

QUBE HOLDINGS LIMITED ABN 14 149 723 053

Level 27, 45 Clarence Street Sydney NSW 2000

> T: +61 2 9080 1900 F: +61 2 9080 1999

> > qube.com.au

11 May 2017

NSW Site Tour Presentation

Attached is presentation to be delivered today by Qube's Managing Director, Maurice James.

Adam Jacobs Company Secretary

Attachments:

1. NSW Site Tour Presentation

Qube Holdings Limited NSW Site Tours 11 May 2017





Disclaimer – Important Notice



The information contained in this Presentation or subsequently provided to the recipient whether orally or in writing by, or on behalf of Qube Holdings Limited (Qube) or any of its directors, officers, employees, agents, representatives and advisers (the Parties) is provided to the recipient on the terms and conditions set out in this notice.

The information contained in this Presentation has been furnished by the Parties and other sources deemed reliable but no assurance can be given by the Parties as to the accuracy or completeness of this information.

To the full extent permitted by law:

(a) no representation or warranty (express or implied) is given; and

(b) no responsibility or liability (including in negligence) is accepted,

by the Parties as to the truth, accuracy or completeness of any statement, opinion, forecast, information or other matter (whether express or implied) contained in this Presentation or as to any other matter concerning them.

To the full extent permitted by law, no responsibility or liability (including in negligence) is accepted by the Parties:

(a) for or in connection with any act or omission, directly or indirectly in reliance upon; and

(b) for any cost, expense, loss or other liability, directly or indirectly, arising from, or in connection with, any omission from or defects in, or any failure to correct any information,

in this Presentation or any other communication (oral or written) about or concerning them.

The delivery of this Presentation does not under any circumstances imply that the affairs or prospects of Qube or any information have been fully or correctly stated in this Presentation or have not changed since the date at which the information is expressed to be applicable. Except as required by law and the ASX listing rules, no responsibility or liability (including in negligence) is assumed by the Parties for updating any such information or to inform the recipient of any new information of which the Parties may become aware.

Notwithstanding the above, no condition, warranty or right is excluded if its exclusion would contravene the Competition and Consumer Act 2010 or any other applicable law or cause an exclusion to be void.

The provision of this Presentation is not and should not be considered as a recommendation in relation to an investment in Qube or that an investment in Qube is a suitable investment for the recipient. References to 'underlying' information is to non-IFRS financial information prepared in accordance with ASIC Regulatory Guide 230 (Disclosing non-IFRS financial information) issued in December 2011. Non-IFRS financial information has not been subject to audit or review.

Agenda



- 1. Introduction and Overview
- 2. Patrick Port Botany
- 3. Minto
- 4. Moorebank Logistics Park
- 5. Summary and FY17 Financial Outlook
- 6. Questions

Qube Today



Queensland

Approx. 4,700 employees and contractors

DUBE

Working across over 80 locations in Australia and New Zealand

Market capitalisation of around \$3.9 billion

kan Tauranga

🦲 Napier

Wellington

Lvttelton

Timaru

Gisborne

Leading positions in its core markets

Qube Today → H1-FY17 Underlying Performance

Logistics Division	Ports & Bulk Division	Strategic Assets Division	Patrick Stevedores (50%)*	
H1-FY17	H1-FY17	H1-FY17	H1-FY17	
Revenue A\$329m EBITDA A\$53m	Revenue A\$364m EBITDA A\$70m	Revenue A\$9m EBITDA A\$1m	Revenue (100%) \$218m EBITDA (100%) \$83m *Acquired 18 August 2016	
 Provides broad range of services for import and export of containerised cargo Offers integrated solution suite covering multiple aspects of the supply chain Operates nationally across 36 sites in Australia including in all capital city ports and has an expanding footprint in inland metropolitan and country regional areas with connections to Australian ports 	 Provides broad range of logistics services for the import and export of mainly non-containerised freight Focus on automotive, bulk and break bulk products including vehicles, forestry products, bulk commodities, oil and gas projects and general cargo National operator, with 30 port facility locations in Australia and in 14 locations in New Zealand 	 Holds interests in strategically located properties suitable for development into logistics infrastructure and operations Developing Moorebank, expected to become the largest intermodal logistics precinct in Australia, and another property at Minto Owns AAT, a multi-user facility provider to stevedores and focused on vehicle imports Holds investments in Quattro and TQ for development and operation of grain and fuel storage and handling terminals 	 Qube owns a 50% interest in Patrick, one of two major established national operators providing container stevedoring services in the Australian market Holds long term lease concessions for and operates shipping container terminals in the four largest container ports in Australia Complements Qube's other logistics activities Other 50% owned by Brookfield and its managed funds 	

