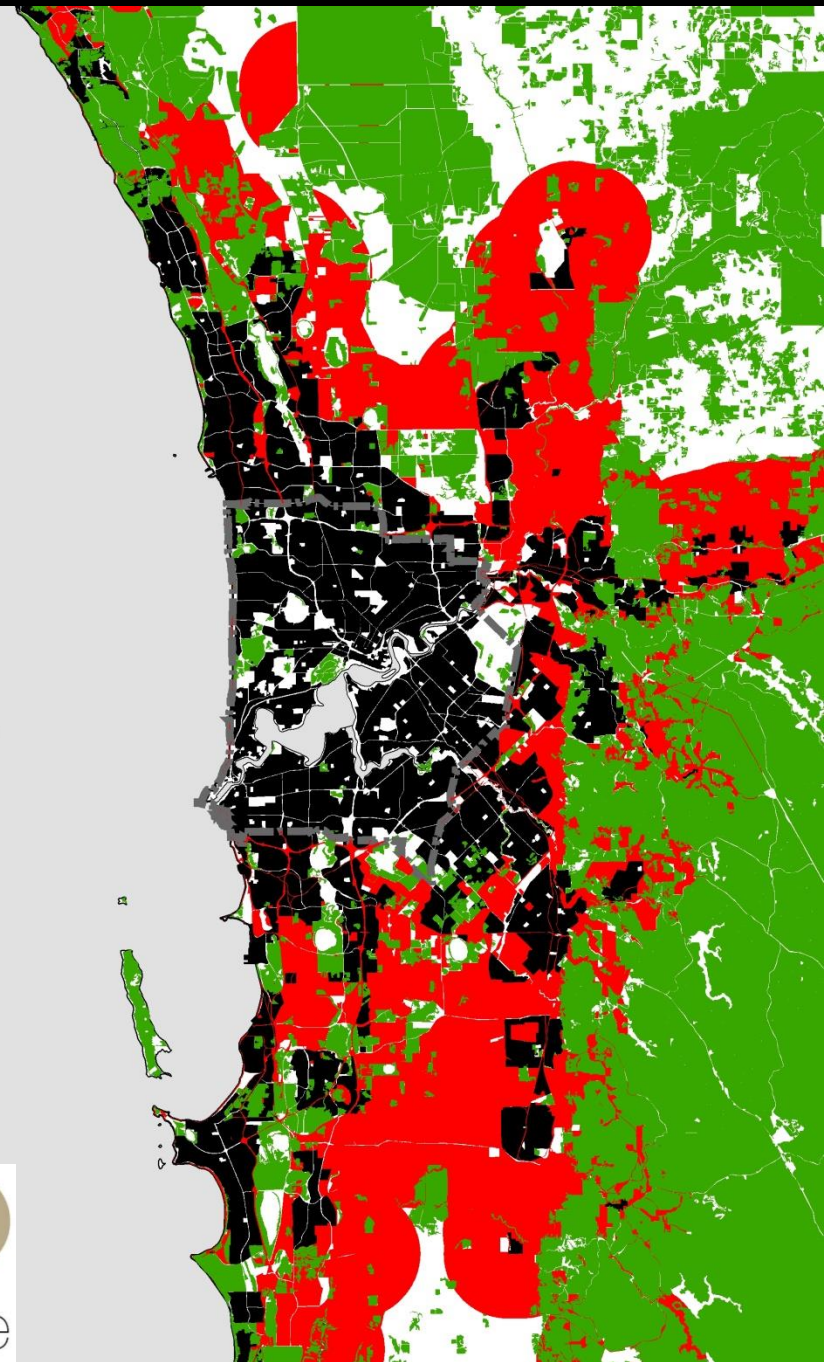


G.O.D help us

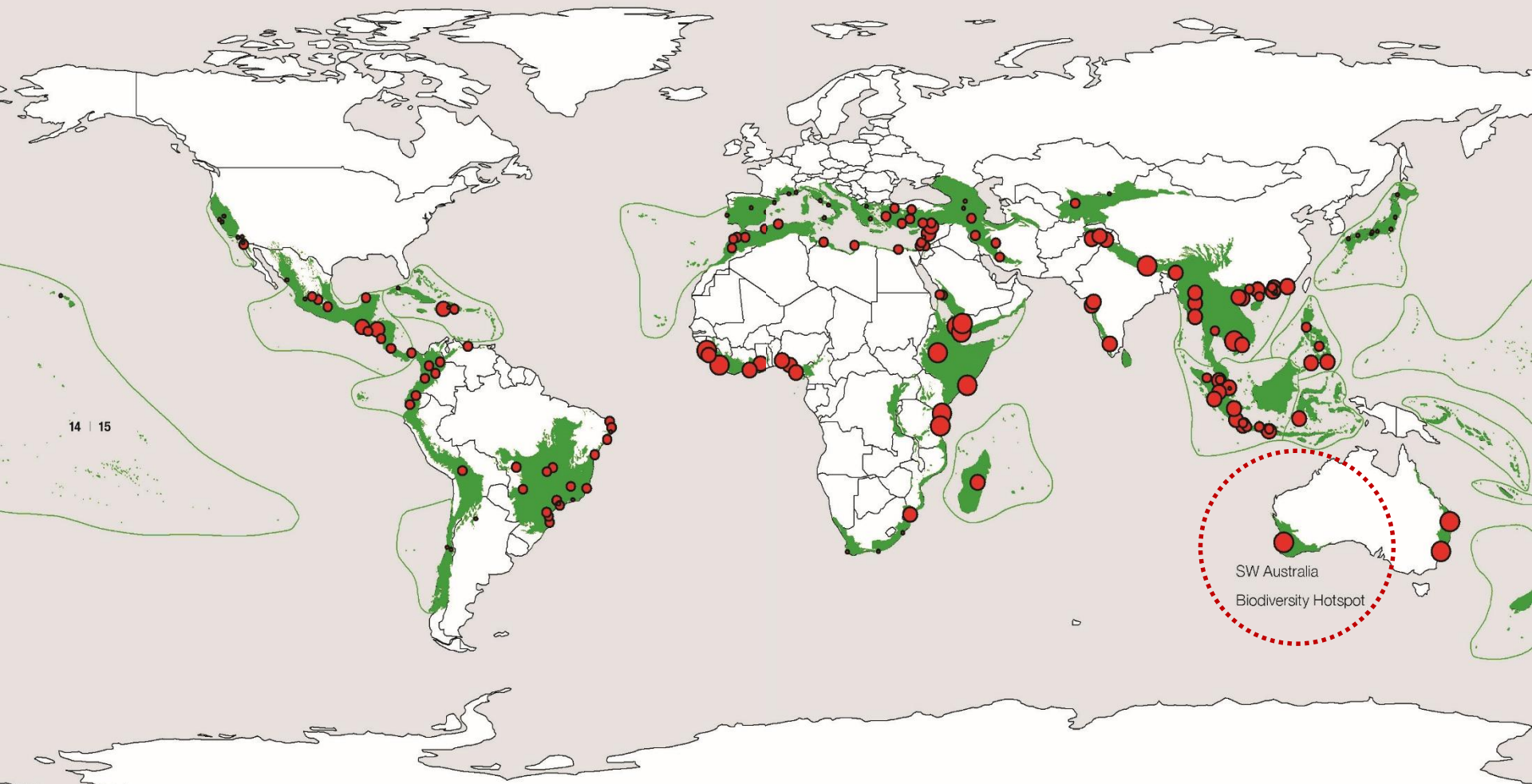
Greenspace Oriented Development- reconciling urban infill with urban forests

