### **Incitec Pivot Limited**

Office of the Company Secretary

ABN 42 004 080 264

Registered Office: Level 8, 28 Freshwater Place Southbank Victoria 3006

Tel: (61 3) 8695 4400 Fax: (61 3) 8695 4419 www.inciteopivot.com.au

25 February 2014

The Manager Company Announcements Office Australian Securities Exchange Level 45, South Tower Rialto 525 Collins Street MELBOURNE VIC 3000

Dear Sir or Madam

#### **Electronic Lodgement**

#### IPL Investor Presentation – February 2014

In accordance with the listing rules, I attach for release to the market an investor presentation.

Yours faithfully

Daniella Pereira Company Secretary



# Investor Overview

# **Incitec Pivot Limited**





### **Disclaimer**

This presentation has been prepared by Incitec Pivot Limited ("IPL"). The information contained in this presentation is for information purposes only. The information contained in this presentation is not investment or financial product advice and is not intended to be used as the basis for making an investment decision. This presentation has been prepared without taking into account the investment objectives, financial situation or particular needs of any particular person.

No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this presentation. To the maximum extent permitted by law, none of IPL, its directors, employees or agents, nor any other person accepts any liability, including, without limitation, any liability arising out of fault or negligence for any loss arising from the use of the information contained in this presentation.

In particular, no representation or warranty, express or implied, is given as to the accuracy, completeness or correctness, likelihood of achievement or reasonableness of any forecasts, prospects or returns ("forward-looking statements") contained in this presentation nor is any obligation assumed to update such information. Such forward-looking statements are based on information and assumptions known to date and are by their nature subject to significant uncertainties and contingencies. Actual results, performance or achievements could be significantly different from those expressed in, or implied by, this presentation. Neither past performance nor forward-looking statements are guarantees of future performance.

Before making an investment decision, you should consider, with or without the assistance of a financial adviser, whether an investment is appropriate in light of your particular investment needs, objectives and financial circumstances.

INCITEC PIVOT LIMITED ABN 42 004 080 264



# Introduction

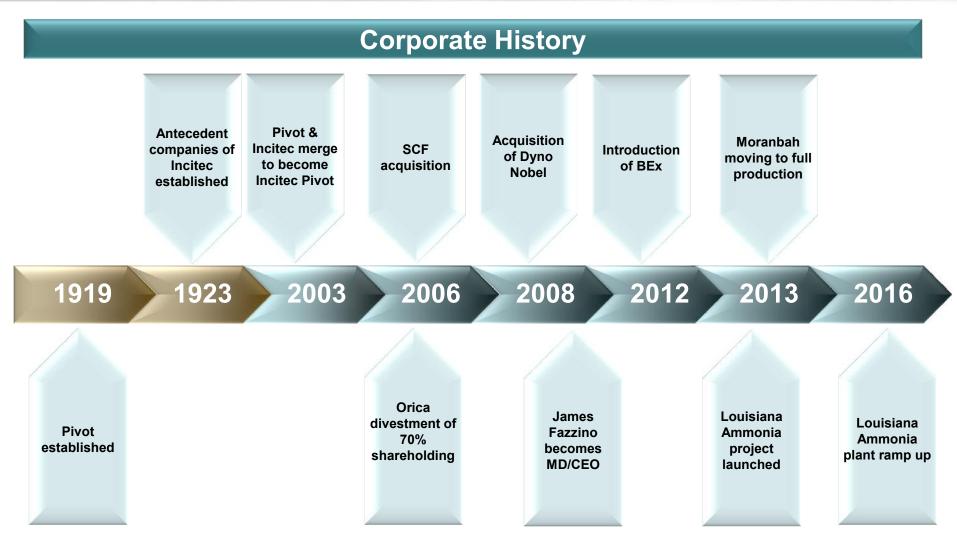




### Incitec Pivot at a glance

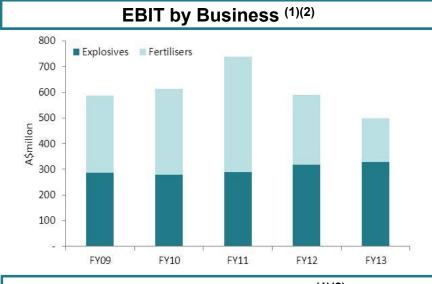
- Incited Pivot Limited ("IPL") is an industrial chemicals company with market leading positions in:
  - Industrial Explosives: #1 manufacturer (by tonnes) in the US and #2 distributor and manufacturer (by tonnes) in Australia
  - Fertilisers: #1 manufacturer in Australia (by volume and by revenue) and #1 distributor in eastern Australia (by volume and by revenue)
- S&P/ASX-50 listed company, with a market capitalisation of approx. A\$5 billion<sup>(1)</sup>
- Leveraged to:
  - > the industrialisation and urbanisation of developing economies, linking to demand for hard and soft commodities
  - the global energy disconnect, driven by the shale gas revolution in the U.S.
- Strong financial discipline with conservative management of financial risk
- Experienced management team with an average of 15 years experience in the industrial explosives and fertilizer industries
- (1) As at 19 February 2014