Management Structure



QUBE

Vision and Strategy

QUBE

Qube's vision is to be Australia's leading provider of integrated logistics solutions focussed on import and export supply chains

Market Characteristics Current Markets Strategy Deliver operating efficiencies and Attractive long term growth Containers benefits of economies of scale through: outlooks (ideally GDP+) Motor vehicles . Investment in infrastructure. • Fragmentation and / or facilities, equipment and technology inefficiencies in the logistics **Rural commodities** . supply chains Reduced transport costs by • eliminating movements Bulk resources • Impacted by structural change / Comprehensive integrated supply decline in local manufacturing • Oil and gas • chain solutions through a single Geographical advantages service provider • Forestry products (ie proximity to China / Asia) Rail and road based solutions • delivering best modal outcome Balanced mix between imports Diversified within target markets • and exports by customer, service and Strategic locations at or near ports • geography and other key infrastructure

Key Financial Outcomes (Divisional)

QUBE

Underlying EBITDA* & EBITDA Margin



Underlying Revenue*

• * Figures do not include any proportional revenue or EBITDA of Qube's Associates (including Qube's share of Patrick's revenue and EBITDA)

- Qube's FY 16 revenue and earnings were impacted by the conclusion of three major resource related contracts and the restructure of another major customer contract as a result of weakness in the commodities sector.
- All of these developments occurred towards the end of FY 15 and therefore mainly impacted revenue and earnings in the following financial year (ie FY 16).
- In FY 17, Qube expects underlying earnings growth in both operating divisions as a result of the contribution from new contracts secured in FY 16, organic growth and further cost initiatives.

Prudent Approach to Capital Management



- Qube maintains a conservative approach to gearing*
- Long term stated target gearing range of 30-40%
- Fixed charge cover, gearing and shareholder funds covenants in bank facilities

 * Qube gearing defined as Net Debt / (Net Debt + Equity) where Net Debt includes the Subordinated Notes



Qube Debt Facility Maturity Profile

- Funding currently provided by mixture of bilateral and syndicated bank facilities
- Issued subordinated note to diversify funding sources and lengthen maturity profile
- · Patrick bank facilities are non-recourse to Qube
- 31 December 2016 net debt A\$962m (with A\$406m undrawn facilities and cash)

Leading Australian & Global Partners & Customer Base



The top 10 customers of each operating division represent about 35% of FY16 divisional revenue and have been customers of Qube for over 5 years on average

- Kawasaki
- Toyota
- Komatsu
- DB Schenker
- Mitsui
- TonenGeneral
- Wallenius Wilhelmsen
- Sandfire Resources
- Iluka
- Conoco Phillips
- Sunrice

- Chevron
- Saipem
- Murray Goulburn
- Cargill
- COFCO
- Australian Paper
- Woolworths
- Wesfarmers
- Visy
- Aurizon
- Glencore



Operating Divisions Supported By Diversified Revenues



Indicative FY16 revenue segmentation by product



Patrick

50% owned by Qube





Port Botany





Business Overview



Conscitu

- In August 2016 Qube completed the acquisition of a 50% interest in Patrick as part of a A\$12bn acquisition of ASX listed company Asciano Limited by Qube and its partners
- Patrick is one of two major established national operators providing container stevedoring services in the Australian market with operations in the four largest container ports in Australia
- Unique, difficult to replicate network of assets with high barriers to entry



