Boral's Investor Site Tour

Construction Materials & Cement and USG Boral

Brisbane, Queensland | 25 November 2014



BORAL'S INVESTOR SITE TOUR – BRISBANE 2014

Schedule – Tuesday 25 November

Presentations and Q&A

Site

	8:00 a.m. – 9.30 a.m.	CM&C: Quarries, Asphalt and Major Projects Joe Goss, Grant Lediott, Paul West, Paul Dalton & Wayne Manners
	9:30 a.m. – 9:45 a.m.	Break
	9:45 a.m. – 10:15 a.m.	USG Boral: update on new technology products Frederic de Rougemont & Tony Charnock
	10:15 a.m. – 10:30 a.m.	Wrap up and closing comments
Visit	S	
	10:30 a.m. – 11.30 a.m.	Travel to Ormeau Quarry
	11.30 a.m. – 12:30 p.m.	Site Tour of Ormeau Quarry
	12:30 p.m. – 1:00 p.m.	Lunch
	1.00 p.m. – 2.00 p.m.	Travel to Pinkenba
	2.00 p.m. – 3:30 p.m.	Site Tour of Pinkenba Plasterboard plant
	3.30 p.m. – 3:45 p.m.	Travel to Whinstanes
	3.45 p.m. – 5:15 p.m.	Site Tour of Whinstanes Asphalt plant
	5:15 p.m. – 5:45 p.m.	Travel to Hotel
	6:30 p.m.	Dinner at Lincoln Room, Pullman Hotel



Content



- Boral Construction Materials & Cement Overview | Joe Goss
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RORA

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Construction Materials & Cement: Scale and scope

Business scale & scope

- 104 Quarry operations (total: >1 billion tonnes of reserves)
- 227 Concrete operations
- 44 Asphalt plants
- 1* Bitumen terminal
- 1 Cement manufacturing site (~1.7m tpa capacity)
- 2** Cement grinding sites
- 1 Lime manufacturing plant
- ~2,500 Trucks
- ~5,100 Employees



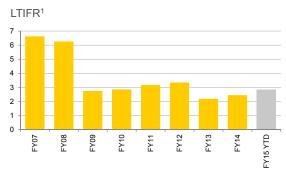
FY2014 financial information

Total External Revenue	\$3,287m
EBIT ¹	\$277m
Net Assets ²	\$2,171m
ROFE ^{1, 2}	12.7%

* Bitumen terminal is a joint venture ** 1 Cement grinding site is a joint venture Data as at 30 June 2014

Safety remains our first priority





Key focus areas & initiatives

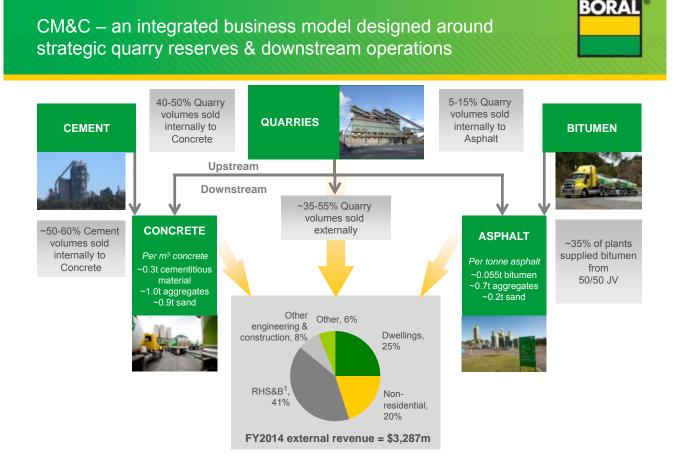
- Reinforce management commitment & leadership
- Employees understand their accountabilities & responsibilities for safety
- What we are doing:
 - ✓ Expanding safety interventions
 - ✓ Communicating 'safety absolutes'
 - ✓ Continuing Safestart rollout

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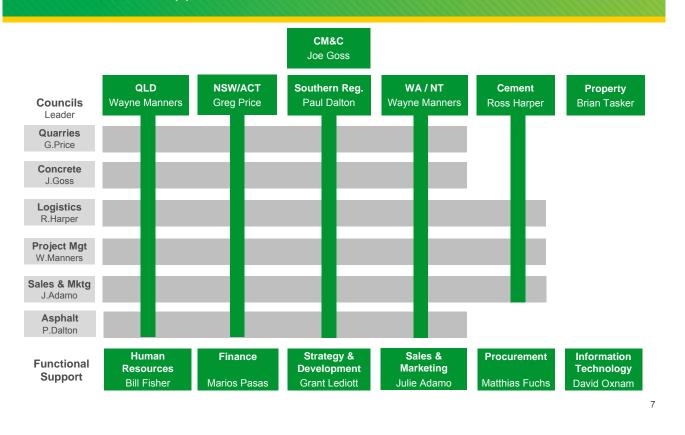
✓ Implementing contractor safety program



