

# BP as a catalyst for the Kwinana Industrial Area

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Curtin Corner

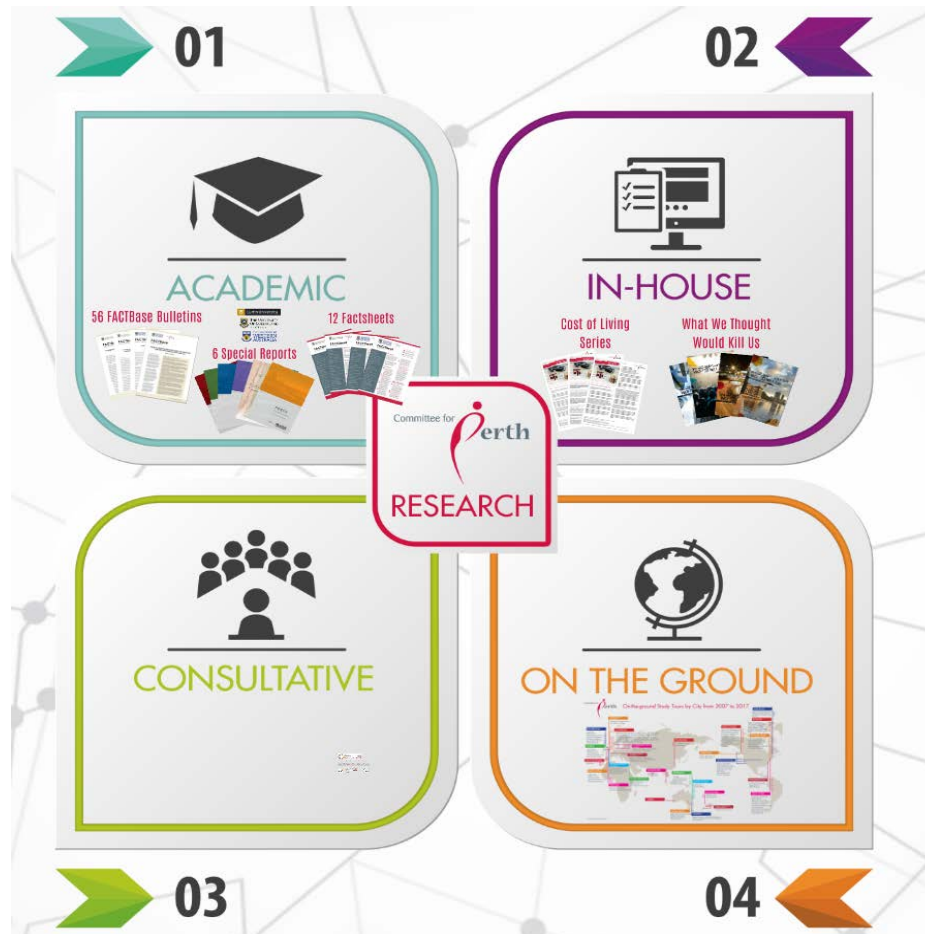
16 March 2018

# About the Committee for Perth

- ▣ Thought leaders on Perth and Peel's growth to 3.5 million people
- ▣ Membership from local, national and international organisations
- ▣ Evidence-based, solutions focused

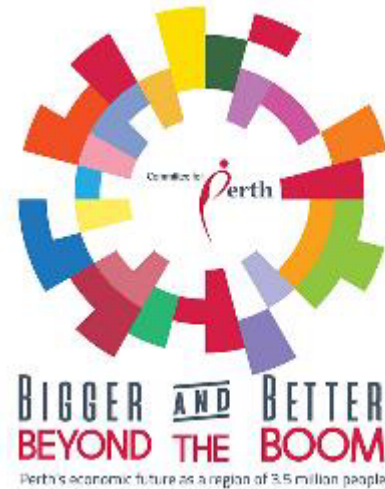


# Research Process



# Bigger & Better Beyond the Boom

*Bigger & Better Beyond the Boom* is a project of the Committee for Perth and is funded by the following organisations:



Core Funder



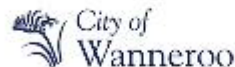
Major Funders



The Aged Care Partnership is formed by the following:



Supporting Funders



# Research to Date



FACTBase Bulletin 52 - Sizing and Mapping  
Higher Education and Vocational Education  
and Training in Perth and Peel



Community Survey of 2,000 Perth and Peel  
residents



FACTBase Bulletin 55 - Sizing Tourism in  
Western Australia



FACTBase Bulletin 56 - Sizing Ageing in  
Western Australia



FACTBase Special Report - Perth as a  
resilient economy

# Today's Presentation

- ▣ History and Planning of the Kwinana Industrial Area
- ▣ Development of Kwinana
- ▣ Impact and Outputs
- ▣ Threats and Opportunities

