# **ASX ANNOUNCEMENT**

28 April 2017

### **Engineering & Services Market Update**

Attached is the presentation to be given today by Craig Laslett, Chief Executive Officer, Engineering & Services, Australia, Lendlease.

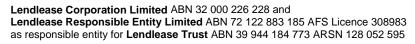
The presentation will be webcast live via www.lendlease.com

#### **ENDS**

FOR FURTHER INFORMATION, PLEASE CONTACT:

Investors: Media:

Justin McCarthy Natalie Campbell Mob: 0422 800 321 Mob: 0410 838 914





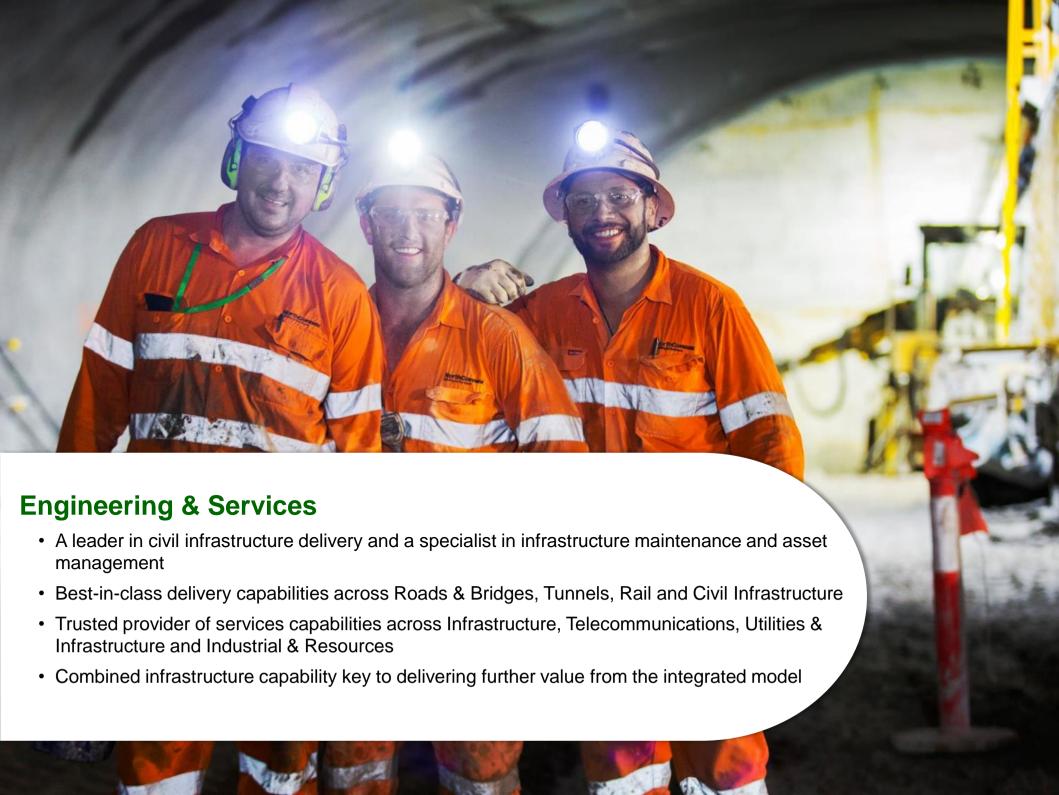


# Indigenous engagement and reconciliation

Lendlease's vision for Reconciliation is one in which all our employees acknowledge and celebrate the proud heritage of Australia's First Peoples and promote opportunities for career development, sustainable business growth and economic participation of Aboriginal and Torres Strait Islander Australians within our sector







# STRONG CAPABILITY ACROSS ENGINEERING & SERVICES

DESIGN & CONSTRUCT

OPERATE & MAINTAIN

**ROADS & BRIDGES** 

**RAIL** 

**CIVIL INFRASTRUCTURE** 

**TUNNELS** 

TRANSPORT INFRASTRUCTURE

**TELECOMMUNICATIONS** 

**RENEWABLES** 

**INDUSTRIAL & RESOURCES** 

**UTILITIES & INFRASTRUCTURE** 



# Lendlease vision: to create the best places

### Strategic framework

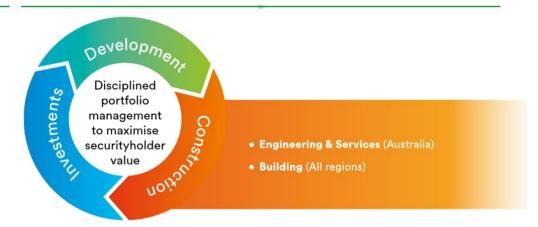
# F@CUS

Delivering optimal performance safely



Disciplined growth in sectors aligned with global trends and with a focus on our target global Gateway Cities

#### **Business model**



### **Competitive advantage**

#### INTEGRATED MODEL

Ability to deliver quality projects leveraging more than one of our segments.