^{1.} Lost Time Injury Frequency Rate (hours per million hours worked)



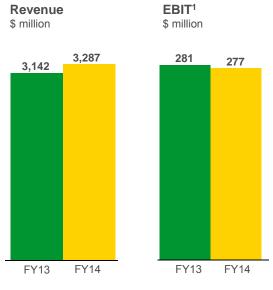
Regional management structure with product and functional support



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Trading update and outlook (from 2014 AGM)





Concrete, Quarries, Cement, Asphalt, Transport and Property

1Q FY2015 trading update

- Demand levels broadly steady
 - Strong residential activity in NSW
 - Weaker roads & engineering volumes
 - Weaker than expected activity in Qld
- Pricing remains under pressure
- Heavy rainfall impacted earnings

FY2015 outlook

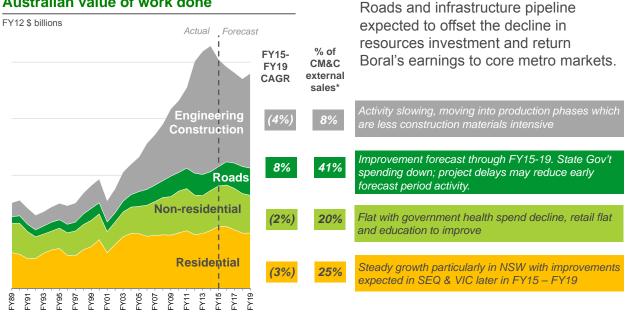
- 1Q FY2015 earnings below our expectation but targeting catch up via:
 - Readjustment of cost base
 - Delivery of additional property sales
 - Select price increases in stronger markets
- Expectations dampened if unable to realise potential property sales & some price increases

1. Excluding significant items

Market outlook



Australian value of work done



Source: Macromonitor & BIS Shrapnel Roads = roads, highways, subdivisions & bridges * FY14 sales; 'Other' sales account for ~6%

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Boral is a major participant in the Australian quarry industry



Northern Territory National operations 2 quarries Queensland 104 quarry operations . Western Australia 27 quarries 87 hard rock 12 quarries 17 sand / sand & gravel ~1,000 employees ~400 off-road heavy mobile equipment units NSW / ACT 30 quarries South Australia Victoria 12 quarries 16 quarries Tasmania 5 quarries Data as at 30 June 2014 11

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Boral's quarries are market aligned with a long-term focus

Quarries are scarce strategic assets but scarcity alone will not deliver successful outcomes.

Boral's quarries have:

Competitive and market-aligned positions

- Located in close proximity to market
- 'Right-sized' capacity to market demand
- Achieve cost competitiveness through operational excellence and effective distribution

Long-term sustainability

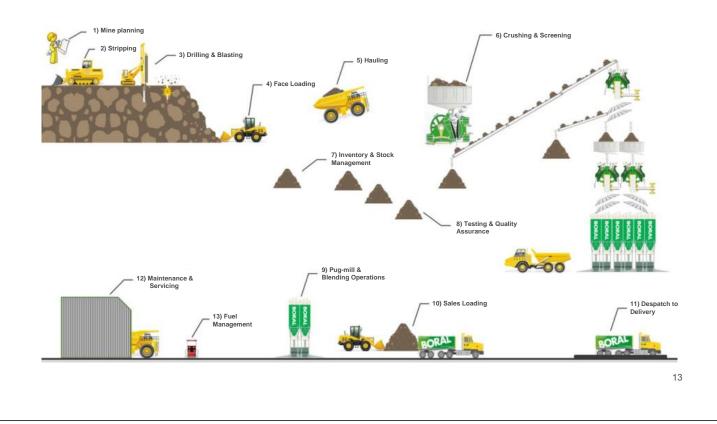
- Long-term, high quality reserves to underpin investment returns
- A whole-of-life perspective





Quarrying process overview







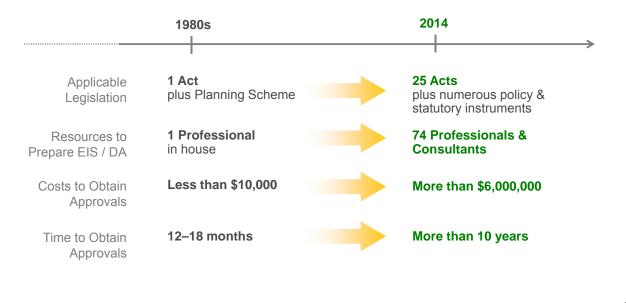


Access to new quarry resources in Australia is getting harder due to the challenges of securing statutory approvals

