

# Environmental Infrastructure Inquiry

**Chris Chesterfield**

20<sup>th</sup> April 2021



# High profile examples



Orrong Rd, Toorak



Eden - Victoria St, Abbotsford (former Honeywell site)



Coppin Grove, Hawthorn (not approved)

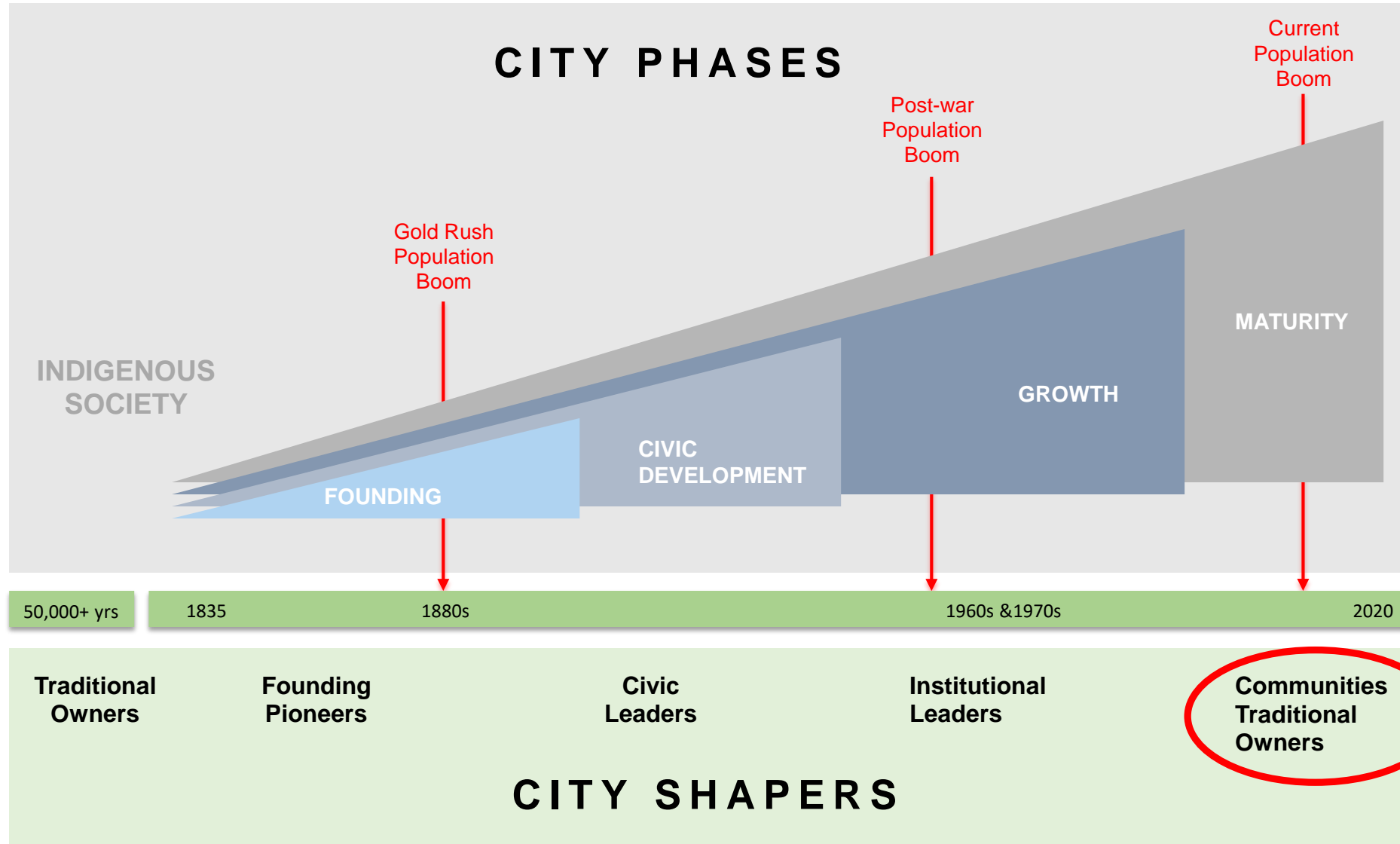


Yarradale Rd, Toorak

# Melbourne's third wave of growth

- Melbourne is undergoing its third great wave of population growth, putting pressure on infrastructure, services and the environment.
- During the past two waves of growth, in the late-19<sup>th</sup> and mid-20<sup>th</sup> centuries, the city implemented visionary responses and it's largely because of these past phases of planning and investment that Melbourne has until now been able to sustain its liveability and a reasonably healthy natural environment.
- A third wave of planning and investment in open space and green infrastructure is now needed to underpin liveability as our population grows, we live more densely and our lifestyles change.