#### FINANCIAL STRENGTH

Balance sheet strength and access to third party capital.

#### TRACK RECORD

Delivering quality design and sustainable outcomes safely.

#### Pillars of value

- Health & Safety
- 音 Our People
- Our Customers
- Financial
- 🏇 Sustainability



# **Engineering & Services: Competitive Advantage**

Competitive

Advantage

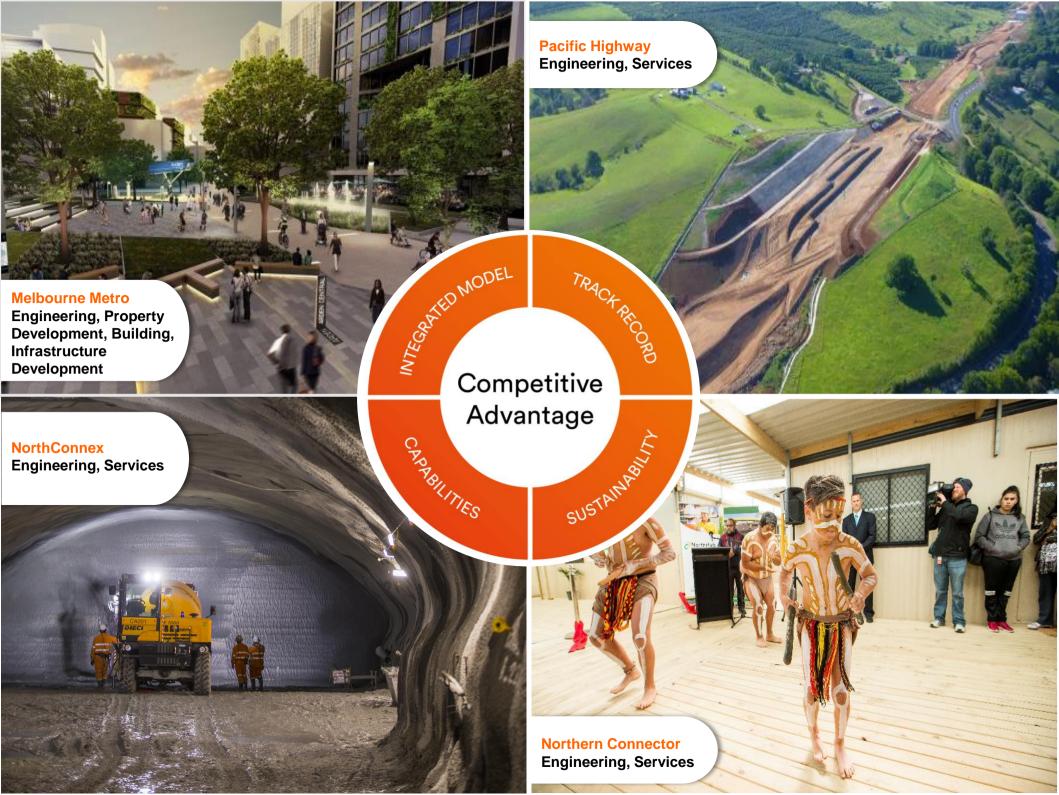
- Leveraging our integrated model to originate and deliver opportunities in gateway cities
- Businesses currently working on joint projects: Engineering; Services; Building; Infrastructure Development; and Property Development
- Civil works delivery on Communities projects

- Track record of execution excellence over 50 years
- Involved in iconic Australian infrastructure projects
  - ANZAC Bridge; Pacific Highway; Hume Highway

- Strong in-house technical capability in rail, tunnelling, mechanical and electrical, renewable energy, telco, and facilities management
- Strong financial backing of Lendlease Group
- · Self perform model