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SEQ Greenfield Quarry Case Study

The Statutory Approval Process: 30 years on (neighbouring sites)



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Securing quarry approvals: the Peppertree Quarry journey

Peppertree Quarry, NSW:

A 10-year process from initial requirement identification to construction completion

2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Options to replace Emu Plains canvassed	Exploration and land acquisition	Land acquisition – quarry DA commenced	Community consultation – EIS exhibition	Development application approved	Begin work to secure dam water licence	Modification 1 – Exploratory test pit Maldon Rail Terminal DA commenced Environmental Management Plans prepared	Aboriginal heritage salvage Maldon Rail Terminal DA approved Stakeholder engagement plan initiated	Modification 2 – Water licence approved Limestone sand plant DA commenced Construction commenced	Modification 3 – Ongoing heritage Limestone sand plant DA approved Buffer land acquisitions	Construction completed

Protection and positioning of our quarry positions is a key focus, underpinning our integrated business model



Key challenges	CM&C key activities to mitigate				
Land use encroachment	Securing buffer land adjacent to quarriesSite selection aligned with long-term urban growth plansPlant design and site development to minimise impacts				
Increasing community expectations	Effective engagement through community liaison groupsWork with community groups on related projects				
Compliance with existing regulations	Proactively working with government departmentsInternal compliance programs to manage risks				
Changing regulatory environment	 Working with industry to effectively engage with governments Stakeholder engagement to secure designated extractive industry areas 				

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Boral is one of Australia's largest Asphalt manufacturing & contracting businesses

Western Australia



Queensland

16 asphalt plants

National operations

- 43 asphalt plants
- 26 depots
- 40 asphalt paving crews
- 40 spray seal crews
- ~900 employees
- Importer of bitumen directly and through BIA*

Data as at 30 June 2014

Other.

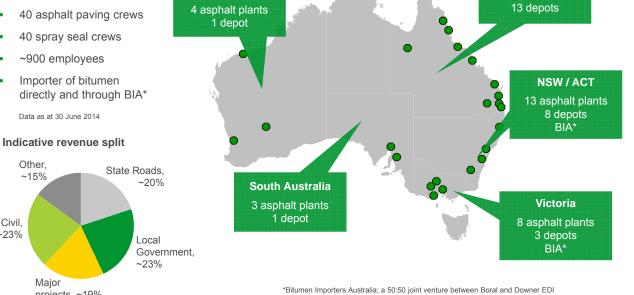
~15%

Major

projects, ~19%

Civil,

~23%

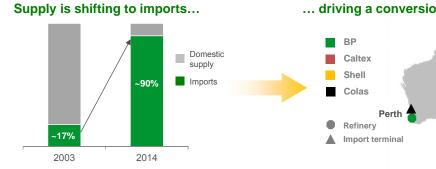


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Participating in bitumen importation early has allowed the business to transition swiftly to an import model





Traditional suppliers are shifting model...

State	Company	Location	Status	Future*	
QLD	BP	Bulwer Island	Exiting bitumen refining	Import	
NSW	Shell	Clyde	Bitumen stripping plant	Import	
	Caltex	Kurnell	Closure announced	Import	
VIC	Shell	Geelong	Bitumen producing	Producing	
	Mobil	Altona	Closure announced	Exited	
SA	Mobil	Port Stanvac	Closed in 2003	Exited	
WA	BP	Kwinana	Bitumen producing	Producing	

* CM&C Management expectations

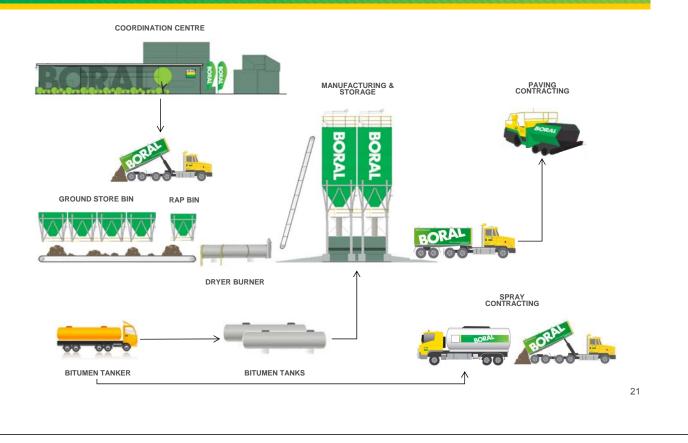
... driving a conversion to terminal assets



