



EASTERN PORTAL COMMUNITY REFERENCE GROUP

12 DECEMBER 2017





FREEING UP MELBOURNE'S BIGGEST BOTTLENECK

James Tonkin, Director, Communications and Stakeholder Relations
Melbourne Metro Rail Authority

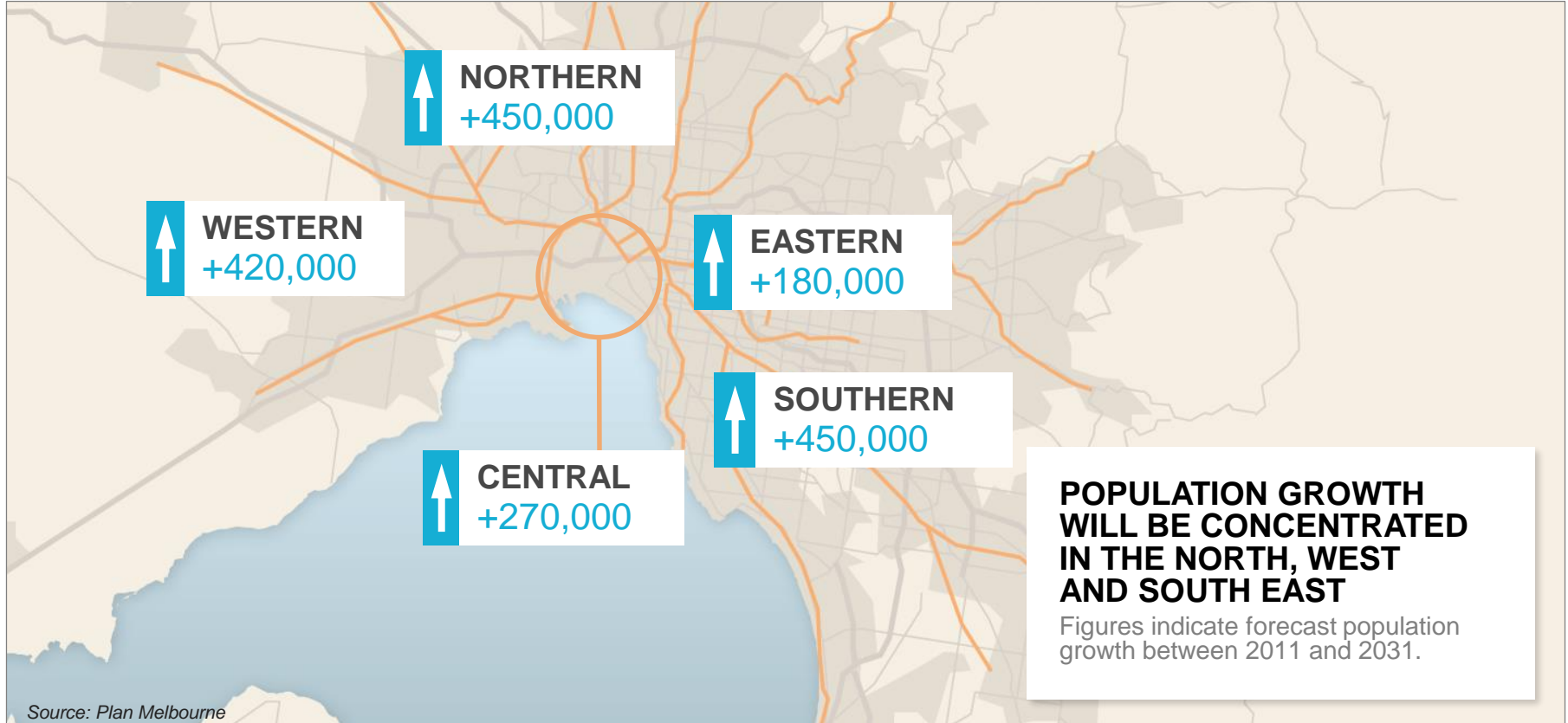




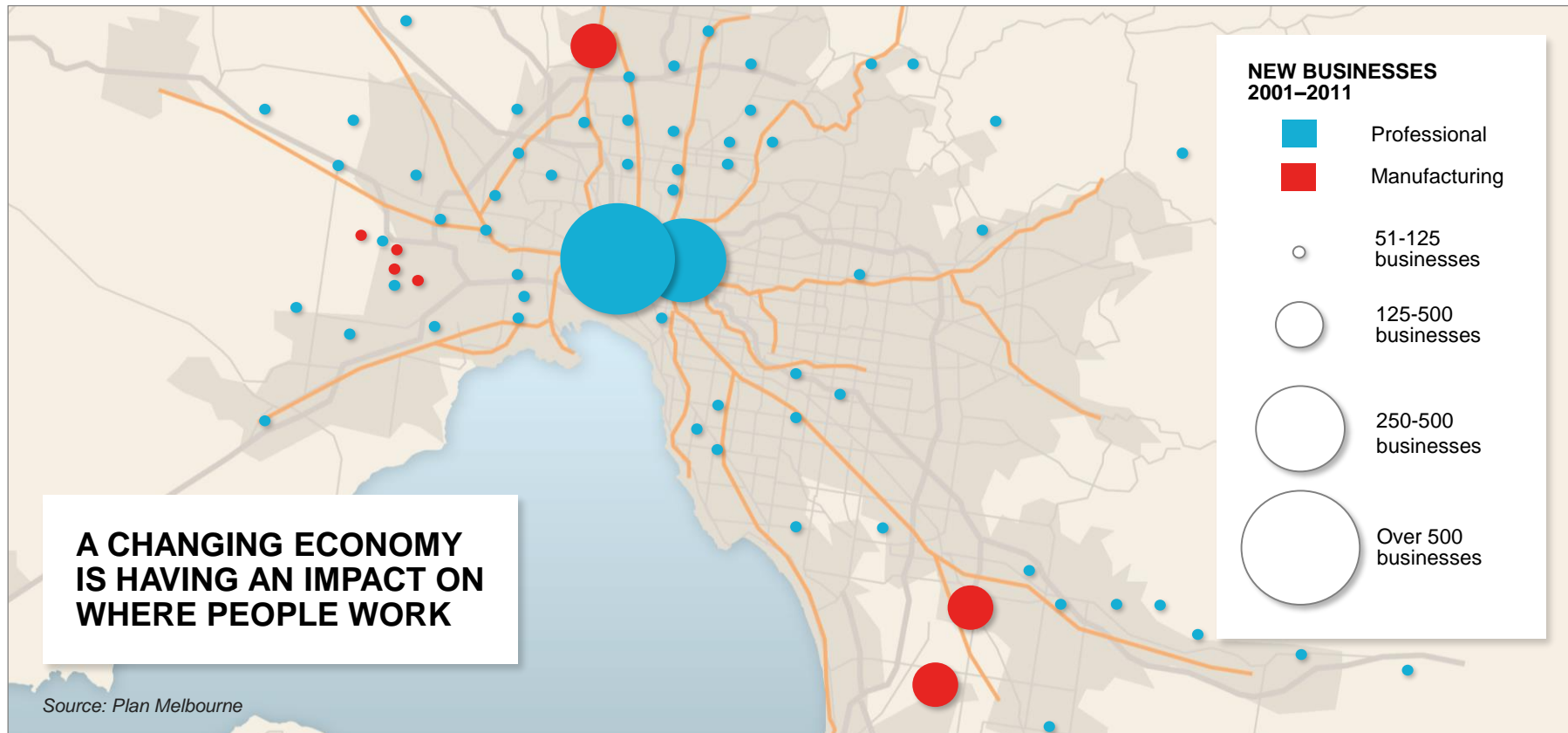
MELBOURNE'S CHALLENGES



POPULATION GROWTH



