

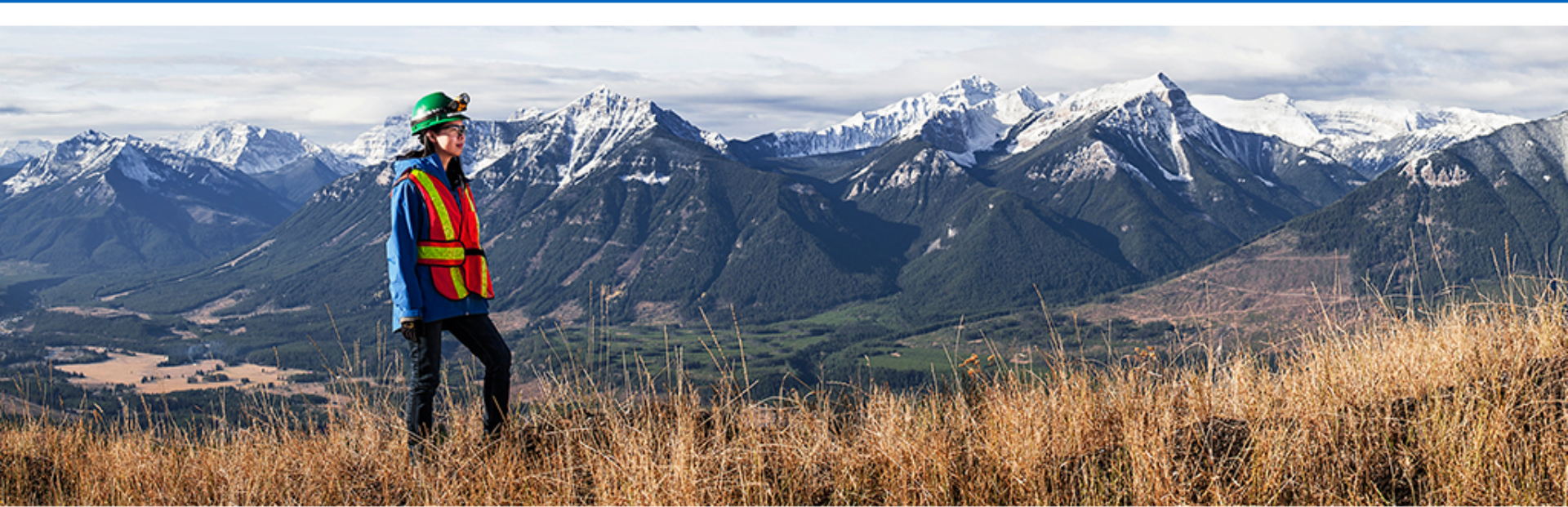
**Bank of America**  
**Merrill Lynch**



**Teck**

**Global Metals, Mining & Steel  
Conference**

May 16, 2017



Both these slides and the accompanying oral presentations contain certain forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 and forward-looking information within the meaning of the Securities Act (Ontario) (collectively referred to herein as forward-looking statements). Forward-looking statements involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements of Teck to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. These forward-looking statements include statements relating to our long-term strategies and priorities, the long-life of our assets and estimated resource life, the possibility that we will have a longer resource life in zinc very soon, our production guidance, estimated profit and estimated EBITDA and the sensitivity of estimated profit and estimated EBITDA to foreign exchange and commodity prices, the statement that the improving zinc market could translate into hundreds of millions of additional EBITDA this year and a number of years going forward, estimated future cash flow and cash flow potential, our expectations regarding market supply, demand and price in the commodities we produce, including our expectations regarding factors which may impact supply or demand in key markets, the expected timing and amount of production at the Fort Hills oil sands project and expectation that the oil price environment will be above our costs of production, potential EBITDA, potential of expanded zinc uses, our statement that Quebrada Blanca 2 is a potential tier 1 asset, the statements made regarding the potential mine life, capital costs, mine life extension and expansion optionality and production for our Quebrada Blanca Phase 2 project, our statements regarding our Satellite Project, including, statements regarding the value, mine-life and potential of these projects, the statement that debt reduction remains a priority, routes to value realization, our statements regarding the sustainability of our cost-management program, statements regarding Red Dog resource potential, 2017 production guidance and cost guidance, 2017 capital expenditures guidance, our growth/value pipeline, our statements regarding expected strip ratios, statements relating to the “Five Year Plan: Sustain 27 Million Tonnes” slide, our statements regarding potential increases in port capacity, expectation of future copper deficits, all projections for our Quebrada Blanca 2 project, including those on the slides titled “Quebrada Blanca 2 Overview” and “QB2: Robust Economics & Tier 1 Attributes”, all projections for NuevaUnión, including statements made on the “NuevaUnión: Project Overview” slide, projections and expectations regarding our Satellite Project including those on the “Satellite Project: 5 Quality Base Metal Assets” slide, our predictions regarding zinc supply and demand, Fort Hills project indicative NPV and life, financial projections and other statements regarding the Fort Hills project, including those made on the “The Real Value of Long-Life Assets” slide, transportation capacity and our ability to secure transport for our Fort Hills production, statements regarding our sustainability goals, and management’s expectations with respect to production, demand and outlook regarding coal, copper, zinc and energy.

These forward-looking statements involve numerous assumptions, risks and uncertainties and actual results may vary materially, which are described in Teck’s public filings available on SEDAR ([www.sedar.com](http://www.sedar.com)) and EDGAR ([www.sec.gov](http://www.sec.gov)). In addition, the forward-looking statements in these slides and accompanying oral presentation are based on assumptions regarding, including, but not limited to, general business and economic conditions, the supply and demand for, deliveries of, and the level and volatility of prices of, zinc, copper and coal and other primary metals and minerals as well as oil, and related products, the timing of the receipt of regulatory and governmental approvals for our development projects and other operations, our costs of production and production and productivity levels, as well as those of our competitors, power prices, continuing availability of water and power resources for our operations, market competition, the accuracy of our reserve estimates (including with respect to size, grade and recoverability) and the geological, operational and price assumptions on which these are based, conditions in financial markets, the future financial performance of the company, our ability to attract and retain skilled staff, our ability to procure equipment and operating supplies, positive results from the studies on our expansion projects, our coal and other product inventories, our ability to secure adequate transportation for our products, our ability to obtain permits for our operations and expansions, our ongoing relations with our employees and business partners and joint venturers. Reserve and resource life estimates assume the mine life of longest lived resource in the relevant commodity is achieved, assumes production at planned rates and in some cases development of as yet undeveloped projects. Management’s expectations of mine life are based on the current planned production rates and assume that all resources described in this presentation are developed. Certain forward-looking statements are based on assumptions disclosed in footnotes to the relevant slides. Our estimated profit and EBITDA and EBITDA sensitivity estimates are based on the commodity price and currency exchange assumptions stated on the relevant slide. Cost statements are based on assumptions noted in the relevant slide. Assumptions regarding Fort Hills also include the assumption that project development and funding proceed as planned, as well as assumptions noted on the relevant slides discussing Fort Hills. Assumptions regarding our potential reserve and resource life assume that all resources are upgraded to reserves and that all reserves and resources could be mined. The foregoing list of assumptions is not exhaustive.

Factors that may cause actual results to vary materially include, but are not limited to, changes in commodity and power prices, changes in market demand for our products, changes in interest and currency exchange rates, acts of foreign governments and the outcome of legal proceedings, inaccurate geological and metallurgical assumptions (including with respect to the size, grade and recoverability of mineral reserves and resources), unanticipated operational difficulties (including failure of plant, equipment or processes to operate in accordance with specifications or expectations, cost escalation, unavailability of materials and equipment, government action or delays in the receipt of government approvals, industrial disturbances or other job action, adverse weather conditions and unanticipated events related to health, safety and environmental matters), union labour disputes, political risk, social unrest, failure of customers or counterparties to perform their contractual obligations, changes in our credit ratings or the financial market in general, unanticipated increases in costs to construct our development projects, difficulty in obtaining permits or securing transportation for our products, inability to address concerns regarding permits of environmental impact assessments, changes in tax benefits or tax rates, resolution of environmental and other proceedings or disputes, and changes or deterioration in general economic conditions. We will not achieve the maximum mine lives of our projects, or be able to mine all reserves at our projects, if we do not obtain relevant permits for our operations. Our Fort Hills project is not controlled by us and construction and production schedules may be adjusted by our partners. NuevaUnión is jointly owned. The effect of the price of oil on operating costs will be affected by the exchange rate between Canadian and U.S. dollars.

Statements concerning future production costs or volumes are based on numerous assumptions of management regarding operating matters and on assumptions that demand for products develops as anticipated, that customers and other counterparties perform their contractual obligations, that operating and capital plans will not be disrupted by issues such as mechanical failure, unavailability of parts and supplies, labour disturbances, interruption in transportation or utilities, adverse weather conditions, and that there are no material unanticipated variations in the cost of energy or supplies.

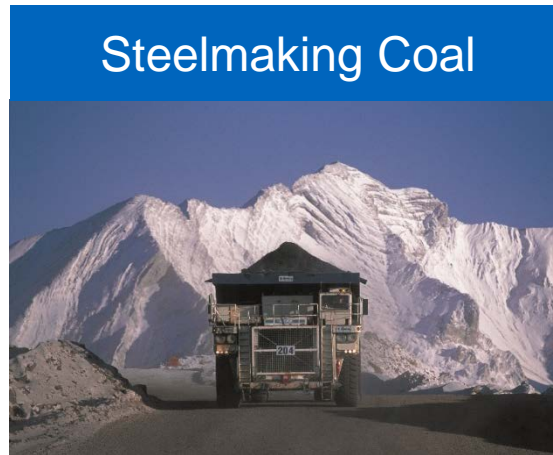
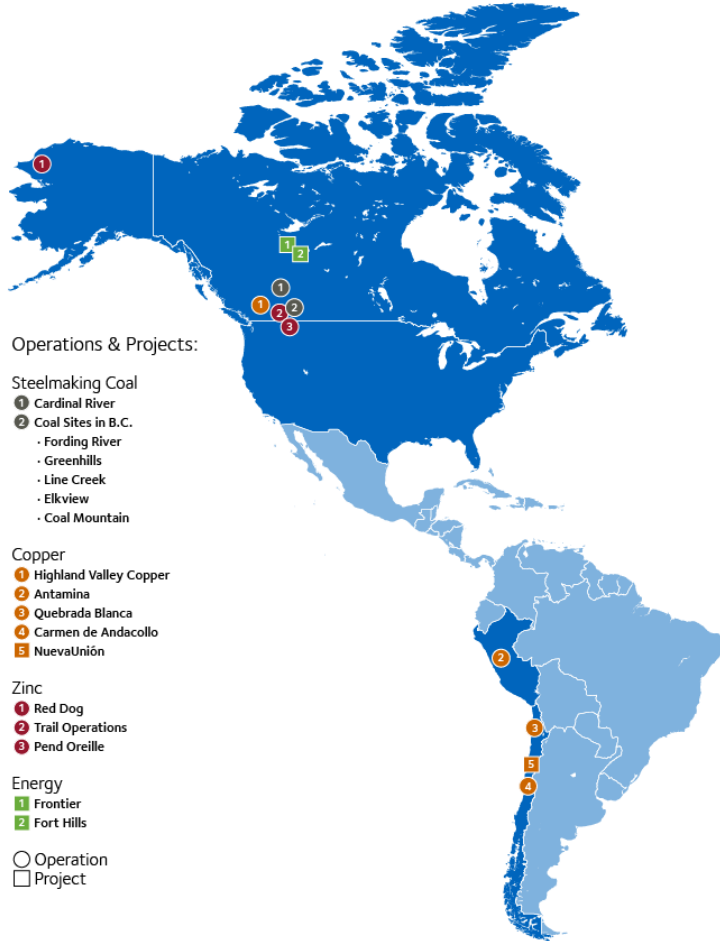
We assume no obligation to update forward-looking statements except as required under securities laws. Further information concerning assumptions, risks and uncertainties associated with these forward-looking statements and our business can be found in our most recent Annual Information Form, as well as subsequent filings of our management's discussion and analysis of quarterly results, all filed under our profile on SEDAR ([www.sedar.com](http://www.sedar.com)) and on EDGAR ([www.sec.gov](http://www.sec.gov)).

Teck Overview & Strategy

Commodity Market Observations

Teck Update

# Attractive Portfolio of Long-Life Assets In Low Risk Jurisdictions



Steelmaking Coal



Copper



Zinc



Energy

# Consistent Long-Term Strategy

Teck

Diversified business model

Attractive portfolio of long life assets

Low half of the cost curve

Appropriate scale

Low risk jurisdictions

Quality organic growth

# The Value of our Diversified Business Model **Teck**

## Leverage to Strong Steelmaking Coal & Zinc Markets in 2017

|          | Mid-Point of Production Guidance | Unit of Change           | Effect on Annual Estimated Profit <sup>3</sup> | Effect on Annual Estimated EBITDA <sup>1</sup> |
|----------|----------------------------------|--------------------------|--|--|
| \$C/\$US |                                  | C\$0.01                  | C\$42M /\$0.01Δ                                | C\$68M /\$0.01Δ                                |
| Coal     | 27.5 Mt                          | US\$1/tonne <sup>2</sup> | C\$21M /\$1Δ                                   | C\$32M /\$1Δ                                   |
| Copper   | 282 kt                           | US\$0.01/lb              | C\$5M /\$0.01Δ                                 | C\$7M /\$0.01Δ                                 |
| Zinc     | 904 kt                           | US\$0.01/lb              | C\$9M /\$0.01Δ                                 | C\$13M /\$0.01Δ                                |

1. Non-GAAP financial measure. See "Use of Non-GAAP Financial Measures" section of our quarterly news releases for further information. Annual effect based on commodity prices and our balance sheet as of February 14, 2017 and a C\$/US\$ exchange rate of 1.30. Assumes the midpoint of 2017 guidance ranges. Zinc effect on annual estimated EBITDA was updated as of April 24, 2017 and includes 602 kt of zinc in concentrate and 302 kt of refined zinc.