...as new players enter the market

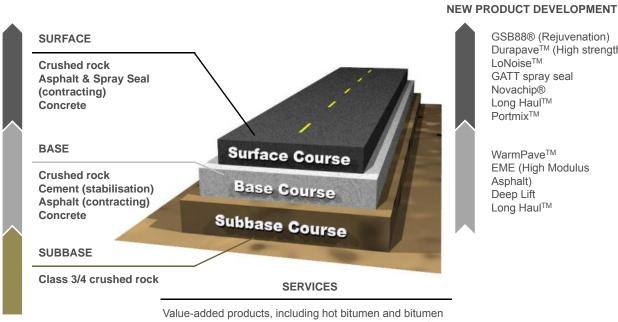


The Asphalt business adds value to our aggregate position through manufacturing and contracting



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Boral supplies / lays most products from subbase to surface course materials and is committed to new product development



emulsions, cutback bitumens, primes and pre-coating fluids Product design and technical development services

Long term maintenance contracts

Durapave[™] (High strength)

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Paving is one component of what we do in the contracting space



PENINSULA LINK

Supply and lay over 400,000 tonnes of asphalt to 27 kilometres of freeway including 11 on and off ramps, 3 freeway to freeway connections and 35 bridges.





SYDNEY AIRPORT

Supply and lay 45,000 tonnes of asphalt covering 255,000m² for the main north/south runway in a time-critical environment.

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Spray Sealing is the other component – approximately 80% of Australia's roads are spray sealed



BITUMEN SPRAYER

The bitumen sprayer delivers a specific type of bitumen and measured application rate based on the specification for the job.





AGGREGATE TOP DRESSING

It is then 'dressed' with an aggregate topping which binds to the bitumen. The surface is then rolled to turn and flatten the aggregates and it is ready to be driven on. A continuous improvement culture targeting excellence in operations and contracting businesses







Contracting Excellence

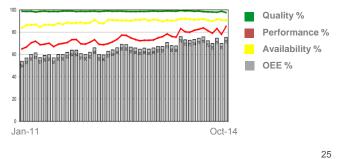


Operational Excellence



Overall Equipment Effectiveness (OEE)

Boral Asphalt (all plants)





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Major projects provide revenue growth opportunities and value to our customers, but need to be well managed

Major Projects can be:	Value to our customers through:	To deliver on Major Projects, Boral has:
 Higher risk and appropriately higher margins 	Strong contracting capability with focus on project management skills and understanding the challenges faced by our customers	 Established Project Management Office National engineering
 Resource intensive High volume, high productivity Technically more complex 	Ability to bundle various construction materials through a large footprint of fixed and mobile assets	 structure Regional major project resources
complexRevenue growth opportunities	Technical superiority through innovative pavement and mix design alternatives	 Contracting Operating Procedure
 Distraction to base business 	Focus on delivering zero harm safety outcomes on projects and sharing lessons across projects	 Strict management and risk processes Bid and delivery governance processes Established risk management process

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Boral provides tailored solutions for large scale, often remote, technically complex projects across Australia



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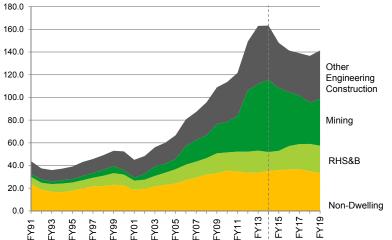
Boral is currently involved in a number of major projects



The pipeline for major projects has peaked as the industry transitions from mining projects to infrastructure projects

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Australian "Major Project" Building Activity Value of Work Done (VWD) (FY12 \$ billion)



- Major building activity has peaked with strong investment in mining
- The transition to infrastructure projects, including RHS&B and Other Engineering, such as rail and harbours, will offset some of the decline in mining projects
- Boral is well positioned to take advantage of the shift to these segments from FY2016

Source: BIS Shrapnel, Other Engineering Construction includes; Railways, Harbours, Water Storage, Sewerage, Electricity, telecommunications RHS&B – roads, highways, subdivisions and bridges

