

# OneSteel Steel and Recycling Operational Tour

Thursday 13 September 2012







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# **OneSteel Distribution**

Steve Hamer – Chief Executive Distribution







## **Contents**

- Distribution overview
- Market conditions & external factors
- Distribution performance
- Distribution strategy
- Welcome to the Australian Reinforcing Company





## Arrium business structure







# FY12 segment structure

Mining	Mining Consumables	Steel & Recycling		
		Manufacturing	Australian Distribution	Recycling
Iron ore mines	Moly-Cop	Whyalla Steelworks	ARC - Australian	Australian Recycling
Middleback Ranges	Australasia	Structural Rolling Mills	Reinforcing Company	International Recycling
DSO	North America	Rail Products Facilities	OSR - OneSteel	Asia
Pellet plant	South America	Iron & Steelmaking	Reinforcing	USA
Southern Iron	AltaSteel	Laverton Steel Mill	Merchandising	
DSO	Waratah Steel Mill	Sydney Steel Mill	Metaland Steel & Tube	
Dolomite mines	Electric Arc Furnace	Wire Mills		
Port operations	Bar Mill, Rail & Forge	Newcastle Rod Mill		
. or operations	Wire Ropes	Australian Tube Mills		

New Zealand Distribution segment not shown (represents OST's 50.3% shareholding in Steel & Tube Holdings Limited)



## Business structure

Onesteel distribution

Predominantly source from OneSteel Manufacturing

Mainly source from OneSteel Manufacturing

Independent sourcing

OneSteel Reinforcing

**ARC** 

Metaland | Steel & Tube

Merchandising

Two separate and successful, competing reinforcing businesses, extracting value through the OneSteel Steel in Concrete channel

Think nationally, act locally, extracting value through the OneSteel ASI (Australian Steel Institute) channel

A true portfolio of businesses, each with their individual business model, value proposition and strategy



## Steel in concrete

- Operate as two separate competing businesses ARC and OneSteel Reinforcing
- Key Features:
  - Serve construction customers directly
  - Process rebar to order
  - Manufacture and distribute reinforcing mesh
  - Broad customer base from small to large
  - Large footprint
  - Also serve mining and industrial mesh markets



Revenue of ~\$600M

Headcount 900

Sites 40



Revenue of ~\$550M

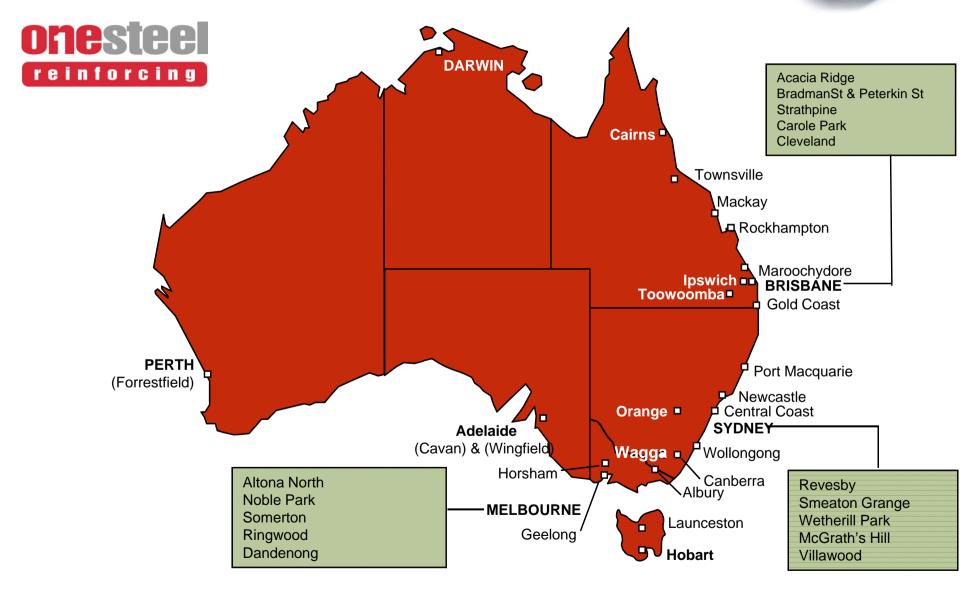
Headcount 800

Sites 40



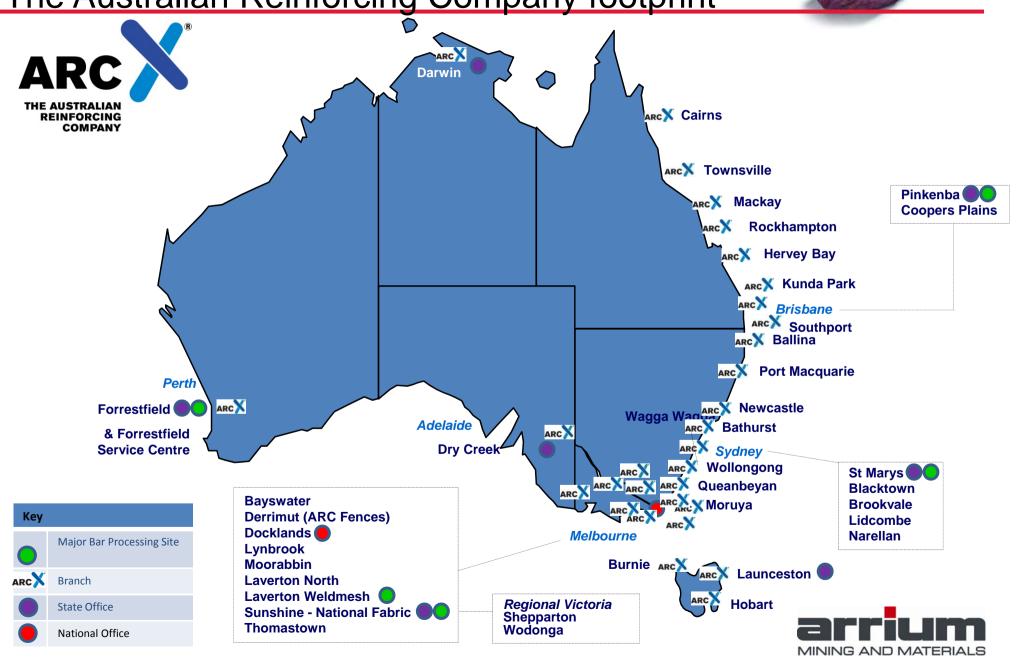


## OneSteel Reinforcing footprint





The Australian Reinforcing Company footprint





## Metaland | Steel & Tube

## Key Features:

- Delivers a wide range of long and flat steel products and associated processing
- Serves a broad range of market segments
  - Construction
  - Manufacturing
  - Mining
  - Rural

- Split into large projects and unplanned distribution
- Large customer base and footprint
- Revenue of ~\$800M
- Headcount 950
- Sites 77





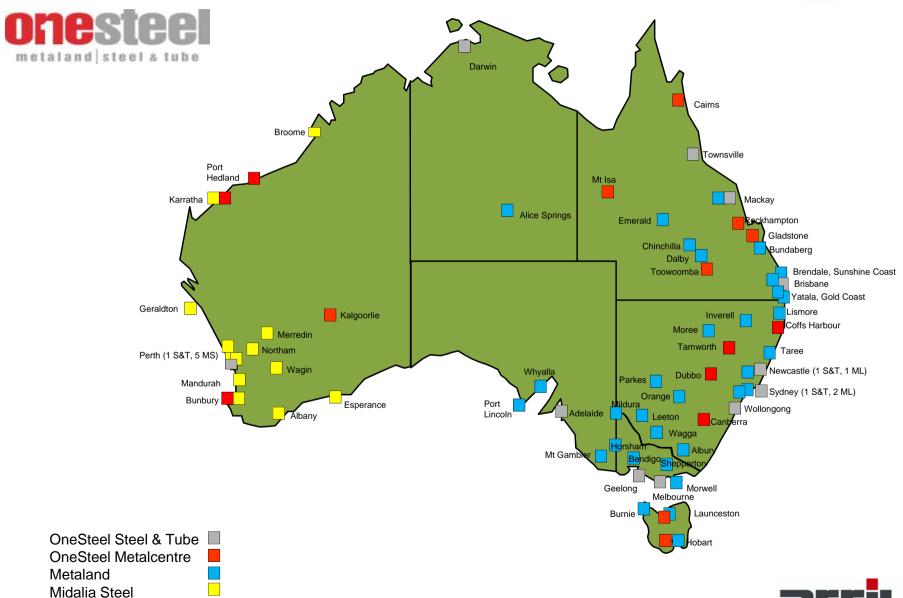








## Metaland | Steel & Tube footprint





## **OneSteel Merchandising**

- Manufacture, process and distribute a broad range of metal products
- Key Features:
  - Sources externally to OneSteel
  - Serve a broad range of market segments in construction and manufacturing
  - Non-integrated
  - Portfolio of businesses
  - Revenue of \$600M
  - Headcount 400
  - Sites 21