NEW BUSINESS GROWTH

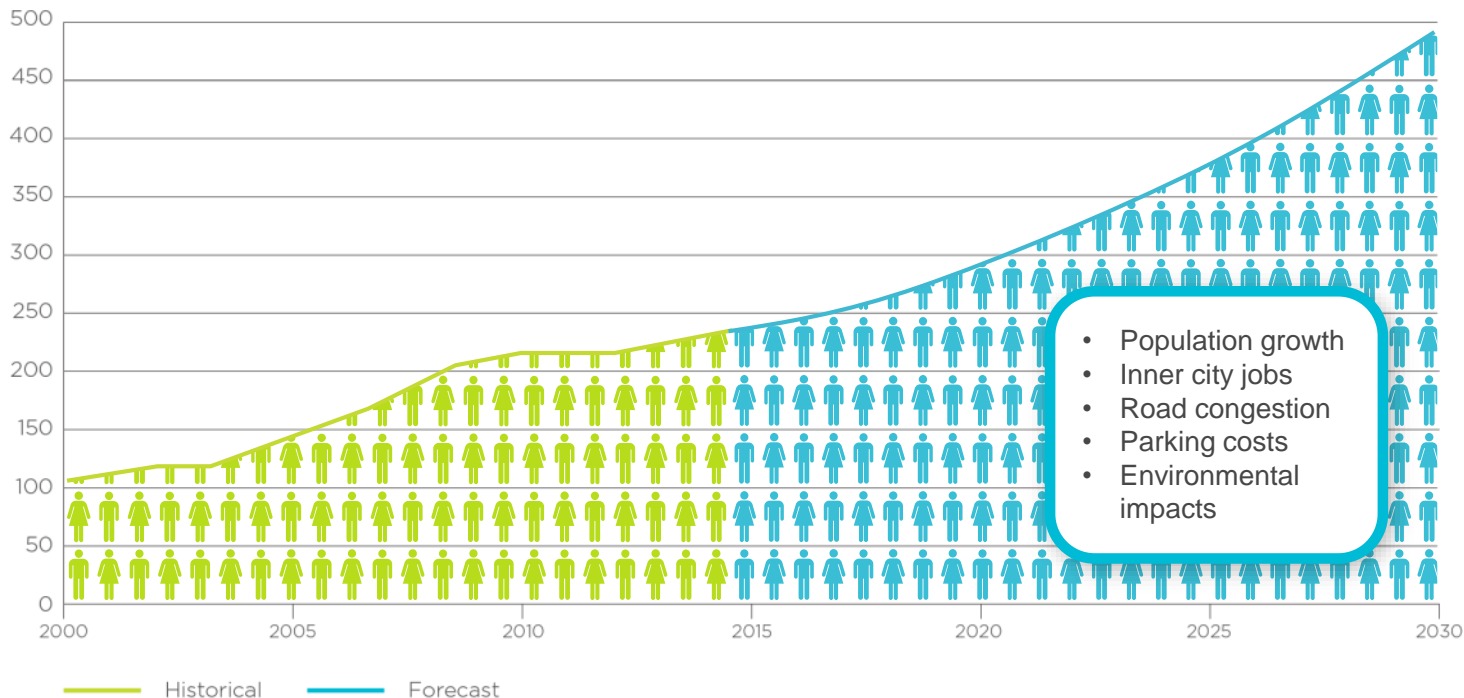




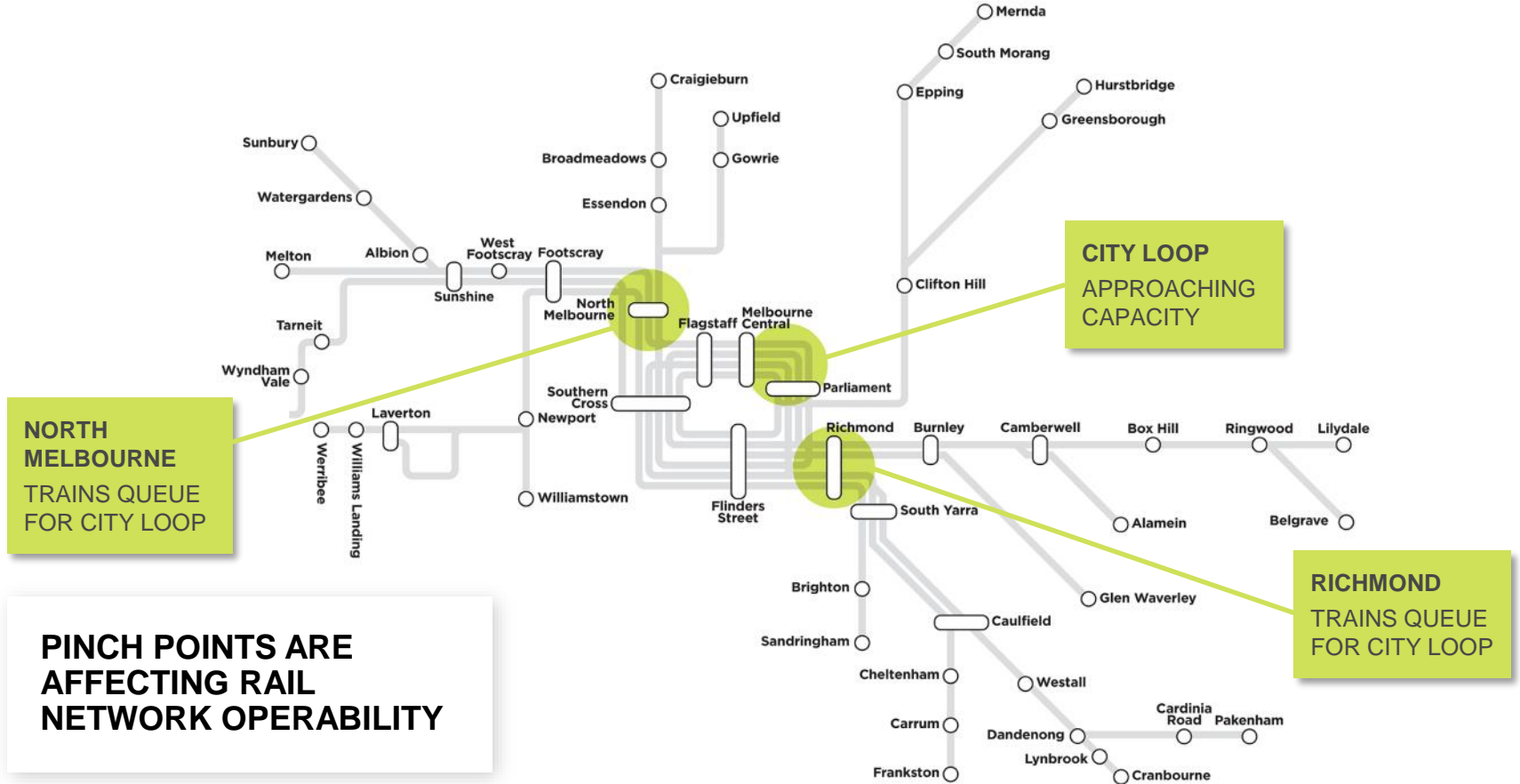
MELBOURNE'S RAIL NETWORK

FUTURE RAIL PATRONAGE

Annual patronage millions



RAIL NETWORK PINCH POINTS



TRAM PINCH POINTS



PINCH POINTS ARE AFFECTING CBD TRANSPORT OPERABILITY



METRO TUNNEL PROJECT



Western Portal

South Kensington

Arden