2. Based on a US\$1/tonne change in benchmark premium steelmaking coal price.

Teck Overview & Strategy

Commodity Market Observations

Teck Update



## Price Spike Q4 2016

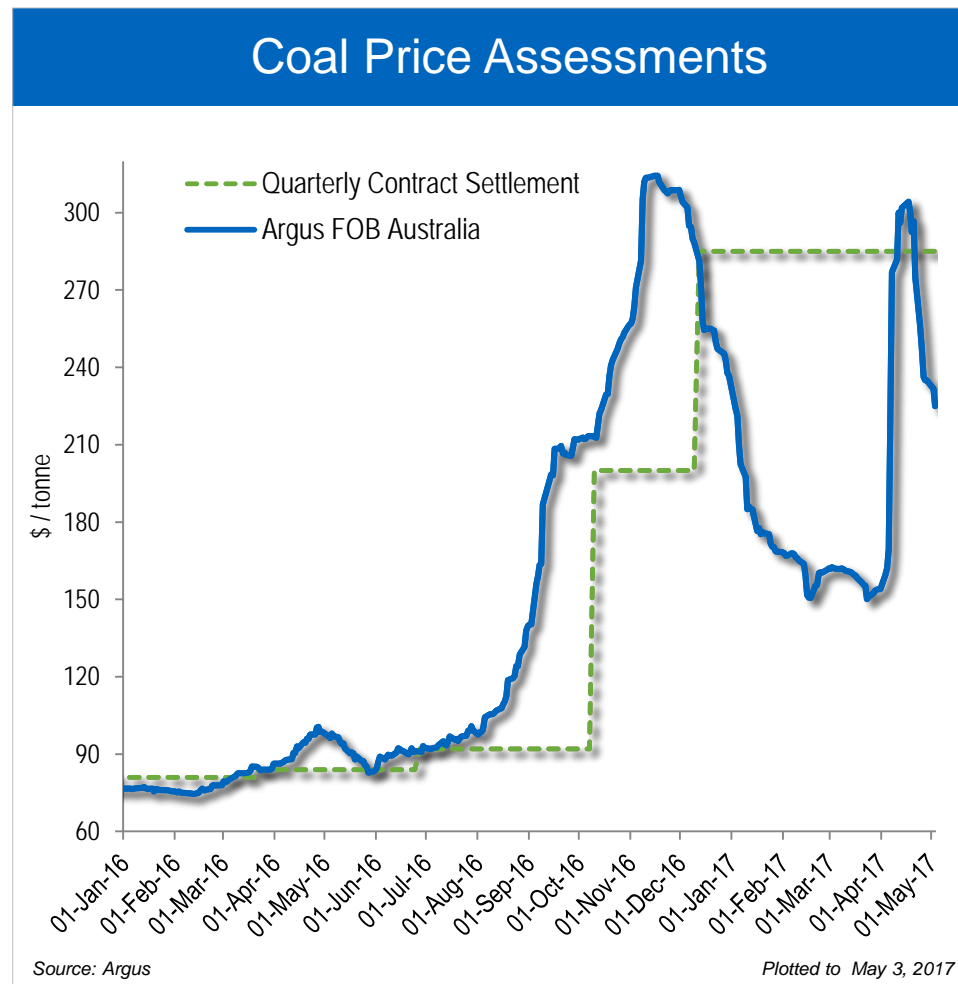
- Price induced closures globally
- Supply disruptions from weather & temporary mine failures
- Inventory build by mills due concern about supply disruptions
- Chinese policy

## Price Correction Q1 2017

- Price induced supply response
- Inventory drawdown by mills as no signs of supply disruptions
- Chinese policy

## Price Spike April 2017

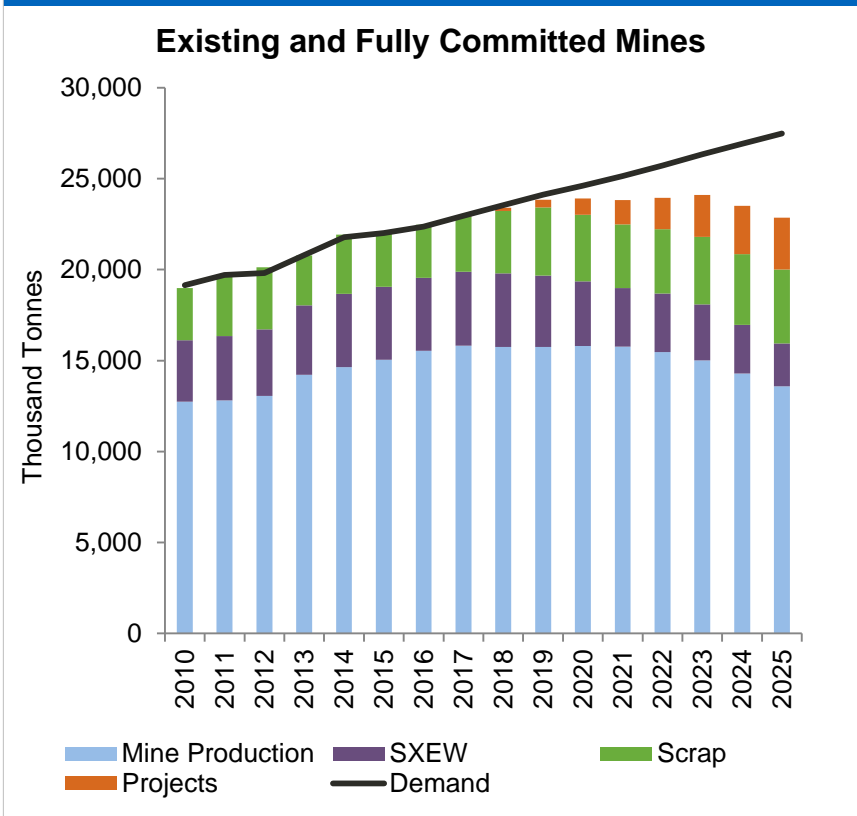
- Cyclone Debbie disrupts Australian supply



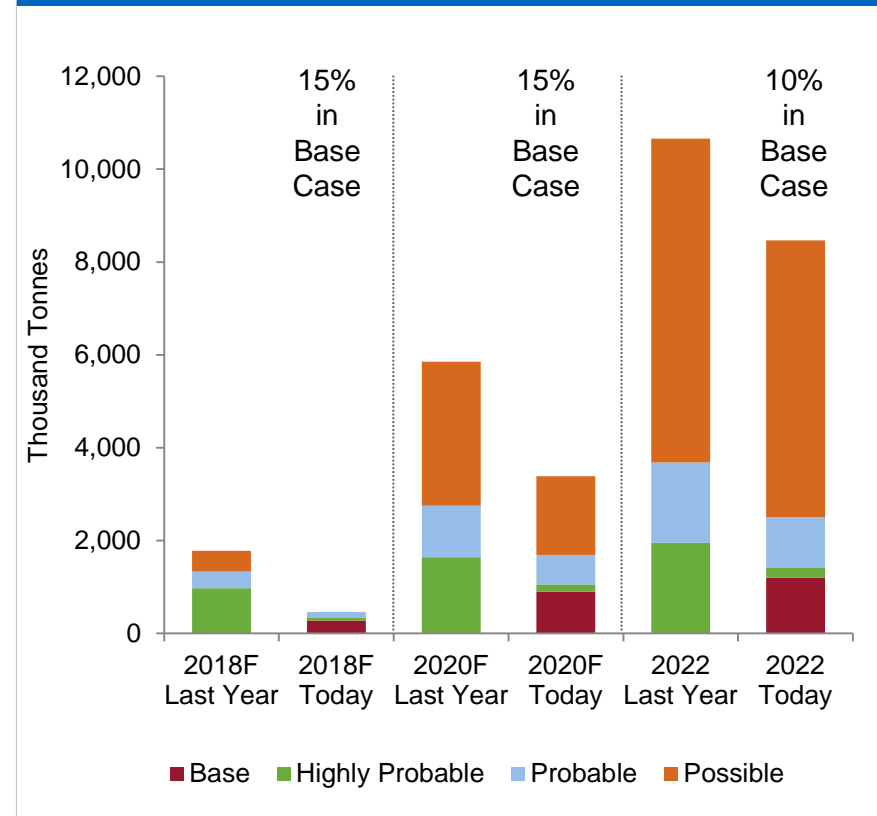
Prices driven >US\$300 for the fourth time since 2008

# Slowing Copper Mine Production Growth

## Copper Production Expected to Decrease



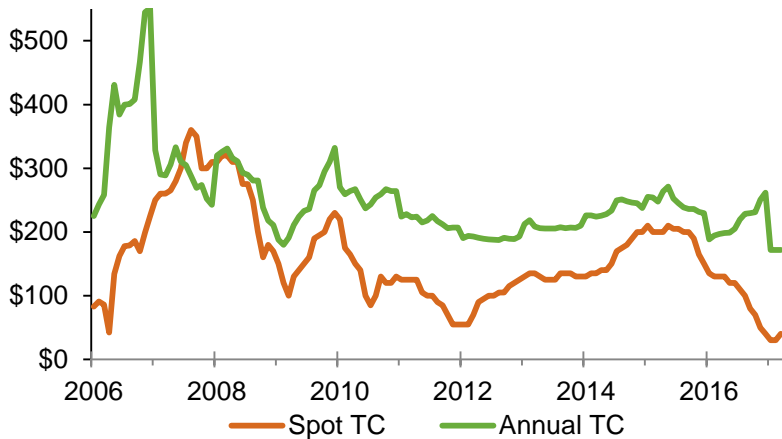
## Uncommitted Projects Increasingly Delayed



Committed and operating mine production peaking & replacement projects delayed

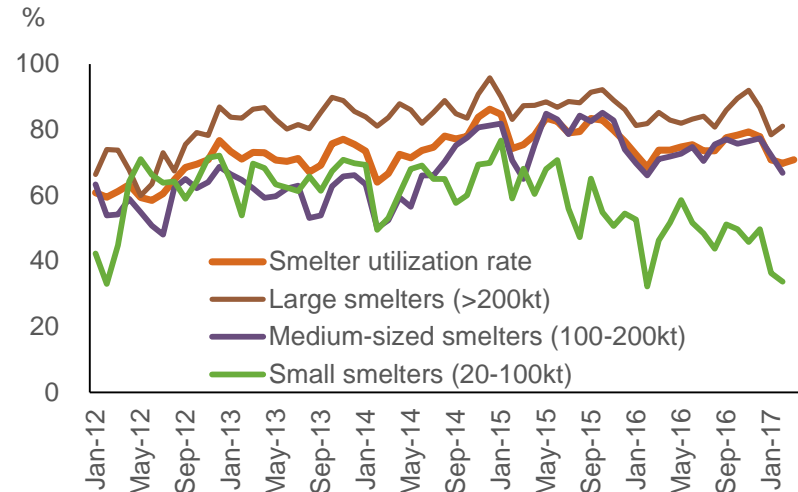
# Multiple Signs of Tightness in Zinc Market

