

## INVESTOR BRIEFING

BROWNSBURG MANUFACTURING PLANT SITE VISIT NORTH AMERICA

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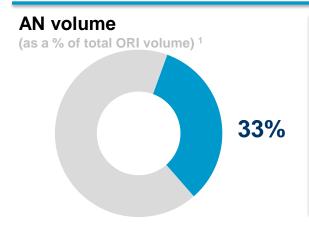
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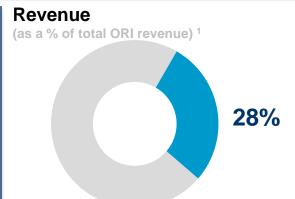


## NORTH AMERICA OVERVIEW



### NORTH AMERICA - AT A GLANCE





#### **Employees**

#### 2340+

1336 direct customer facing642 upstream manufacturingBalance in R&D, functional support



#### **Manufacturing sites**

104

Operational & downstream



## **Mobile Manufacturing Units** (MMUs)

232

Open Cut



### **Mobile Charging Units**

(MCUs)

**52** 

Underground



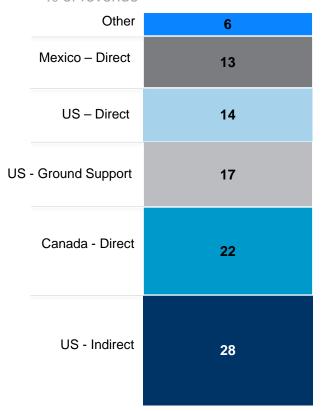
The North American business has significant investment in people and infrastructure