### **IPL** history & evolution

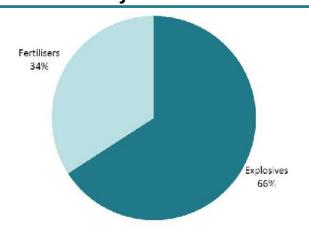


### Transition of business

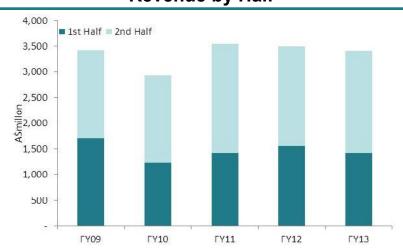
### **Business earnings profile**



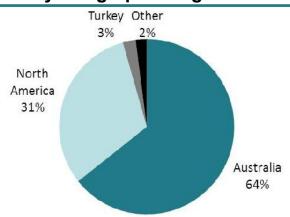




#### Revenue by Half



#### Revenue by Geographic Segment – FY13<sup>(3)</sup>



- (1) Includes intercompany eliminations & adjusted for the Moranbah unfavourable liability release
- (2) Fertiliser Businesses comprise: Incitec Pivot Fertilisers and Southern Cross International. Explosives businesses include: Dyno Nobel Americas and Dyno Nobel Asia Pacific
- (3) Geographical segment revenue is based on geographical location of the entity making the sale



# **Strategy Overview**





# Urbanisation and industrialisation drive commodity demand

# Hard Commodities

- Demand growth is strongest as countries move from US\$2,000-3,000 GDP per capita to US\$10,000-15,000
- Urbanisation drives rapid growth of infrastructure which is highly resource intensive (steel, copper, energy)
- 5-6 billion people live in economies making the transition to industrial economies

# Soft Commodities

- Total calorie consumption increases as income levels rise
- Nature of the calorie intake also changes dramatically, towards foods which are more water and land intensive
- Global population continues to grow

## Strategy on a page

Industrialisation of China



Shale gas revolution

Core nitrogen manufacturing

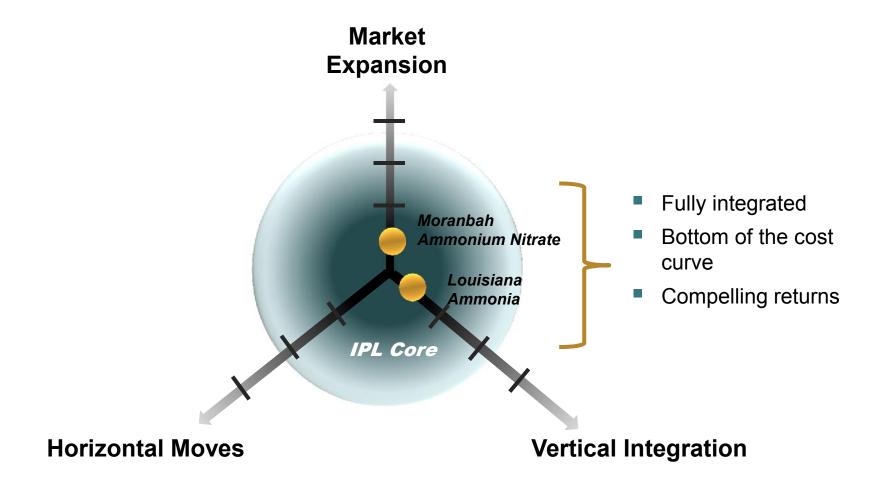
Input side of value chain

Customer aligned downstream businesses





### Low risk growth projects close to the core

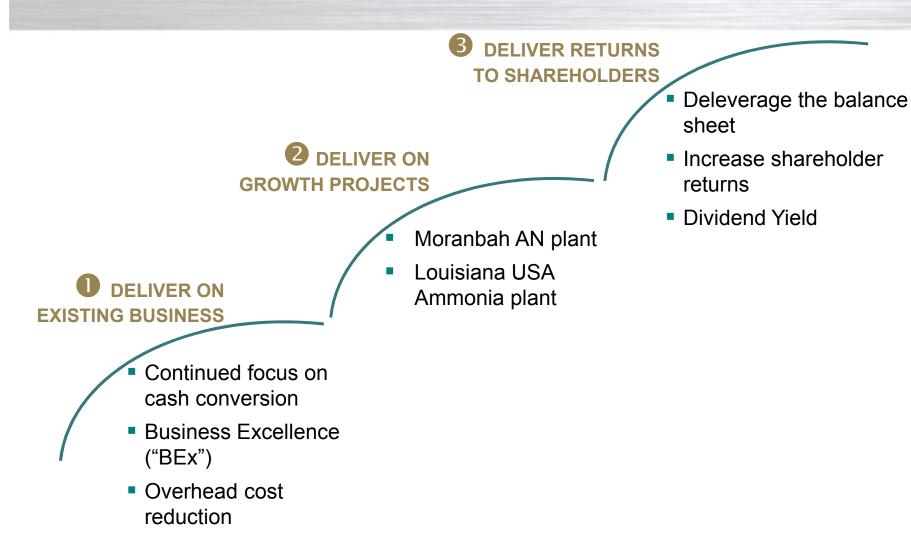


### Focus is on execution

### Medium Term growth and value drivers

- ☐ IPL's growth is linked to two global economic engines:
  - > Industrialisation of Asia, in particular China:
    - Moranbah Ammonium Nitrate plant is producing explosives for the metallurgical coal mines which feed China's blast furnaces
  - the United States:
    - Louisiana Ammonia investment is capitalising on the shale gas revolution in the US which is revitalising the North American economy
    - Leveraged to the US economic recovery through the Dyno Nobel Americas business