Location	Lease Term	Footprint	Equipment	p.a.
Port Botany (Sydney)	2043	1,400m quay line 4 berths	8 cranes / 45 straddle carriers and other cargo handling equipment	1.6m TEU
East Swanson Dock (Melbourne)	2034	885m quay line 3 berths	7 cranes / 54 straddle carriers and other cargo handling equipment	1.4m TEU
Fisherman Islands (Brisbane)	2045	922m quay line 3 berths	5 cranes / 31 straddle carriers and other cargo handling equipment	0.8m TEU
Port of Fremantle (Fremantle)	2019*	766m quay line 2 berths	4 cranes / 41 cargo handling pieces of equipment	0.6m TEU

* Patrick has recently finalised an interim extension to 2019 while the WA State Government assesses its long term ownership plans for the port infrastructure. A longer term lease is expected to be negotiated during this period.

Patrick Management Team

Former Director - Commercial at Qube Holdings and Former Chief Operating Officer – Europe at Brookfield joined Qube in 2011 Michael Jovicic **Jonathon Sellar** Infrastructure Over 20 years of experience in ports and logistics sector • Previous roles included CFO of Prime Infrastructure CEO CFO Previously held senior roles at APM Terminals and Joined Brookfield in 2002 Maersk in Asia Significant operational experience in running container Joined Asciano in 2013 and most recently was Victoria Moore terminals for over 35 years Senior Legal Counsel, responsible for managing the **Damian Ryan** General Counsel joint consortia acquisition of Asciano Previous Terminal Manager at East Swanson Dock and • **GM** Operations & Company delivered leading performance indicators in the sector Previously held senior legal roles at Allens (Sydney) from Secretary 2008, including 3 years at Slaughter & May (London) within Australia Former CEO & Managing Director, Halterm Container Maria Joined Asciano in 2012 and most recently was Terminal in Halifax. Atlantic Canada from 2011 Ashley Dinning Zoras-Christo Deputy General Counsel & Enterprise Change Manager Over 35 years of experience in ports and logistics sector • **GM** Commercial GM Previously held senior legal roles at Daikin Australia Previously held senior roles at APM Terminals (India), . HR, IR & HSE from 2005 and Sparke Helmore from 2003 Linfox, Port of Brisbane and Port of Melbourne Former General Manager IT at Patrick and Asciano from **Chris Knott** 1988 - 2011Adrian Sandrin Previously Director – IT at Patrick . Acting GM Over 35 years of experience in ports and logistics sector GM IT Technology & Over 30 years of experience in ports and logistics sector Most recently was General Manager IT at Hutchison Engineering Ports Australia

nube

Patrick Board of Directors

QUBE

Qube Nominees

Brookfield Nominees

Chris Corrigan	 Chairman of Qube Holdings Former Managing Director of Patrick Corporation 	Jeff Kendrew	 Managing Partner and Chief Development Officer for Brookfield in Australia / India at Brookfield Asset Management Director and Chairman of key Brookfield operating assets including DBCT, Brookfield Rail, Enwave Australia and Peak Infrastructure, and a Director of Quadrant Energy
Maurice James	 Managing Director of Qube Holdings Former Executive Director and Head of Ports Group at Patrick Corporation 	Stewart Upson	 Managing Partner and Head of Asia at Brookfield Asset Management Director of Brookfield's Australian holding company
Paul Digney	 Chief Operating Officer of Qube Holdings Previous role was Director – Logistics Former senior executive at Patrick Corporation 	Ray Neill	 Senior Vice President at Brookfield Asset Management Director of key Brookfield operating assets including DBCT and Brookfield Rail