## NORTH AMERICA GEOGRAPHY AND COMMODITY EXPOSURE

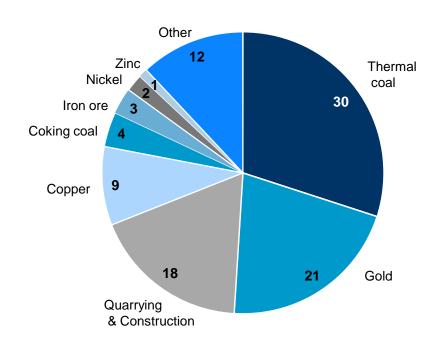
#### By geography

% of revenue<sup>1</sup>



#### By commodity

% of revenue<sup>1</sup>

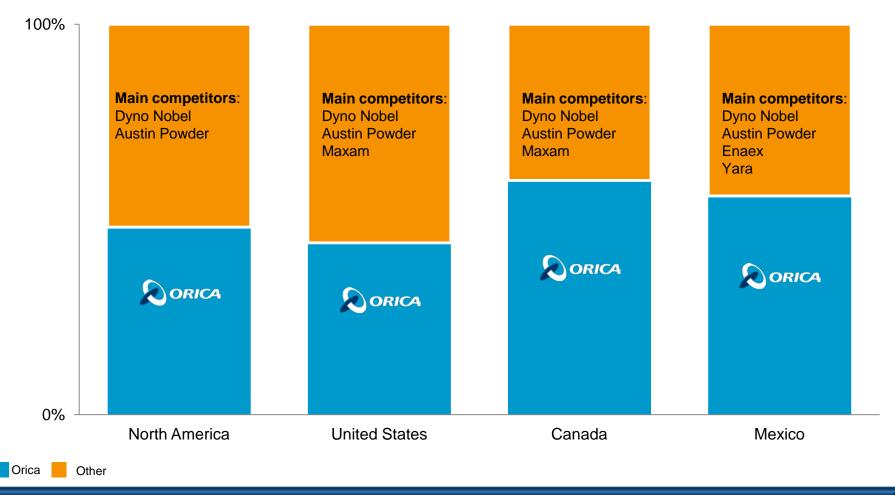


### ...with a broad commodity exposure



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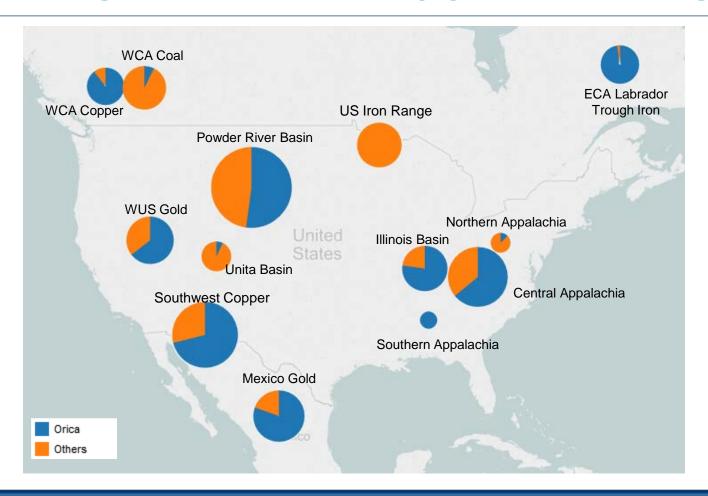
## NORTH AMERICA STRONG MARKET POSITION IN THE REGION



Leading market share positions in all three countries across North America



### NORTH AMERICA MARKET SHARE – BY MAJOR MARKETS



Orica has significant positions in the major mining markets across North America, either directly or through the JV's



## NORTH AMERICA DOWNSTREAM OPERATIONS

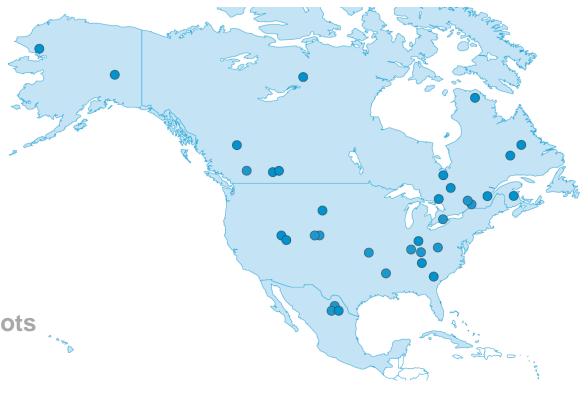
1,550k AN capacity\*

**21** Emulsion plants

4 Initiating systems plants

2 Packaged plants

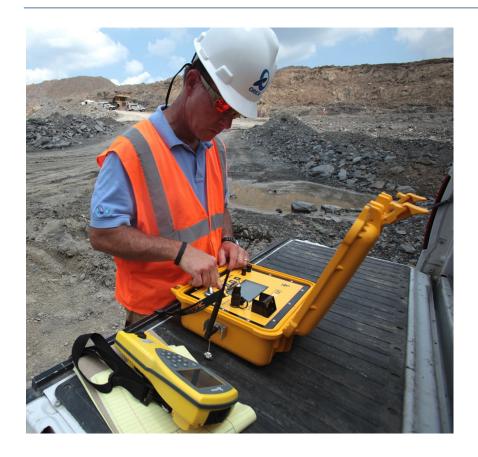
**104** Downstream sites/depots



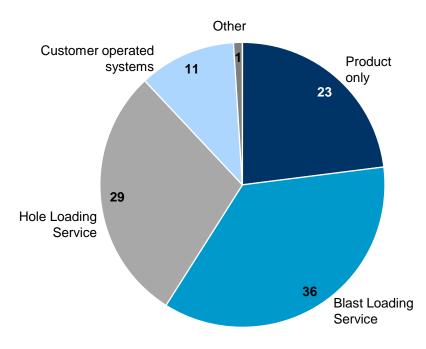
Unrivalled operational footprint provides the scale and complexity to support the diverse customer base



## NORTH AMERICA DIRECT BUSINESS SERVICES MIX



Direct business revenue by service level % of revenue<sup>1</sup>

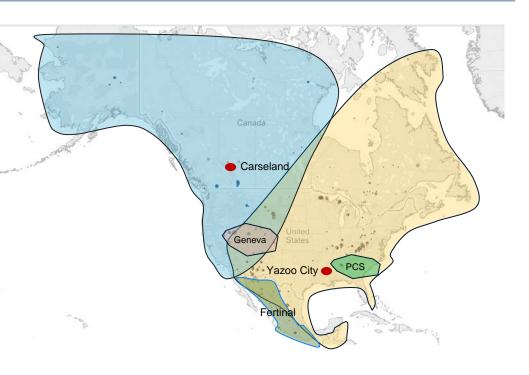


While services are associated with 65% of our sales through our direct channel, there is still more potential to add further technology and services into this mix