## **Strategy execution**



### Focus on execution and delivery

## Moranbah AN plant

### **Background**

- 330ktpa capacity AN plant
- ✓ Advantaged location in the North Bowen Basin
- Metallurgic coal used in steel production in Asia
- Strong customer base
- Long term competitive gas supply

#### Ramp Up Guidance

- 2014
  - Plant still in ramp up phase in 2014
  - Guidance: Volume 300kt
- 2015 and beyond
  - Plant at nameplate capacity: 330kt

### Louisiana investment overview

- Construction of a world scale ammonia plant (800kt p.a.) for a capital cost of US\$850m
  - Fully funded by debt and internally generated cash flow
- Investment thesis
  - Gas market dislocation
  - Access to US ammonia market
  - Capital advantage
- KBR is Engineering Procurement and Construction contractor under a Lump Sum Turn Key arrangement
- Plant sold out
  - Dyno Nobel = 300kt per annum
  - Cornerstone Chemicals = 200kt per annum
  - Transammonia = 300kt per annum
- Financial returns at sanction
  - 15% IRR
  - Simple payback ~ 5 years

### Louisiana ammonia plant update

#### As at 31 December 2013, Project is on budget and schedule:

- Safety = No recordable injuries to date
- Total construction cost = \$US850m
- First production = Third Quarter 2016

#### Construction

- Demolition and excavation is complete
- Piling nearing completion ~ 8,000 piles
- Plant footings in progress
- All main plant items ordered

#### Operations establishment

 IPL Plant Manager has been appointed (based in Louisiana)

#### Outlook

Fundamentals under-pinning project remain positive





## Introduction to Business Excellence (BEx)



BEx at IPL is all about leadership, standards, discipline and rigour:

- 1) Defining what's important and ensuring alignment throughout the business
- 2) A planned, disciplined approach to each day, supported by visual management tools
- 3) Documented and standardised work plans
- Rigour and compliance is achieved via a cycle of 'Plan, Do, Check, Act'
- Real leadership: Significant time is invested in coaching, providing clarity and alignment to goals and driving the right culture
- 6) A culture where continuous business improvement becomes a way of life

BEx is the system we use to continuously improve the way we work and enables us to realise our shared Company Goals and Values



# **Incitec Pivot Limited**



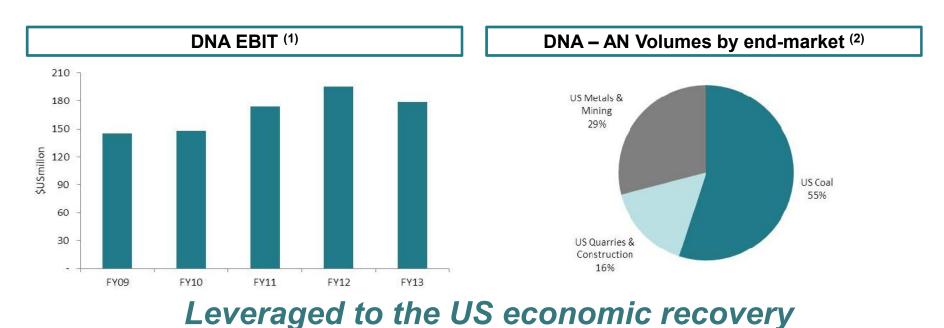
# **Explosives**



# **Explosives – Dyno Nobel America**



- Dyno Nobel Americas ("DNA") is a leading supplier of industrial explosives and blasting services across the following sectors:
  - Coal
  - Quarries & Construction
  - Metals & Mining
- #1 manufacturer in the US (by tonnes) the largest explosives market in the world



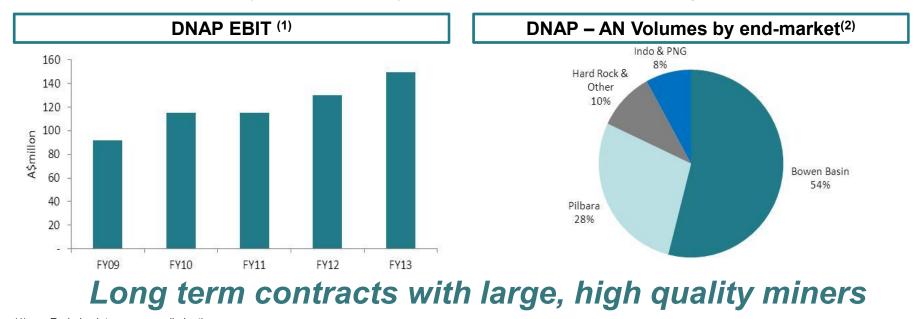
(1) Excludes intercompany eliminations

(2) Based on 2013 financial year

## **Explosives – Dyno Nobel Asia Pacific**



- Dyno Nobel Asia Pacific ("DNAP") is a leading supplier of industrial explosives and blasting services to the mining industry across Australia, Indonesia and Papua New Guinea:
  - Australian Metallurgical Coal Bowen Basin
  - Australian Iron Ore Pilbara
  - Base Metals & Other
  - Indonesia & PNG
- #2 Explosives company in Australia (by tonnes) the world's third largest explosives market