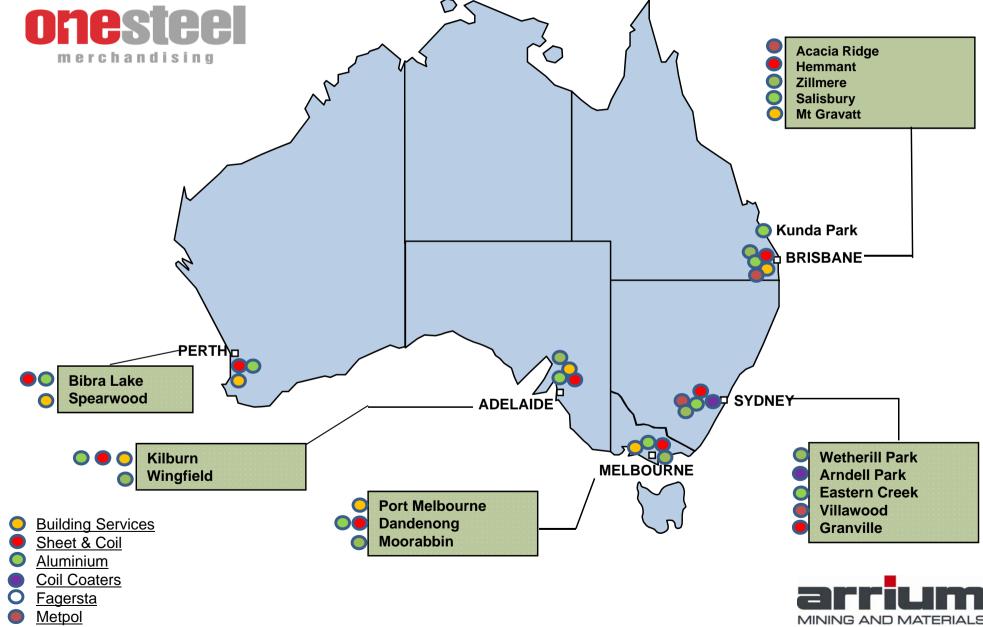






## OneSteel Merchandising footprint









## Distribution – Who we are

We are a broad based portfolio of distribution businesses that use expertise in selling, logistics, supply chain and processing to deliver a safe, fast, flexible and reliable product and service offer to all Australian customers of steel products.



## Distribution – Our value proposition

- We have leading market positions and brands in most segments
- We have the most extensive footprint of facilities allowing product and service to all regions of Australia
- Our facilities and market positions allow us to tailor offers to service all customers from the smallest to largest
- We are responsive

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- Local and empowered management
- Part of a value chain in which the customer is respected
- We help mitigate our customer risks
  - Full control of our end to end supply chain
  - 'Sprint' capacity to meet market variations
  - Product consistency and adherence to standards
  - · Promises made within our capacity to achieve
- We offer security of supply
  - Long term industry involvement
  - Significant level of investment
- We use our supply chain expertise in combination with our local and overseas suppliers to add non-integrated products to our value proposition



## Key drivers of business performance - External

- The main drivers are domestic market conditions in -
  - Construction non-residential, engineering, home-improvement, residential
  - Rural
  - Mining
  - Manufacturing, including automotive
- Impacted by -
  - Government funded infrastructure
  - Resource investment
  - Private development
  - Availability of cash and credit
  - Population growth
  - Unemployment rates and trends
  - Interest rates
  - Freight costs





## Key drivers of business performance - Internal

- We need to understand our markets and customers such that we can tailor and deliver valued product, service and solution offers and deliver these effectively and efficiently
- Have a strong selling capacity
  - Being local, there and ready to listen
  - Being willing to respond

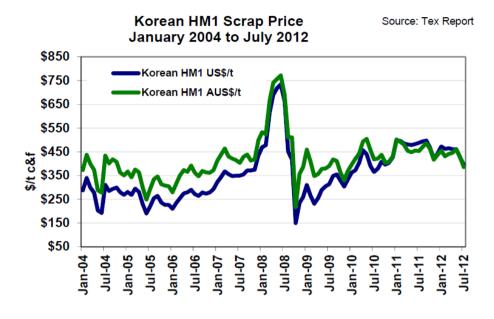
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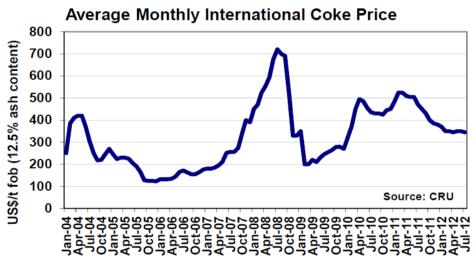
- Being part of the Australian industry
- Assisting customers manage their risk by having an ability to accurately respond to opportunities with a reliable offer across a complex set of sourcing options
- Using a variety of business models enacted through decentralised leadership
- Maintaining a competitive cost position in terms of product and cost to serve
- Being knowledgeable of the product, its applications, end-use markets and global trends



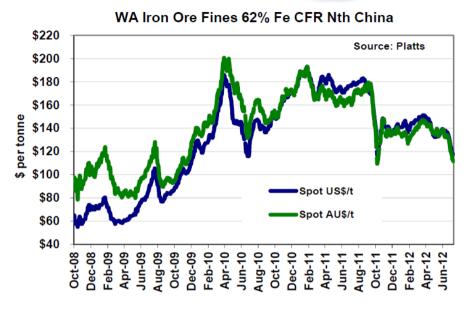


## Market conditions and external factors





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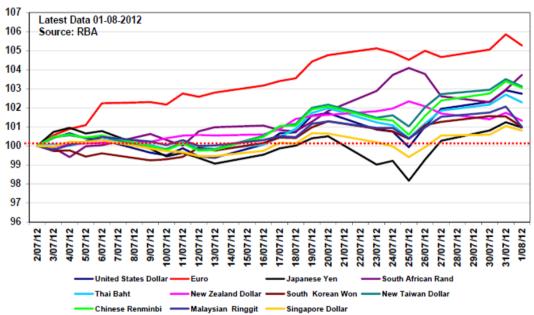


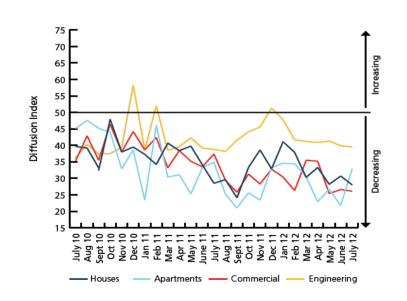
AFFILIM MINING AND MATERIALS

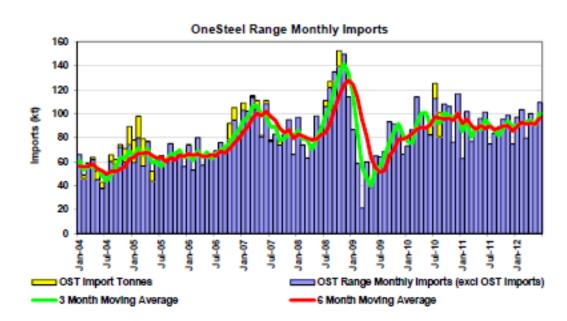


## Market conditions and external factors

#### Selected Currencies v AUD - Since July 2012









## Market conditions and external factors

## International

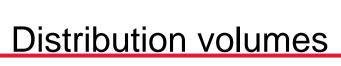
- Steel input costs, coking coal and iron ore recently fallen to low levels but expected to rebound
- Scrap declined in quarter 4 FY12 and is recovering
- Input price volatility remains