Parkville

North Melbourne

CBD North

Melbourne Central

Flagstaff

Parliament

CBD South

Southern Cross

Flinders Street

Richmond

Domain

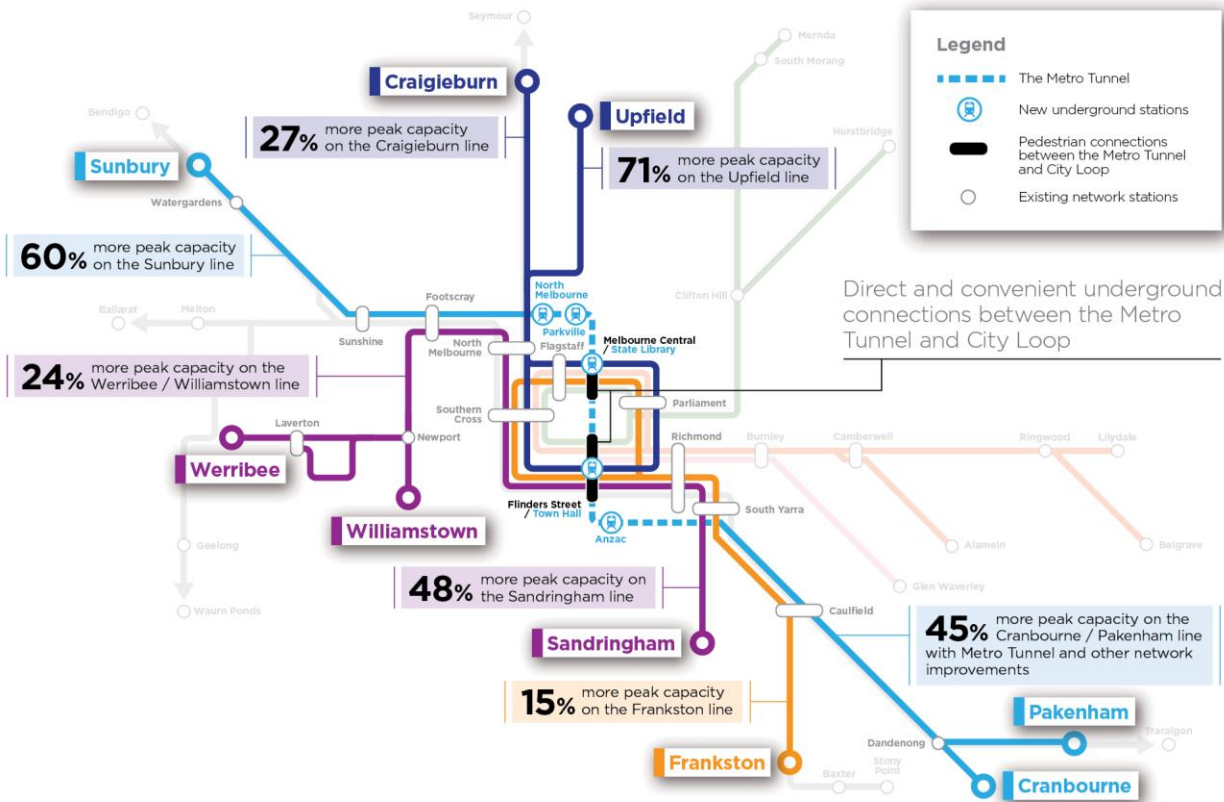
South Yarra

Eastern Portal

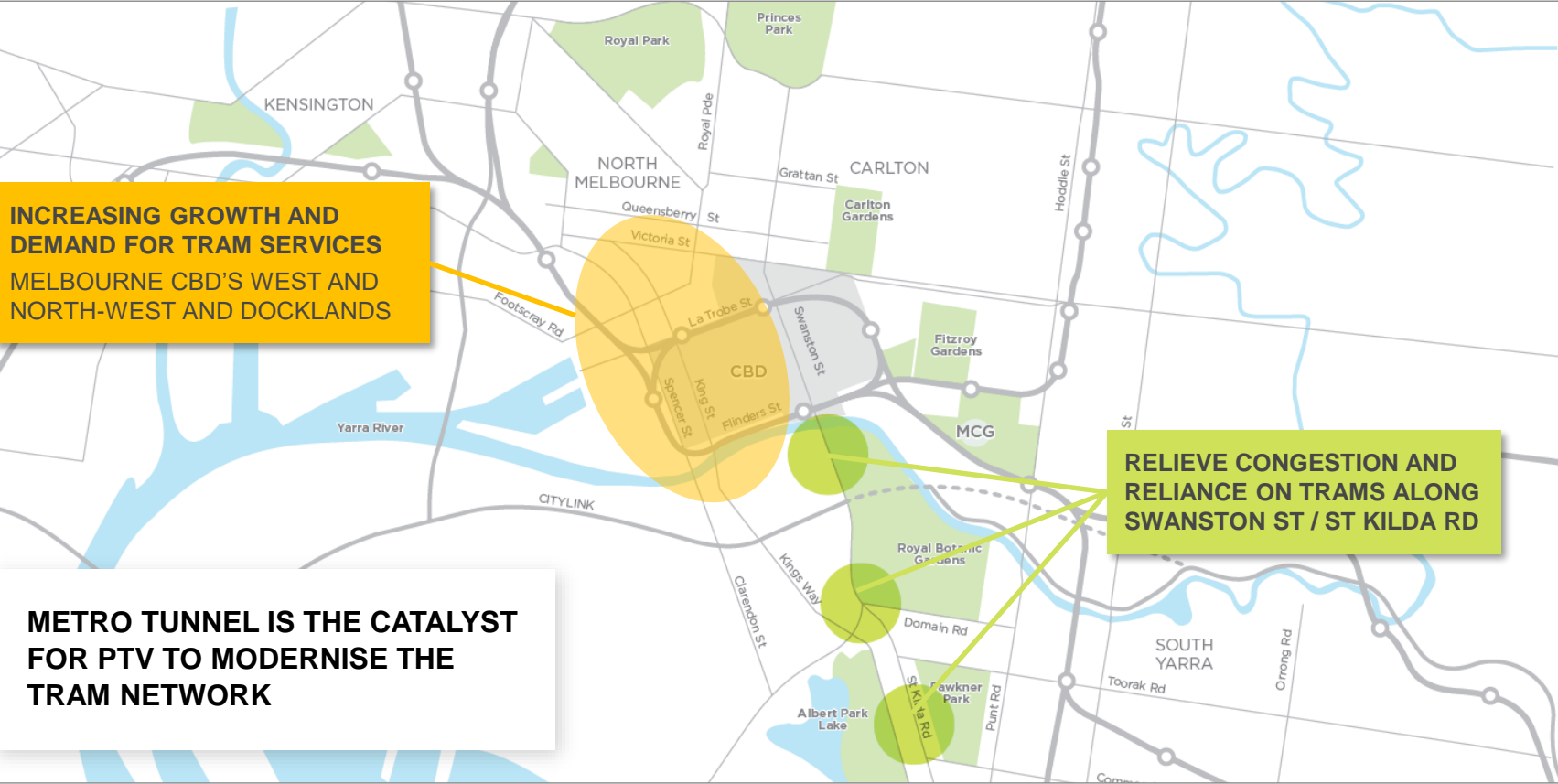
Sunbury Line

Cranbourne / Pakenham Line

CAPACITY BENEFITS



TRAMS WHERE THEY ARE NEEDED



INCREASING GROWTH AND DEMAND FOR TRAM SERVICES MELBOURNE CBD'S WEST AND NORTH-WEST AND DOCKLANDS

RELIEVE CONGESTION AND RELIANCE ON TRAMS ALONG SWANSTON ST / ST KILDA RD

METRO TUNNEL IS THE CATALYST FOR PTV TO MODERNISE THE TRAM NETWORK

WORK PACKAGES



EARLY WORKS

- Utility services relocation, demolition, CBD access shafts and other preparatory works (Managing Contractor)
- Tram diversion works (Franchisee Works)
- Construction power (Utility Service Provider)

TUNNEL AND STATIONS (AVAILABILITY PPP)

- 9km twin tunnels and five underground stations including fit-out
- Mechanical and electrical systems
- Tunnel and stations maintenance
- Rail systems installation within the tunnel