## TCs Fall to Historic Lows

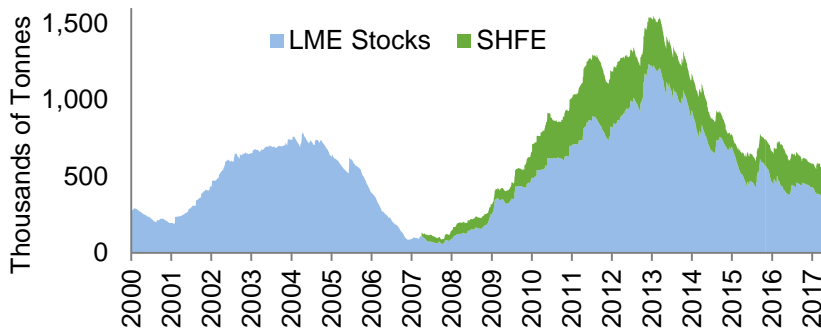


Source: Teck, CRU, Wood Mackenzie

## Chinese Smelter Utilization Falls

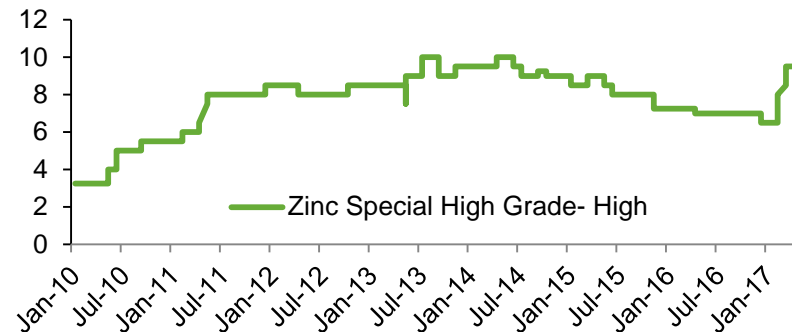


## LME/SHFE Stocks Declining

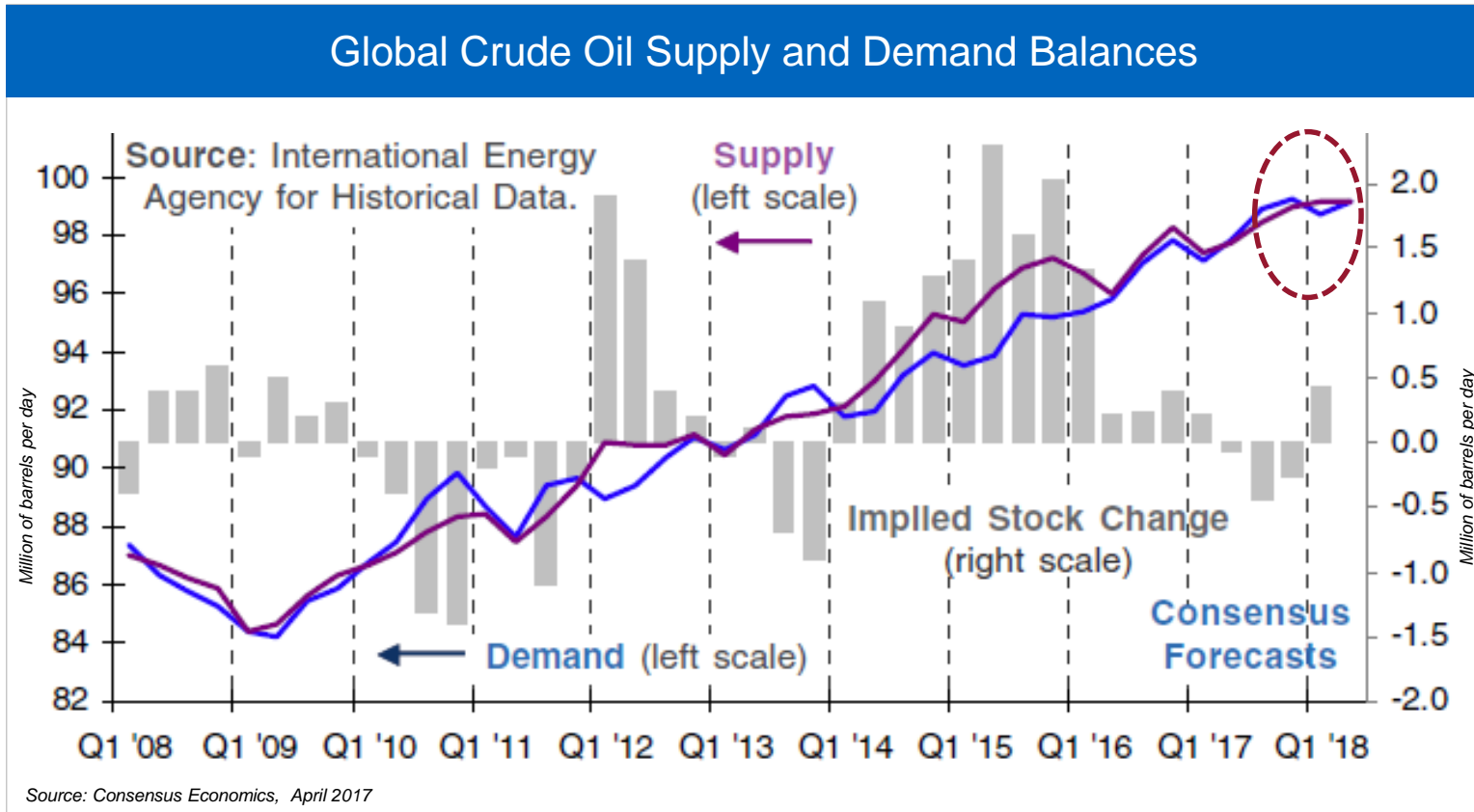


Source: LME/SHFE

## US Premiums Spike Higher



Source: LME/SHFE



Fort Hills first production may coincide with forecasted supply deficit

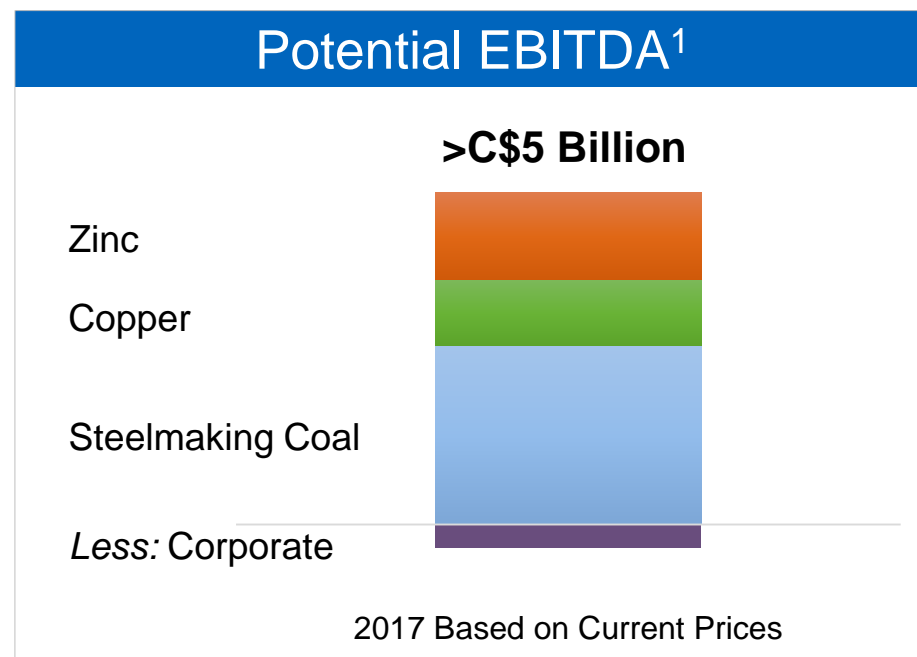
Teck Overview & Strategy

Commodity Market Observations

Teck Update

- Record coal sales in March
- Adjusted EBITDA of \$1.5B<sup>1,2</sup>
- Gross profit up >\$1B<sup>1,3</sup>
- Repurchased ~US\$1B notes outstanding
- Fort Hills construction >83% complete
- Reported annual zinc concentrate treatment charges decrease significantly in favour of miners

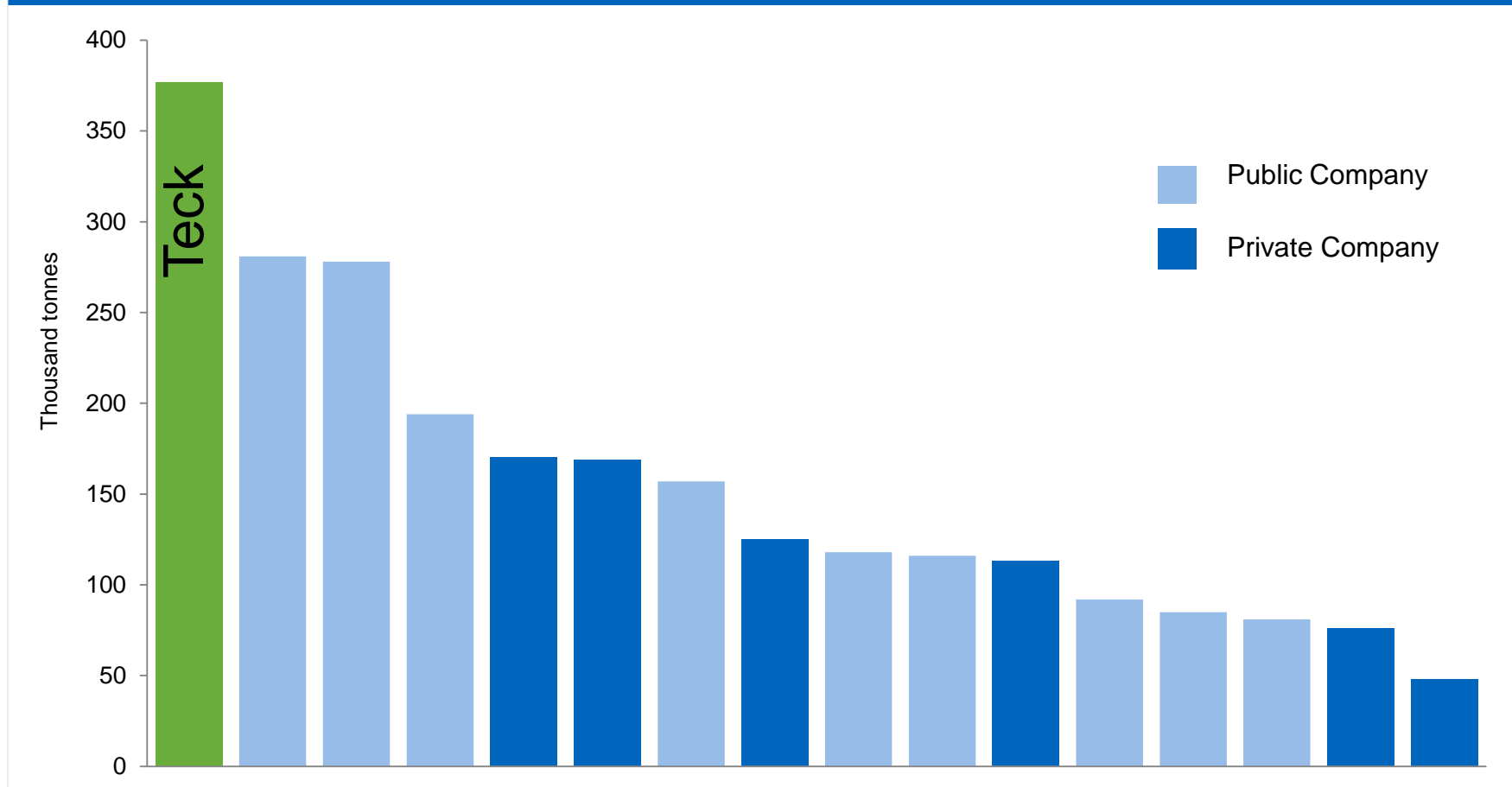
- Strong operating margins
- Significant leverage to coal, copper and zinc prices



Energy starts contributing EBITDA<sup>1</sup> in 2018

1. Non-GAAP financial measures. See "Use of Non-GAAP Financial Measures" section of our quarterly news releases for further information. Estimates are based on the mid-point of our 2017 production guidance ranges and assume a C\$/US\$ exchange rate of 1.30 and our typical steelmaking coal sales mix of 40% contract and 60% spot. The steelmaking coal price assumption is based on a combination of our Q1 2017 realized price of US\$213 per tonne, and an assumed quarterly contract benchmark price of US\$155 per tonne and an average realized price of 92% of the contract price for the balance of the year. Base metal price assumptions are based on the 2017 year to date average copper price of US\$2.60 per pound and average zinc price of US\$1.25 per pound. Actual prices will vary, and operating performance and sales may vary materially for a variety of reasons, causing these production and sales estimates to be materially incorrect. These estimates are based on numerous assumptions, and are subject to various risks and uncertainties that may cause results to vary materially. Please see the Cautionary Note on Forward-Looking Information at the beginning of this presentation for more specific information.

## Teck is the Largest Net Miner Provides Increased Exposure to Zinc Price





## Giga Steel

Ultrahigh-strength & galvanizable competes well with aluminum.



## Zinc Thermal Spray

Portable technology to spray molten zinc onto a steel surface.



## Continuous Galvanized Rebar

High productivity process which enables coated rebar to be shaped in the field.



## Zinc Micro-Nutrient Fertilizer

Zinc micronutrient in fertilizer well accepted and growing market.