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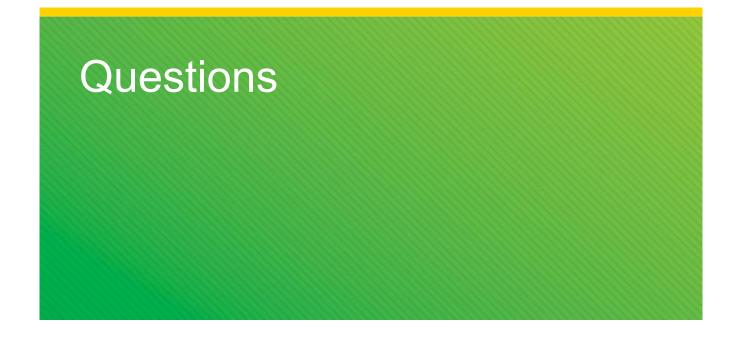
Australia's top 10 infrastructure sector pipeline projects due to commence from 2014 to 2016 (by total project value / cost)

Project	State	Est. cost of project	Status	Owner / Contractor	2014	2017	2020
Westconnex	NSW	\$11.5bn	Committed	RMS			2023
East West Link – Stage 1	VIC	\$6.9bn	Committed	Lend Lease		2	019
Cross River Tunnel	QLD	\$5.0bn	Under consideration	QLD Gov't			2021
Kooragang Terminal Expansion	NSW	\$5.0bn	Under Consideration	Port Waratah		2018	
Pacific Hwy Woolgoolga to Ballina	NSW	\$5.0bn	Committed	NSW Gov't			2027
Northconnex	NSW	\$3.0bn	Committed	Lend Lease			2019
Cranbourne Rail Corridor	VIC	\$2.0bn	Under Consideration	VIC Gov't			2019
Toowoomba Bypass	QLD	\$1.8bn	Committed	QLD Gov't		2018	
Perth Freight Link	WA	\$1.6bn	Under Consideration	WA Gov't			2021
Pacific Hwy Oxley	NSW	\$1.0bn	Committed	Lend Lease		2017	

Source: Access Economics Investment Monitor



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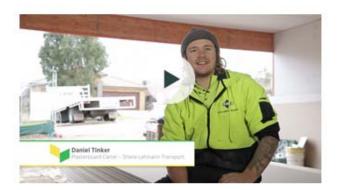
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USG Boral Sheetrock® has been launched



Less weight. Greater strength. Huge impact.

Listen to contractors discuss the positive impact that USG Boral Sheetrock® can have on their business.



Video available on USG Boral website: www.usgboral.com

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JV operations fully integrated, delivering in line with expectations



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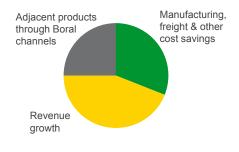
Synergies

 Expect to realise synergies of US\$50m within three years of technology roll-out

Integration costs

 Expect upfront integration expenditure to exceed synergies for first 2 years of JV

Targeted synergy breakdown





US\$50m capital roll-out program ahead of initial plan and within budget

US\$50m capital roll-out program planned over Waves 1-4

Wave 1:

- Launch in initial markets
 - Australia, Korea, Indonesia, Thailand

Wave 2:

- Expand and fill market gaps
 - Australia, China, Vietnam, Indonesia, Export Markets
- Improve product quality

Waves 3 & 4:

Build on success

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Wave 1 roll-out of NextGen technology complete – products launched Sep-Oct 2014

Sheetrock® technology upgrades -

producing up to 15% lighter, higher strength and sag-defying 10mm wall and ceiling boards, and 13mm boards | 2 SKU strategies

- Australia | Pinkenba plant launched Sep 2014
- Thailand | Saraburi plant launched Sep 2014
- Korea | Dangjin plant launched October 2014
- Indonesia | Cilegon and Gresik plants launched Sep 2014 (1 SKU only)





Wave 2 roll-out of NextGen technology has commenced

Sheetrock® Technology upgrades: planned March – September 2015

- Australia: Port Melbourne plant
- Indonesia: Cilegon 1 & 2 plants
- Export markets: Philippines, Cambodia, Laos, Myanmar
- Vietnam: Ho Chi Minh plant
- China: Baoshan & Shandong plants

Integrated marketing programs supporting product launches

- USG Boral corporate brand rolled out
- Sheetrock® product branding launched
- USG Boral website launched in six languages
- Architectural design exhibitions eg. DesignX in Sydney
- Customer training programs
- Customer launch activities / events
- Capturing testimonials / feedback



USG BORAL

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Wrap up



The material contained in this document is a presentation of information about the Group's activities current at the date of the presentation, 25 November 2014. It is provided in summary form and does not purport to be complete. It should be read in conjunction with the Group's periodic reporting and other announcements lodged with the Australian Securities Exchange (ASX).

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