Initial Business Observations



The Business and Operations

- Confirmed quality of the assets, sites and operations
- Strong operational performance in East Swanson Dock, Fisherman Islands and Fremantle
- Shipside productivity improvements required at Port Botany
- Advanced National Operations Centre provides value add to customers
- Significant effort to improve customer relationships (esp at senior levels)
- Previous investment in systems and equipment will deliver lower cost base
- Transition from AIO / PN corporate largely complete with minimal disruption

The People and Culture

- Head office relocation to Botany from North Sydney reflects new management culture
- Efforts to improve employee relationships despite recent issues
- Decentralised model to empower terminal management to take greater ownership of their performance and results

The Opportunity

- Investment case rationale remains valid despite short term challenges
- Favourable long term structural industry dynamics
- Ability to differentiate over time through low cost base, increased benefits from past investment in automation, and superior landside interface

Global Shipping Alliances



- * Acquisition subject to final agreement & regulatory approvals
- ** Maersk Line, MSC and HMM enter strategic cooperation
- *** CMA CGM has acquired APL
- **** Merger into CHINA COSCO SHIPPING
- ***** Proposed merger to be approved by regulators
- ****** Merger Hapag-Lloyd & UASC conditionally approved by European Commission



Ocean Alliance

CMA CGM

APL

COSCO

CHINA SHIPPING

OOCL

EVERGREEN

QUBE



Competitive Landscape



Short To Medium Term

- Three entrants in Sydney, Melbourne and Brisbane leading to excess capacity and pricing pressures
- Shipping line consolidation creating risks and opportunities
 - Gives shipping lines more leverage in pricing negotiations; but
 - Reduces flexibility for lines to change berth windows
- Pressure on shipping rates resulting in focus by shipping line customers on price rather than service
- Competitors have chased volume that they cannot efficiently handle leading to delays and costs on the landside logistics activities to the detriment of importers
- Have successfully agreed contract extensions with Patrick's two largest customers

Creates opportunity for Patrick / Qube to differentiate its offering by:

- Level of port-side efficiency through automation (Port Botany and Fisherman Islands)
- Benefit of landside logistics focus (reduced container dwell time and earlier container availability for importers)
- Benefit of national network and national operations centre as value add

Competitive Landscape

QUBE

Medium to Long Term

- Market growth of GDP+ should enable all participants to achieve scale over the medium to long term
- Requirement for some competitors to undertake further capex to increase capacity may lead to disruptions at their facilities while capex is being undertaken
- Consolidation of shipping lines should improve shipping line economics and result in renewed recognition of nonprice value add initiatives.

Patrick / Qube will continue to focus on:

- Delivering a superior service at a competitive price
- Reducing costs through scale and operating efficiencies
- Increase terminal capacity by improving landside logistics interface (ie reducing container dwell time)
- Provide value added services to shipping lines, importers and exporters

Patrick Terminal Development Proposal

QUBE

Proposed investment at Patrick being assessed to enable direct discharge straight to automated rail gantries for direct distribution.



Key Priorities

- Improve productivity at Port Botany
- Deliver on acquisition synergy targets including finalising separation from PN
- Finalise assessment of construction of automated rail terminal at Port Botany
- Strengthen relationships with existing and potential shipping line customers
- Enhance relationship with employees (on a sustainable commercial basis)

nuee

Minto

• Qube owns two strategic properties at Minto in South West Sydney

Macarthur Intermodal Shipping Terminal (MIST)

- Approx. 12 hectares
- Qube Logistics operates the terminal and port rail shuttles with on-site warehousing with direct link to Cargill grain terminal
- Currently handling around 150,000 teu pa (near capacity)
- Reflects smaller scale version of Moorebank potential

Culverston Road

- Approx. 29 hectares
- Located on Southern Sydney Rail Freight line
- Provides future expansion capacity for intermodal hub when Moorebank reaches capacity
- Currently leased (or finalising leases) to several automotive industry players to create an automotive logistics hub
- Objective is to maximise earnings and value in the medium-long term until required for expansion of logistics activities





Culverston Road

Culverston Road, Minto

- Proximity to M5, M7 and the Hume Highway servicing the key Sydney catchment;
- Convenient location from Port Kembla.