# Early Context

- ❑ Western Australia the 'Cinderella' State
- ❑ Primary industries – wool, gold and wheat
- ❑ State Agreement 1952
- ❑ £40 million investment for BP Australia = \$1.45 billion in 2017



Beginning of the Oil Refinery Work 1953  
Source: BP Developments Australia

# Agreement Conditions

- ▣ Dredging of Cockburn Sound
- ▣ Supply housing to UK workers
- ▣ Infrastructure provision
- ▣ Electricity and water

Total cost to State Government: £10-12m =  
\$363-436m in 2017



# Planning History

'...the vast works at Kwinana [...] will have far reaching repercussions both on the economy of the State and the physical pattern of the Metropolitan Region'  
Stephenson & Hepburn, 1955, p.1

- Supported by Perth's first plan for the metropolitan region in 1955
- Industrial future for Western Australia



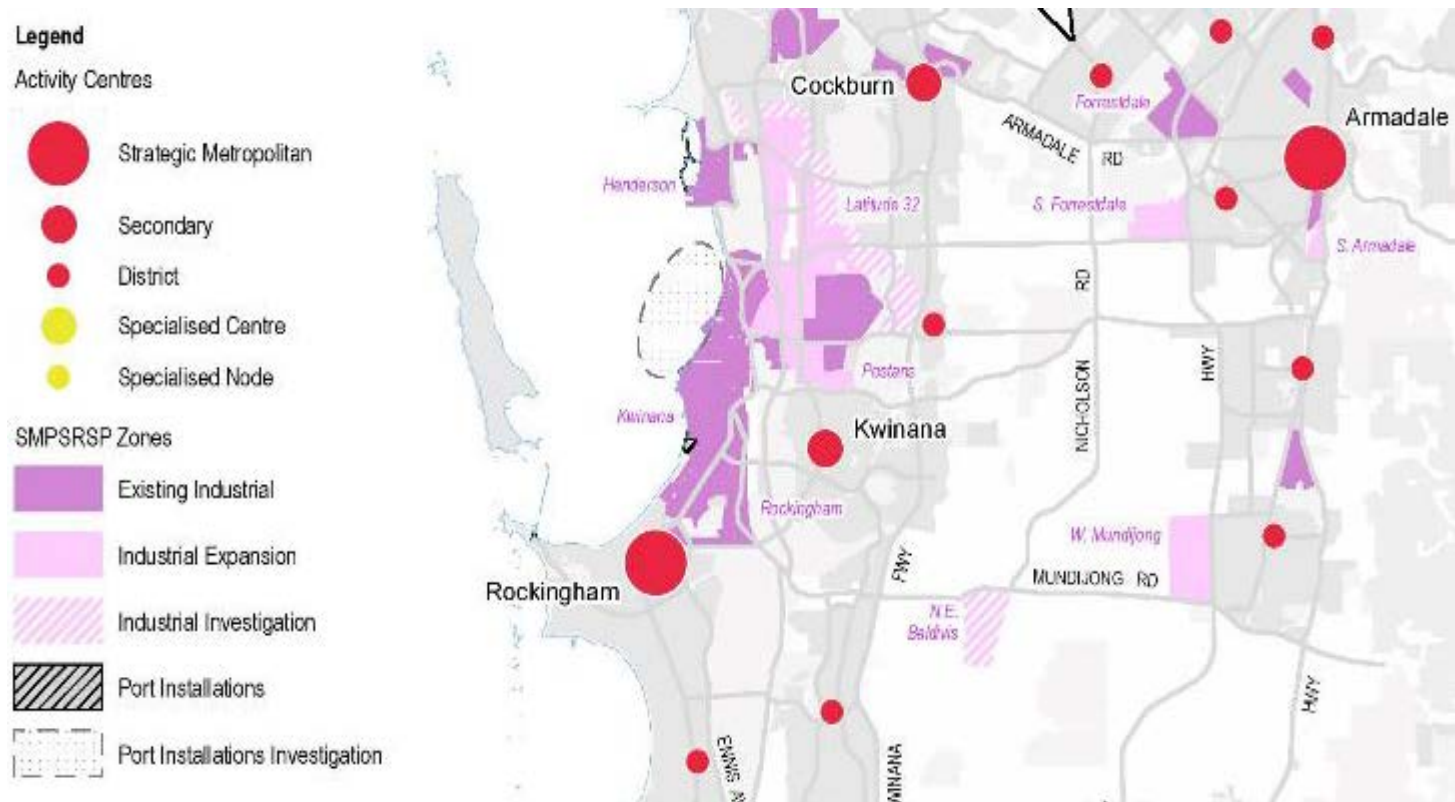
Proposed distribution of Employment.  
Source: Stephenson & Hepburn, 1955. p. 67

# Development of Kwinana



Source: MacLachlan, 2013

# Current Planning Policy



Existing Industrial, Industrial Expansion and Industrial Investigation Areas for the Western Trade Coast. Source: Department of Planning & Western Australian Planning Commission, 2015a.