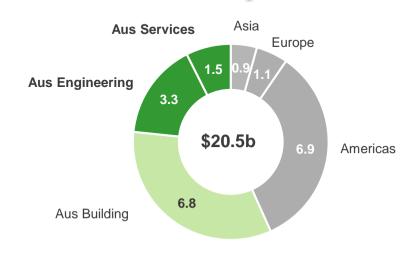
- Industry leader in safety and sustainability, community engagement and environmental management
- Industry leader in employment, skilling and training initiatives



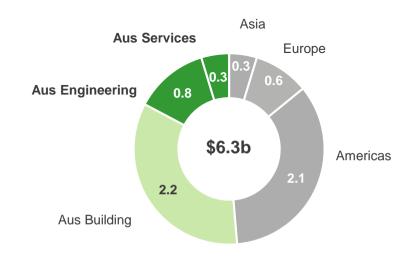


# Construction segment: Engineering & Services contribution

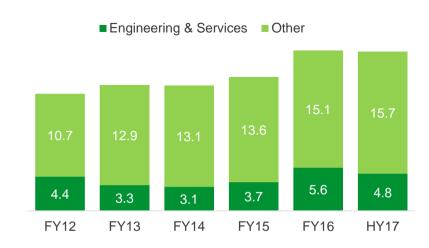
# Backlog revenue by region (\$b)1



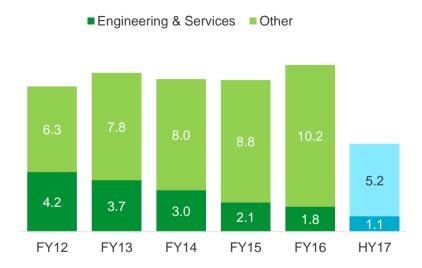
# Revenue by region (\$b)<sup>2</sup>



## **Backlog revenue (\$b)**



### Revenue (\$b)



- . As at 31 December 2016
- 2. Half year ended 31 December 2016, includes rounding