QUBE

Moorebank Logistics Park





The Moorebank Project





Australia's largest intermodal freight precinct

Whole of precinct solution; 99 year lease over 243 hectares of land in South Western Sydney

Qube will operate import / export port shuttle and interstate terminals handling up to 1.5 million TEU per annum

Up to 850,000 square metres of integrated warehousing when fully developed

Qube will have multiple revenue and earnings streams from the project once operational

Qube's expected capex to be circa \$400 million over the first 5 years (excluding rail shuttle operations and new warehousing)

Agreement Between Qube and MIC





Moorebank Highlights for Qube



QUBE

Moorebank Highlights for Qube



Strategic infrastructure that addresses Sydney's critical future logistics needs

Transformational project with material positive impact for Qube over the medium to long term

Consistent with Qube's strategy of investment in growth and diversification

Attractive financial returns

Acquisition of Patrick (50%) highly complementary to Moorebank project

Current Masterplan



QUBE

What is Qube Selling / Marketing?

A competitive leasing agreement that provides logistics benefits such as:

- Container availability at Day 0 or earlier takes time out of customers supply chains
- Recirculation of containers will reduce costs for both importers and exporters
- Co-location of tenants takes costs out of their current supply chains
- Qube / Importer benefits by saving the cost of returning empty containers to Port Botany
- Earlier cargo availability for national distribution as Botany is first port of call for many shipping services
- Containers can be stored at Moorebank and re-allocated for exports at Moorebank. Hence, Qube / Exporter benefits by saving the cost of picking up an empty from Port Botany and moving it to a rail terminal for loading onto a regional train
- Amazon is coming and some retailers need to move to the cross-dock and B2B, B2C model to stay competitive, i.e. reducing warehouse footprint and inventory on the balance sheet

nuee

Moorebank Target Tenants



High value exporters

Importers and domestic suppliers with national and / or regional distribution centres

KEY TENANT ATTRIBUTES:

- Support the use of the terminals for the movement of containerised freight by rail with long term forecast freight growth
- Have high volume annual freight movements relative to their warehouse footprint

International and domestic

freight forwarders / 3PL's

Qube

- Are of a strong financial standing

KEY CHARACTERISTICS:

- Major direct retailers, including supermarkets, discount department stores, direct furniture, clothing retailers and online retailers

Cross dock and express

freight

Qube

- Major 3rd party logistics (3PL) providers that provide service around the import / export and domestic supply chains
- Direct importers, including electronic / appliance / furniture manufacturers
- Fast Moving Consumer Goods (FMCG) companies that rely heavily on imported product
- Freight Forwarders both on import/export supply chains as well as ones that are looking at interstate / regional rail in lieu of road line haul

QUBE

Rail Strategy

The Moorebank development is expected to be a major catalyst for modal shift towards rail for freight moving from and to Port Botany as well as for domestic distribution from and to Moorebank:

Structural Considerations

- Increasing road congestion
- Possible introduction of heavy vehicle access charging
- Decline in number of drivers due to ageing workforce
- Safety concerns
- Environmental benefits
- Road will remain dominant transport mode but rail will facilitate overall market growth

Operational Considerations

- Lower unit cost (v road) when operating at scale
- Earlier product availability from Port Botany
- More flexibility with return of empties through off-peak block stack runs
- Consolidate export volumes and empty containers at Moorebank to optimise operational efficiencies
- Maximise asset utilisation and reduce costs through high frequency, standardised services



- Multiple handling
- Lack economies of scale
- Costly

Future Import Distribution Supply Chain



- · Highly efficient Port Botany to Moorebank rail operations will reduce logistics costs by replacing primary trucking
- On-site warehousing will benefit from being co-located with IMEX and Interstate Terminals, resulting in lower primary transport costs
- Empty de-hire at Moorebank (and rail back to port) drives further efficiencies
- Co-location with Interstate Terminal will drive further opportunities for operational synergies
- Co-location with complementary businesses will drive further (secondary transportation) savings