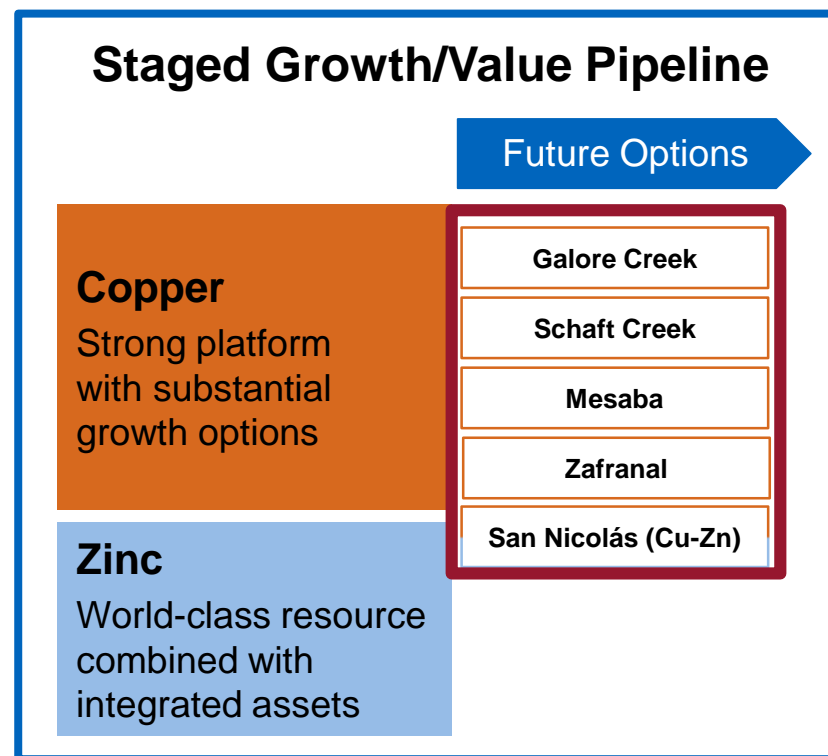
# Fort Hills Project Status & Progress



- Construction >83% complete
- 4 of 6 areas turned over to Operations
- >60% operations personnel hired
- First oil end of 2017

- 
- ✓ Potential top 15 copper producer globally
    - 300 ktpa copper equivalent production in first 5 years
  - ✓ Total costs (AISC) well in low half of cost curve
    - Exceptionally low strip ratio
  - ✓ Initial mine life 25 years with ~25% of reserves & resources
    - Optionality for expansion or much longer life
  - ✓ Attractive capital intensity
    - Development capital costs reduced significantly
  - ✓ Familiar, mining-friendly jurisdiction

- **Situation:** Strong base metal growth options largely invisible to the market
- **Objective:** To surface the value in 3-5 years
- Possible routes to value realization include:
  - Prudent funding to increase certainty of development
  - Work with development partner(s) to advance in a timely manner
  - IPO, sell down and/or divest at the appropriate time
  - Build as a Teck project

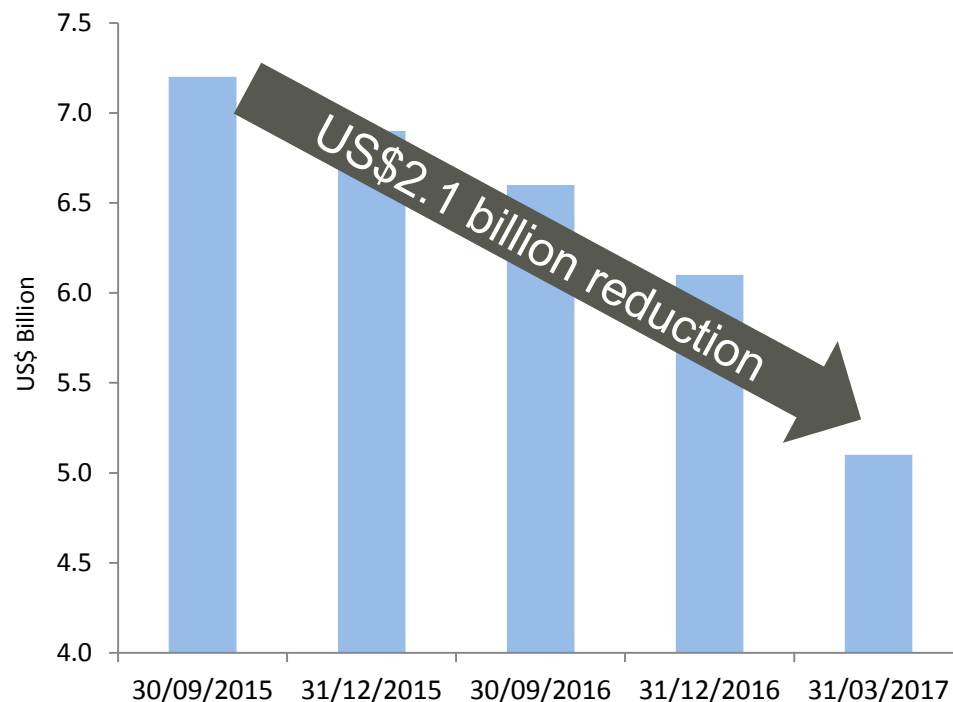


# Achieved Significant Debt Reduction

## Current Debt Portfolio<sup>1</sup>

|   |           |
|---|-----------|
| Public notes outstanding                    | US\$5.1B  |
| Average coupon                              | 5.7%      |
| Annual interest savings                     | ~US\$55M  |
| Weighted average term to maturity           | ~15 years |
| Debt to debt-plus-equity ratio <sup>2</sup> | 27%       |
| Undrawn credit facility                     | US\$3.0B  |

## Notes Outstanding




Tender offer to purchase US\$1B of outstanding public notes completed on March 8, 2016

1. As at April 24, 2017.

2. Our revolving credit facility requires a debt to debt-plus-equity ratio of <50%. Non-GAAP financial measures. See "Use of Non-GAAP Financial Measures" section of our quarterly news releases for further information.

- Increased the dividend
  - Annualized dividend of \$0.20/share
  - Payment quarterly
- Shift in dividend policy to align with cyclical nature of our business
  - Variable component, at the Board's discretion

- 
- A photograph of a worker in a red safety vest and white hard hat standing on a rocky ridge, looking out over a vast, forested valley with mountains in the background. The worker is positioned in the lower-left foreground, facing away from the camera. The landscape is rugged and scenic, with a mix of rocky terrain and dense evergreen forests. The sky is clear and blue.
- Continuing to execute for higher production per share
    - No equity dilution
    - No operating assets sold
    - Investing in production growth from Fort Hills
    - Maintaining strong liquidity
    - Reducing debt & managing maturities
  - Benefiting from the right commodity mix at the right time
  - Reducing debt
  - High quality organic growth options



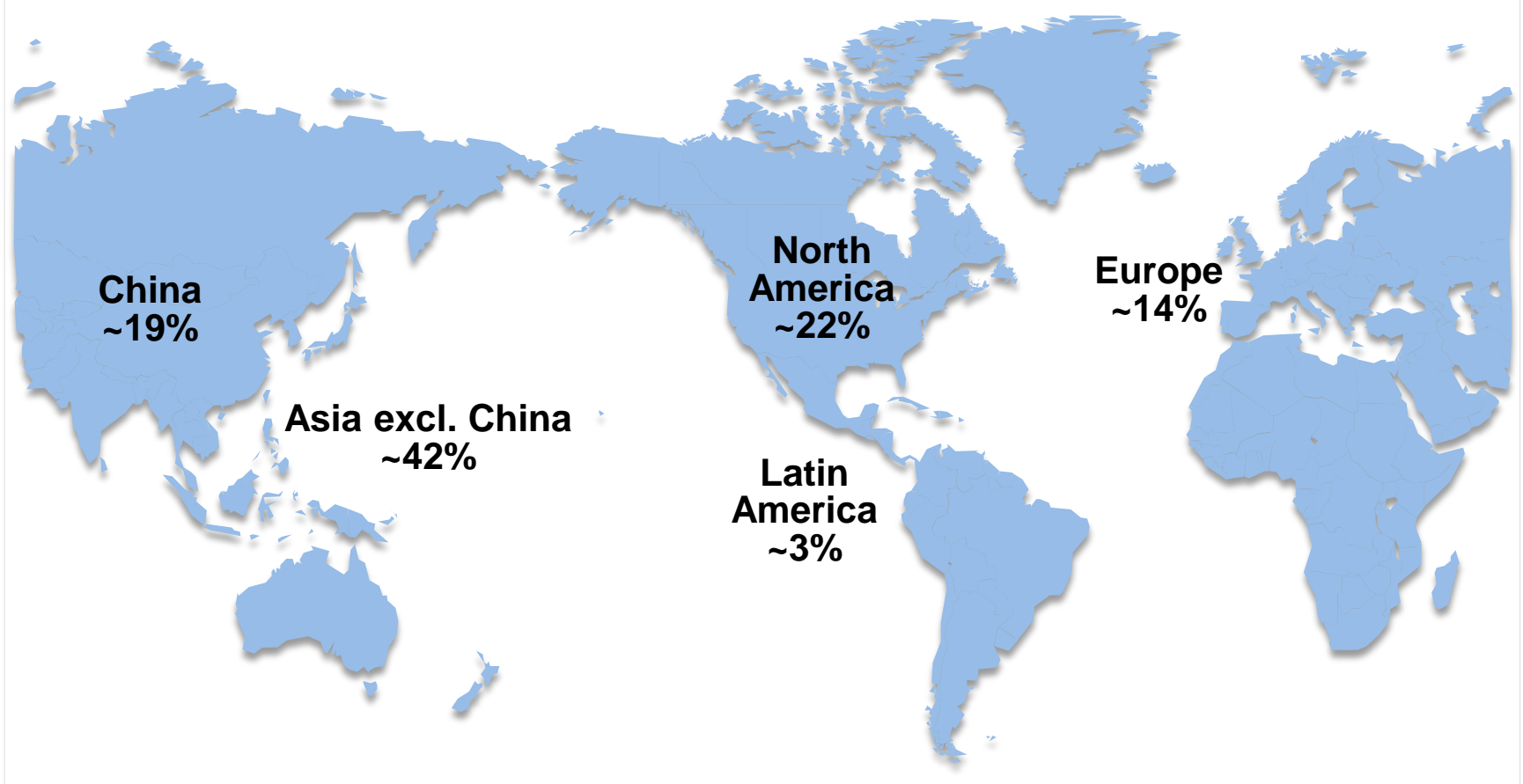


# Diversified Global Customer Base

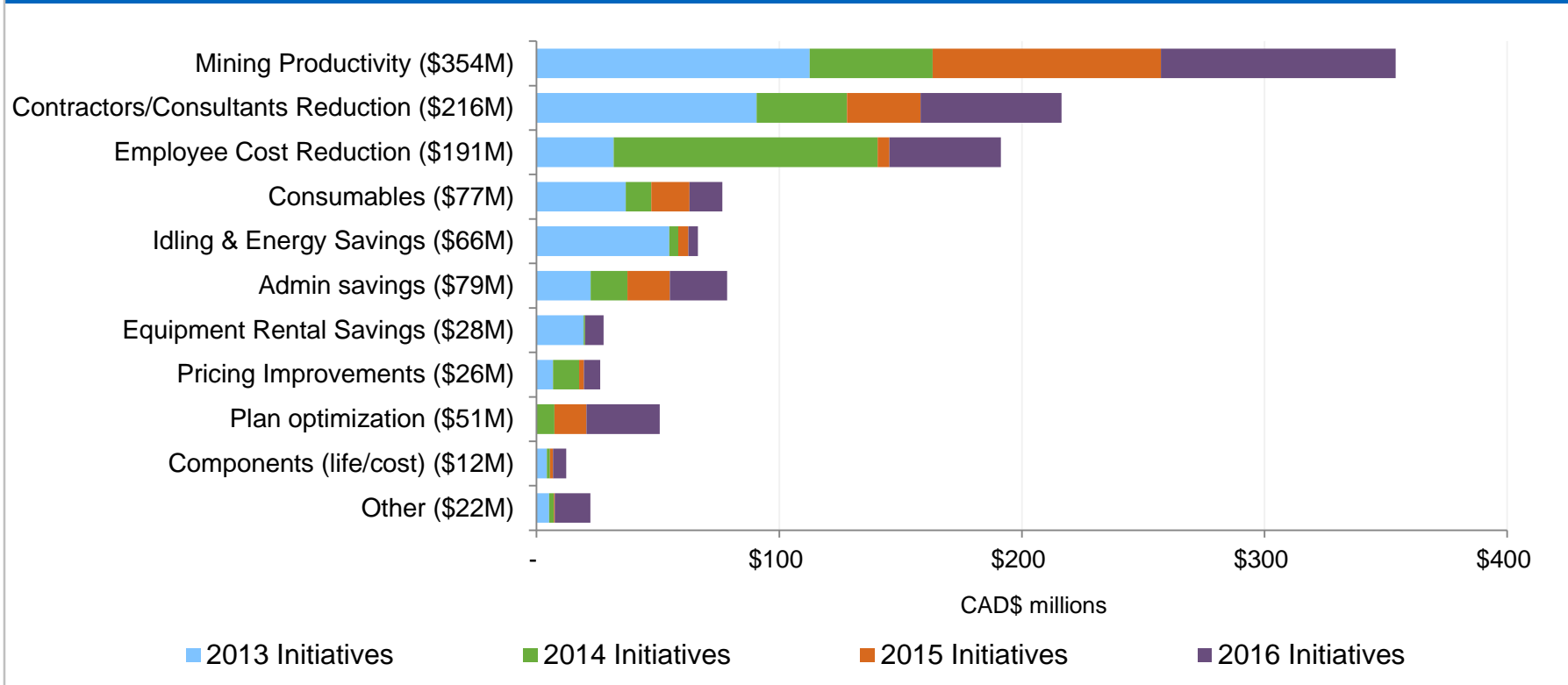
*Exposure to Recovery in Developed Markets  
As well as Growing Emerging Markets*