# Market opportunity for Engineering & Services in Australia

### Engineering Construction<sup>1</sup> ~\$75b<sup>2</sup>

### **Projected Composition**<sup>1</sup>:

Transport ~\$30b

Resources ~\$15b

Utilities ~\$25b

Other civil ~\$5b

#### Sector outlook<sup>1,3</sup>:

Transport



Resources



Utilities



Other civil



### Transport project outlook<sup>1,3,4</sup>:

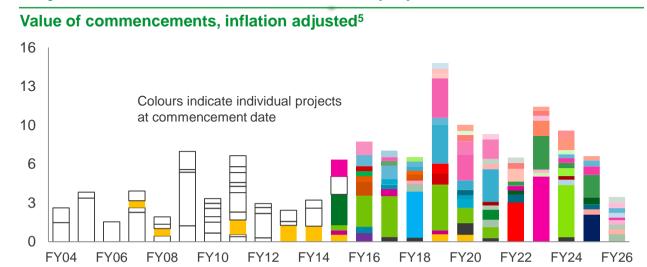
Major



Minor

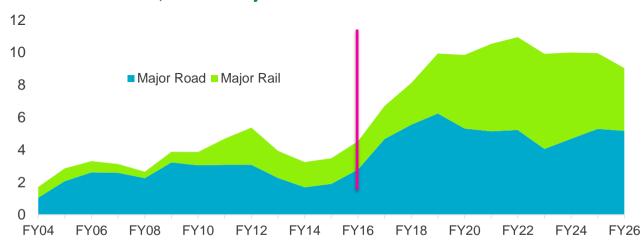


### Major Road and Rail Construction<sup>1,4</sup> (\$b)



# Major Road and Rail Construction<sup>1,4</sup> (\$b)

#### Value of work done, inflation adjusted<sup>5</sup>

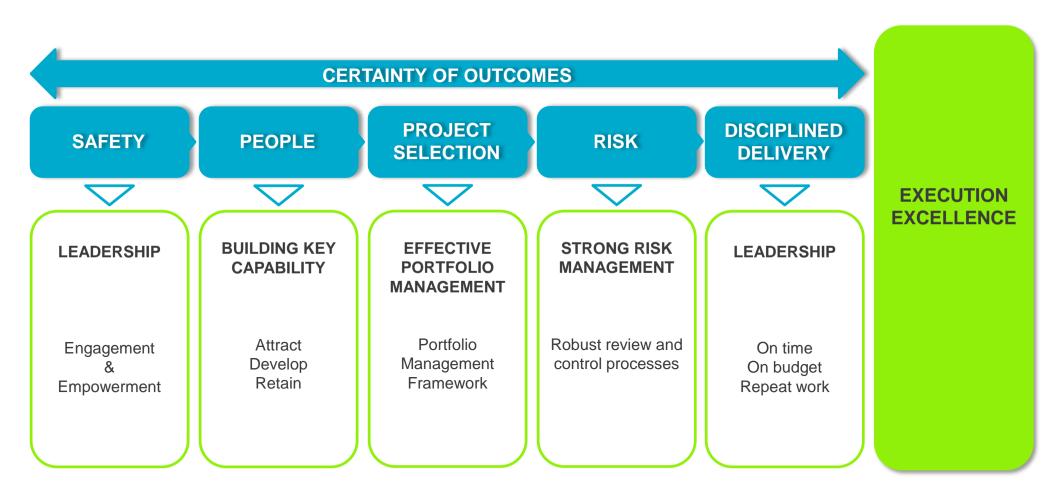


- 1. Lendlease Group Research estimates
- Estimated annual engineering construction activity in real terms, adjusted for imported component of mining
- 3. Direction of activity versus previous decade
- 4. Includes major projects > \$500m
- 5. FY14 prices





# Responding to the market opportunity

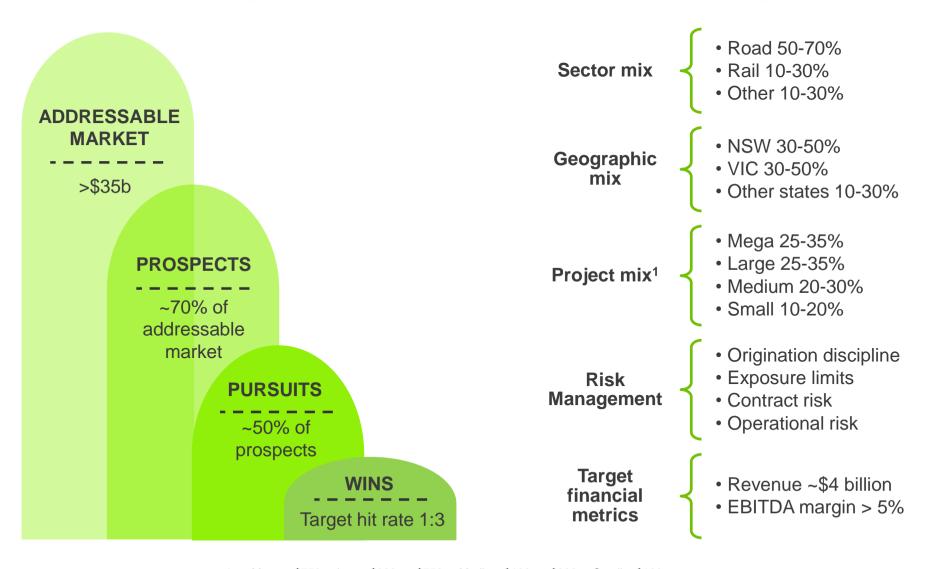




# Diversified engineering portfolio: Medium term Revenue Target of ~\$4b

# Medium term<sup>2</sup> outlook, per annum estimates

#### **Diversified Portfolio**



- 1. Mega > \$750m, Large \$300m \$750m, Medium \$100m \$300m, Small < \$100m
- 2. Represents 3 5 years



# Risk management – control and review process through the lifecycle

#### PROJECT STAGES

**STRATEGY** 

**ORIGINATION** 

CONVERSION

**DELIVERY** 

**Quarterly Business Review Process:** management meetings to review/manage business financial and operational performance

**Monthly Reviews:** project reviews held monthly

**Limits of Authority:** framework of limits to restrict and monitor the ability of employees to expose Lendlease to risk

Portfolio Management: review performance across clients, sectors, service

**Investment Committee:** detailed review of resources, budget, risks and capital strategy at regional and Board level

**Centre of Excellence:** provides knowledge sharing, governance and operational excellence and expertise at all stages

**Global Minimum Requirements:** comprehensive guidelines on minimum standards for environment, health and safety

**Capabilities:** assessment of experience, expertise, technical proficiency, capacity of people involved at each stage to guarantee execution excellence