#### **Domestic**

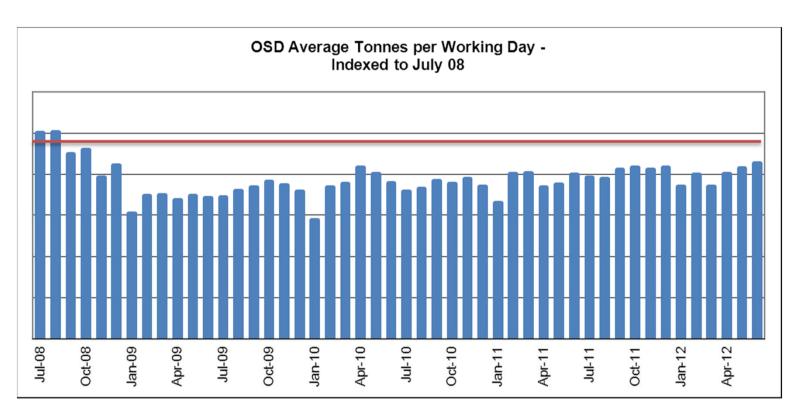
- Resource sector projects solid through 2013
- Engineering construction also solid mainly with healthcare and roads
- Non residential sector is weak with tight credit availability
  - Barangaroo the major project to start in 2013
- Residential stand alone dwellings at record low levels with Victoria easing
- Rural is reasonably strong

#### Overall

 Volumes have picked up since the wet summer and are expected to hold flat at the higher levels through FY13







Benchmark comparative line is based on average volumes for the period from Jul '07 to Mar '08 indexed (excludes Oil & Gas)



## FY12 OneSteel Distribution results<sup>1</sup>

	FY12 \$m	FY11 \$m		% change	
Total revenue/income	2,436	2,439	-	-	
EBITDA	18	40	$\downarrow$	(55)	
EBIT	(10)	10	$\downarrow$	(197)	
Sales margin	(0.4%)	0.4%	$\downarrow$	(0.8)pts	
Assets <sup>2</sup>	1,305	1,485	$\downarrow$	(12)	
Funds employed <sup>2</sup>	989	1,134	$\downarrow$	(13)	
Return on funds employed <sup>2</sup>	(0.9%)	0.9%	$\downarrow$	(1.8)pts	
Employees (number)	3,058	3,498	$\downarrow$	(13)	
External steel tonnes despatched	1.39mt	1.33mt	<b>↑</b>	5	

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MINING AND MATERIALS

<sup>2</sup> FY12 assets and funds employed comprised of balances from continuing operations only.



## Distribution response

## Costs & Balance Sheet Initiatives

- We have significantly reduced costs throughout 2012
- We have achieved a lower cost to serve
- The latest fixed cost review concentrated on reducing and simplifying support services
- We have closed 15 sites in low growth areas last year (28 over the last 2 years)
- Sale of Piping Systems (total proceeds from business and land sales ~\$100M)
- Closure of Oil & Gas Pipe business
- Reduction of 320 FTE's (excluding Piping Systems employees).
  - Saving ~\$30M annualised
- Significant run down in inventory during 2012





## Distribution response

#### Market

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- We continue to build organisational capability around the key themes of
  - Knowing when and how to compete
  - Focusing on the customer
  - Utilising our competitive advantages
  - Simplifying our support processes to allow increased focus on extracting value from the market
- Actively lifting pricing margins according to
  - Our market strategy
  - Environmental factors
  - And a deep understanding of market conditions
- Redeploying resources from low growth areas to high areas of growth
- Continuing to differentiate our product and service offers

"We believe we are the best full range local distributor and have an improving model against importers"



## Summary

- Market continues to be impacted by mainly weak domestic activity
  - Non residential construction
  - Residential construction
- However, a number of major projects are currently being supplied in
  - Roads
  - LNG
- Some further projects are available in the resources and health care segments
- Volumes have improved and are expected to hold for the financial year
- Rebar order book continues to build and is 17% larger than 2011. A measure of the strength of civil construction and the current project pipelines
- Significant leverage to improved demand and lower AUD







# Some OneSteel Distribution major projects – current or awarded







### **NSW**

- Park Lane One Central Park
- Sydney University
- Barangaroo
- Northern NSW Pacific Highway upgrades

### **QLD**

- Wiggins Island Coal Terminal
- GLNG Curtis Island
- APLNG Project

## VIC

- Emporium
- Craigieburn Rail Maintenance Facility
- Cancer Hospital

### SA

- Adelaide Hospital
- Elevated Roadway

### WA

- Solomon Dry Plant
- Finucane Island Port Expansion
- Chevron George Tie-in Steel

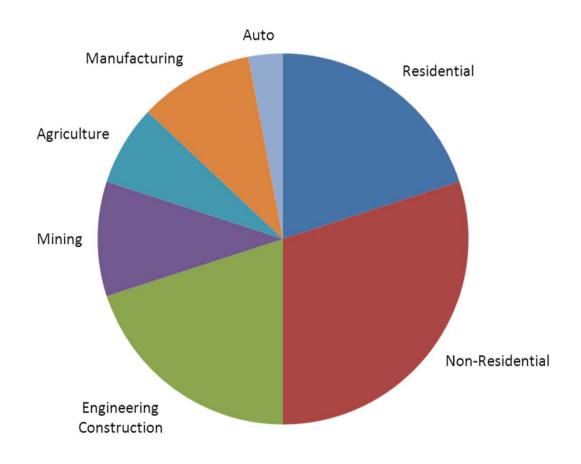






## OneSteel Distribution domestic segments

### **Indicative FY12 Market Segment Profile**





## Reconciliations

Reconciliation of segment underlying results from continuing operations to total consolidated segment results\*

	Underlying results					
	2012			2011		
	Continuing	Discontinued	Total	Continuing	Discontinued	Total
MANUFACTURING	operations	operations	segment	operations	operations	segment
Total Revenue/Income	2,589.4	8.2	2,597.6	2,418.2	7.7	2,425.9
EBITDA	53.2	(8.1)	45.1	(75.4)	(11.2)	(86.6)
EBIT	(40.0)	(9.9)	(49.9)	(172.0)	(12.6)	(184.6)
Sales Margin (EBIT)(%)	(1.5%)	(121.2%)	(1.9%)	(7.1%)	(162.8%)	(7.6%)
Assets	2,323.0	-	2,323.0	2,594.5	-	2,594.5
Funds Employed	1,822.4	-	1,822.4	2,042.1	-	2,042.1
Return on Funds Employed (%)	(2.1%)	-	(2.6%)	(8.4%)	-	(9.0%)

	Underlying results					
	2012			2011		
	Continuing	Discontinued	Total	Continuing	Discontinued	Total
AUSTRALIAN DISTRIBUTION	operations	operations	segment	operations	operations	segment
Total Revenue/Income	2,285.6	150.0	2,435.6	2,191.2	247.4	2,438.6
EBITDA	32.4	(14.6)	17.8	38.6	1.0	39.6
EBIT	6.1	(16.0)	(9.9)	11.0	(0.8)	10.2
Sales Margin (EBIT) (%)	0.3%	(10.7%)	(0.4%)	0.5%	(0.3%)	0.4%
Assets	1,305.2	-	1,305.2	1,485.1	-	1,485.1
Funds Employed	989.2	-	989.2	1,133.6	-	1,133.6
Return on Funds Employed (%)	0.6%	-	(0.9%)	1.0%	-	0.9%

<sup>\*</sup>Underlying results for the Mining, Mining Consumables and Recycling segments are from total operations which are equivalent to the underlying results from the continuing operations of each segment. Segment underlying results from continuing operations are equivalent to those reported in the 2012 Full Year Financial Report.