Dr Julian Bolleter

1. Fraying edges (greenfield development)
2. The Great Australian ream (infill development)
3. The potential of GOD



1. Fraying edges



14 | 15

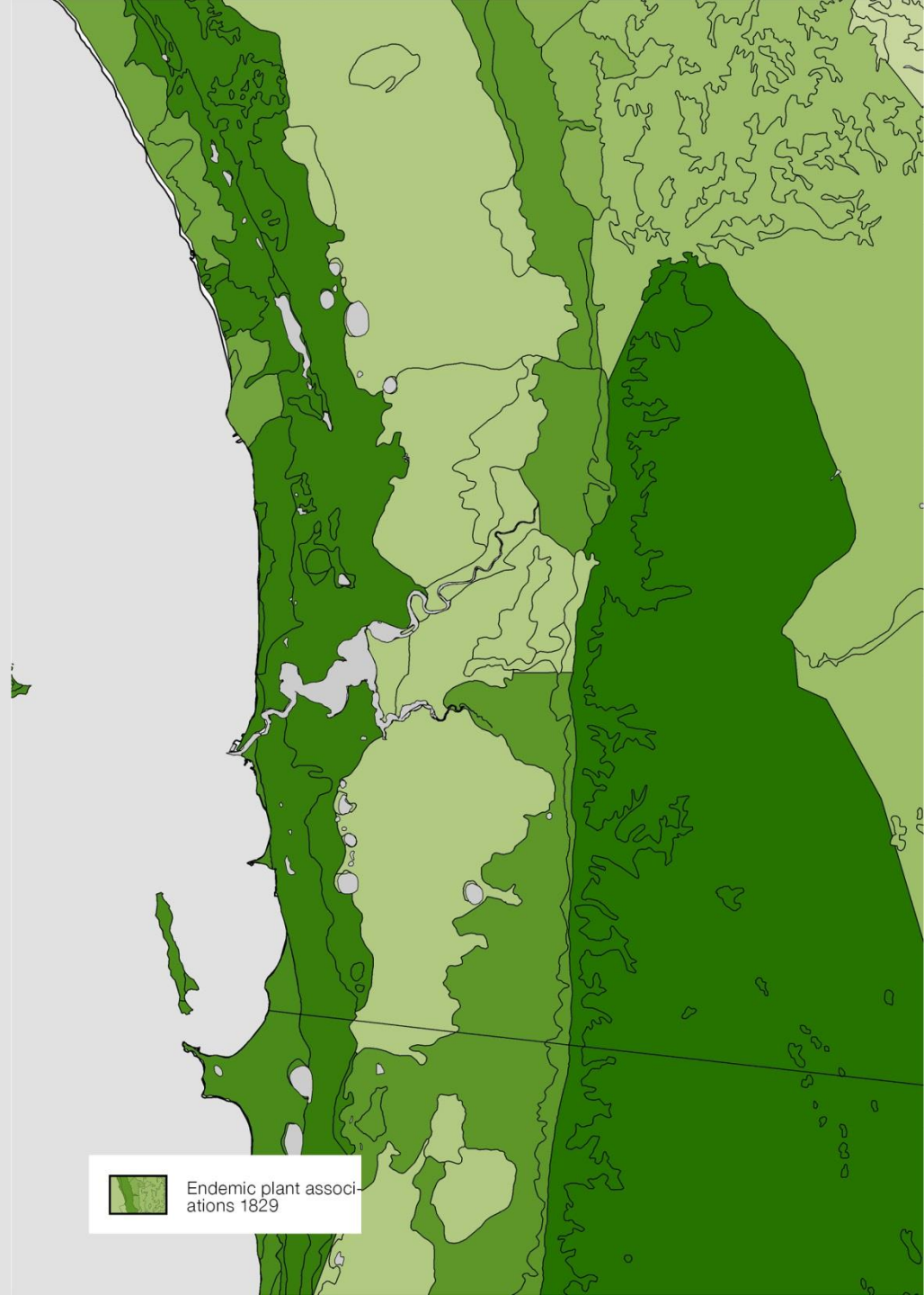
Global biodiversity hotspots