<sup>(1)</sup> Excludes intercompany eliminations

<sup>(2)</sup> Based on 2013 financial year

# **Incitec Pivot Limited**



# **Fertilisers**



### **Fertilisers**



- Incitec Pivot Fertilisers ("IPF") is Australia's largest<sup>(2)</sup> manufacturer of fertilisers and largest<sup>(2)</sup> distributor of fertilisers in Eastern Australia, and consists of:
  - Australian Distribution East Coast
  - Gibson Island manufacturing Ammonia, Urea and Sulphate of Ammonia (SOA)
  - Phosphate Hill, Mt Isa Ammonium Phosphates (DAP/MAP)
  - Geelong & Portland Single Superphosphate (SSP)
- IPF sells manufactured fertiliser and industrial chemicals products in Australia and sells into offshore markets such as South East Asia and Latin America, via Quantum Fertilisers



Fertilisers EBIT (1)

#### **Fertiliser Manufacturing Plants**

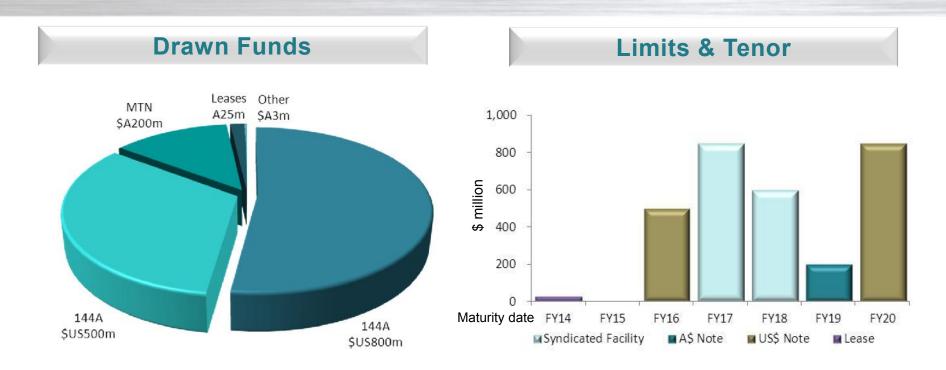
Facility	Products	Nameplate Capacity <sup>(2)</sup>	Key Inputs
Phosphate Hill, Qld	MAP / DAP	950,000	Phoshate Rock; Natural gas; Sulphuric acid
Mt Isa, Qld	Sulphuric acid	900,000	Sulphur dioxide; Sulphur
Gibson Island, Qld	Urea Ammonia SOA	270,000 300,000 200,000	Natural Gas; Coal seam methane gas; Ammonia
Portland, Vic	SSP	180,000	Phosphate rock; Sulphuric acid
Geelong, Vic	SSP	350,000	Phosphate rock; Sulphuric acid

<sup>(1)</sup> Excludes intercompany eliminations

<sup>(2)</sup> By volume



### Debt structure with significant tenor



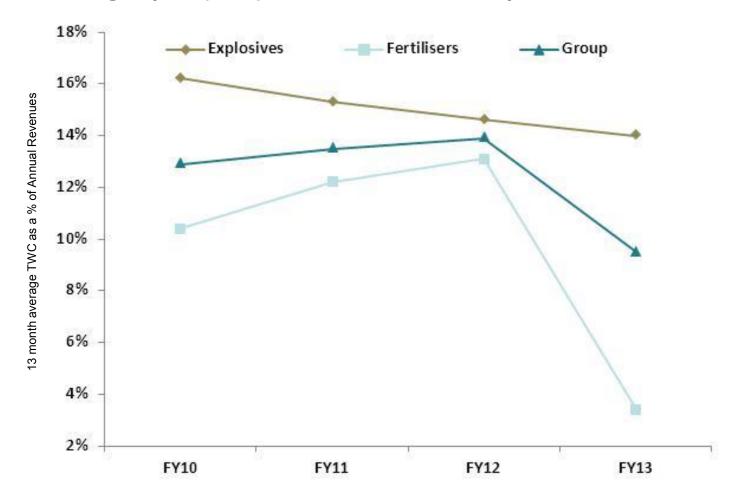
- √ 4.7 years average tenor of drawn funds & 1.7Bn of headroom <sup>(1)</sup>
- Louisiana construction fully funded
- Mix of \$A and \$US debt to mirror earnings and cash flows

(1) As at 30 September 2013

Diverse sources; surplus headroom

# Trade working capital focus

### Trade Working Capital (TWC): Focus for continual improvement



### 2014 EBIT sensitivities

IPF: Urea - Middle East Granular Urea (FOB)<sup>(1)</sup>

SCI: DAP - Di-Ammonium Phosphate Tampa (FOB)(2)

Forex - transactional (DAP & Urea)(3)

DNA: Urea (FOB)(4)