# OneSteel Manufacturing Leo Selleck – Chief Executive OneSteel Manufacturing





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- I DEISONA

- OneSteel Manufacturing overview
- Focus and deliverables
- Value proposition and key drivers of performance
- FY12 performance overview
- Cost and operational improvement
- Management focus FY13
- Summary
- Appendix product range





## Overview

- The OneSteel Manufacturing segment comprises the following business units:
  - Whyalla Manufacturing (excludes Mining)
  - Rod and Bar
  - Wire

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- Australian Tube Mills
- All of OneSteel Manufacturing production facilities are located in Australia





## Business unit overview\*

- Total Sales tonnes ~2.2MT
- Over 3,000 employees
- Over 1,000 customers
- 11 sites in Australia

- 50% sales internal to OneSteel Distribution
- Major Raw Materials: Onesteel Recycling Scrap, Arrium Pellet/Ore, External Scrap, External Coal, External HRC

#### Whyalla

- Blast Furnace
- Basic Oxygen Steelmake (BOS)
- Combi-Caster
- Billet Caster
- Structural Mill
- Rail

#### **Rod and Bar**

- Sydney EAF
- Laverton EAF
- Sydney Bar Mill
- Newcastle Rod Mill
- Laverton Bar Mill
- Laverton Rod Mill
- Newcastle Conti-Stretch facility

#### Wire

- Newcastle Wire Mills
- Geelong Wire Mill
- Jindera Wire Mill

#### **Tube Mills**

#### **Structural Mills**

- Acacia Ridge Tube Mills
- Somerton Tube Mills
- Newcastle Tube Mills

#### **Precision Mills**

- Sunshine Tube Mill
- Kwinana Tube Mill

#### **Products Produced:**

Blast Furnace - Iron

**BOS** - Liquid Steel

Combi-Caster - Slab

**Billet Caster** – Billets (inc specials)

**Structural Mill** – Hot Rolled Structurals

Rail – Head Hardened, Plain Carbon and Sleepers

#### **Products Produced:**

**EAFS** – Billets

Bar Mills – Merchant Bar (rounds, angles, channels, flats, squares), Reinforcing bar and Roof bolt

Rod Mills – Reinforcing rod, rod for wire, small rounds, coiled and straight rod, Conti-Stretch rod coils

#### **Products Produced:**

Manufacturing wire

Rural posts and fencing

Wire ropes feed

Steel in Concrete wire

#### **Products Produced:**

Structural pipe and RHS

Precision tube





## Key markets, products and brands

Market	Products
Steel in Concrete	Reinforcing bar, reinforcing mesh, reinforcing wire, continuously-stretched rod coil
Distribution/ASI	Hot rolled structural and merchant bar
Mining	Grinding bar
Structural & Precision Tubing	Structural pipe and tube, precision tube
Rail and Sleepers	Plain carbon rail, head hardened rail and steel sleepers
Rural	Fencing wire, posts and accessories
Manufacturing	Various bar, rod and wire products

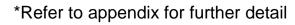








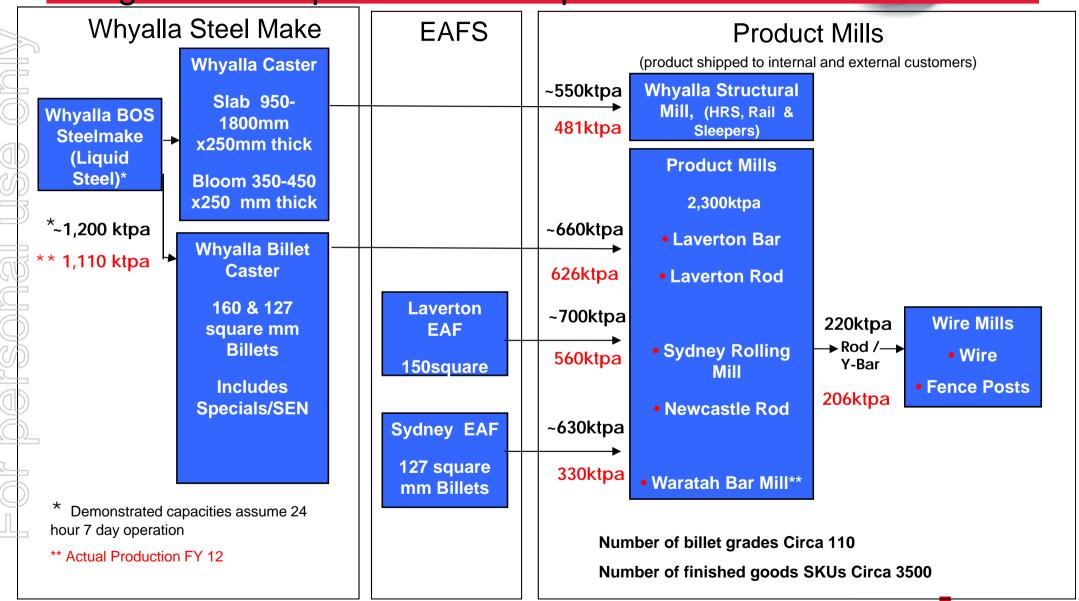








Integrated steel product flow map



<sup>\*</sup> Note FY12 Whyalla BOS Steelmake actual production effected by the BF Reline July 11 of ~60kt

<sup>\*\*</sup> Note Waratah Bar Mill forms part of the Mining Consumables business however bar product is toll processed for OneSteel Manufacturing MINING AND

<sup>\*\*\*</sup> Note the above product flow map excludes the non-integrated Tube Mills business



# Focus and deliverables

# Strategic deliverables

- Customer/market
  - To have value propositions in our long products suite that are superior to our customers' next best alternative and deliver excellent customer outcomes against these promises.
  - To hold or grow volume through share growth in a competitive international environment
  - Maximise new revenue growth opportunities (e.g. Natsteel)
- Costs and cash
  - Lower our total delivered costs so that we compete effectively.
  - Continue to reduce Working Capital and keep capital expenditure to ~50% of depreciation
- Organisational capability
  - Build an organisation of capable people committed to delivering business outcomes
- Safety

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 Reduce significant High Potential events by increasing capability to recognise, assess and manage risk whilst reducing MTIFR by 30% year on year. Increasing leadership and employee accountability to ensure appropriate safety standards are implemented and adhered to is a key focus area



# Our value proposition

- We offer a fast, flexible and reliable value proposition to our customers when compared with importers. Our target aim is for 95% difot performance across our segments reliably
- As Australia's leading long products producer we can provide local service and advice
- Complete long products product range, leading market positions and brands
- Wholly owned value chain raw materials through to end customer which enables superior customer delivery and reliability
- Ability to flex production between EAF and Integrated
- Ability to meet tight standards and specifications
- National supply chain network

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- Flexibility in product manufacture ability to roll specialised lengths to meet our customers needs
- Core metallurgical expertise ability to produce specialised steel grades
- In-house structural engineering team who work closely with customers to optimise steel design to align with core customer outcomes





# Key drivers of business performance

# External

Delsonal use

- Domestic market conditions construction, mining, rural, rail and manufacturing
- Economic variables including FX rate, scrap, coal, iron ore, alloys and utilities
   e.g. electricity and natural gas, interest rates
- Timing and size of large infrastructure projects
- International market conditions and steel supply/availability especially in SE Asia and recently Europe
- Import pricing
- Availability of cash and credit to our customers
- Freight costs
- Importation of prefabricated components
- Australian seasonal impacts on construction and rural markets
- Tax environment new home buyers grants, depreciation allowances, antidumping, Carbon Tax