Perth sits within a biodiversity hotspot, one of only thirty-five in the world (shown in green). The red dots indicate cities larger than 750,000 people. The dot size is indicative of the city's growth rate to 2050.

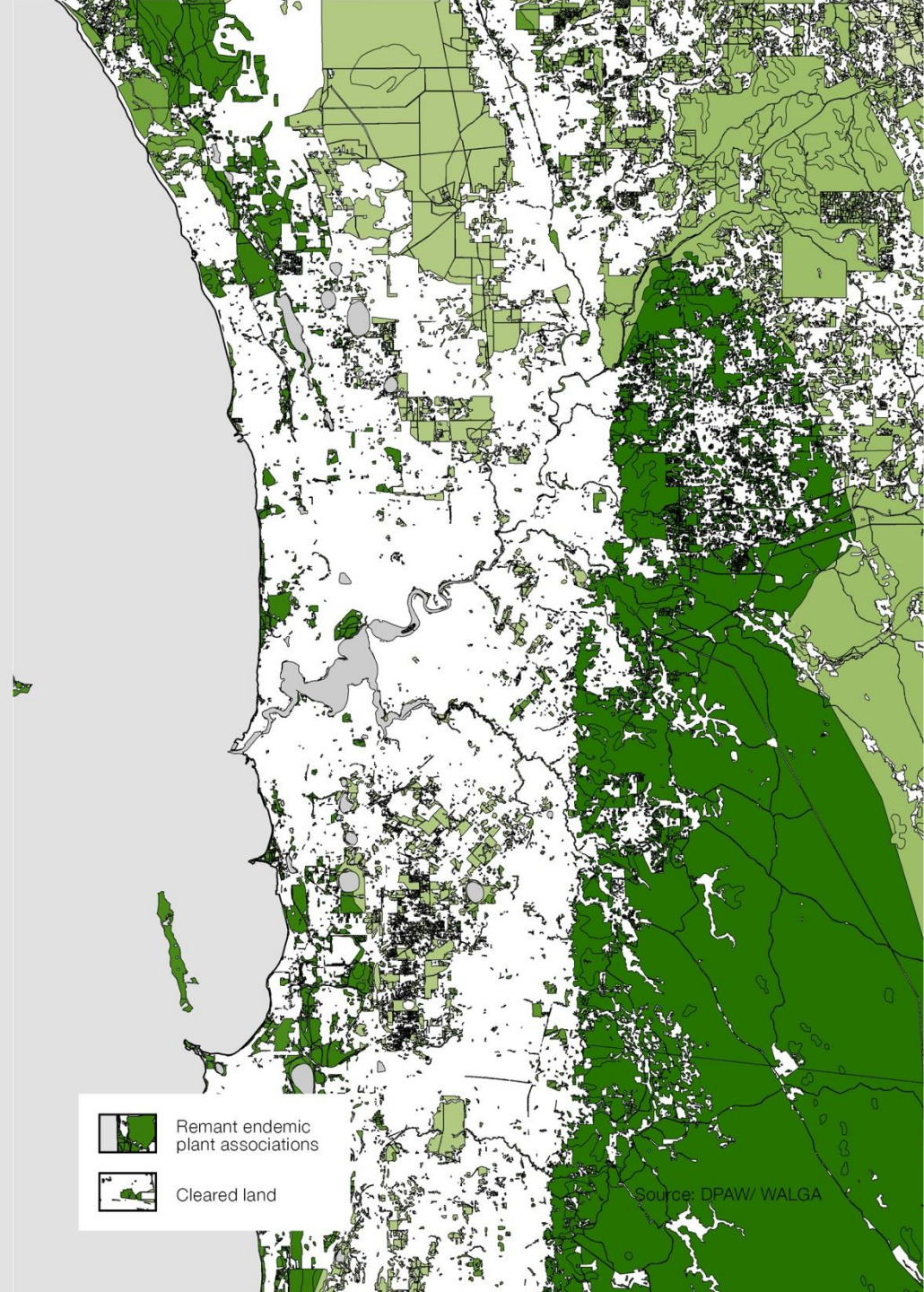
Source: Conservation International, 2014