### NORTH AMERICA COST EFFECTIVE, LONG TERM AN SUPPLY

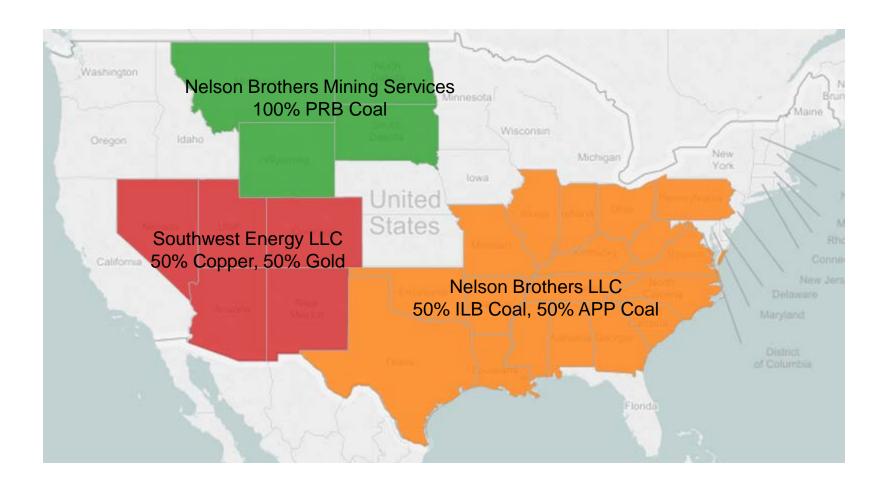
- 10 year agreement with CF Industries Inc to supply up to 800k standard tonnes for North American operations ex Yazoo City
  - Commences in January 2017; option for Orica to extend for further 5 years until end 2031
- Gas-backed supply with tier 1 cost profile
- Equivalent cost base maintained across AN supplier network compared to current cost profile
- Carseland supplies 500k metric tonnes into Western USA and Canada
- Geneva Nitrogen provides 50k standard tonnes into the SW USA market
- Fertinal and PCS contracts enable sourcing into SE USA and Southern and Western Mexico



Largest supply capacity and deepest rail logistics positions Orica to strongly compete throughout North America



### NORTH AMERICA STRONG JOINT VENTURE PARTNERSHIPS



Established Joint Ventures provide the channel to the major mining markets in the US



### NORTH AMERICA KEY OPPORTUNITIES

- Whilst market outlook is subdued Orica is strongly positioned with its breadth and depth of business to capitalise on the growth opportunities
- With the recent long term sourcing arrangements with CFI, Orica has a reliable and low cost ammonium nitrate supply for the next fifteen years
- The recovering US economy provides a positive outlook for the Q&C business which is projected at 5-8% CAGR for the next five years
- With the broad coverage of the North American metals markets, Orica is well placed to position its advanced blasting technologies into this segment
- The push for greater mine productivity, is enabling greater penetration of advanced services and technology



## NORTH AMERICA OUR COMPETITIVE ADVANTAGE

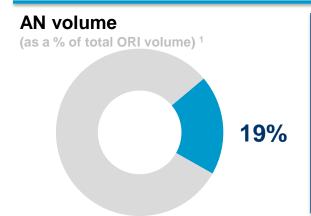
- ✓ Low capital requirements with an attractive rate of return
- ✓ Low cost supplier supported by long term gas-backed AN sourcing options
- ✓ Irreplicable scale
- ✓ Sophisticated distribution network
- ✓ Strong customer and channel relationships

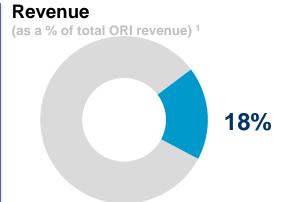


## LATIN AMERICA OVERVIEW



### LATIN AMERICA - AT A GLANCE





### **Employees**

### 2700+

1700 Mining services744 ManufacturingRemaining Support functions



### **Manufacturing sites**

**97**Operational & downstream

## **Mobile Manufacturing Units** (MMUs)

**172** 

Open Cut



### **Mobile Charging Units**

(MCUs)