DNA: Forex - translation of Explosives earnings<sup>(5)</sup>

+/- US\$10/t = +/- A\$4.1m

+/- US\$10/t = +/- A\$9.5m

+/-1 cent = A\$6.2m

+/- US\$10/t = +/- US\$1.8m

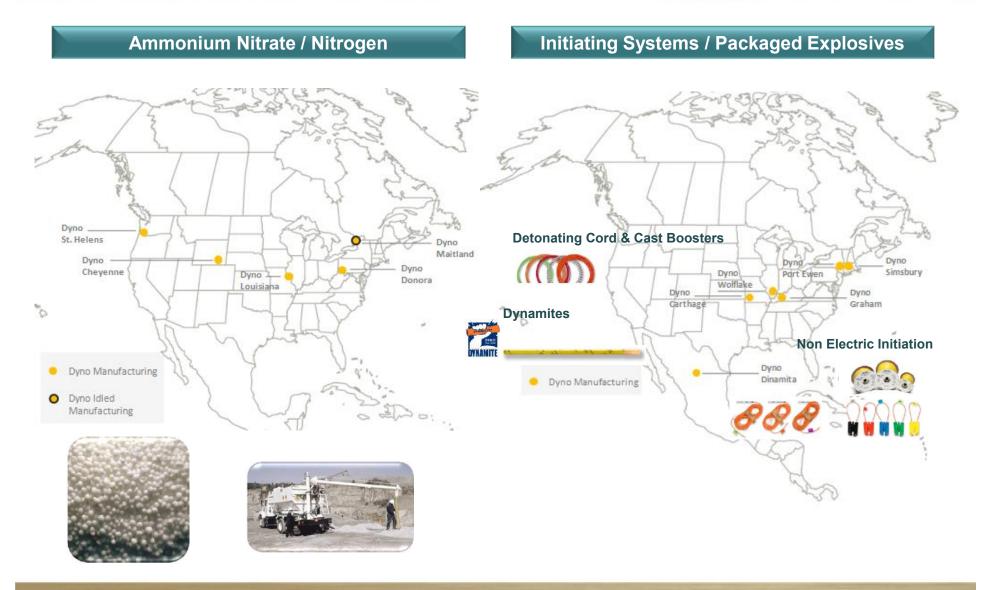
+/- 1 cent = A\$2.0m

#### **Assumptions**:

- (1) 405kt (Gibson Island Fertiliser name plate production capacity) urea equivalent sales at 2013 realised price of US\$373/t and the 2013 realised exchange rate of A\$/US\$0.9957
- (2) 950kt (Phosphate Hill Fertiliser name plate production capacity) DAP sales at 2013 realised price of US\$482/t and the realised exchange rate of A\$/US\$0.9957
- (3) DAP and Urea volumes, as well as FOB price based on assumptions (1) and (2) (excludes the impact of hedging)
- (4) 180kt (St Helens Fertiliser name plate production capacity short tonnes) urea equivalent sales at 2013 NOLA Urea average price of US\$395/t and the 2013 realised exchange rate of A\$/US\$0.9957
- (5) For each US\$200m EBIT



# Dyno Nobel manufacturing sites in North America



## Baseline AN supply and demand

# Dyno Nobel is the #1 Manufacturer and Distributor of AN prill in North America (by volume)

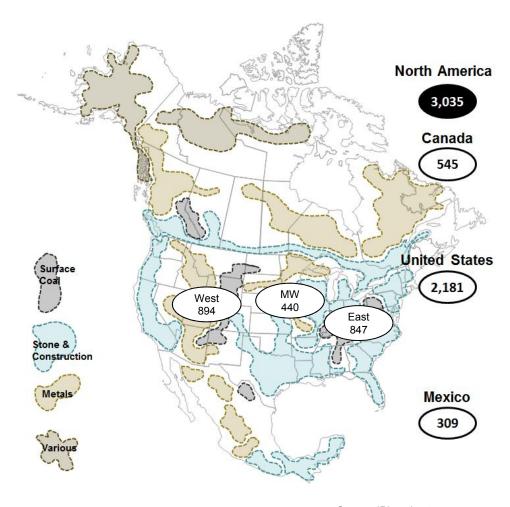
Supplier Capacity*	AN (kst)
Dyno Nobel AN manufacturing**	850
Dyno Nobel sourced from third parties	150
Total Dyno Nobel AN	1,000
Total Competitor AN	~2,465
Total AN manufacturing	~3,465

<sup>\*</sup> Nameplate

#### Regionalised Market:

- Western US and Canada Balanced
- Midwest US and Canada Mixed
- Eastern US Oversupplied
- DNA plants at ~90% utilization

#### **North America AN Baseline Demand 2013 (kst)**



Source: IPL estimates

<sup>\*\*</sup>Excludes idled Maitland capacity

### **Market information - US Coal**

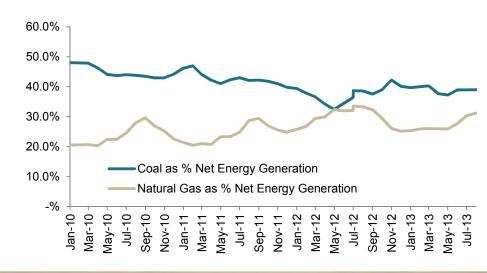
	FY13	% change to pcp
Total US coal Production (mt)	1,000.0	(4.7%)
Appalachia coal Production (mt)	289.4	(6.2%)
Interior coal Production (mt)	177.7	0.1%
Western coal Production (mt)	533.0	(5.5%)

Key facts		
Switching point from coal to gas	Powder River Basin: \$2.50-2.75 Illinois Basin: \$3.25-3.50 Central Appalachia: > \$4.50	
DNA coal exposure:	Powder River Basin: 50% Illinois Basin: 30% Appalachia: 20%	

#### **Average coal inventory days**



#### Net energy generation by fuel source:

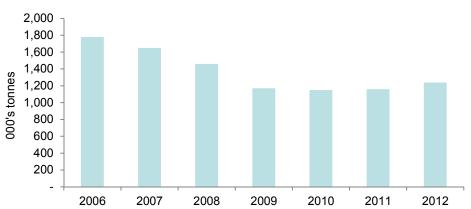


Source: EIA

## **Market information - US Quarry & Construction**

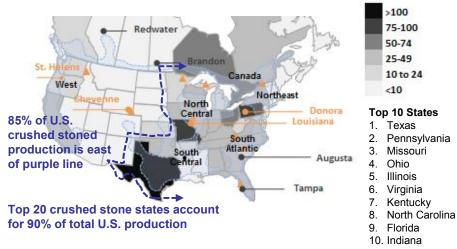
Construction Value put in place (US\$ billion)1	FY13	% change to pcp
Total Construction	809	7.4%
Residential	297	23.3%
Non-residential - private	273	2.1%
Non-residential - public	238	(2.4%)
Highway and street	70	(2.0%)