Biodiversity hotspots/urbanization

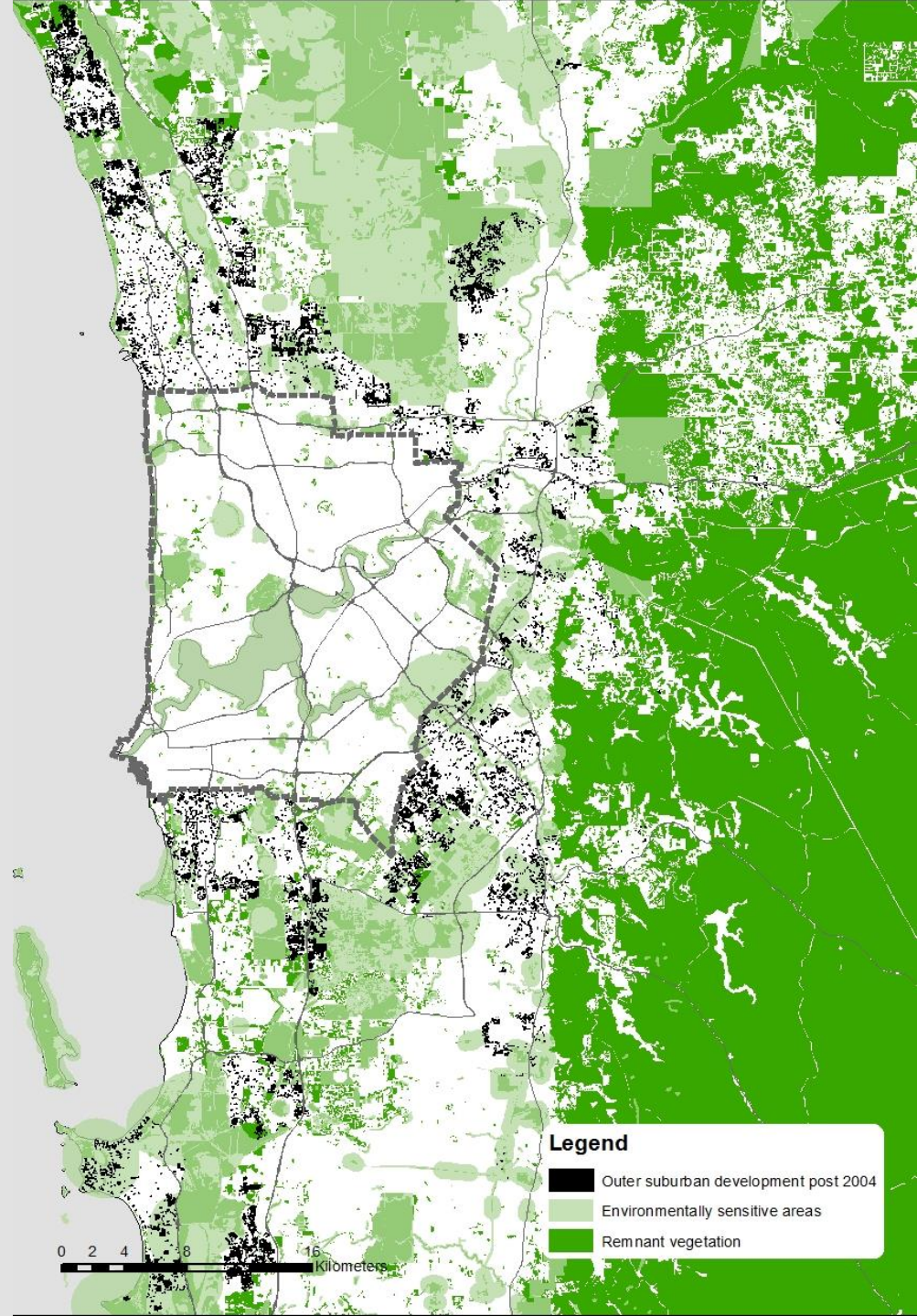
Endemic plant associations
1829



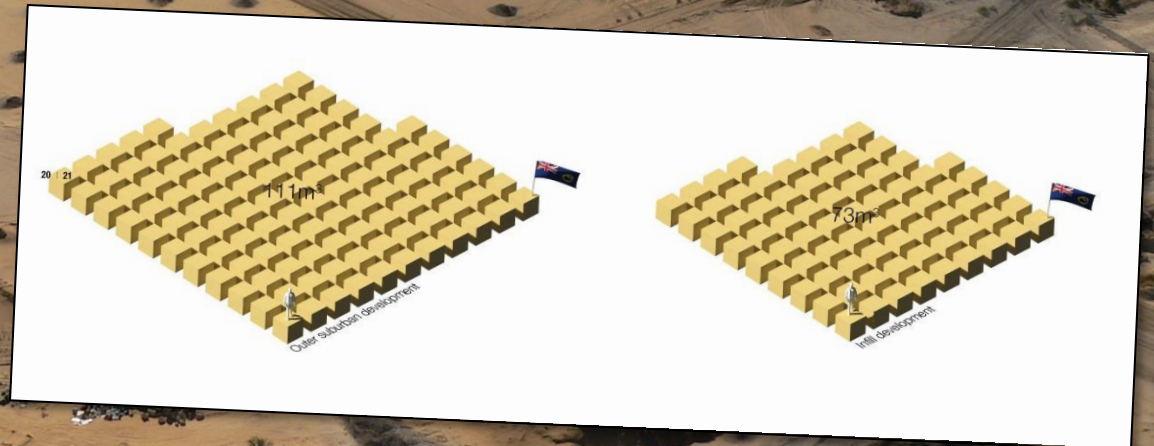
Endemic plant associations 2017



Remnant vegetation and suburban development