# **Engineering & Services**

#### **Provides strategic value to Group**

- Earnings diversification that is countercyclical
- Key to achieving Australian Construction EBITDA target margin of 4-5%
- Integrated opportunities
- Contributes to gateway cities strategy

#### Australian infrastructure market attractive

- Infrastructure market has a strong medium-term growth outlook
- Longer-term growth underpinned by economic fundamentals and ongoing 'catch-up' expenditure

#### Positioned for growth

- Engineering & Services capabilities are strongly integrated to respond to the market opportunity
  - Engineering a leading tier 1 contractor with revenue target of ~\$4 billion
  - Services partner of choice with revenue target of ~\$1 billion





# **ROADS CAPABILITY**

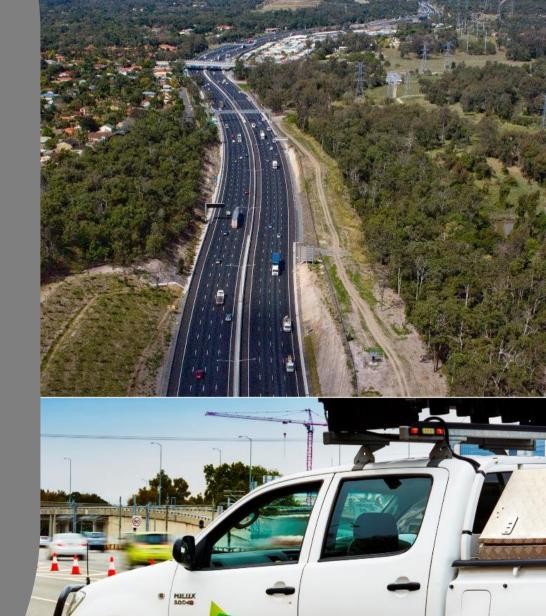
#### A leader in road building

- Large plant and equipment fleet
- Self-perform capability
- · Precast facility and batching equipment

### **Capabilities**

- Design
- Greenfield & Brownfield
- Elevated roads and bridges
- Mechanical & Electrical
- Intelligent Transport Systems
- Turnkey delivery
- Network Operations & Maintenance

- NSW: M1, M2, M5, M7, Hume, Pacific Highway
- VIC: Pen Link, Westgate, Tulla/Calder Inter.
- QLD: Gateway, Bruce, Ipswich, Tugun Bypass, Kingsford Smith Drive
- SA: Port River Ex, Southern Ex, Northern Connector
- WA: Mitchell Freeway, Tonkin Highway, Kwinana, Northbridge Tunnel, Graham Farmer Freeway





# **TUNNEL CAPABILITY**

#### Forefront of tunnel construction

- Design
- Planning
- Excavation and Construction

### **Capabilities**

- Precast tunnel segments
- Roadheaders; drill and blast, TBMs
- Tunnel portals and stacks
- Mechanical & Electrical systems
- Ventilation and control systems
- Operations and maintenance

- Cross City, M5 East, M2, NorthConnex Sydney
- Clem 7 Brisbane
- Northbridge Perth
- St Helena Ridge M1
- Tugun Bypass M1





# CIVIL INFRASTRUCTURE CAPABILITY

### Major economic infrastructure

- Transport
- Utilities
- Mining
- Defence

### **Capabilities**

- · Multidiscipline civil engineering
- Marine and port
- Airfield pavements & associated services
- Dams
- Mine developments and infrastructure
- · Energy infrastructure

- Port Botany expansion, NSW
- · Cotter Dam enlargement, ACT
- Caval Ridge mine infrastructure, QLD
- Australian Marine Complex Service & Supply Base, WA
- Adelaide Airport terminal apron expansion, SA
- Blakes Crossing, SA, and Jordan Springs, NSW, Communities



# **OTHER CAPABILITIES**

#### **Sectors**

- Telecommunications
- Renewables
- Utilities & Infrastructure
- Remediation and Environmental Services

### Capabilities

- Design & Development
- Construction
- Operations & Maintenance
- Mobile Infrastructure
- Fixed & Intelligent Infrastructure
- Civil Engineering
- Contamination & Land Remediation
- Environmental Impact Assessment
- Waste Management