# The Development of Melbourne



**WARNING RAW SEWAGE**

M.M.B.W. DRAIN MAY  
POLLUTE BAY HERE  
AFTER HEAVY RAIN  
**SWIMMERS BEWARE**



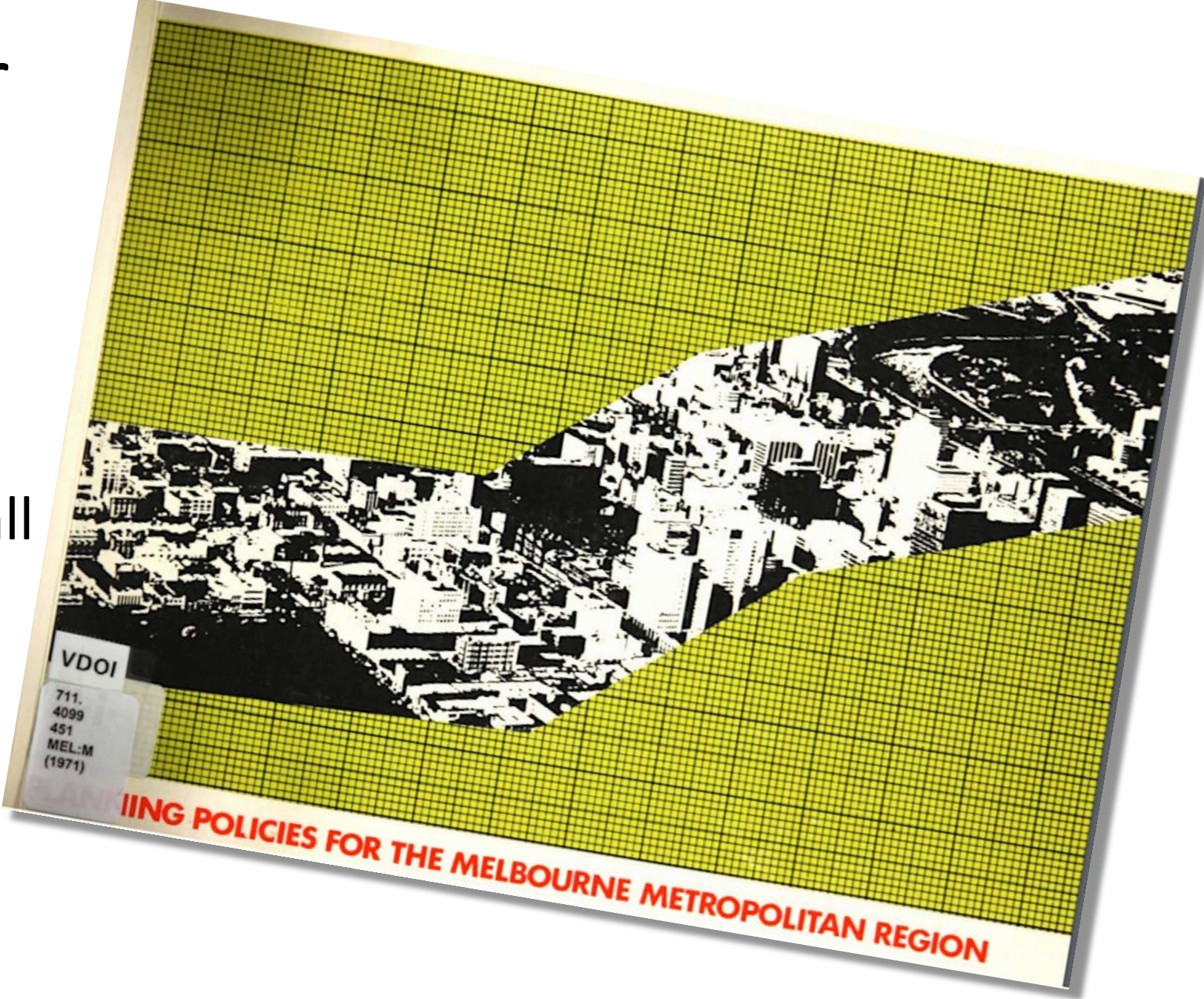
**CITY OF MORDIALLOC**  
**DANGER**

THE WATERS OF THE MORDIALLOC CREEK  
ARE GROSSLY POLLUTED AND SWIMMING IN  
THE CREEK OR NEAR THE MOUTH OF THE CREEK  
COULD CONSTITUTE A DANGER TO HEALTH