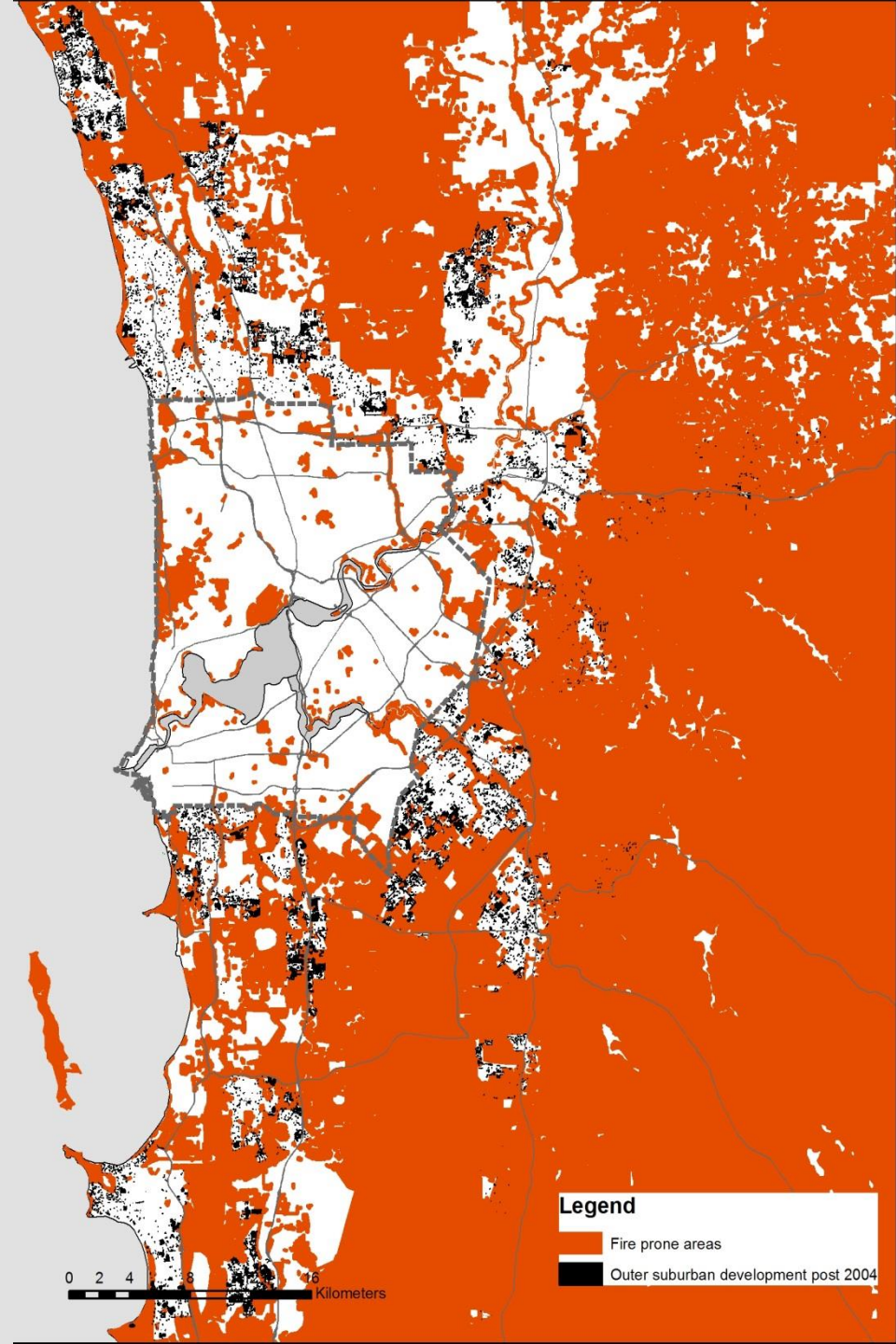


Basic Raw Material shortages



Bushfires

Department of Fire & Emergency Services. 2016. "Map of Bush Fire Prone Areas." In. Perth: Government of Western Australia.