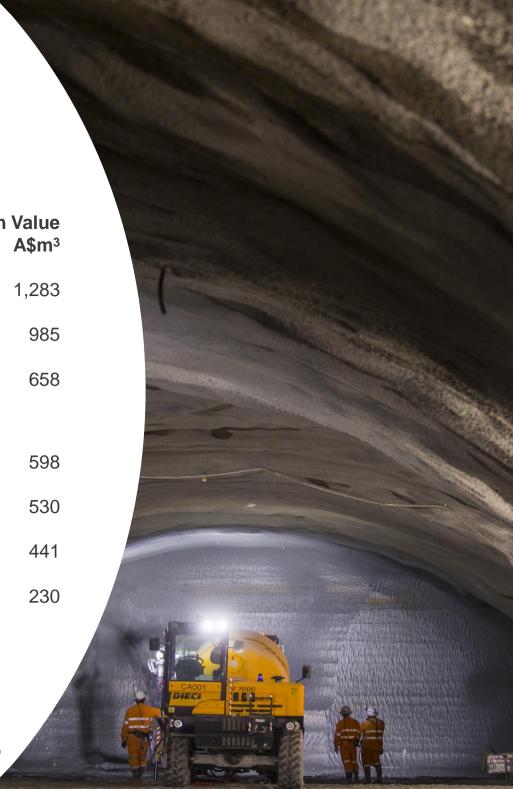
- Sydney Water
- Coliban Water
- NBN
- Telstra
- Barangaroo



# **Engineering Major Projects Backlog<sup>1</sup>**

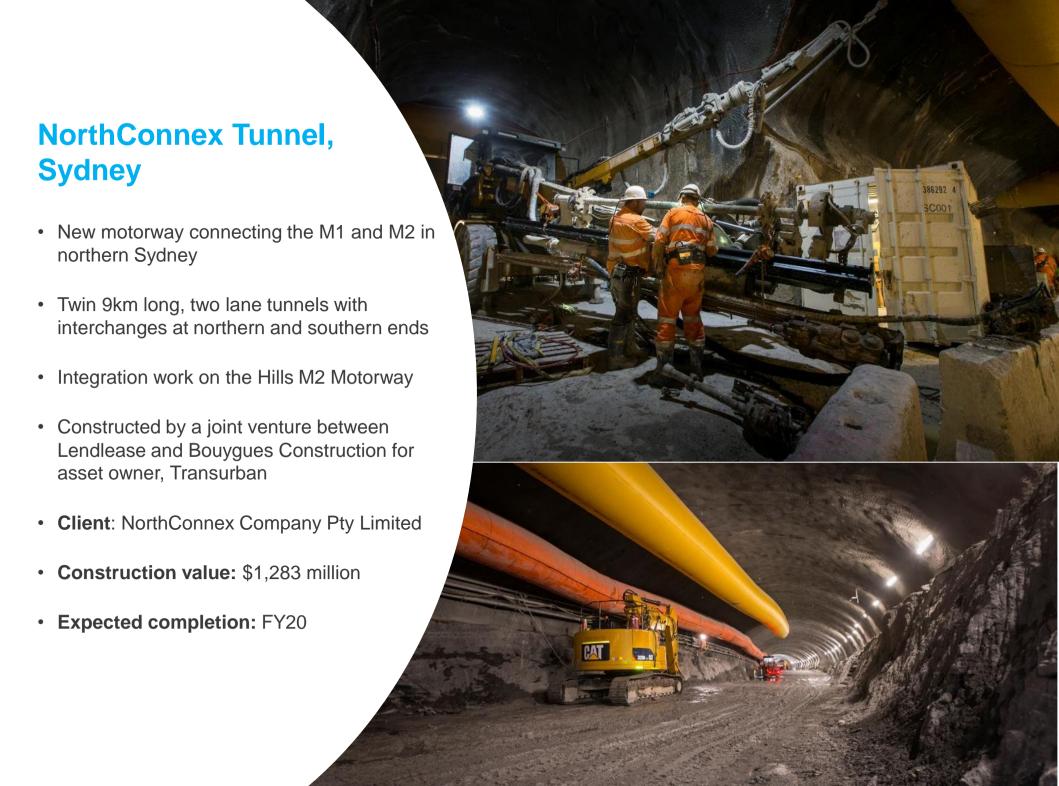
Project	Location <sup>2</sup>	Construction Value A\$m <sup>3</sup>
NorthConnex M1/M2 Tunnel	NSW	1,283
Northern Connector	SA	985
Gateway Upgrade North	Qld	658
Oxley Highway to Kundabung, Pacific Highway	NSW	598
Caulfield to Dandenong	Vic	530
Kingsford Smith Drive	Qld	441
CityLink Tulla Widening	Vic	230