#### **US** crushed stone production:



#### **North American Crushed Stone Production**

(million metric tonnes)



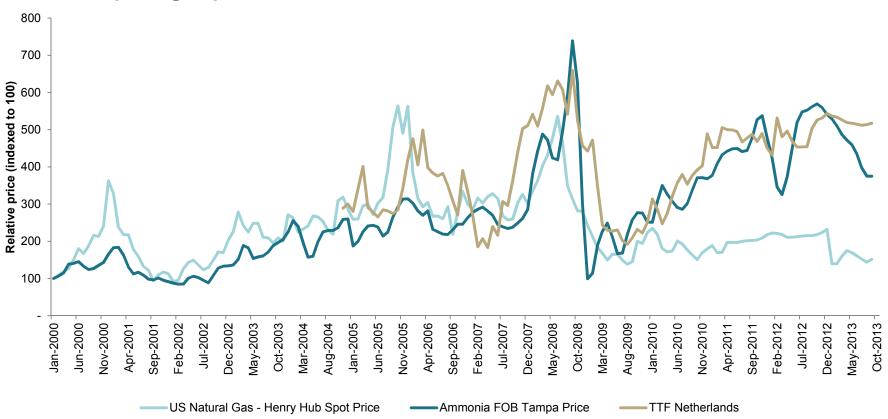
Source: US Geological Survey (USGS); US Census Bureau

<sup>1.</sup> A measure of all the costs of labour and materials, architectural and engineering work and overhead costs associated with construction work done each month on new private residential, non-residential construction and public construction

### **Market information - Ammonia**

- US has a deep, low-cost supply curve for gas with multiple suppliers
- Global ammonia price has historically trended closely with cash costs of marginal production, currently from European producers

#### US vs. European gas price differential:



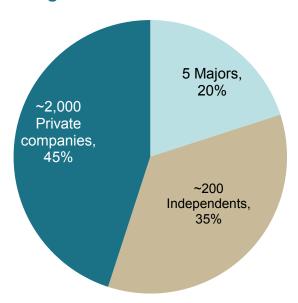
Source: Fertecon, Bloomberg

## Market information - US gas supply

### Gas market structure

- Current over capacity of gas in US
  - Expected to continue into medium-long term
- US has deep gas supplies with significant resources remaining economic at low gas prices
- Explosion in alternative gas supplies: Shale gas and Light Tight Oil
- Highly fragmented market for gas production

#### Fragmented US gas market:



#### **Gas prices (Henry Hub):**

	US\$/MMBtu
2013 Average	3.73
2012 Average	2.75
5 year historic average	5.34

# Market information - US gas supply (cont.)

### **2** Technological improvements driving alternative gas production

Greater drilling rig and well efficiencies

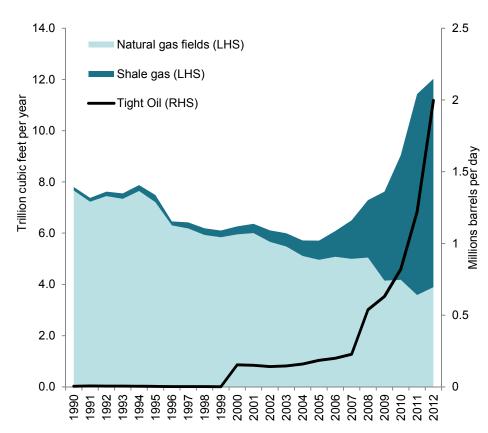
#### Shale gas

 Shale gas production as a percentage of US gas production increased from 6% in 2007 to 31% in 2012

#### Light tight oil

- Gas is a by-product of light tight oil production
- Light tight oil production has increased from ~200,000 barrels per day to ~2 million barrels per day over the last 10 years
- Increased development of light tight oil and other gas-from-liquids focused drilling

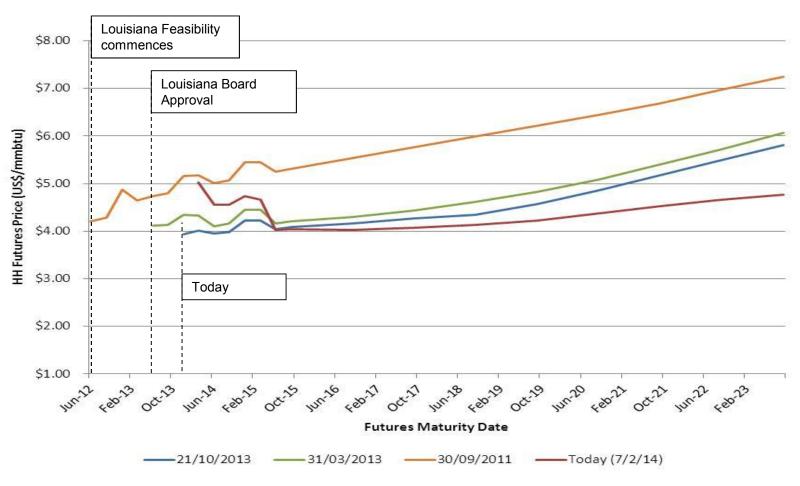
#### US shale gas and light tight oil production:



Source: EIA

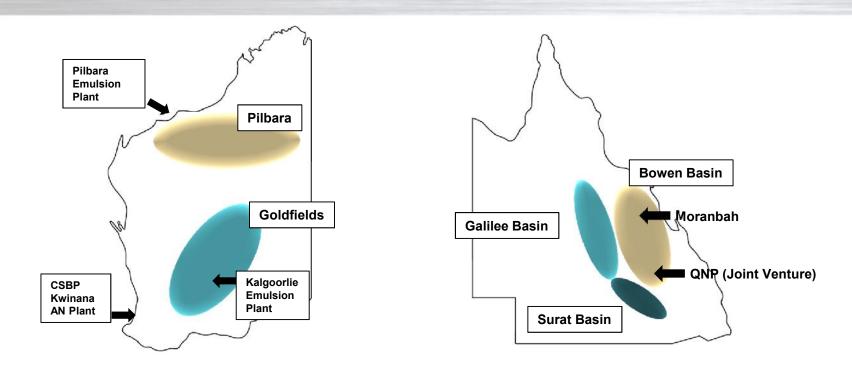
# Market information – US gas

### **US Natural Gas Forward Curve (NYMEX):**



Source: Bloomberg

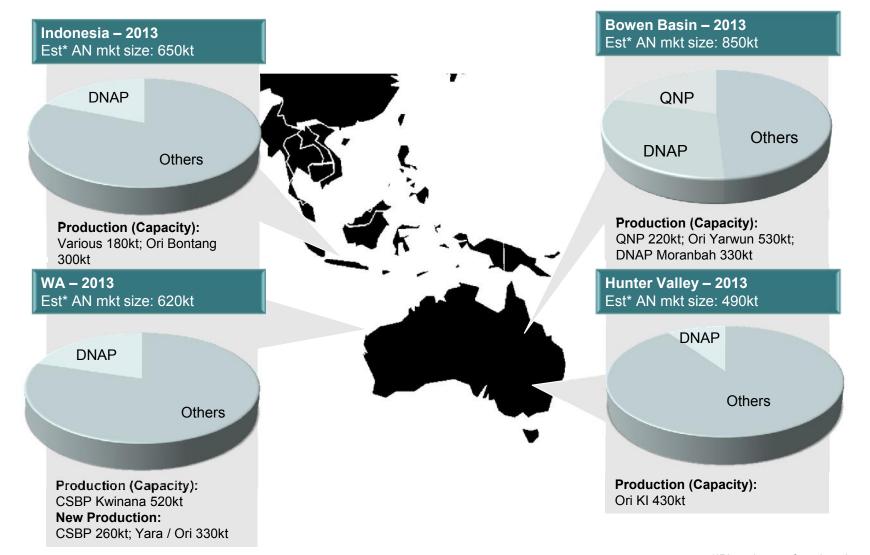
## Dyno Nobel in the Australian market



### Second largest explosives business in Australia

- 3rd largest explosives market in the world
- Moranbah AN project to underpin competitive position in Australian explosives market, to 330kt of AN in 2015
- Strong demand for products and services

### **AN Market Overview – Asia Pacific**

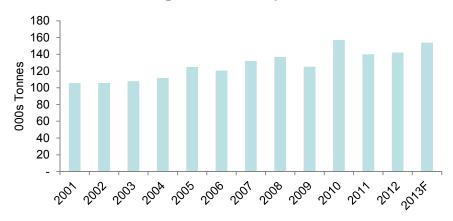


\*IPL estimate of market size

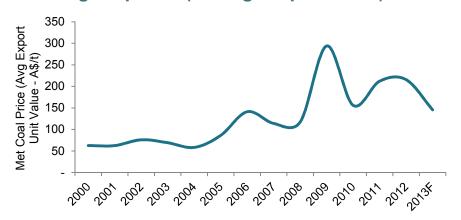
Slide 36

### **Market information - Australian hard commodities**

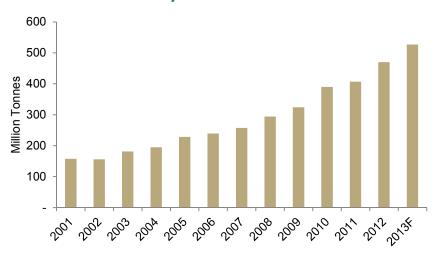
#### Australian metallurgical coal exports:



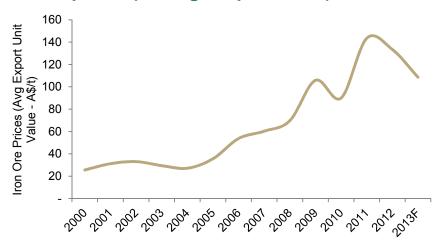
#### **Metallurgical prices (Average export value):**



#### Australian iron ore exports:



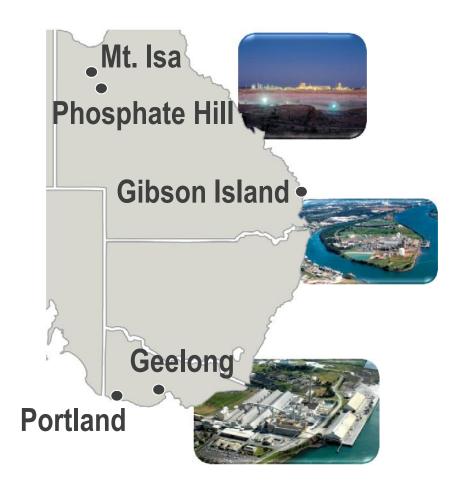
#### Iron Ore prices (Average export value):