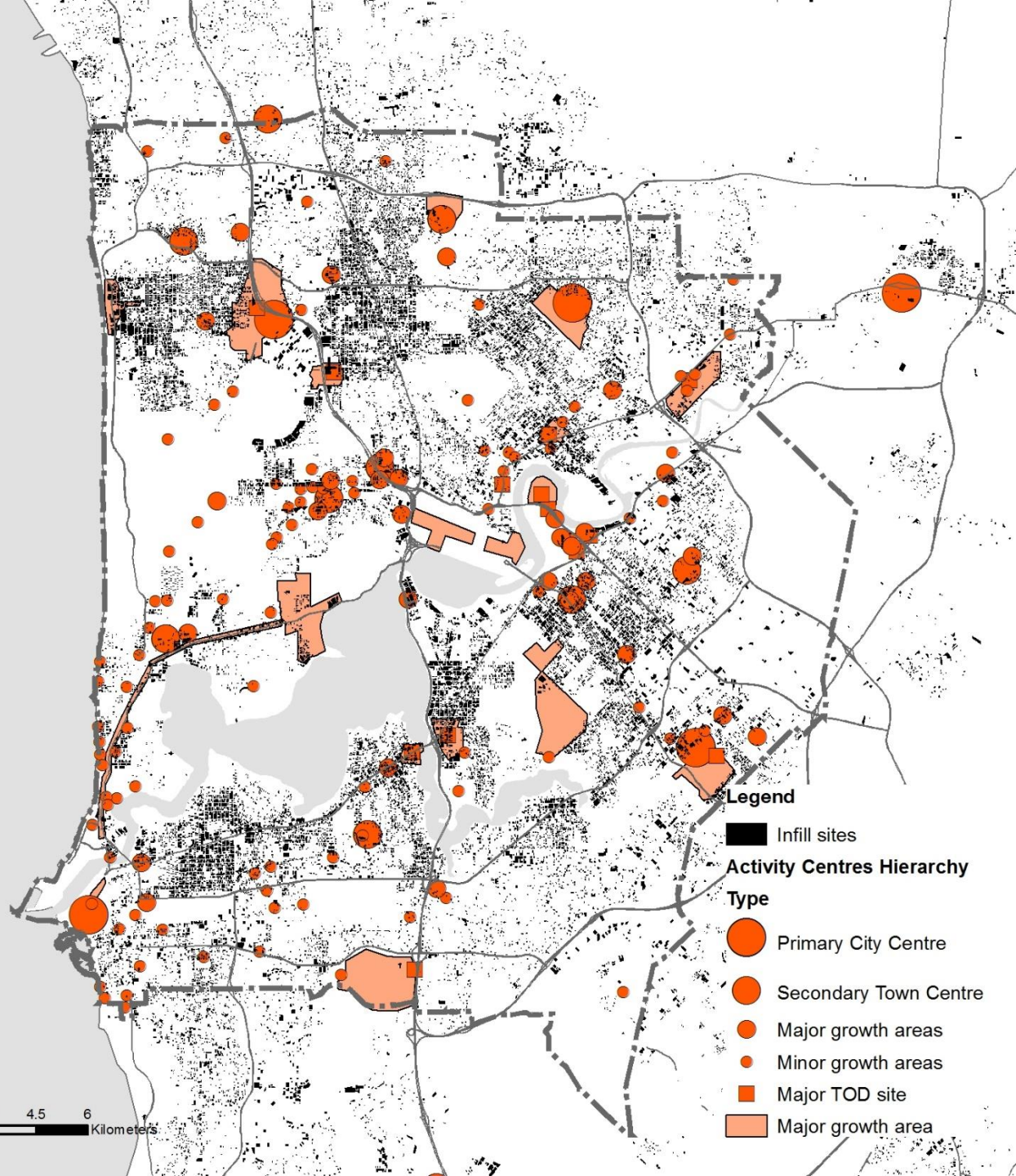
2. The Great Australian Ream



Activity Centre planning



0 1.5 3 4.5 6
Kilometers



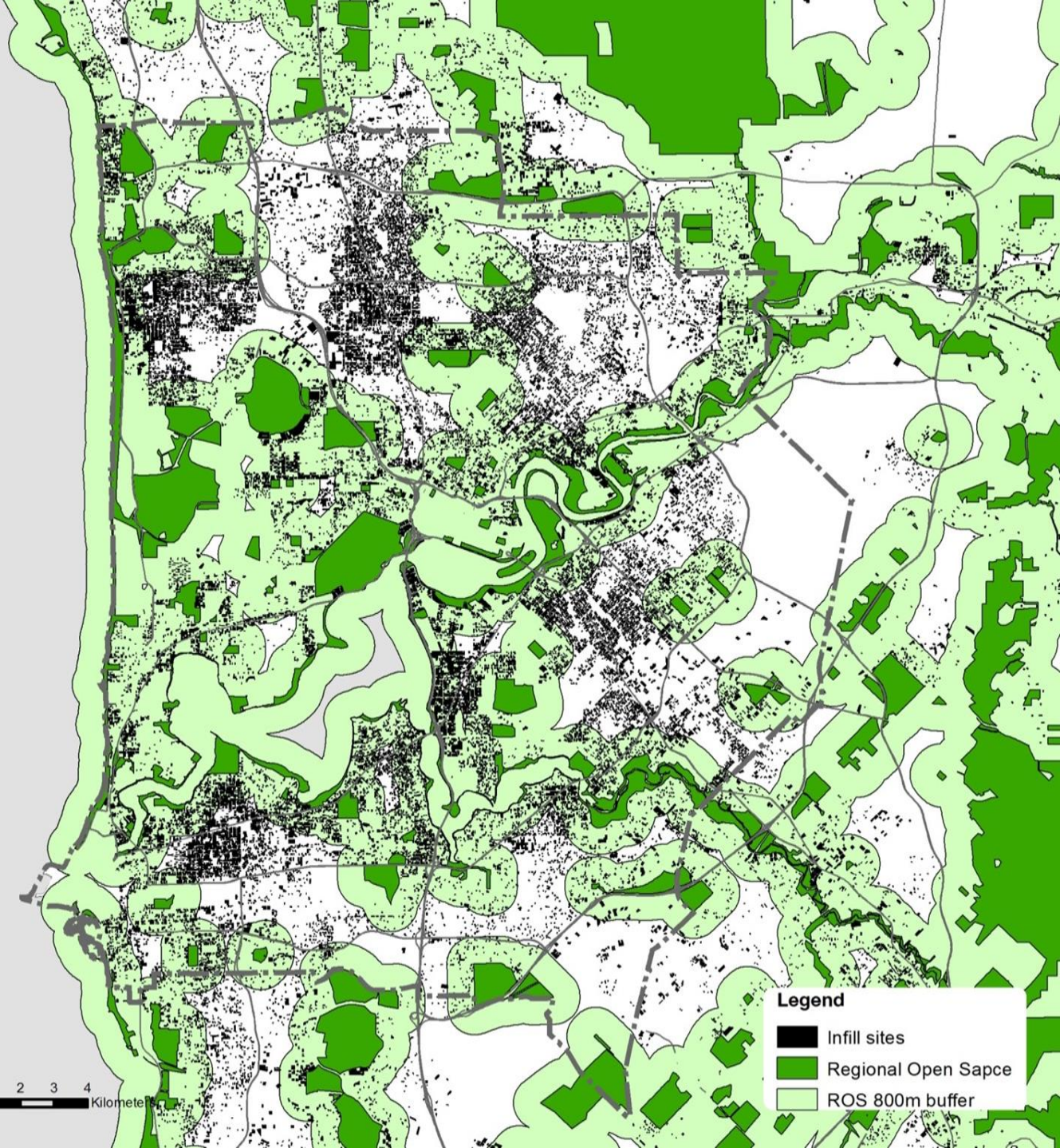
*Regional open
space*



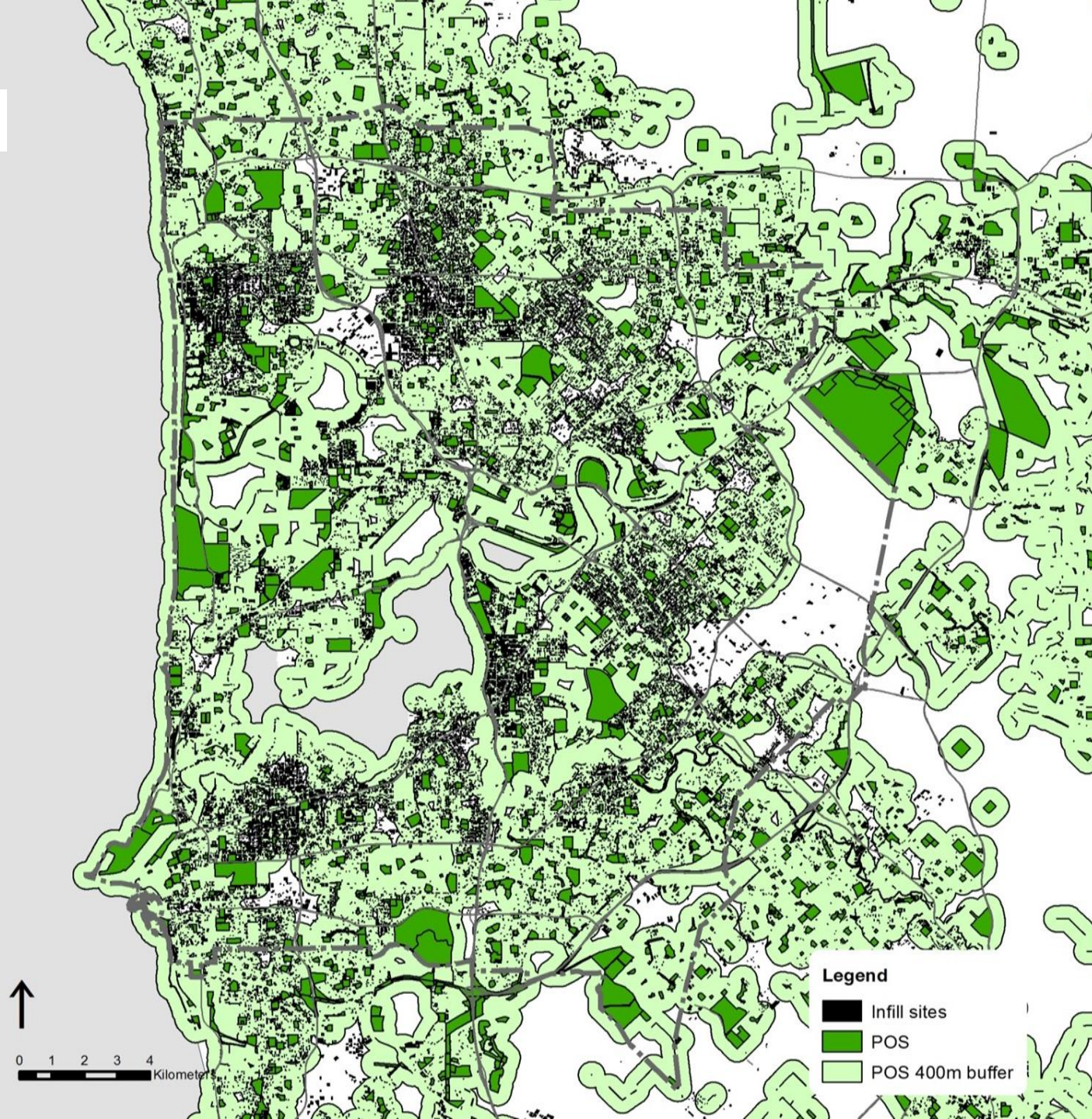
0 1 2 3 4
Kilometre

Legend

-  Infill sites
-  Regional Open Sapce
-  ROS 800m buffer



Public open space



Parks, time-lapse photography

Time-lapse photography of Wymond Park, Bayswater reveals a complete absence of people on a typical weekday. Such residual open space could be rationalised to provide infill dwellings (with existing trees protected) or revegetated for greater ecological performance.

0500-0600 (People=0, dogs=0)

0800-0900 (People=0, dogs=0)

104-105

1100-1200 (People=0, dogs=0)

1400-1500 (People=0, dogs=0)

1700-1800 (People=0, dogs=0)

Urban forests











~~N.I.M.B.Y.~~
B.A.N.A.N.A

Bayswater LGA boundary

3. GOD

Morely



Bayswater Industrial area

Bayswater train station

Midland Perth train line

Upgraded parks

Proposed densification

Swan River







- Legend
- RailSegment
 - Train station
 - Primary schools
 - Secondary schools
 - POS
 - Upgraded streets
 - Densification

0 0.5 1 Kilometers









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