# Key drivers of business performance

# Internal

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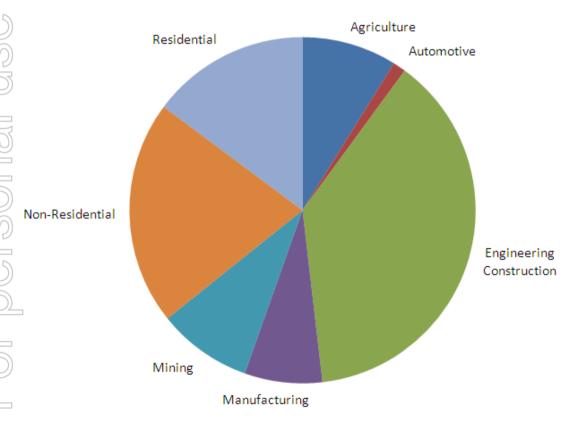
- Living the two Arrium core values of Safety and Customer
- Superior value propositions superior service, solutions, delivery and understanding of our customer needs
- Price management including the flow through of raw material cost movements
- Operational excellence throughput rates, reliability/availability and yields
- Cost management labour productivity, overhead management, R&M, sourcing and procurement strategies
- Supply chain management ability to accurately forecast future sales, match our footprint with demand, adhere to production schedules and deliver on time across the value chain
- Cash management capital expenditure and working capital ratios
- Organisational effectiveness and people capability



# Key market drivers

Manufacturing domestic sales by market segment





~75% of Manufacturing revenue is driven by construction

Residential, non-residential and engineering construction (incl. mining investment) drives demand for reinforcing bar and wire, rod for mesh, structural pipe, HRS and rail

Agriculture drives demand for rural wire, rural posts and rural pipe products

Mining production drives demand for grinding bar which is feed for grinding media

Manufacturing has limited exposure to automotive and manufacturing segments

Total sales tonnes FY12 approx 2.2MT including ~75kt of export

<sup>\*</sup> Based on FY12 estimate



# FY12 performance overview\*

# **Safety**

- Good performance in ATM / Wire / Laverton businesses
- HPIs being observed and resolved in a systemic way

# **DIFOT / Forecast Accuracy**

- Improved difot with record low working capital at June 12
- Improved forecast accuracy has led to improved supply chain and working capital management

## **Sales Volumes**

 Sales revenue up 7% from FY11 to \$2,598m in FY12 – improved volumes off a low base

# **Margins**

 Overall finished goods sale prices versus raw material movements were unfavourable driven by a stronger AUD/USD X-rate in FY12 and higher raw material costs

## **Market and Customer**

NatSteel/Best Bar appointed as a distributor Q1 FY13

# **Operations**

- Sound operations, optimised facility manning, and lower conversion costs in most areas
- Blast furnace operating well

### **Costs**

- Significant reduction in operating costs, overhead and yield/raw material improvements FY12 vs FY11
  - \$21m in labour costs (~\$45m annualised 407 FTEs)
  - Australian Tube Mills transformation
  - LST/USA closure
  - Reliable operations
  - Facilities crewing resized for market demand

## **Financials**

- FY12 underlying EBITDA \$19m loss vs \$87m loss FY11
- +\$19m underlying EBITDA H2 FY12
- A \$57m EBITDA turnaround from H1 12 underlying EBITDA of negative (\$38m) driven mainly by cost reductions
- Record low working capital days and dollars

# **Organisational Development**

- New lead team in place
- OneSteel Operating System gaining traction



FY12 underlying EBITDA result of negative \$19m remains an unacceptable and unsustainable result

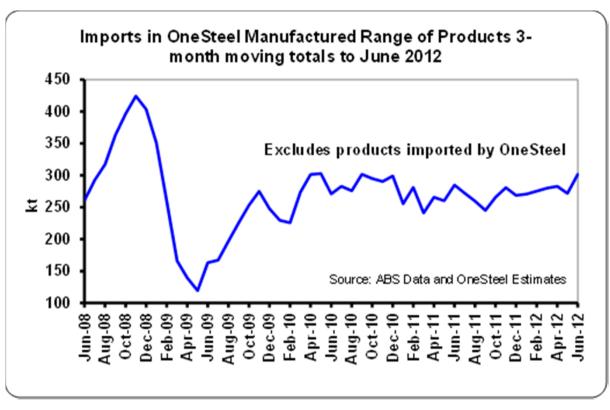
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# Australian steel imports







# Major costs FY12



- Scrap
- Coal
- Hot roll coil
- Ore
- Labour
- Freight
- Utilities
- Repairs and maintenance
- Operating materials
- Alloys

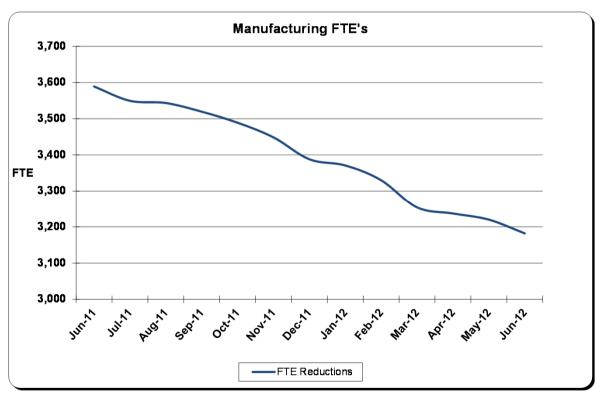




# FY12 cost initiatives

# Major cost reduction areas FY12:

- Operational cost and yield savings
- Raw material usage and mix
- Procurement and sourcing initiatives
- Labour
- R&M



•407 FTE reductions including contractors completed by June 12 delivering \$21m in FY12 (\$45 million annualised)









# Cost and operational improvements

- Manufacturing has undertaken a comprehensive review of its facilities and footprint focusing on:
  - Opportunities to improve returns by closing unprofitable businesses or resetting the fixed cost base
  - Realigning capacity and footprint to changing market volumes and conditions
  - Opportunities to generate cash
- Decisions to divest, rationalise or close various businesses
  - LiteSteel<sup>TM</sup> Technologies closures, USA and Australia
  - Reduced crewing levels across Rod & Bar
  - Tube Mills transformation plan
  - Various property sales in progress or underway
- Focus for integrated value chains shifting to improving product portfolio & segment returns and reducing complexity
  - Increasing available market volume (e.g. NatSteel & Best Bar supply)
  - Improving business alignment through integrated value chains and market channels
  - Removing unprofitable product and service complexity
  - Further resetting of cost structures to available market premiums by segment underway



# FY12 cash management

- Debtors
  - Continued improvement in debtor days in FY12. No material bad debts
- Creditors
  - Continued improvement in creditor days in FY12 driven by improvements in purchasing systems and adherence to purchasing policies
- Inventories

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- Total OneSteel Manufacturing inventories during 2012 were the lowest on record for existing footprint as a result of improved supply chain management and operational reliability
- Net working capital
  - Total OneSteel Manufacturing net working capital lowest on record for existing footprint
- Capital expenditure
  - Total OneSteel Manufacturing capital spend of \$48m approx. 50% of depreciation



# EAF utilisation

# **FY12**

•Production levels at the Sydney and Laverton electric arc furnaces were slightly higher in the second half compared to the first half, but down compared to the prior corresponding period due to increased production at Whyalla. Average capacity utilisation for the EAFs was approximately 67%. Steelmake was 890 thousand tonnes for Sydney Steel Mill and Laverton for the year. In Whyalla, steelmake increased to 1.11 million tonnes compared to 910 thousand tonnes for the prior corresponding period largely as a result of the impact of the blast furnace repair work in the prior year

# **FY13**

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 Production levels at the Sydney and Laverton electric arc furnaces are expected to be approx 470kt for H1 13 and Whyalla Steelmake approx 570kt for H1 FY13





# Management Focus FY13

# Safety

- Focus on middle and lower management leadership skills and capability
- Embedding RAM principle (Risk, Assess, Manage) at all levels
- Behaviour positive/negative consequences