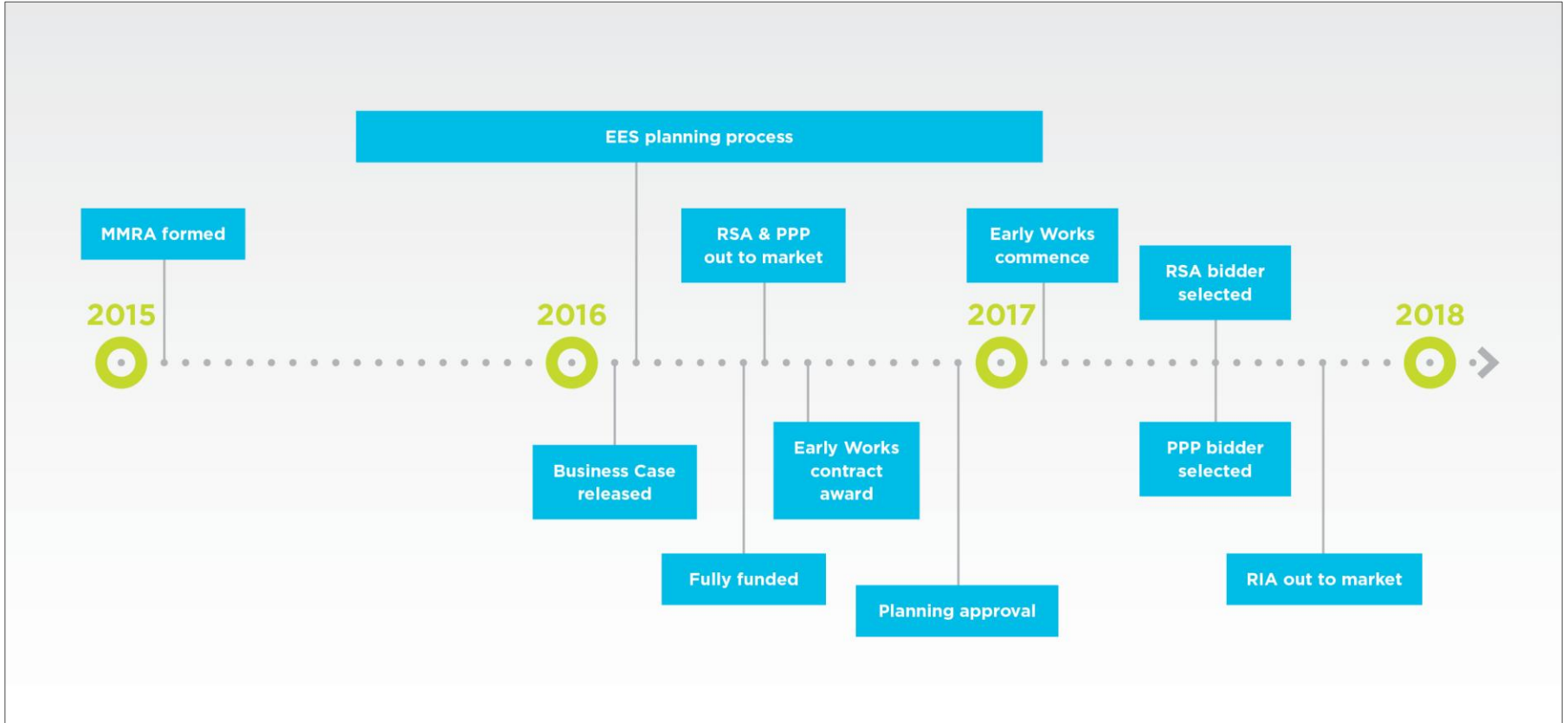
RAIL INFRASTRUCTURE (ALLIANCE)

- Eastern and Western Portals
- Integration of portal with existing rail networks (civil track, overhead line equipment, signalling)
- Eastern and Western Turnback
- Wider network enhancements

RAIL SYSTEMS (ALLIANCE)

- High capacity signalling
- Conventional signalling upgrades and modifications
- Communication systems
- Platform screen doors
- Train control and operational control systems
- Systems integration and end-to-end commissioning

MILESTONES



NEXT STEPS



2017

- Construction underway (e.g. site preparation, shafts)
- Property acquisition
- PPP & RSA contract award
- Road network changes



2018

- Development of detailed design
- Major construction on tunnels and stations
- RIA contract award



2026

- Target completion



QUESTIONS?



CROSS YARRA PARTNERSHIP TUNNELS AND STATIONS

Stefan Hanke, Project Director – Eastern Precinct
Cross Yarra Partnership





QUESTIONS?



RAIL INFRASTRUCTURE ALLIANCE

Daniel McKenna, Eastern Portal Precinct Manager
Melbourne Metro Rail Authority



INDICATIVE MILESTONES

Rail Infrastructure Alliance anticipated timeframes:

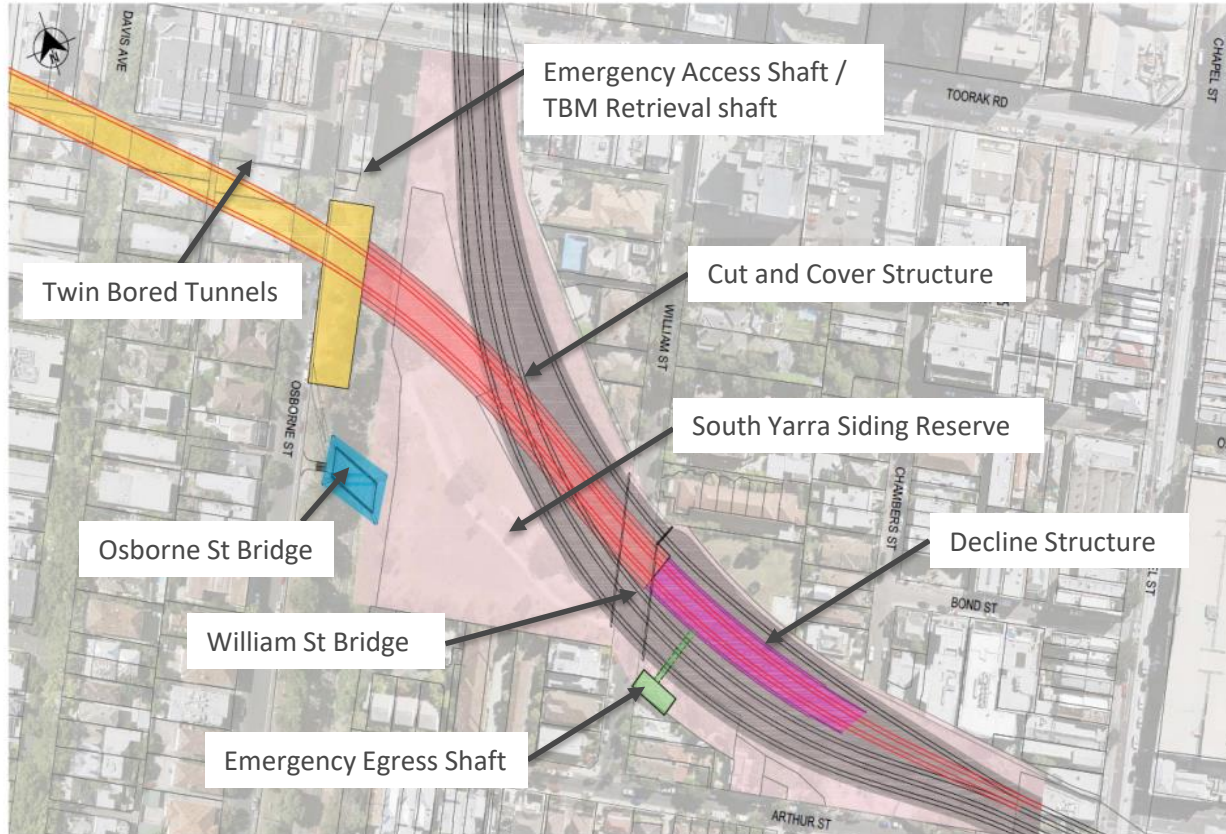
- Sept 2017 – Expression of Interest received;
- Nov 2017 – Procurement package out to market;
- Mid 2018 – Preferred contractor;
- Mid-Late 2018 – Contract awarded;
- Early 2019 – Major work begins in South Yarra;
- Late 2021 – Early 2022 – Alliance Portal works complete.



PREFERRED BIDDERS

- John Holland, CPB Contractors and AECOM Australia;
- Laing O'Rourke, Kellogg Brown & Root and WSP Australia.

EASTERN PORTAL OVERVIEW



Indicative only



QUESTIONS?



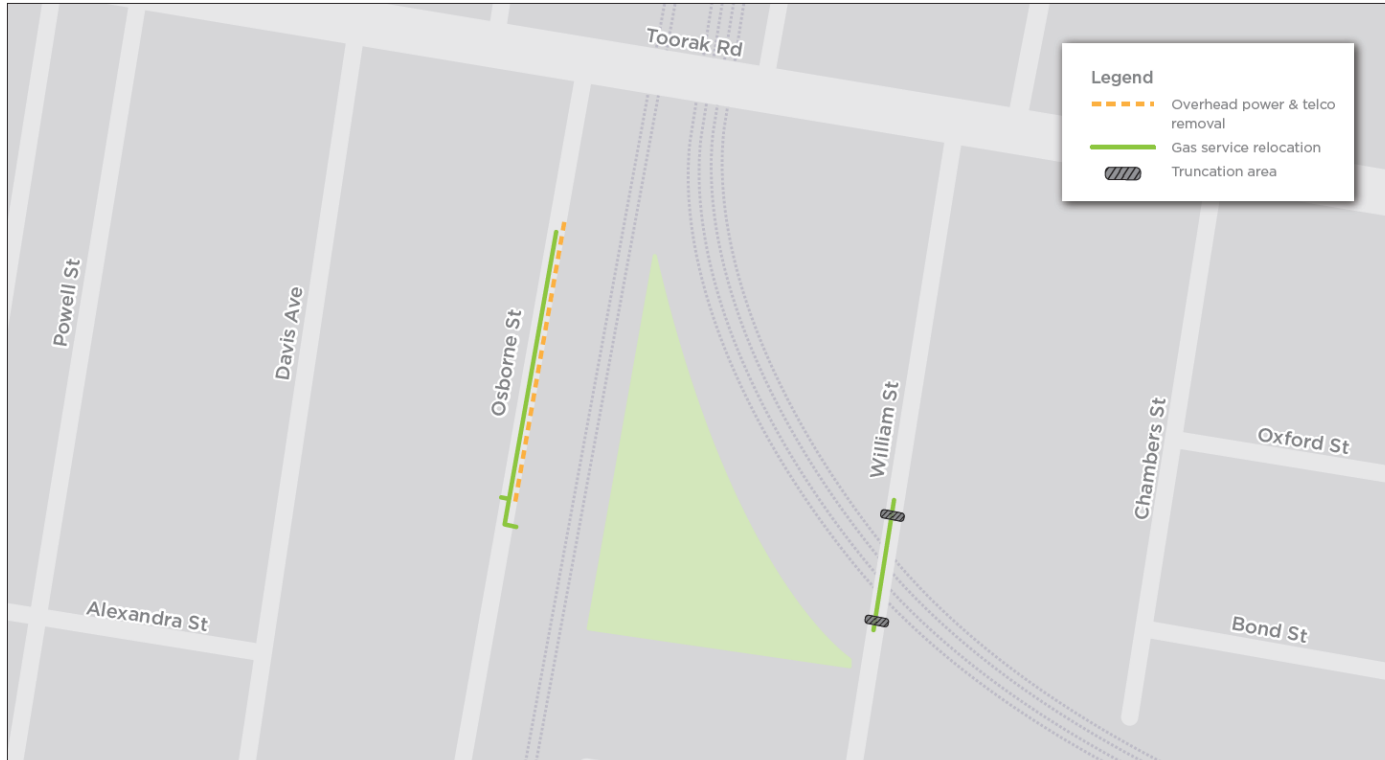
JOHN HOLLAND MANAGING CONTRACTOR - EARLY WORKS