**Teck**

## Revenue Contribution from Diverse Markets\*



## Annualized Savings from Major Cost Reduction Program Initiatives



Largest savings from mining productivity

# Solid Record of Delivery Against Guidance

# Teck

### 2012 Guidance Achieved

| Production / Costs  | 2012 Guidance | 2012 Actual | Achieved |
|---------------------|---------------|-------------|----------|
| Coal                | 24.5 – 25.5Mt | 24.7Mt      | ✓        |
| Coal site costs     | \$72 – 78/t   | \$72/t      | ✓        |
| Copper              | 350 – 375kt   | 373kt       | ✓        |
| Zinc in Concentrate | 580-610kt     | 598kt       | ✓        |
| Refined Zinc        | 280 – 290kt   | 284kt       | ✓        |

### 2013 Results Met or Exceeded Guidance...Again

|                                | 2013 Guidance | 2013 Actual |  |
|--------------------------------|---------------|-------------|--|
| <b>Steelmaking Coal</b>        |               |             |  |
| Coal production                | 24.5–25.5 Mt  | ✓ 25.6 Mt   | Record coal sales                              |
| Coal site costs                | \$51-58 /t    | ✓ \$51 /t   | Cost reduction >10%                            |
| <b>Copper</b>                  |               |             |  |
| Copper production              | 340–360 kt    | ✓ 364 kt    | Second highest copper production year          |
| <b>Zinc</b>                    |               |             |  |
| Zinc in concentrate production | 560-590 kt    | ✓ 623 kt    | Record annual throughput at Red Dog & Antamina |
| Refined zinc production        | 280–290 kt    | ✓ 290 kt    |  |

### Solid Delivery Against 2014 Guidance

|   | Original Guidance | Actual Results         |   |
|---|-------------------|------------------------|---|
| <b>Steelmaking Coal</b>                     |                   |                        |   |
| Coal production                             | 26–27 Mt          | ✓ 26.7 Mt              | Record coal production                              |
| Coal site costs                             | C\$55-60/t        | ✓ C\$54/t <sup>1</sup> |   |
| Coal transportation costs                   | C\$38-42/t        | ✓ C\$38/t              |   |
| Combined coal costs                         | C\$93-102/t       | ✓ C\$92/t              |   |
| Combined coal costs                         | US\$84-92/t       | ✓ US\$84/t             |   |
| <b>Copper</b>                               |                   |                        |   |
| Copper production                           | 320–340 kt        | ✓ 333 kt               | Record throughput at Antamina                       |
| Copper cash unit costs <sup>2</sup>         | US\$1.70-1.90/lb  | ✓ US\$1.65/lb          |   |
| <b>Zinc</b>                                 |                   |                        |   |
| Zinc in concentrate production <sup>3</sup> | 555-585kt         | ✓ 660 kt               | Record at Red Dog                                   |
| Refined zinc production                     | 280–290 kt        | x 277 kt               | Higher production 2H14 (2014: 123 kt, 2014: 143 kt) |
| <b>Capital Expenditures<sup>4</sup></b>     | \$1,905M          | ✓ \$1,498M             | Significant capex reduction                         |

<sup>1</sup> Including inventory adjustments.  
<sup>2</sup> Net of by-product credits.  
<sup>3</sup> Including co-product zinc production from our copper business unit.  
<sup>4</sup> Excluding capitalized stripping.

### Solid Delivery Against 2015 Guidance

|  | Guidance         | Results            |                                    |
|--|------------------|--------------------|------------------------------------|
| <b>Steelmaking Coal</b>                      |                  |                    |                                    |
| Production <sup>1</sup>                      | 25–26 Mt         | ✓ 25.3 Mt          |                                    |
| Site costs                                   | C\$49-53/t       | ✓ C\$46/t          |                                    |
| Transportation costs                         | C\$37-40/t       | ✓ C\$36/t          |                                    |
| Combined costs <sup>2</sup>                  | C\$86-93/t       | ✓ C\$83/t US\$64/t | Lower unit costs at all mines      |
| <b>Copper</b>                                |                  |                    |                                    |
| Production                                   | 340-360 kt       | ✓ 358 kt           | Record mill throughput at Antamina |
| Cash unit costs <sup>3</sup>                 | US\$1.45-1.55/lb | ✓ US\$1.45/lb      | Lower unit costs at all mines      |
| <b>Zinc</b>                                  |                  |                    |                                    |
| Metal in concentrate production <sup>4</sup> | 635-665 kt       | ✓ 658 kt           |                                    |
| Refined production                           | 280–290 kt       | ✓ 307 kt           | Record production at Trail         |
| <b>Capital Expenditures<sup>5</sup></b>      | \$2.3B           | ✓ \$2.2B           | Lower capex                        |

<sup>1</sup> Reflects mid-year revision for temporary shut-downs.  
<sup>2</sup> Combined coal costs are site costs, inventory adjustments and transportation costs.  
<sup>3</sup> Net of by-product credits.  
<sup>4</sup> Including co-product zinc production from our copper business unit.  
<sup>5</sup> Including capitalized stripping.

### Solid Delivery Against 2016 Guidance

|  | Guidance                 | Results                             |                   |
|--|--------------------------|-------------------------------------|-------------------|
| <b>Steelmaking Coal</b>                      |                          |                                     |                   |
| Production                                   | 25-26 Mt                 | ✓ 27.6 Mt                           | Record production |
| Site costs                                   | \$45-49/t                | ✓ \$43/t                            |                   |
| Capitalized stripping                        | \$11/t <sup>1</sup>      | ✓ \$10/t                            |                   |
| Transportation costs                         | \$35-37/t                | ✓ \$34/t                            |                   |
| Total cash unit costs <sup>2,3</sup>         | \$91-97/t                | ✓ US\$69-73/t US\$67/t <sup>4</sup> | Lower unit costs  |
| <b>Copper</b>                                |                          |                                     |                   |
| Production                                   | 305-320 kt               | ✓ 324 kt                            |                   |
| C1 unit costs <sup>5</sup>                   | US\$1.50-1.60/lb         | ✓ US\$1.35/lb                       |                   |
| Capitalized stripping                        | US\$0.21/lb <sup>1</sup> | ✓ US\$0.17/lb                       |                   |
| Total cash unit costs <sup>3,6</sup>         | US\$1.71-1.81/lb         | ✓ US\$1.52/lb                       | Lower unit costs  |
| <b>Zinc</b>                                  |                          |                                     |                   |
| Metal in concentrate production <sup>7</sup> | 630-665 kt               | ✓ 662 kt                            |                   |
| Refined production                           | 290-300 kt               | ✓ 312 kt                            | Record production |
| <b>Capital Expenditures<sup>8</sup></b>      | \$2.0B                   | ✓ \$1.9B                            | Lower capex       |

<sup>1</sup> Agreements, based on capitalized stripping guidance and mid-point of production guidance range.  
<sup>2</sup> Steelmaking cash unit cost of sales include site costs, inventory adjustments, collective agreements' charges and transport costs. Total cash unit costs are unit cost of sales plus capitalized stripping. US dollar unit costs assume a Canadian dollar to US dollar exchange rate of 1.33 in 2016 and 1.38 in 2017.  
<sup>3</sup> Non-Global financial measures. See Use of Financial Measures in our quarterly results news releases for additional information.  
<sup>4</sup> Includes one-time collective agreements' settlement charges of \$2 per tonne.  
<sup>5</sup> Net of by-product credits.  
<sup>6</sup> Copper total cash unit costs include cash C1 unit costs (after by-product credits) and capitalized stripping.  
<sup>7</sup> Including co-product zinc production from our copper business unit.  
<sup>8</sup> Including capitalized stripping.

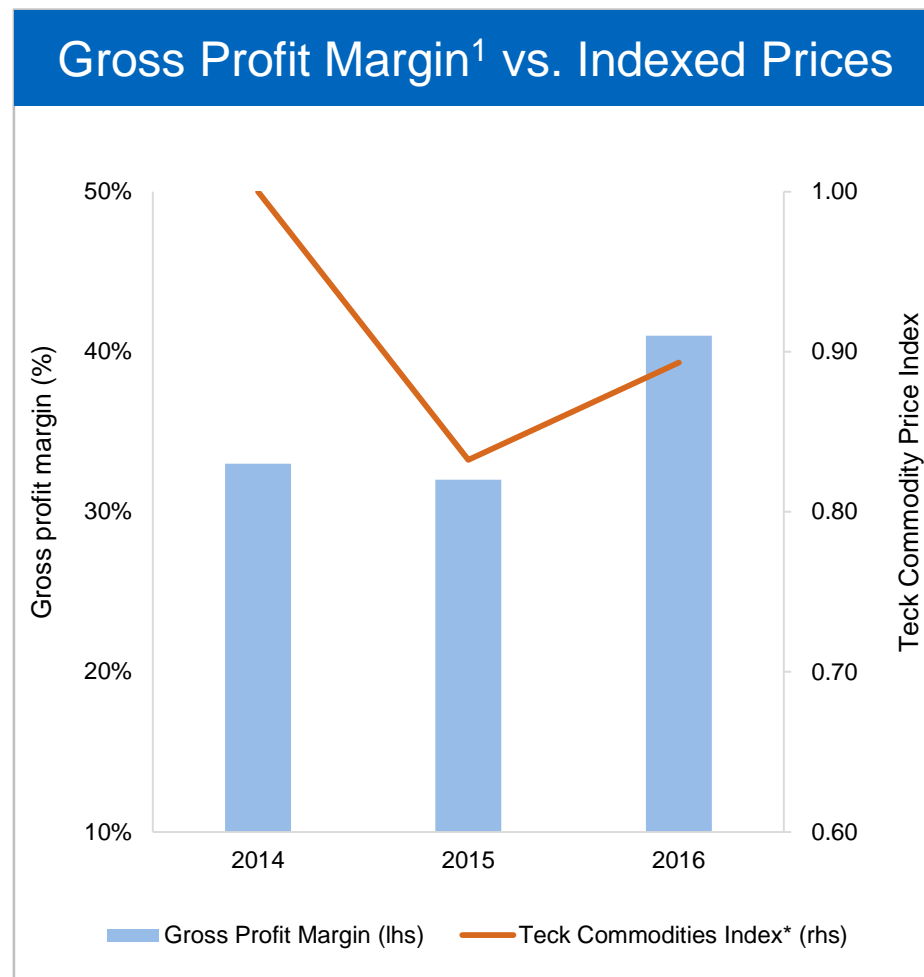
# Solid Delivery Against 2016 Guidance

|  | Guidance                 |   | Results                                      |                   |
|--|--------------------------|---|--|-------------------|
| <b>Steelmaking Coal</b>                      |                          |   |  |                   |
| Production                                   | 25-26 Mt                 | ✓ | 27.6 Mt                                      | Record production |
| Site costs                                   | \$45-49/t                | ✓ | \$43/t                                       |                   |
| Capitalized stripping                        | \$11/t <sup>1</sup>      | ✓ | \$10/t                                       |                   |
| Transportation costs                         | \$35-37/t                | ✓ | \$34/t                                       |                   |
| Total cash unit costs <sup>2,3</sup>         | \$91-97/t<br>US\$69-73/t | ✓ | \$89/t <sup>4</sup><br>US\$67/t <sup>4</sup> | Lower unit costs  |
| <b>Copper</b>                                |                          |   |  |                   |
| Production                                   | 305-320 kt               | ✓ | 324 kt                                       |                   |
| C1 unit costs <sup>5</sup>                   | US\$1.50-1.60/lb         | ✓ | US\$1.35/lb                                  |                   |
| Capitalized stripping                        | US\$0.21/lb <sup>1</sup> | ✓ | US\$0.17/lb                                  |                   |
| Total cash unit costs <sup>3,6</sup>         | US\$1.71-1.81/lb         | ✓ | US\$1.52/lb                                  | Lower unit costs  |
| <b>Zinc</b>                                  |                          |   |  |                   |
| Metal in concentrate production <sup>7</sup> | 630-665 kt               | ✓ | 662 kt                                       |                   |
| Refined production                           | 290-300 kt               | ✓ | 312 kt                                       | Record production |
| <b>Capital Expenditures<sup>8</sup></b>      | <b>\$2.0B</b>            | ✓ | <b>\$1.9B</b>                                | Lower capex       |

1. Approximate, based on capitalized stripping guidance and mid-point of production guidance range.
2. Steelmaking coal unit cost of sales include site costs, inventory adjustments, collective agreement charges and transport costs. Total cash unit costs are unit cost of sales plus capitalized stripping. US dollar unit costs assume a Canadian dollar to US dollar exchange rate of 1.33 in 2016 and 1.30 in 2017.
3. Non-GAAP financial measures. See 'Use of Non-GAAP Financial Measures' in our quarterly results news releases for additional information.
4. Includes one-time collective agreement settlement charges of \$2 per tonne.
5. Net of by-product credits.
6. Copper total cash unit costs include cash C1 unit costs (after by-product margins) and capitalized stripping.
7. Including co-product zinc production from our copper business unit.
8. Including capitalized stripping.