# Planning Policies for Metropolitan Melbourne (1971)

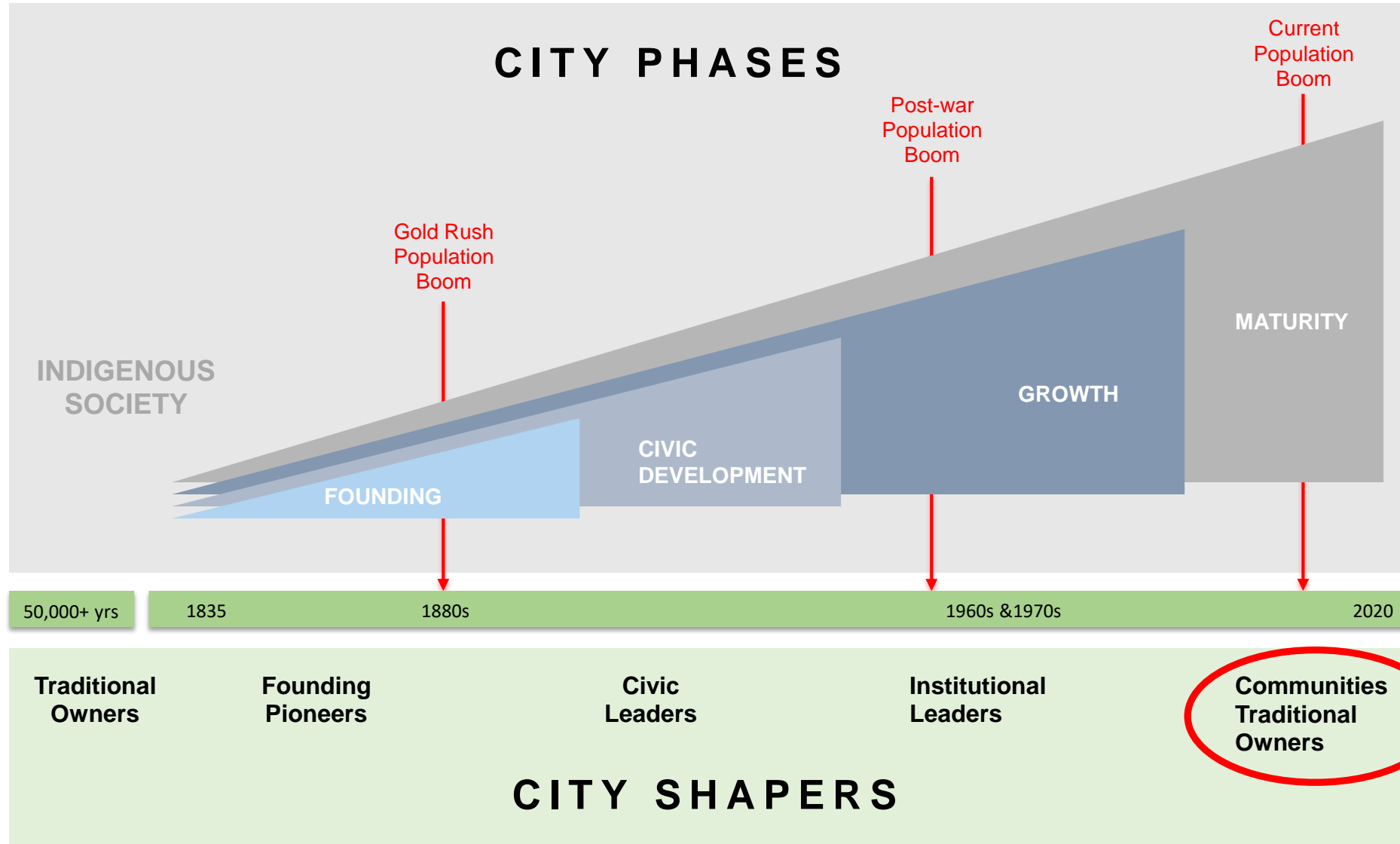
“the Yarra River and its immediate environs shall be planned primarily as an open space system for nature conservation and recreation .....