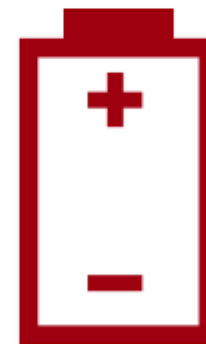
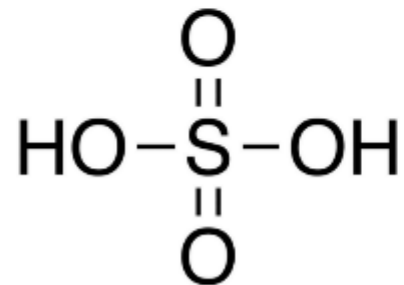
# Economic Impact

- Estimated output of \$15.77 billion/annum
- Direct and indirect employment of 30,000

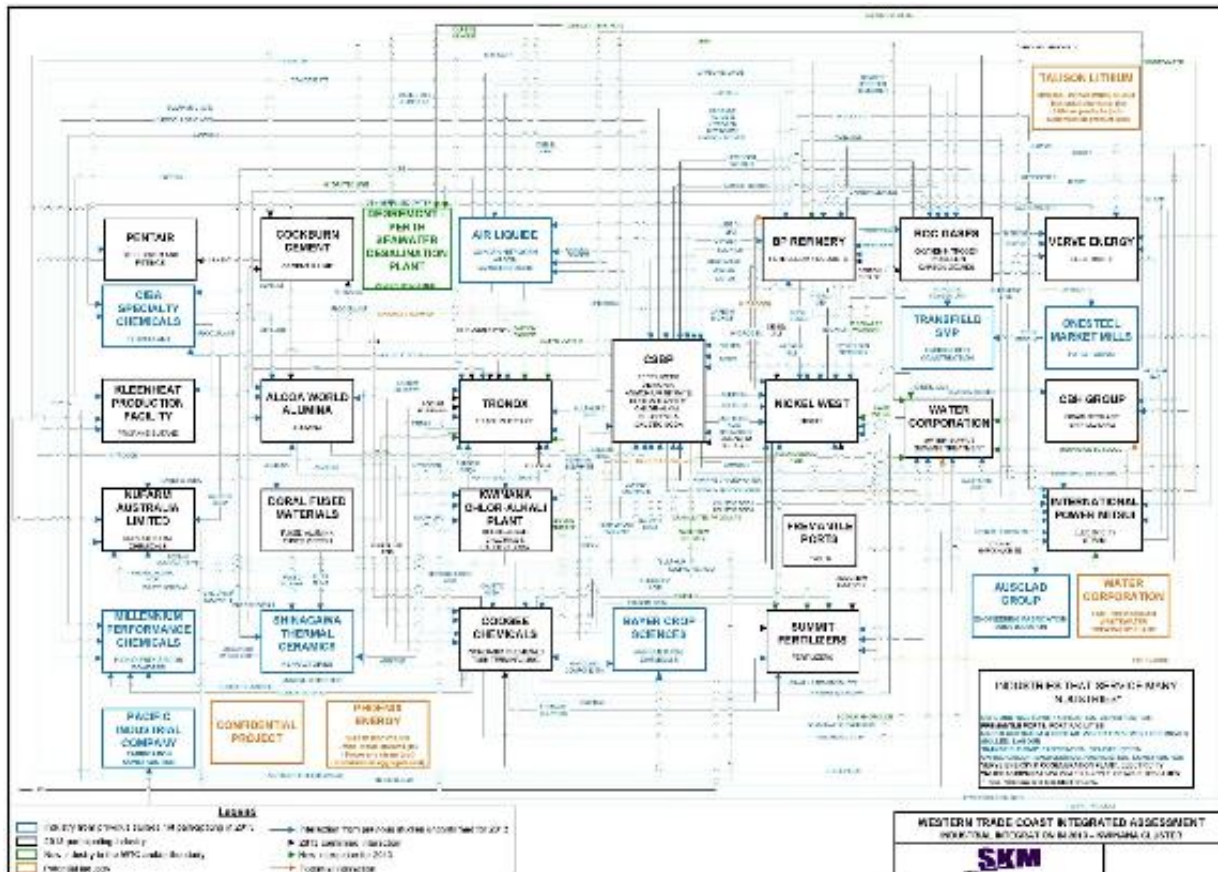


Number of Employees in Kwinana Industrial SA2, 2011 and 2016.  
Source: Australian Bureau of Statistics, Census of Population and Housing, 2012 and 2017.