3. Construction value represents the Group's share of the total construction value of the project

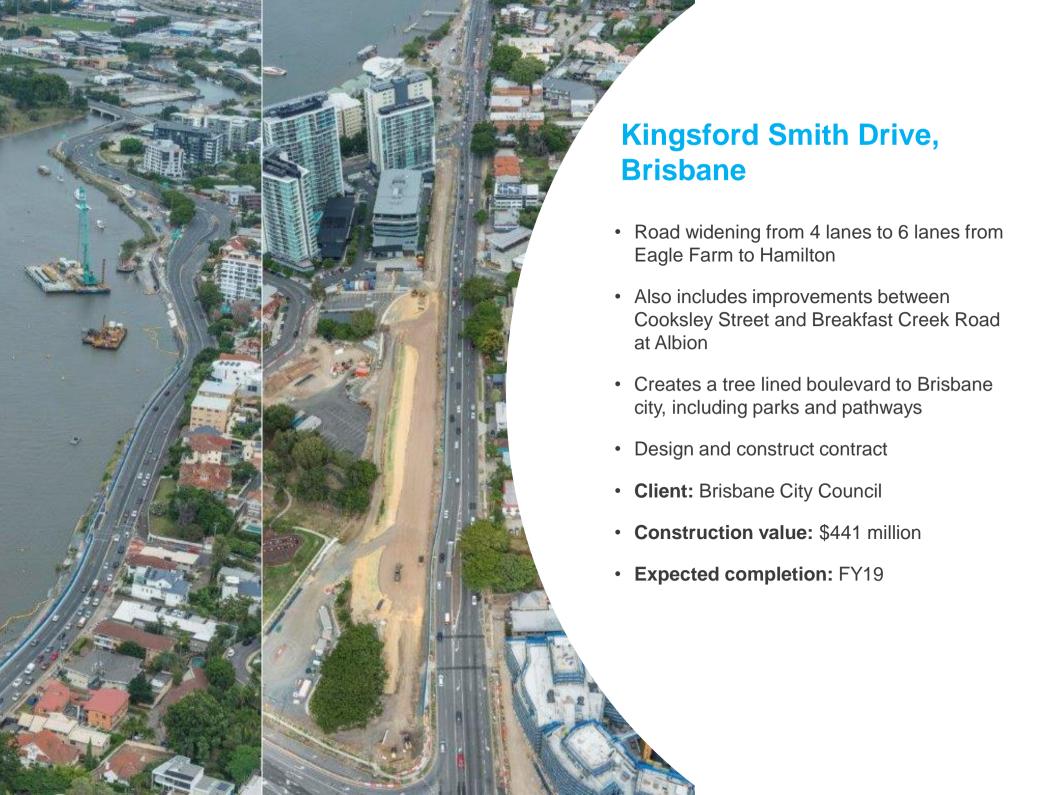


<sup>1.</sup> Major projects are as at 31 December 2016, Lendlease major projects >\$100m

<sup>2.</sup> Locations are New South Wales (NSW), South Australia (SA), Queensland (Qld), and Victoria (Vic)









 Construction of a new six lane 15.5km road linking the Northern Expressway with the South Road Superway and Port River Expressway

• Four road interchanges

· Three lanes in each direction

• 16km path for cyclists and pedestrians

Client: Department of Planning, Transport and Infrastructure

• Construction value: \$985 million

Expected completion: FY19





Removal of nine level crossings between Caulfield and Dandenong

Five new stations to be built at Carnegie,
Murrumbeena, Hughesdale, Clayton and Noble Park

 Power and signalling upgrades between Flinders Street Station and Pakenham Station

22.5 hectares of public open space and shared pathways

Lendlease is delivering the Caulfield to Dandenong package as part of an Alliance with CPB Contractors, WSP | Parsons Brinkerhoff, Aurecon, LXRA and Metro Trains Melbourne (MTM)