Future Supply Chain Opportunities



Example

- Standard 20 foot container = around 22 pallets / 350 cartons
- Cross-Docking of product reduces current multiple handling
- Savings include lower transportation / handling, lower warehousing requirements and lower working capital / inventory costs

DUBE

Future Opportunities

Potential for a customer's products to be cross-docked through Qube facility, enabling supply chain efficiencies



QUBE

Qube Revenue Streams



Area	Revenue 100% Qube unless shown
Terminal	 IMEX and Interstate Terminal operations IMEX and Interstate Terminal ownership
MIC Funded Works	Development manager
Property	 Ground rent (Qube share c.34%) Existing warehousing New warehousing – options include: Develop and lease Develop and sell (development profit) Partner / JV with third parties to develop and lease / sell Sell development rights (development profit)
Logistics	 Port shuttle rail services Regional rail services Interstate rail services 3PL warehousing Other container services

Indicative Funding Overview

Item	Indicative Total Capex*	Indicative Minimum Total Capex (First 5 Years)*
Precinct Enabling Infrastructure	\$300 million	\$200 million
IMEX Terminal Below Rail Infrastructure	\$80 million	\$80 million
Interstate Terminal Below Rail Infrastructure	\$110 million	\$90 million
Total Precinct Enabling Infrastructure / Terminals	\$490 million	\$370 million
IMEX Terminal Operating Equipment	\$170 million	\$20 million
Interstate Terminal Operating Equipment	\$10 million	\$10 million
Total – Ex Warehousing	\$670 million	\$400 million
New Warehousing	\$800 million	ТВА

 Currently expect Qube's required capex funding for Moorebank development to be around \$400 million over the first 5 years post financial close (excluding capital for Qube's rail shuttle operations and for new warehousing funded by Qube)

- · New warehousing will be built on demand and with pre-commitments from tenants
- A range of funding options (including tenant funding and third party funding alternatives) will be assessed whilst
 ensuring Qube maintains control of the project development and tenant composition

* Note: Figures represent nominal values.

nube

Moorebank Delivery Team



Key Milestones



Indicative timeline of Moorebank's key milestones

Date	Milestone
January 2017	Financial Close (Day 1 of Project)
Q4 – 2018	Commencement of operation of IMEX Rail Terminal
Q2 – 2019	Commencement of new warehousing operations
Q3 – 2020	Commencement of operation of Interstate Rail Terminal
January 2027	Requirement to pay 50% of ground rent over entire Moorebank site (if not leased earlier)
January 2032	Requirement to pay 100% of ground rent over entire Moorebank site (if not leased earlier)

Status of Key Planning Approvals



*Figures represent TEU capacity

** Figures represent m2 of warehousing

nube

Qube - Summary



Focussed vision and strategy to deliver efficient logistics supply chain solutions

Targeting markets with attractive characteristics

Very diversified operations (service, geography, product, customer)

Experienced management team

Network of strategic assets to provide competitive advantage

Well positioned to deliver long term earnings growth

Qube - FY 17 Financial Outlook

|--|

Operating Divisions	 Continue to see improved conditions overall compared to FY16 with organic revenue growth and ongoing cost focus Some financial and operational impact from extreme weather events in WA and Qld in H2 as well as Port Botany rail terminal disruptions (although not material to Qube)
Patrick	 Benefitting from market growth and some market share gains by its customers Earnings to reflect impact of recent customer losses, continuing rate pressures and recent Port Botany union dispute partly offset by ongoing cost reductions
Strategic Assets	 Pleasing progress towards finalising initial tenant(s) for Moorebank Delays in planning approvals impacting timing of construction and timing of management fees for MIC works Strong volumes in AAT although Quattro volumes below forecast
Qube	 No change to previous outlook guidance being: Expect underlying earnings growth in both operating divisions Expect increased underlying earnings (NPAT) in FY 17 No change to continued competitive pressures expected across the business

Questions