# Additional Outputs



# Industrial Symbiosis



Industrial Symbiosis in the Kwinana Cluster. Source: SKM & REU, 2014, p. 4-7.

# Port Facilities

- ▣ Fremantle inner harbour almost at capacity
- ▣ Increasing congestion from freight
- ▣ Hazards associated with transport of dangerous goods
- ▣ Technology outdated
- ▣ Nation building initiative

# Kwinana Industrial Buffer Zone

- ▣ Air quality compromises = buffer zone 1992
- ▣ Pressure to develop land and encroachment
- ▣ Attempt to legislate buffer
- ▣ Mandogalup Improvement Plan

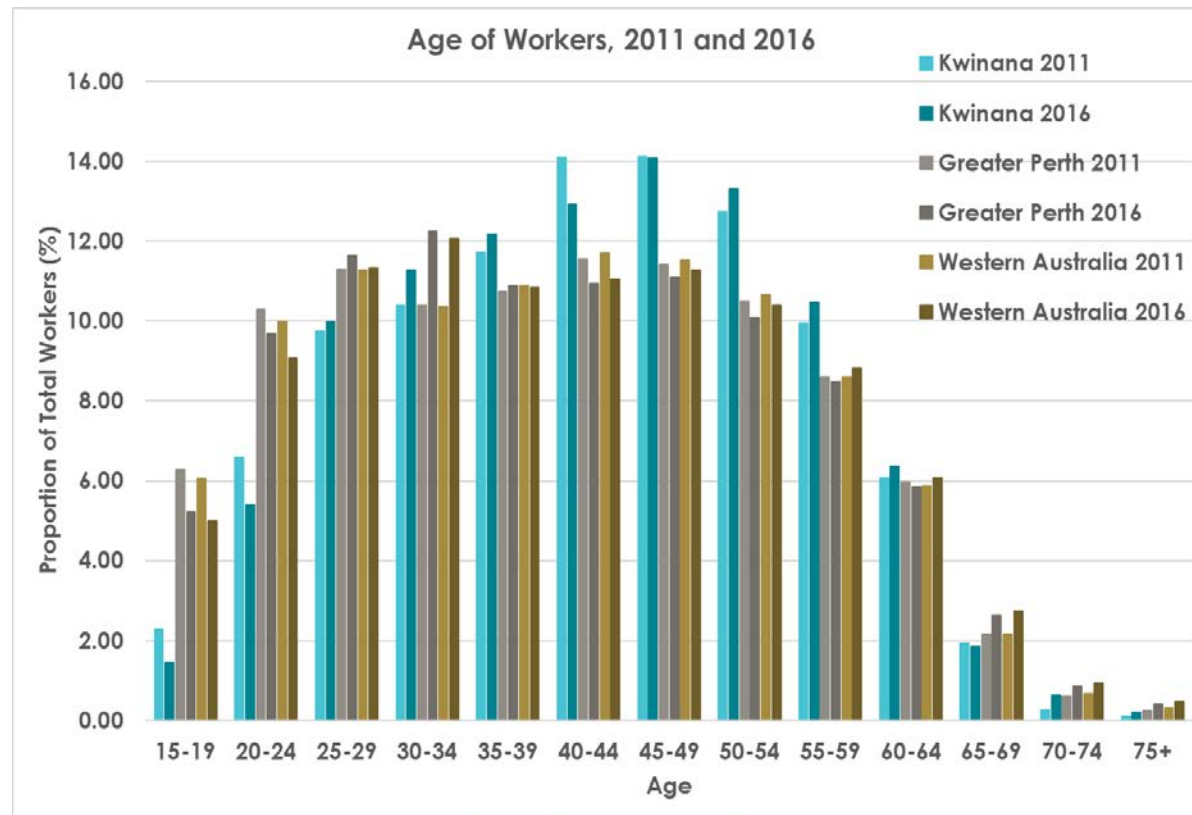


Dust Impacts on the Mandogalup Area. Source: EPA, 2017, p. 7.



# Labour Market

## □ Trend towards an ageing workforce



# Key Findings

1. State decisions have a lasting impact
2. Kwinana contributes significantly to Western Australia
3. Protection and infrastructure support essential

# Next Steps

- FACTBase Special Report – Kwinana as a catalyst for economic development
- Examination of Perth and Peel SA2 industries
- Release of final report – *Bigger & Better Beyond the Boom*
- Our research is available at [www.committeeforperth.com.au](http://www.committeeforperth.com.au)

Thank you!

Questions?