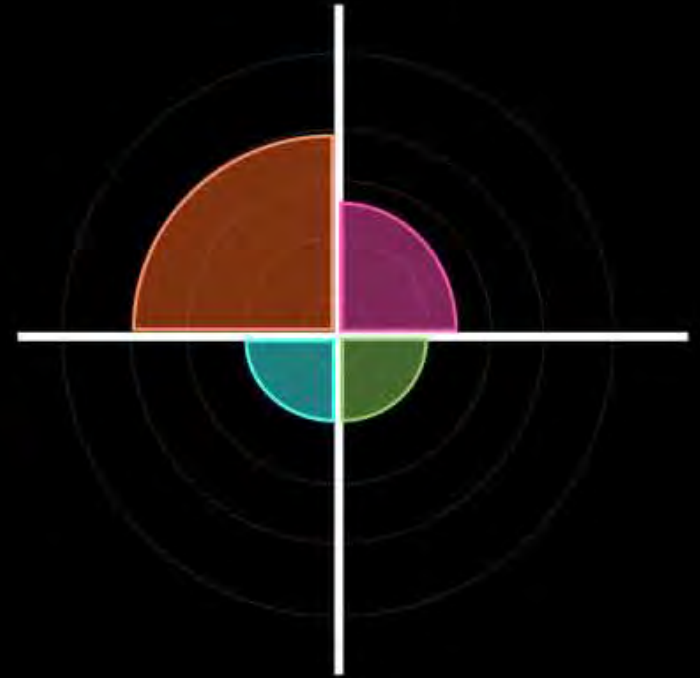






WATER  
FOREST

FOOD  
CULTURE







堤防用地：禁止  
乱耕、开挖、取土  
损坏绿化

高邮市水利站 立



**WATER**  
**FOREST**

**FOOD**  
**CULTURE**



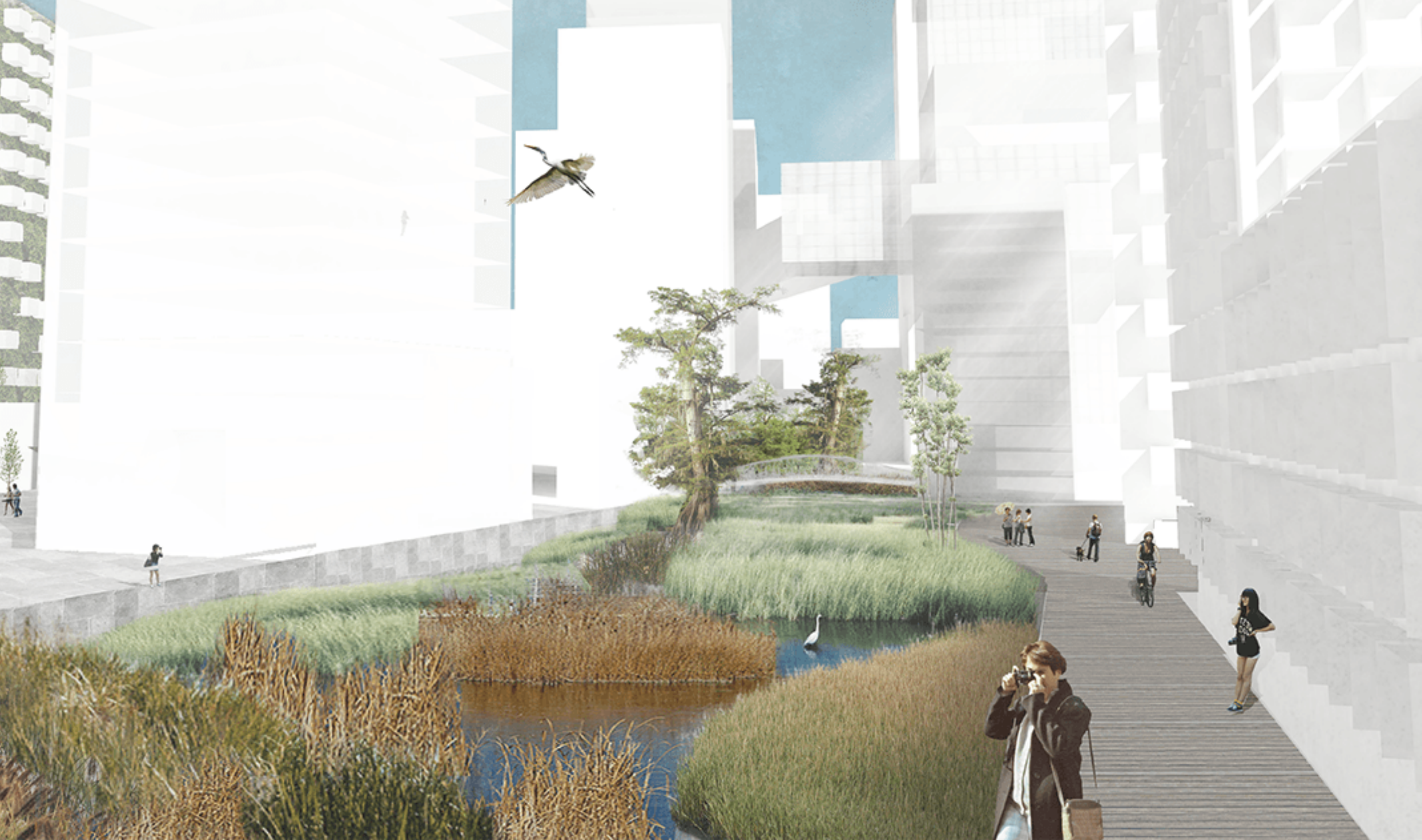






















100 x 30 m



PARK SECTION