## **New Revenue**

- Maximise NatSteel opportunity
- Leverage opportunities from the complexity review
- Leverage channel opportunities with OSD
- Price and margin management

# Customer

- Forecast accuracy/demand planning improvements
- Focus on big D Difot
- Cross business OSD/OSM planning improvements

## **Costs**

Major cost reduction projects include:

- Labour reductions
- Raw Material usage & energy
- Procurement
- Capital expenditure benefits
- Freight
- R&M
- Complete balance of ATM Transformation
- Overhead cost reduction review

# **Portfolio Management**

Product and Markets Complexity Review

# Cash

- Further working capital reductions driven by improved planning
- Property Sales
- Capital spend range \$40 to \$45m continuing 50% depreciation



# Summary

- We recognise that good gains have been made recent times but returns and cash generation remain unacceptable
- We need to sustain lowered fixed cost base and pursue further opportunities to reduce costs by removing complexity & waste and improving manufacturing reliability and our supply chain
- We need to sustain recent working capital improvements while improving customer service and continue low levels of capex (~ 50% of depreciation)
- We need to maintain and improve market share by offering customers better value than our competitors
- We need to continue to improve in the areas of our two core values Safety and Customer
- Significant leverage to improved demand and lower AUD









# Market – Hot Rolled Structural & MeBar

# **Sectors**

- Engineered construction
- Residential construction
- Non-residential construction
- Transportation
- Automotive
- Original equipment manufacturers
- Rural
- Mining









# Market - Hot Rolled Structural & MeBar

- Industrial Buildings
- Mining Investment
- Infrastructure
- Multi-story buildings
- Retail Outlets
- Airport terminals, Hospitals
- Stadiums
- Schools







# Market - Steel in Concrete

# **Sectors**

- Engineering construction
- Residential construction
- Non-residential construction



- Roads, bridges, tunnels
- Houses, units
- Warehouses, shopping centres, factories
- Accessories
- Concrete pipes
- Railway sleepers







# Market - Mining



or personal

# Sectors

- Coal open cut & underground
- Metalliferous

- Dragline & shovel ropes
- Strata control bolts & mesh
- Cable belt & rollers
- Overland conveyors
- Ore processing





# Market - Manufacturing

# Sectors

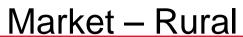
- Spring
- Welding
- Bedding
- Fabrication
- Transport
- Fasteners

- Rail clips & general springs
- Welding electrodes/wire
- Mattresses
- Screens, grating, sheds
- Truck trailers, tow bars
- Nails & fasteners
- Shelving









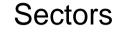










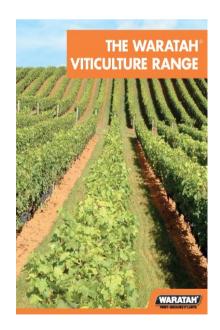


- Livestock
- Horticulture
- Industrial
- Hardware



- Farm fencing
- Cattle, sheep & horse fencing
- Feral animal fencing
- Trellising posts & wire
- Fencing & trellising accessories
- Grain storage











# Market - Structural and Precision Tubing

# Sectors

- Engineered construction
- Residential construction
- Non-residential construction
- Transportation
- Automotive
- Original equipment manufacturers
- Rural
- Mining

- Houses
- Bridges
- Multi-story dwellings
- Airport terminals
- Stadiums
- Schools









# Market - Rail and Sleepers

# Sectors

- Freight
- Mining
- Passenger
- Rural (Grain)
- State and Federal Governments
- Local rail operators





# End use applications

Railways

-Or personal use

- Turnouts
- Passenger lines
- National freight corridors
- Heavy haul lines
- Stabling yards









# Reconciliations

Reconciliation of segment underlying results from continuing operations to total consolidated segment results\*

	Underlying results						
	2012			2011			
	Continuing	Discontinued	Total	Continuing	Discontinued	Total	
MANUFACTURING	operations	operations	segment	operations	operations	segment	
Total Revenue/Income	2,589.4	8.2	2,597.6	2,418.2	7.7	2,425.9	
EBITDA	53.2	(8.1)	45.1	(75.4)	(11.2)	(86.6)	
EBIT	(40.0)	(9.9)	(49.9)	(172.0)	(12.6)	(184.6)	
Sales Margin (EBIT)(%)	(1.5%)	(121.2%)	(1.9%)	(7.1%)	(162.8%)	(7.6%)	
Assets	2,323.0	-	2,323.0	2,594.5	-	2,594.5	
Funds Employed	1,822.4	-	1,822.4	2,042.1	-	2,042.1	
Return on Funds Employed (%)	(2.1%)	-	(2.6%)	(8.4%)	-	(9.0%)	

	Underlying results					
	2012			2011		
	Continuing	Discontinued	Total	Continuing	Discontinued	Total
AUSTRALIAN DISTRIBUTION	operations	operations	segment	operations	operations	segment
Total Revenue/Income	2,285.6	150.0	2,435.6	2,191.2	247.4	2,438.6
EBITDA	32.4	(14.6)	17.8	38.6	1.0	39.6
EBIT	6.1	(16.0)	(9.9)	11.0	(0.8)	10.2
Sales Margin (EBIT) (%)	0.3%	(10.7%)	(0.4%)	0.5%	(0.3%)	0.4%
Assets	1,305.2	-	1,305.2	1,485.1	-	1,485.1
Funds Employed	989.2	-	989.2	1,133.6	-	1,133.6
Return on Funds Employed (%)	0.6%	-	(0.9%)	1.0%	-	0.9%

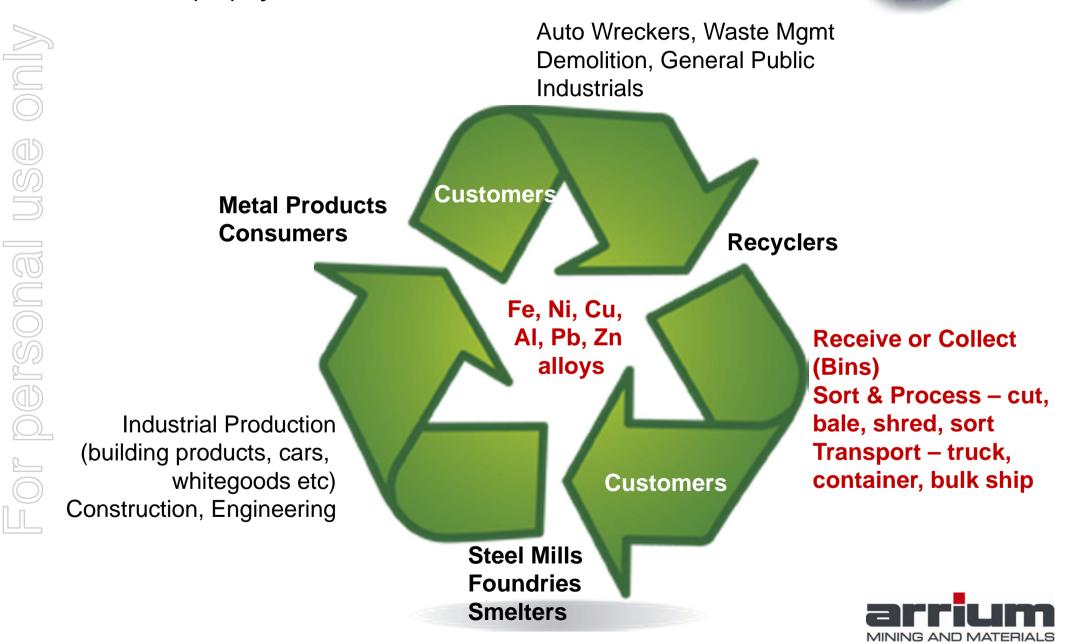
<sup>\*</sup>Underlying results for the Mining, Mining Consumables and Recycling segments are from total operations which are equivalent to the underlying results from the continuing operations of each segment. Segment underlying results from continuing operations are equivalent to those reported in the 2012 Full Year Financial Report.