30

Underground

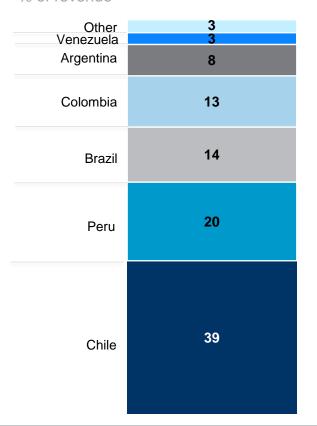




## LATIN AMERICA GEOGRAPHY AND COMMODITY EXPOSURE

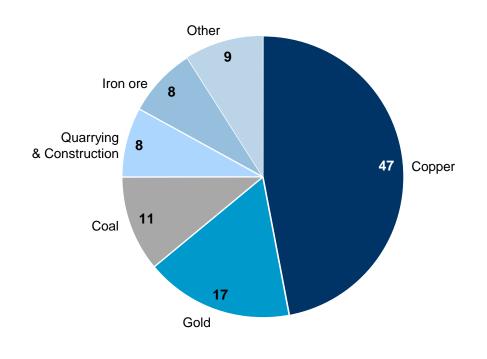
### By geography

% of revenue<sup>1</sup>



#### By commodity

% of revenue<sup>1</sup>



Orica is the only explosives company with a geographic footprint across the major mining markets

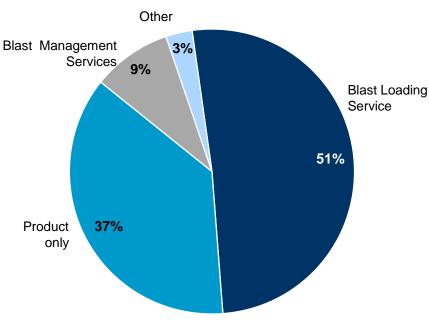


# LATIN AMERICA BUSINESS SERVICES MIX



#### Revenue by service level

% of revenue<sup>1</sup>



Increase in advanced blasting products and services in the last five years



## LATIN AMERICA POTENTIAL TO GROW SHARE IN THE REGION



Orica has leading market share positions across Latin America



## LATIN AMERICA DOWNSTREAM OPERATIONS

550kt AN consumption

**14** Emulsion plants

**5** Detonator plants

**4** Packaged plants

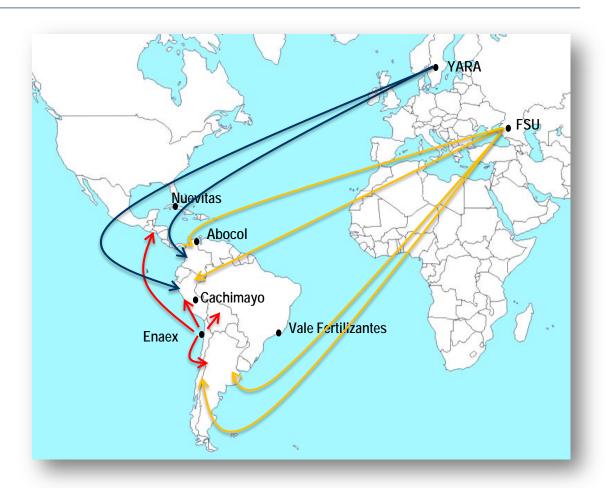


Integrated downstream contract position



### LATIN AMERICA MUTLIPLE AN SOURCING OPTIONS

- Low cost supplier supported by lowest gas prices from FSU
- Balanced by local arrangements with domestic producers
- Competitive on a CIF basis
- Options to flex sourcing options where necessary



Unrivalled capability to source AN cost effectively through regional scale



## LATIN AMERICA KEY OPPORTUNITIES

- Long term metals outlook: Leverage Copper and Gold future market growth outlook and strengthen Orica market leader position
- Drive growth: Aggressively capturing market opportunities in Oil & Gas and Infrastructure development (Q&C)
- Technology Differentiation: Lead market penetration and conversion to advanced products and services by leveraging on Orica's R&D investment
- Leverage scale: Orica size, scale and experience to drive global and regional win – win customer relationships



## LATIN AMERICA OUR COMPETITIVE ADVANTAGE

- ✓ Low capital requirements with an attractive rate of return
- ✓ Tier 1 supply options from a number of sources
- ✓ Competitive on a CIF basis
- ✓ Integrated downstream contract position
- ✓ Sophisticated distribution network
- ✓ Strong customer and channel partner relationships
- ✓ Leading region in technical competence and consequent technology penetration
- ✓ Centre of Innovation and Collaboration located in Santiago de Chile
- ✓ Strong strategic alliances across the region



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