Source: Australian Government Bureau of Resources and Energy Economics, Resources and Energy Quarterly, March 2013
Reserve Bank of Australia Bulk Commodity Price Index (bulk commodities included are thermal coal, metallurgical coal and iron ore)

# Integrated manufacturing & distribution capability

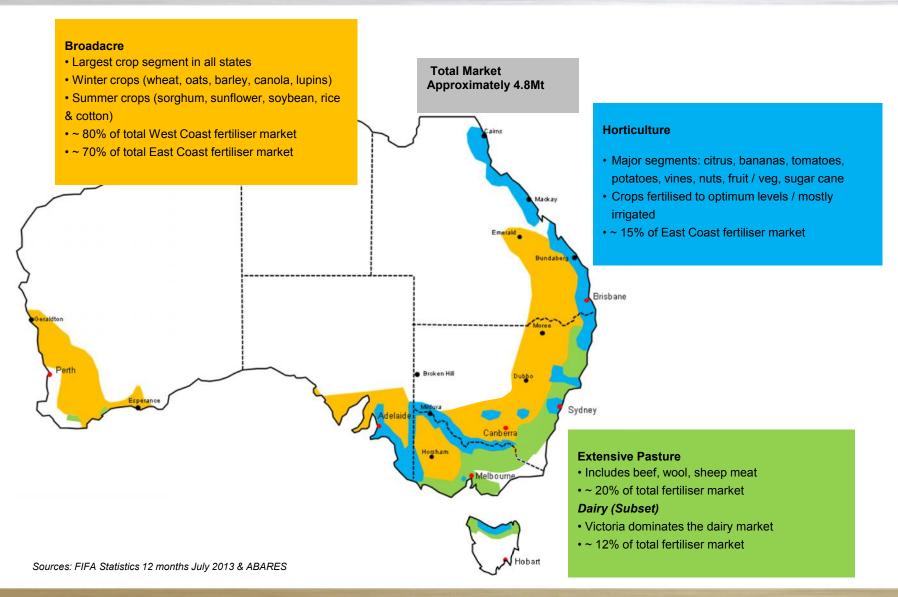
### **Manufacturing Assets**



### **Distribution Network**



### **Australian Fertiliser Market**

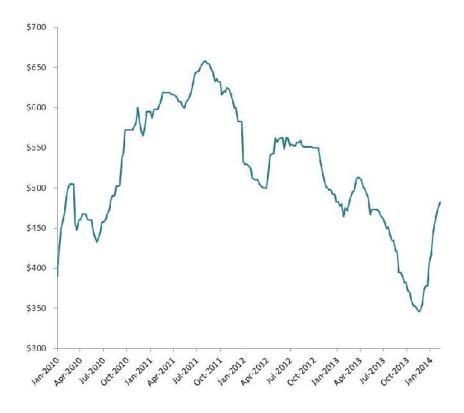


# **Market information - Ammonium Phosphates**

Ammonium phosphates global market size: ~60mt

Million tonnes	2008	2009	2010	2011	2012
World DAP seaborne trade	10.4	14.7	16.3	14.3	14.8
India DAP imports	5.6	6.2	7.8	6.8	5.9
China DAP exports	0.8	2.1	4.2	4.2	4.1

#### **DAP FOB Tampa prices (USD):**



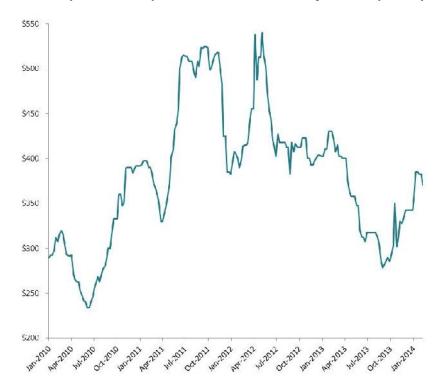
Source: Fertecon

### **Market information - Urea**

Urea global market size: ~155mt

Million tonnes	2008	2009	2010	2011	2012
World Urea seaborne trade	34.0	36.7	41.0	41.0	43.9
India Urea imports	6.1	5.5	6.2	8.0	8.4
China Urea exports	4.8	3.6	7.1	4.4	6.9

#### **Urea (Granular) FOB Middle East prices (USD):**



# Key raw materials - Australia

#### **Natural Gas:**

Gas tranche	Amount (PJs/pa)	Contract Expiry
Tranche 1	10.5	31 December 2014
Tranche 2	16.8	30 September 2017 *
Tranche 3	7.0	31 March 2025
Tranche 4	8.7	31 December 2016

<sup>\*</sup> Includes gas banking

### **Sulphuric Acid:**

Sources	Sulphuric Acid (%)	Location
Metallurgical gas	45%	Mt Isa
Sulphur burn	25%	Mt Isa
Purchased & Reclaimed sulphuric acid	30%	Through Townsville & Decant
Total Sulphuric Acid	1,290kt	
Uses		
DAP Production (nameplate)	950kt	Phosphate Hill

Source: IPL

February 2014

# Market information – Foreign Exchange

#### Foreign Exchange Rate (AUD:USD):