Bec Rowe, Community & Stakeholder Manager
John Holland





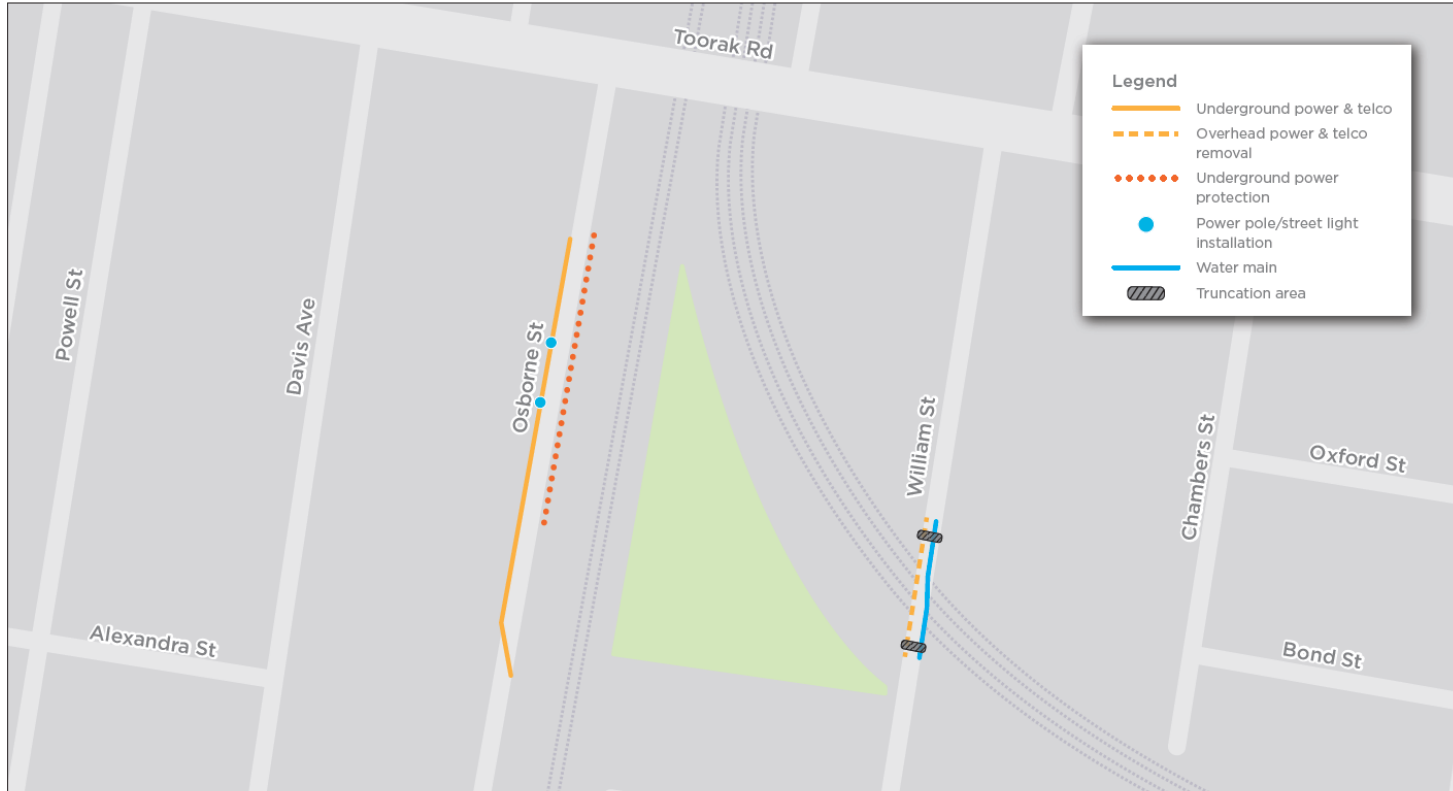
EASTERN PORTAL PRECINCT WORKS TO BE COMPLETED



Indicative only.

Construction partners:





Indicative only

Construction partners:





QUESTIONS?