# OneSteel Recycling Geoff Feurtado – Chief Executive Recycling

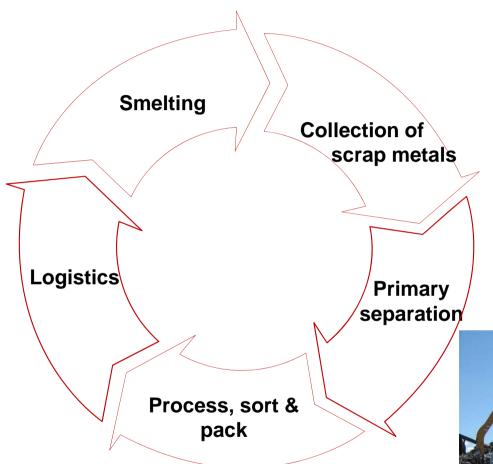


# Metals (re)cycle



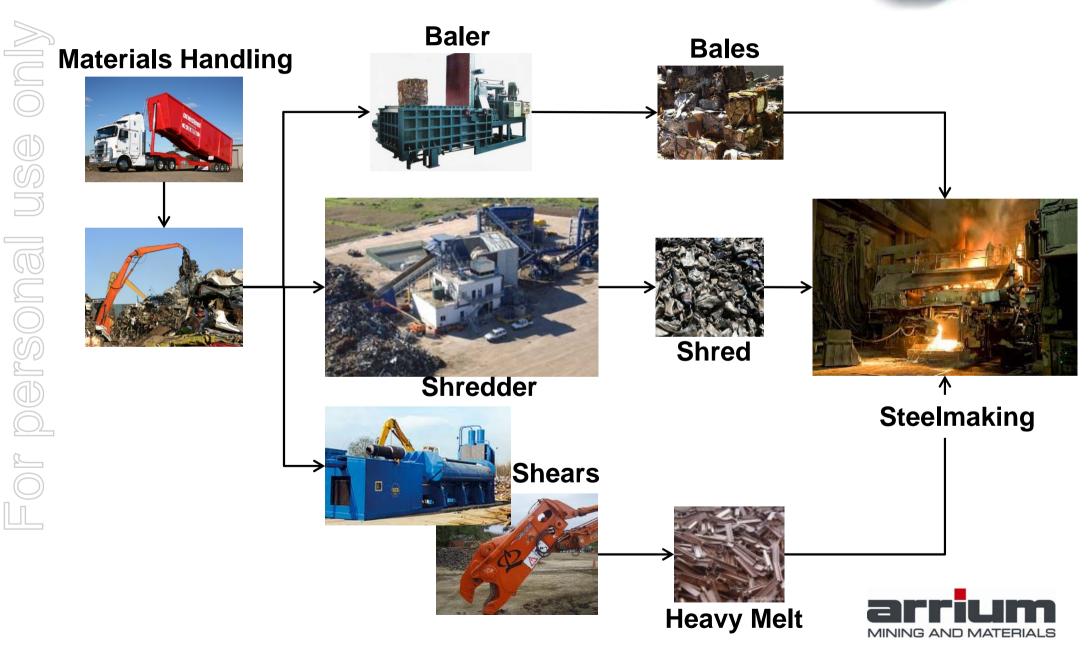
# OneSteel provides a full metal recycling circuit







# Ferrous scrap flow



# OneSteel Recycling has a comprehensive business matrix

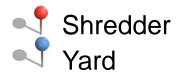
	Australia/NZ	US NE	US SE	Asia
Ferrous	✓	✓	✓	✓
Shredders	x5	-	x1	1 x JV
Local Customers	Steel Mills	Recyclers	Steel Mills	Steel Mill
<b>Export Customers</b>	SE Asia	-	Turkey & Asia	-
Export Method	Bulk Ship Containers	-	Bulk Ship	-
Non Ferrous	✓	✓	✓	✓
Products	All plus Zorba	All	All plus Zorba	SS & Cu
Export Method	Containers	Containers	Containers	Containers
Trading				Hedged Brokerage



# OneSteel Recycling has a national footprint







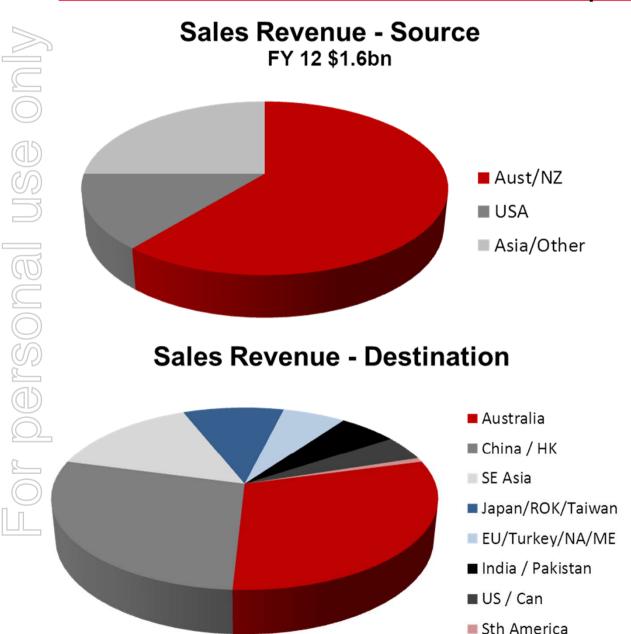


# An international footprint aligned to key source and demand markets





# Revenue source and destination profile



# Alignment to key markets

- Australia → Asia
- Australia → Downstream Mills
- US East Coast → Turkey
- Global trading presence
- Asian trading hub
- Asian physical presence





# **Business Environment**

# Macro

- Deterioration in sentiment driven by reassessment of global growth prospects
  - EU debt, US recovery rate
  - China moving to sustainable growth
- Domestic economy experiencing cyclical lows in key segments

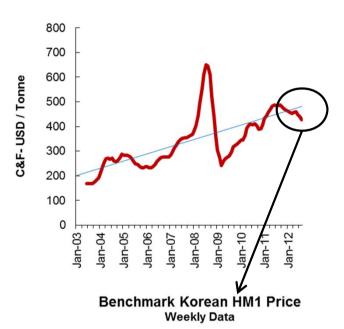
# Industry

- Tight supply of scrap metals
  - · 4 years of slower consumption reducing obsolete goods flow
  - Rationalisation of industrial activity
  - Reduced infrastructure/construction spend
- Recycling industry emerging in Asia
- Increasing use of containers for ferrous scrap transport



# A long term positive picture for ferrous scrap prices but currently impacted by difficult economic conditions

# Benchmark Korean HM1 Price 6 month moving average + linear trend





# Positive long term trend, long term outlook remains favourable

Uncertain short term outlook, stalled market

# Negative price pressures

- EU and US economic pressures, China correcting
- Falling finished goods demand & Chinese exports drive falling steel prices
- Spot iron ore and coking coal price weakness
- EU scrap exports competing for markets

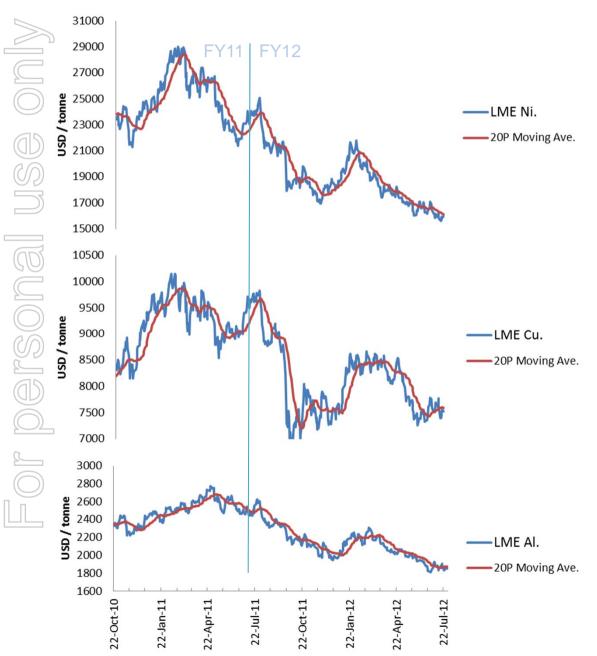
# Positive price pressures

- Tight source supply as 4 years of reduced consumer activity (cars, whitegoods etc) impacts the supply chain
- Benign US winter pulled supply forward exacerbating current tightness in US
- Northern winter seasonality usually felt in Q3