# Higher Margin Despite Lower Prices

- Average commodity prices dropped 11% in 2014-2016
- 8-point margin improvement, driven by cost management program
  - Implemented in 2013
  - Focused on productivity
  - Reduced unit costs
  - Lowered corporate costs



<sup>1</sup> Before depreciation and amortization.

\* The Teck Commodities Index reflects an equal weighting of steelmaking coal, copper and zinc prices, with each price rebased to 100 in 2014.

|  | 2016 Results       | 2017 Guidance*            |
|--|--------------------|---------------------------|
| <b>Steelmaking Coal</b>                      |                    |                           |
| Production                                   | 27.6 Mt            | 27-28 Mt                  |
| Site costs                                   | \$43/t             | \$46-50/t                 |
| Capitalized stripping                        | \$10/t             | \$16/t <sup>1</sup>       |
| Transportation costs                         | \$34/t             | \$35-37/t                 |
| Total cash costs <sup>2, 3</sup>             | \$89/t<br>US\$67/t | \$97-103/t<br>US\$74-79/t |
| <b>Copper</b>                                |                    |                           |
| Production                                   | 324 kt             | 275-290 kt                |
| C1 unit costs <sup>4</sup>                   | US\$1.35/lb        | US\$1.40-1.50/lb          |
| Capitalized stripping                        | US\$0.17/lb        | US\$0.18/lb <sup>1</sup>  |
| Total cash costs <sup>4</sup>                | US\$1.52/lb        | US\$1.58-1.68/lb          |
| <b>Zinc</b>                                  |                    |                           |
| Metal in concentrate production <sup>5</sup> | 662 kt             | 590-615 kt                |
| Refined production                           | 312 kt             | 300-305 kt                |

\* As at April 24, 2017.

1. Approximate, based on capitalized stripping guidance and mid-point of production guidance range.

2. Average C\$/US\$ exchange rate of 1.33 in 2016. Assumes C\$/US\$ exchange rate of 1.30 in 2017.

3. Steelmaking coal unit cost of sales include site costs, inventory adjustments, collective agreement charges and transport costs. Total cash costs are unit cost of sales plus capitalized stripping.

4. Net of by-product credits. Copper total cash costs include cash C1 unit costs (after by-product margins) and capitalized stripping.

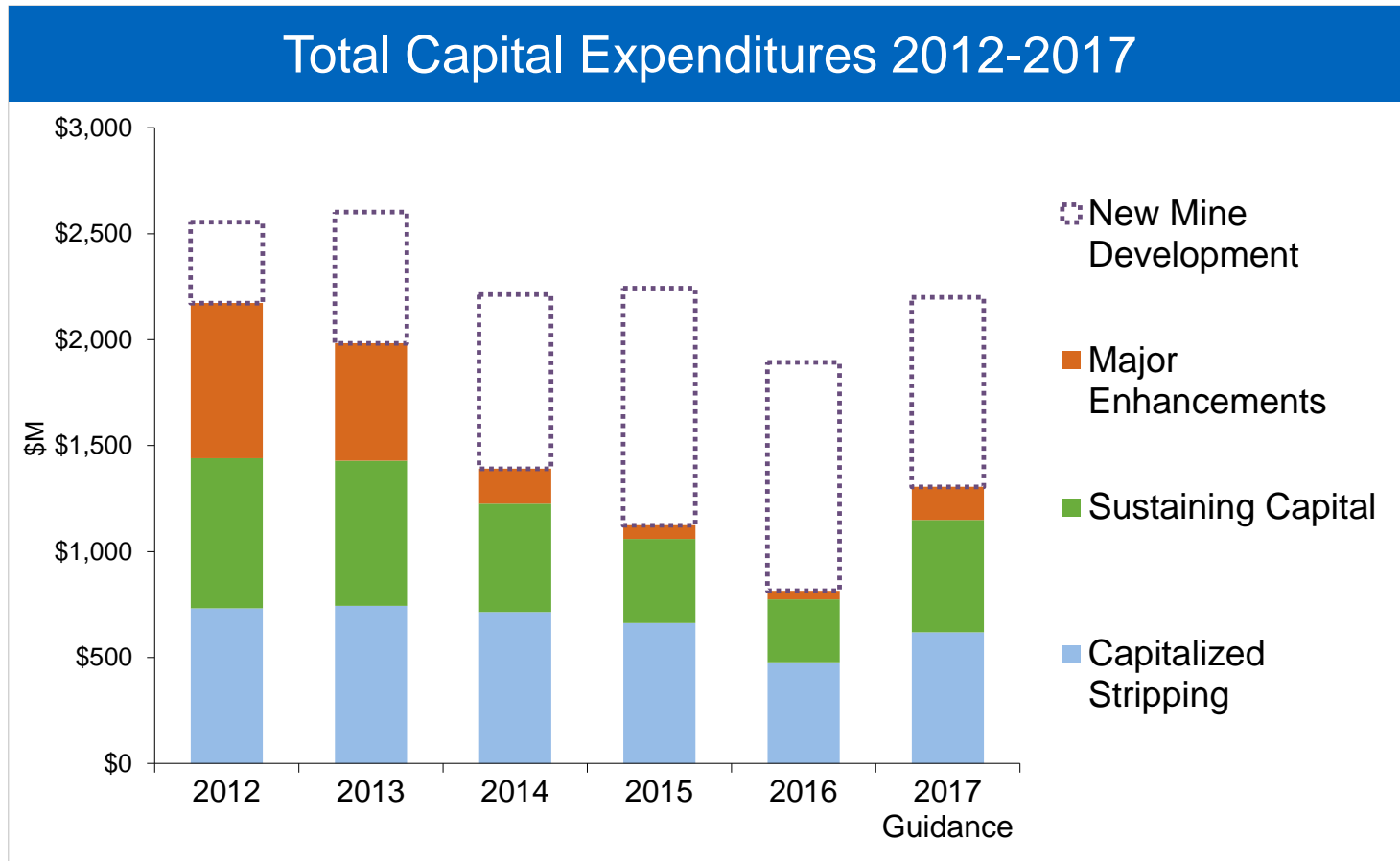
5. Including co-product zinc production from our Copper business unit.

# 2017 Capital Expenditures Guidance



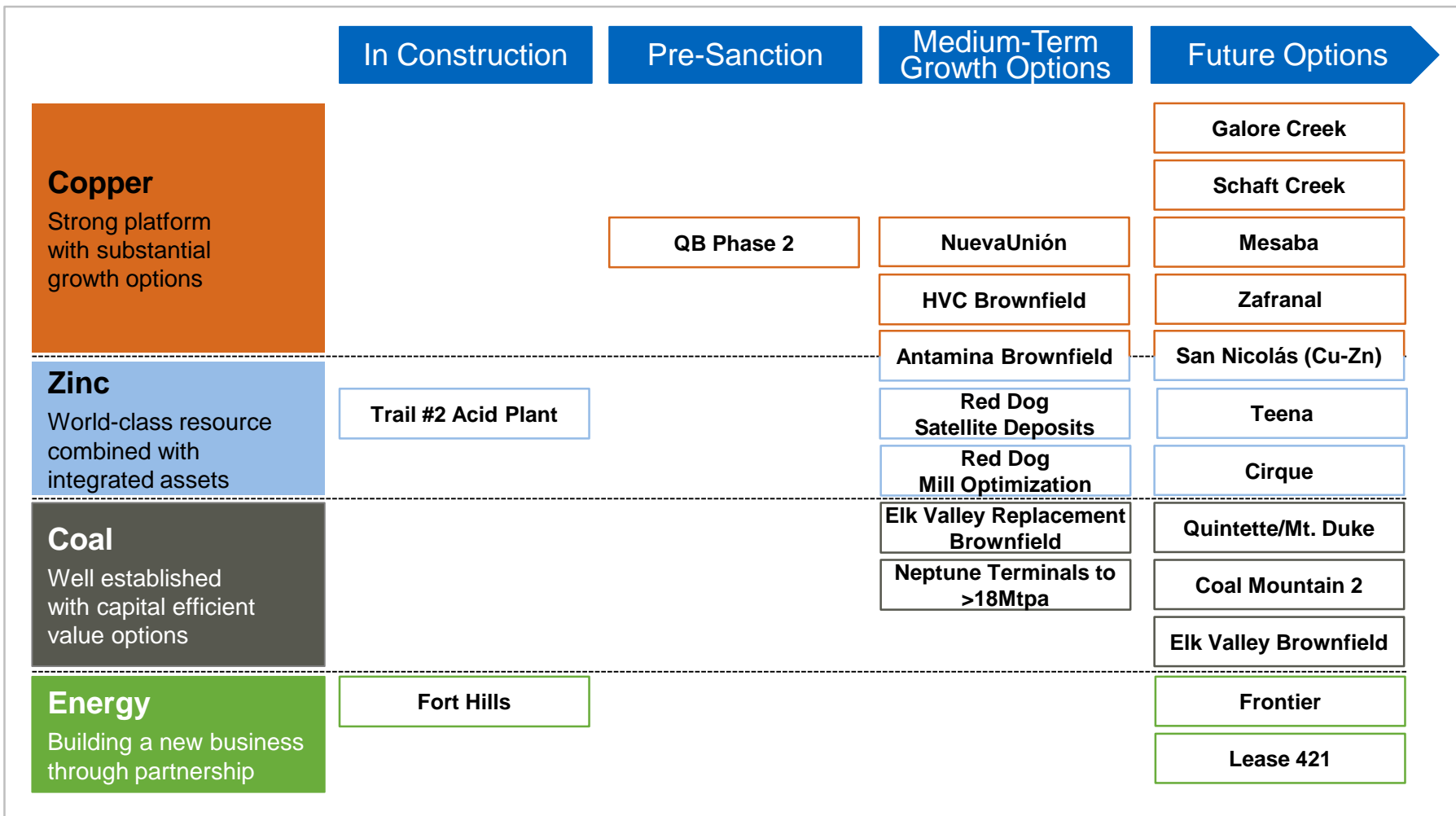
|              | (\$M) | Sustaining | Major Enhancement | New Mine Development | Sub-total    | Capitalized Stripping | Total        |
|--------------|-------|------------|-------------------|----------------------|--------------|-----------------------|--------------|
| Steelmaking  |       |            |                   |                      |              |                       |              |
| Coal         |       | 140        | 120               | -                    | 260          | 430                   | 690          |
| Copper       |       | 130        | 20                | 200                  | 350          | 140                   | 490          |
| Zinc         |       | 210        | 15                | 20                   | 245          | 50                    | 295          |
| Energy       |       | 50         | -                 | 675                  | 725          | -                     | 725          |
| <b>TOTAL</b> |       | <b>530</b> | <b>155</b>        | <b>895</b>           | <b>1,580</b> | <b>620</b>            | <b>2,200</b> |

Total capex of ~\$1.6B, plus capitalized stripping





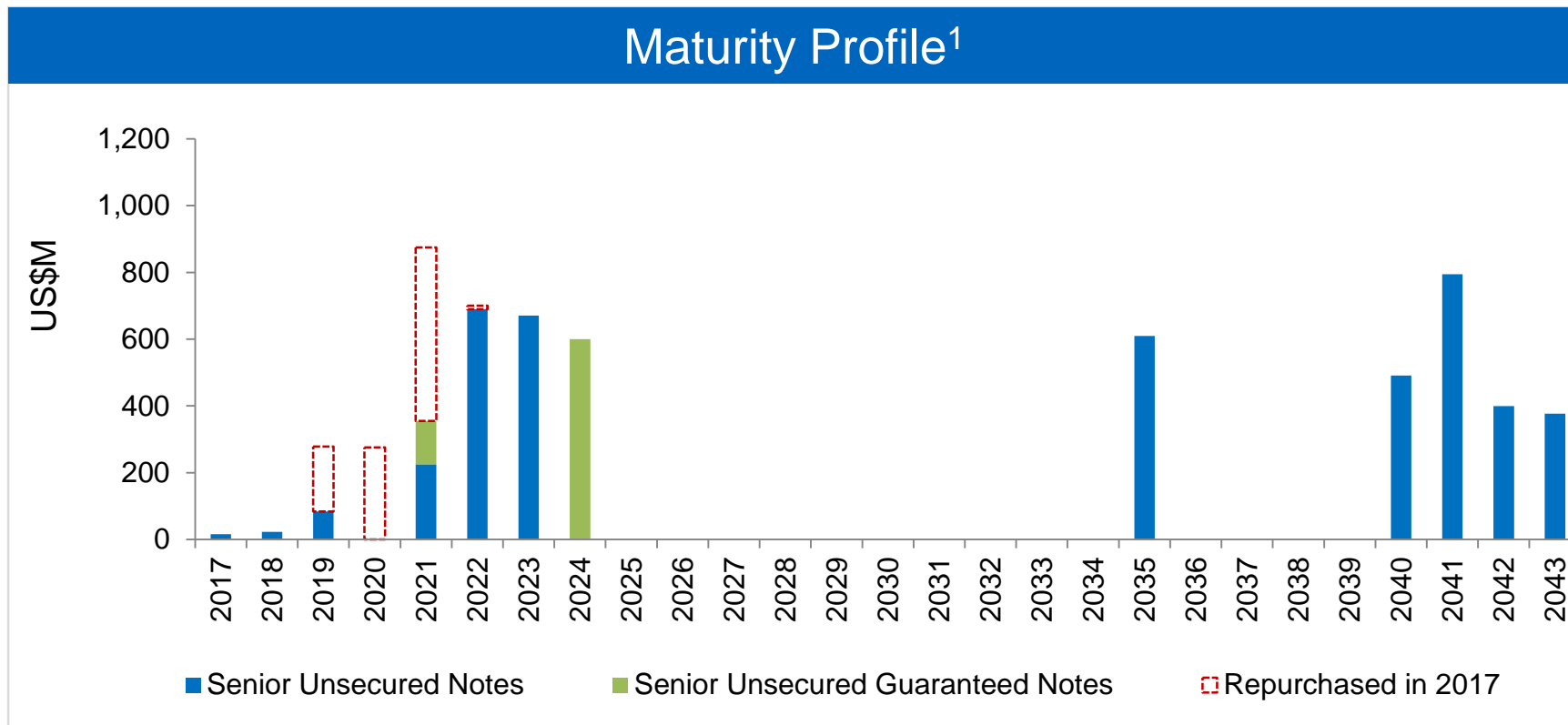
# Staged Growth/Value Pipeline



Strong platform combined with diverse portfolio of options allows us to be selective for risk/reward opportunity and timing