Client: Level Crossing Removal Authority

Construction value: \$530 million

Expected completion: FY19



# **Lendlease Communities Projects**

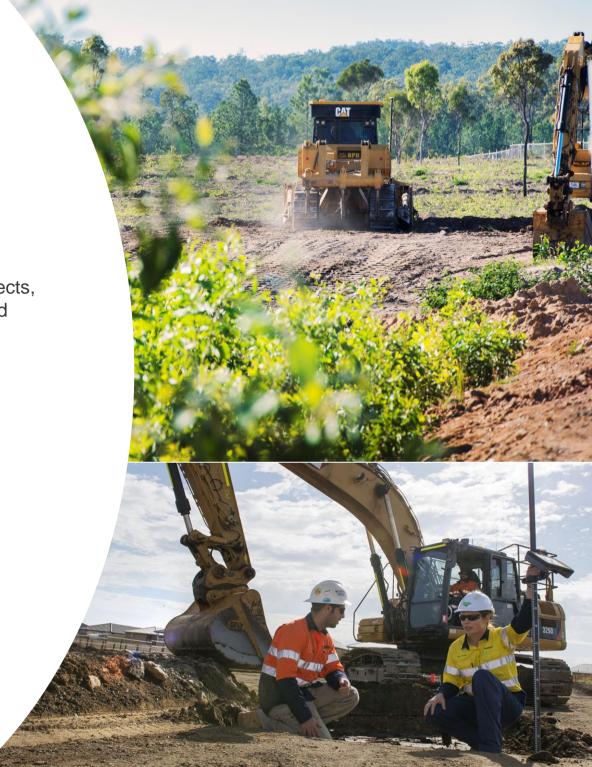
 Services currently involved in nine Lendlease Communities projects as part of an ongoing integrated partnership

 Engineering has experience in Communities projects, providing earthworks at Jordan Springs, NSW and Blakes Crossing, SA

· Client: Lendlease Communities

Construction value: circa \$80 million<sup>1</sup>

• Expected completion: Ongoing





· Maintenance of the Optus and Uecomm network's aerial backbone and customer cable infrastructure

Partnered with Optus since 2009

• Client: Optus

# Westlink M7, Sydney

 Operation and maintenance of the M7 motorway in Sydney

Incident response services, under the name Westlink Services

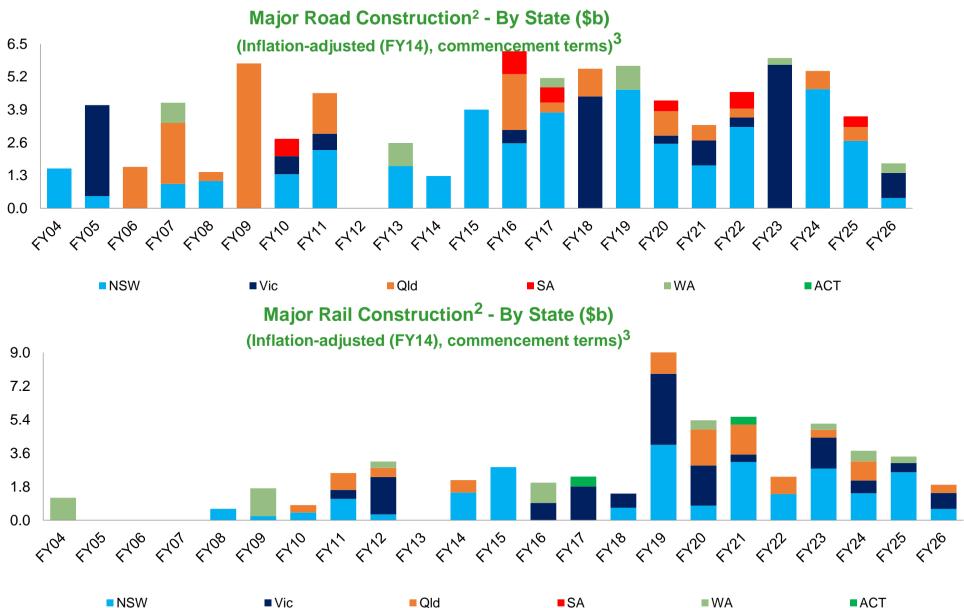
**Client**: Roads & Maritime Services,

**NSW** 





# Major transport construction pipeline<sup>1</sup>





- 1. Lendlease Group Research estimates
- 2. Includes major projects > \$500m
- 3. FY14 prices

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A reference to HY17 refers to the half year period ended 31 December 2016 unless otherwise stated. All figures are in AUD unless otherwise stated.