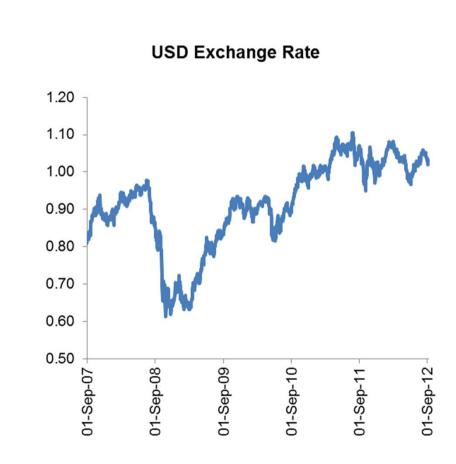
# Non ferrous markets track economic sentiment



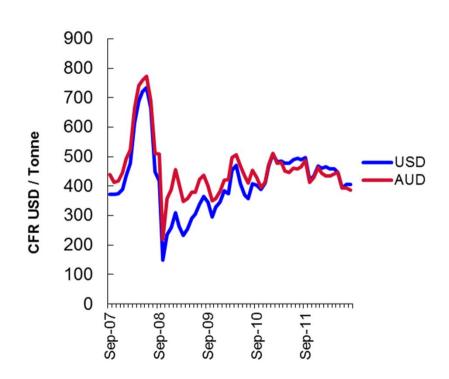
- Major markets trending down as they react to a slowing economic growth
- Sustainable growth levels in China and recovery in the EU and US suggest long term prospects remain positive
- Ni price overlays general uncertainty in stainless steel markets



# A strong AUD has diluted USD earnings



# Benchmark Korean HM1





# Different circumstances are playing out in key regions

# Australia

- Ongoing shake out of industrial production
- Domestic steel mills contracted
- Tightening of scrap supply
- Containerised scrap export channel
- Unfavourable policy settings
- Highly fragmented recycling industry structure

Australian recycling is undergoing a transformation

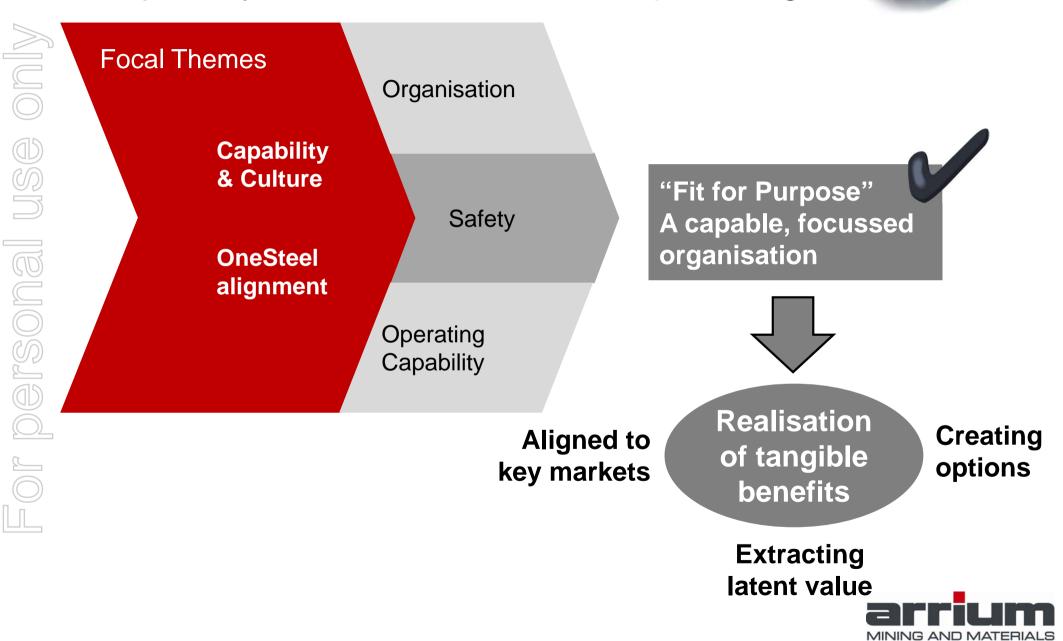
# **USA**

- Majors are large scale, complex businesses with a multitude of sites, shredders etc
- Majors are generally exposed to the old industrial heartland of the US and its restructuring

OneSteel is a tight, focussed business of relatively small scale with a very high customer experience focus



# The journey so far has delivered a capable organisation



# Today - a considered response to uncertainty and change



# For bersonal us

# **Refocussed organisation**

- Control consolidation
- Activity reprioritisation

# **Extract value**

- Overhead review
- Footprint review
- Productivity
- Trading

# Portfolio adjustment

- Sweat the balance sheet
- Asset reviews

# **Focussed investment**

- Customer experience
- Recyclables recovery
- Feeder yards





# Extracting latent value

# Organisation

Focussed structure able to control the key levers of the business

# **Productivity**

- 2012- \$10M in annualised benefits, 88 FTE's
- Equipment fleet and shredder utilisation gains
- Non ferrous shred recovery

# Yard footprint

2012

– yards closed, Padstow, Mildura, Corowa

# New business models

Static shears installed in Port Kembla and Townsville

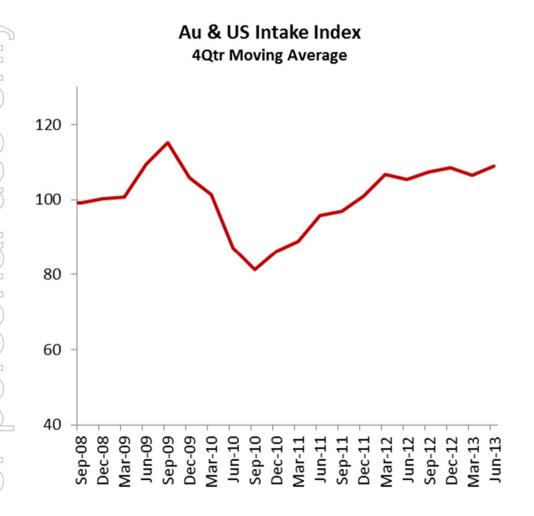
# **Trading**

- Quality customer base
- Expanded offering: brokerage, copper, risk management tools
- Integration with OneSteel Distribution and Mining Consumables trading





# Trading focus has recovered intake volumes



- Difficult economic and competitive environment post GFC
- Reset of steel mill demand
- Tightening scrap availability

# Focus on trading deliverables

- Restoration of intake levels
- Modest growth



# Zero Waste

# First Wave

For personal

Investing in technology to improve metal recovery from the shredder waste streams – anticipate recovering 2% of the waste stream as metals. Fast payback.

- **Hemmant** sensor sort technology and batch feeding
- Laverton sensor sort technology and batch feeding
- Tampa sensor sort technology, insulated copper wire recovery and fine particle screening





# Way forward

# Latent value extracted

- Streamlined Australian and Asian footprints focussed operations
- Simplified, lower cost operations
- Fit for purpose support structures

# Trading positions leveraged

- Active trading hub in Asia
- Expanded product offerings
- Portfolio of risk management tools

# Aligned to key markets

- In market presence Australia, USA and Asia
- Exploiting alternate channels to market
  - Multiple transport modes
  - Activities located to best advantage

# Options exercised

- Application of new technologies working towards Zero Waste
  - Maximum recovery of recyclables and energy from the waste stream