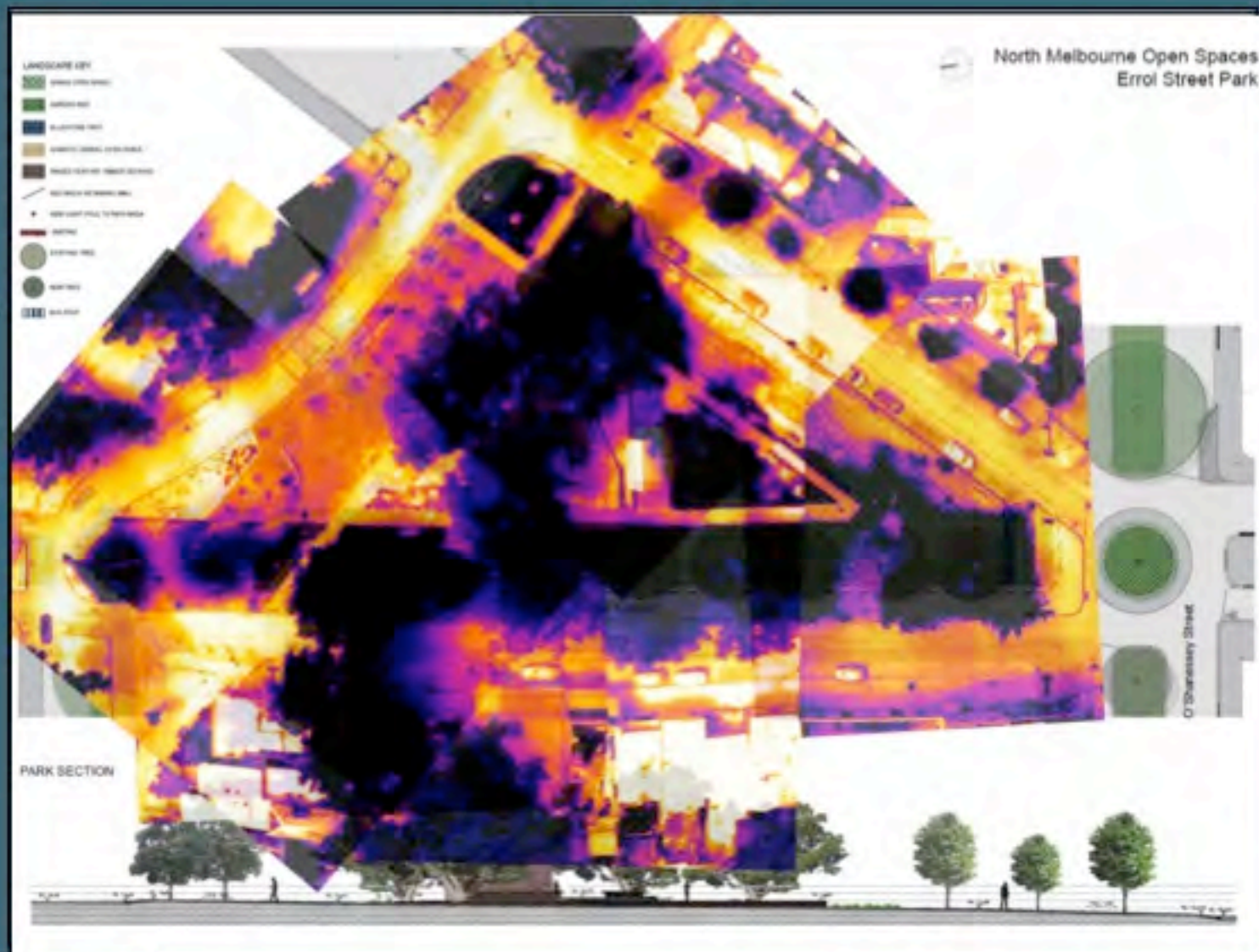


Weather  
Conditions  
33°C (91°F),  
cloudy



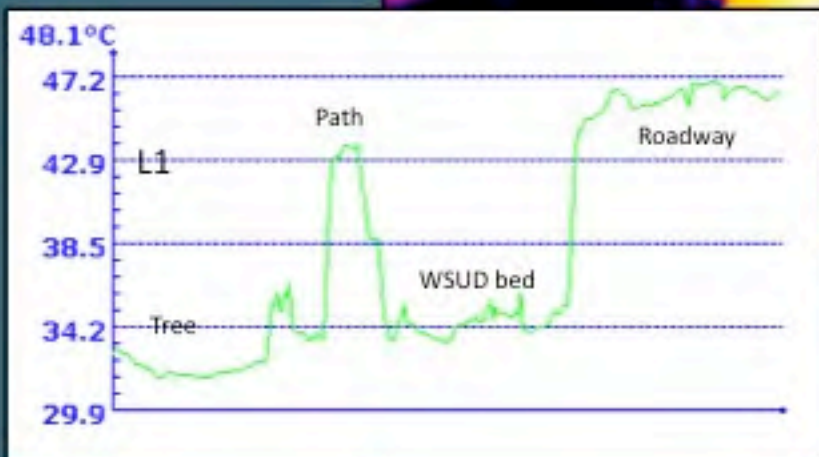


Weather  
Conditions  
33°C (91°F),  
cloudy



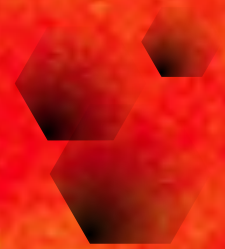


Weather Conditions  
33°C (91°F), cloudy



48°C = 118°F





**Thank you.....**