# The Development of Melbourne



# Three potential reforms

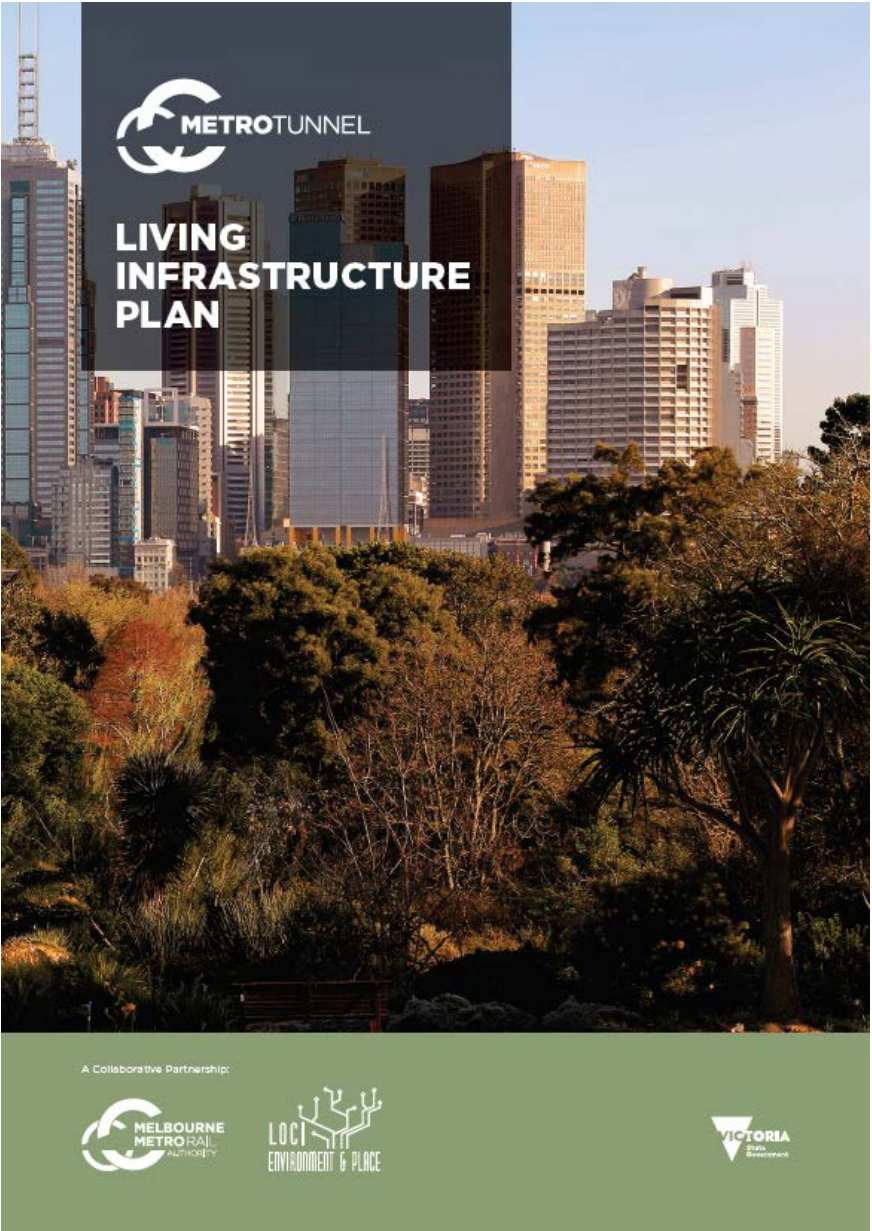
As the past has shown, little will happen without an effective **city shaping capability**. Significant policy and institutional reforms, guided by a new vision are needed. There are **three essential elements to reform**, namely;

- Bring together responsibility for planning and managing parks, waterways and coasts in the greater Melbourne region (Port Phillip and Westernport) under coordinated governance arrangements;
- Review and reform the funding of these functions currently provided by the Waterways and Drainage Charge and Parks Charge which total around \$350 million in revenue each year;
- Introduce/legislate a requirement for living infrastructure requirements as a component of all infrastructure investments such as North East Link and the Suburban Rail Loop.

# Living Infrastructure

Melbourne  
Metro

Wonthaggi desalination plant



# Environmental Infrastructure Inquiry

**Chris Chesterfield**

20<sup>th</sup> April 2021