| Operation              | Expiry Dates                               |
|------------------------|--|
| Highland Valley Copper | <i>In Negotiation</i> - September 30, 2016 |
| Trail                  | May 31, 2017                               |
| Cardinal River         | June 30, 2017                              |
| Quebrada Blanca        | November 30, 2017                          |
|                        | January 31, 2019                           |
|                        | March 31, 2019                             |
| Quintette              | April 30, 2018                             |
| Antamina               | July 31, 2018                              |
| Coal Mountain          | December 31, 2018                          |
| Line Creek             | May 31, 2019                               |
| Carmen de Andacollo    | September 30, 2019                         |
|                        | December 31, 2019                          |
| Elkview                | October 31, 2020                           |
| Fording River          | April 30, 2021                             |

# No Substantial Maturities for 5 Years



Few maturities through potential QB2 construction period

## Issuer Credit Ratings

|                      | S&P              | Moody's             | Fitch              |
|----------------------|------------------|---------------------|--------------------|
| Investment Grade     | BBB              | Baa2                | BBB                |
|                      | BBB-             | Baa3                | BBB-               |
| Non-Investment Grade | BB+              | Ba1                 | BB+                |
|                      | <b>BB stable</b> | Ba2                 | <b>BB positive</b> |
|                      | BB-              | <b>Ba3 positive</b> | BB-                |

### Supported by:

- Diversified business model
- Low risk jurisdictions
- Low cost assets
- Conservative financial policies
- Significant cost reductions
- Capital discipline
- Excellent operating execution
- Increasing coal production
- Responsible dividend
- Reducing debt

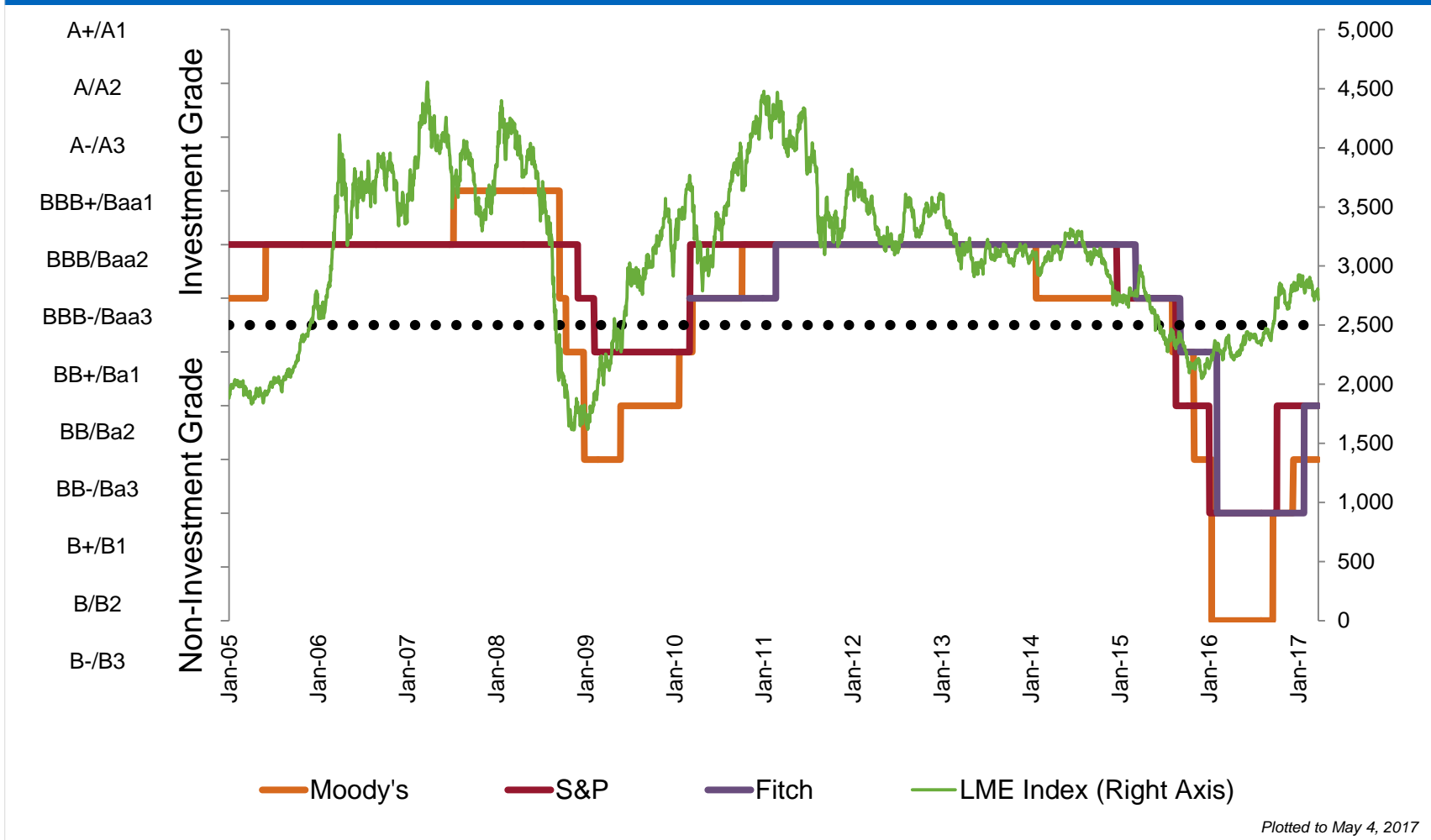
### Constrained by:

- Debt-to-EBITDA\*, due to improving metrics

Debt reduction is a priority

# Credit Ratings Reflect Commodity Prices

## Teck Credit Ratings vs. Bloomberg Commodity Price Index



**~\$6 billion in available tax pools<sup>1</sup>, including:**

- \$4.6B in loss carryforwards
- \$1.3B in Canadian Development Expenses

**Applies to:**

- Cash income taxes in Canada

**Does not apply to:**

- Resource taxes in Canada
- Cash taxes in foreign jurisdictions



Multiples should reflect tax efficiency of earnings



Community



Water



Our People



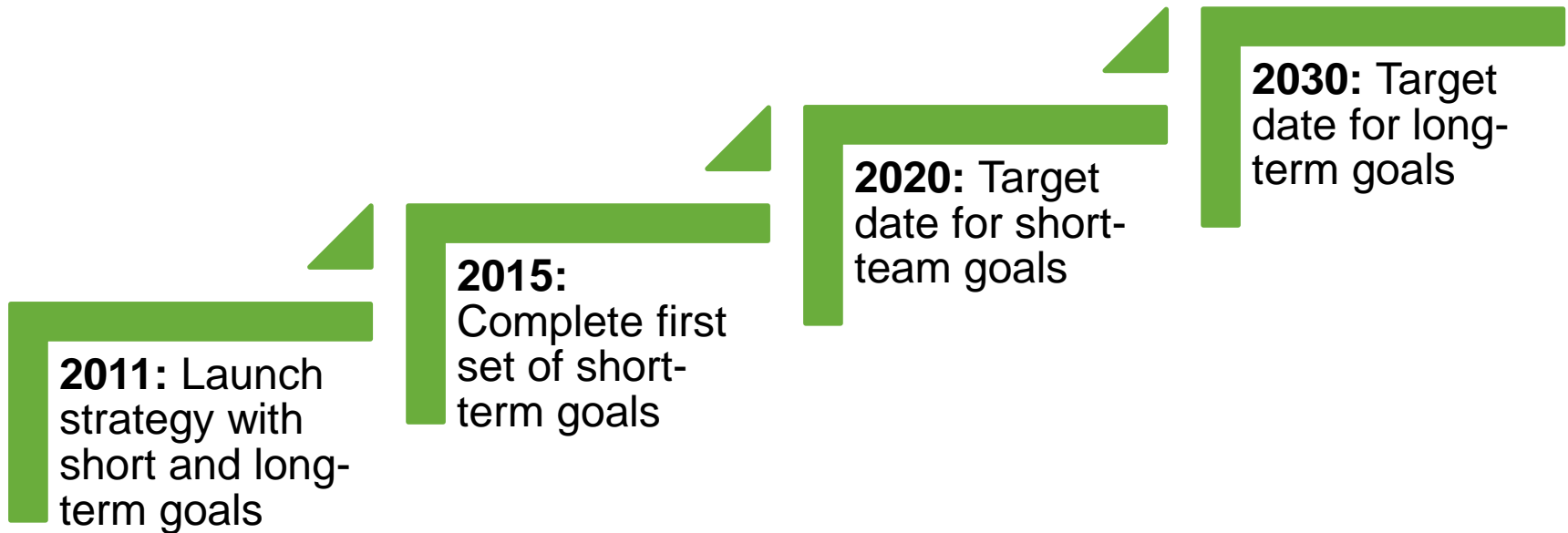
Biodiversity



Energy and  
Climate Change



Air





Best 50 Corporate Citizens  
in Canada 2016

MEMBER OF

**Dow Jones  
Sustainability Indices**

In Collaboration with RobecoSAM

On the Dow Jones Sustainability World  
Index seven years in a row



Top 50 Socially Responsible  
Corporations in Canada



FTSE4Good

Listed on FTSE4Good Index in 2015

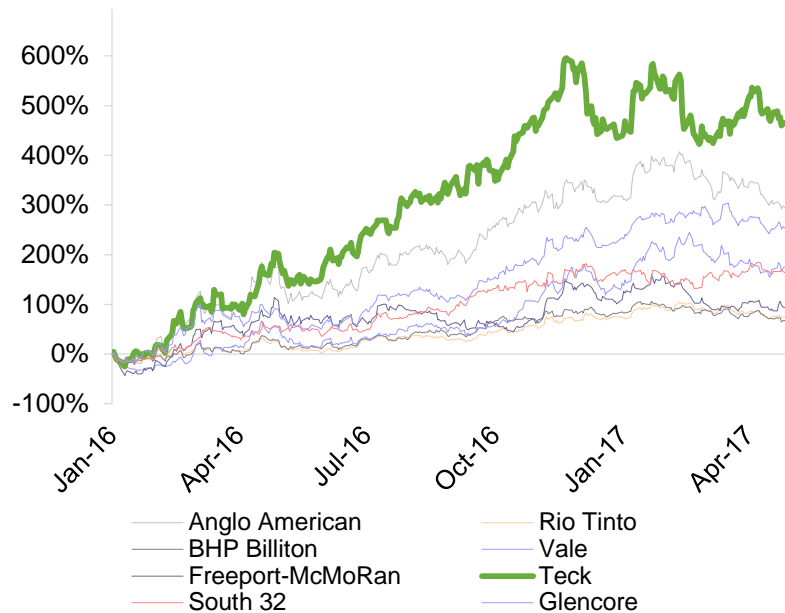


## Teck Resources Limited

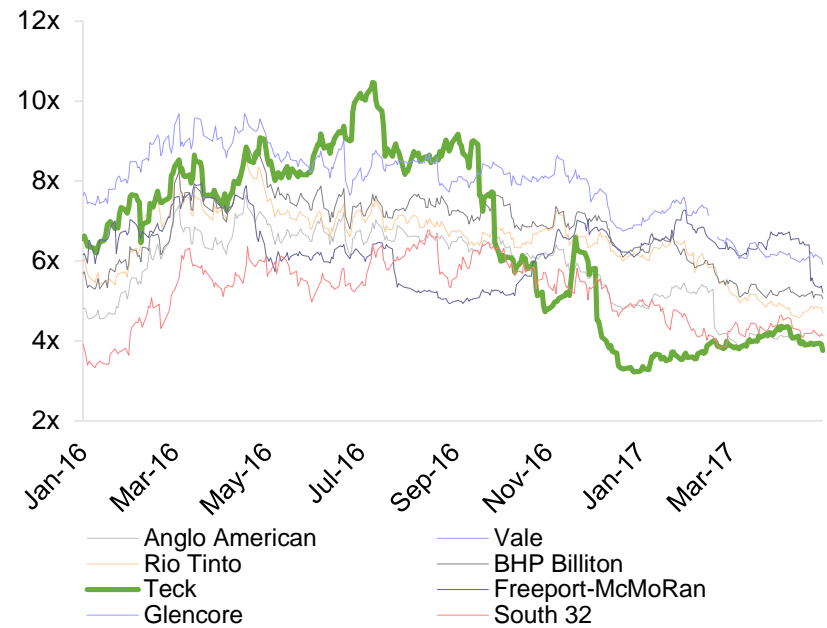
April 21, 2017

|  | <u>Shares Held</u> | <u>Percent</u> | <u>Voting Rights</u> |
|--|--------------------|----------------|----------------------|
| <b>Class A Shareholdings</b>             |                    |                |                      |
| Temagami Mining Company Limited          | 4,300,000          | 55.39%         | 31.91%               |
| SMM Resources Inc (Sumitomo)             | 1,469,000          | 18.89%         | 10.90%               |
| Public                                   | <u>2,008,304</u>   | <u>25.82%</u>  | <u>14.90%</u>        |
|  | 7,777,304          | 100.00%        | 57.71%               |
| <b>Class B Shares</b>                    |                    |                |                      |
| Temagami Mining Company Limited          | 725,000            | 0.13%          | 0.05%                |
| SMM Resources Inc (Sumitomo)             | 295,800            | 0.05%          | 0.02%                |
| China Investment Corporation (Fullbloom) | 101,304,474        | 17.78%         | 7.52%                |
| Public                                   | <u>467,554,085</u> | <u>82.04%</u>  | <u>34.70%</u>        |
|  | 569,879,359        | 100.00%        | 42.29%               |
| <b>Total Shares</b>                      |                    |                |                      |
| Temagami Mining Company Limited          | 5,025,000          | 0.87%          | 31.96%               |
| SMM Resources Inc (Sumitomo)             | 1,764,800          | 0.31%          | 10.92%               |
| China Investment Corporation (Fullbloom) | 101,304,474        | 17.54%         | 7.52%                |
| Public                                   | <u>469,562,389</u> | <u>81.29%</u>  | <u>49.60%</u>        |
|  | <u>577,656,663</u> | <u>100.00%</u> | <u>100.00%</u>       |

Teck vs. Global Diversified  
Dividend Adjusted Share Pricing



Teck vs. Global Diversified  
EV/EBITDA (NTM)




- Share price increase of ~500% in 2016
- Valuation hasn't kept pace with expected EBITDA increase
  - EV/EBITDA multiple trailing Global Diversified comparables

# Teck

Steelmaking Coal  
Business Unit & Markets



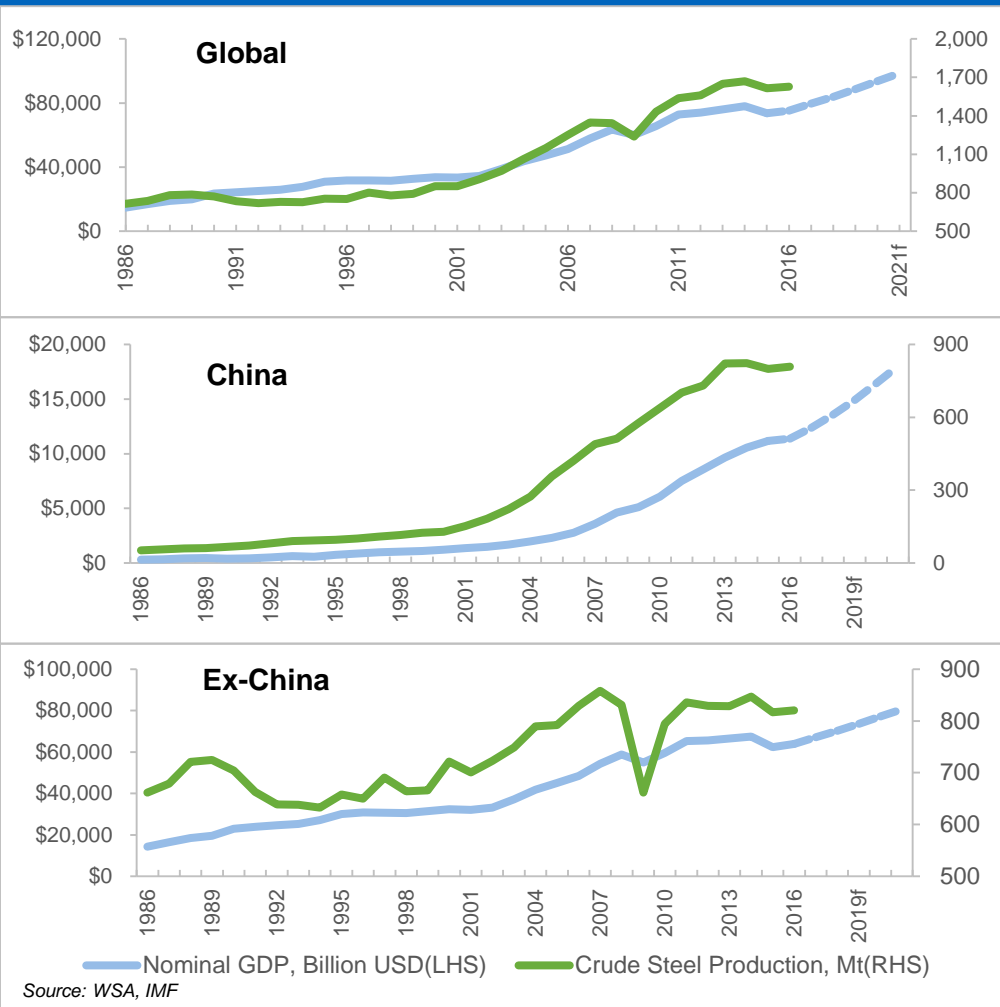


**Global Coal Production<sup>1</sup>: 7.9 billion tonnes**  
**Steelmaking Coal Production<sup>2</sup>: ~1,185 million tonnes**  
**Export Steelmaking Coal<sup>2</sup>: ~325 million tonnes**  
**Seaborne Steelmaking Coal<sup>2</sup>: ~290 million tonnes**

**Our Market - Seaborne Hard Coking Coal<sup>2</sup>: ~200 Million Tonnes**

# Improving Steel Demand & Output Globally

## GDP and Crude Steel Production



## Steel Demand

| YoY Growth           | 2017  |
|----------------------|-------|
| Global               | +1.3% |
| China                | 0%    |
| Developing, ex-China | +4%   |
| Developed            | +0.7% |

Source: WSA

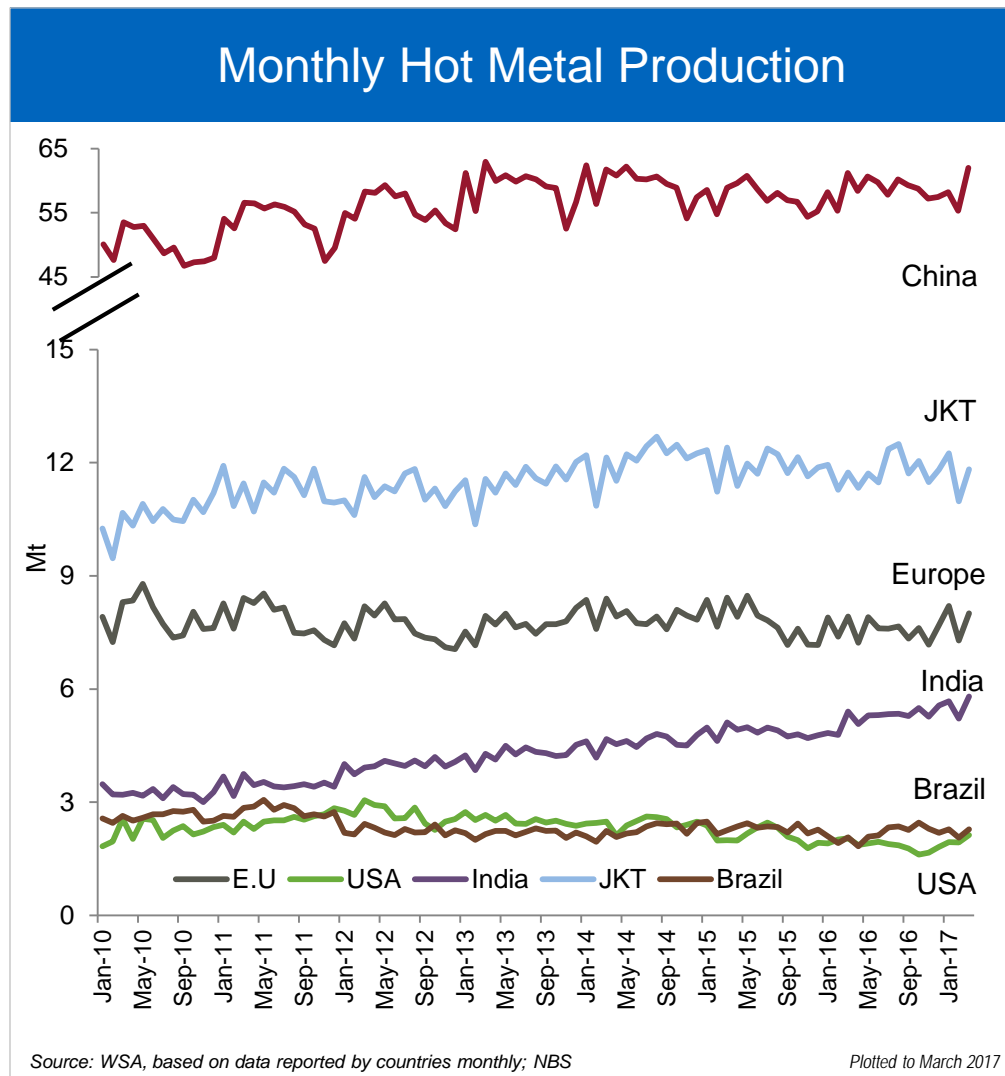
Global steel demand expected to grow overall

## Traditional Steel Markets

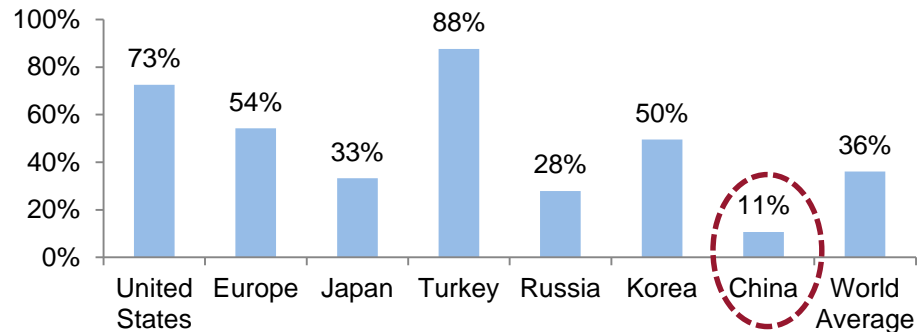
- China rebounded
- JKT stable
- EU recovering

## Rest of the World

- India strong growth
- Brazil rebounding
- US recovering

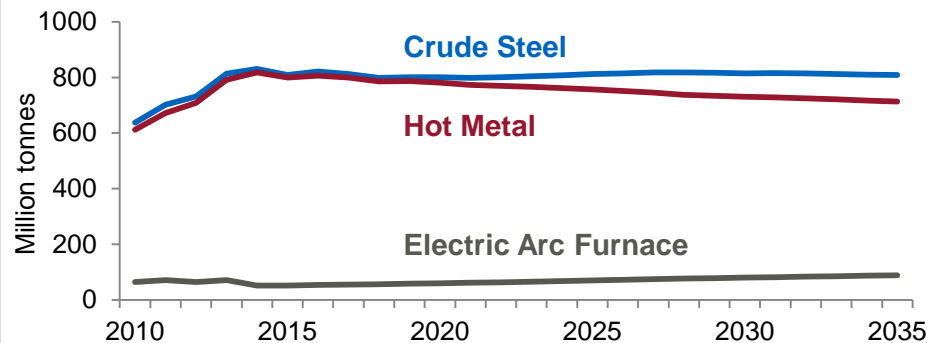


## China's Scrap Ratio Low vs. Other Countries



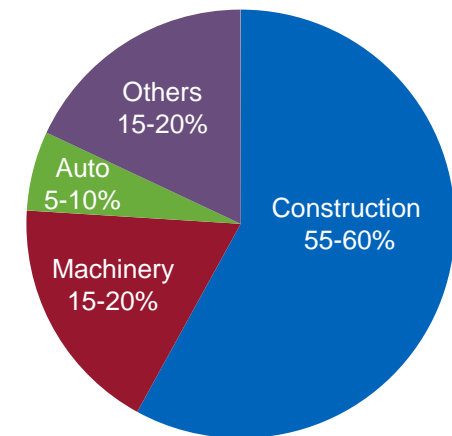
Source: WSA, China Association of Metalscrap Utilization, Wood Mackenzie

## Crude Steel and Hot Metal Production



Source: Wood Mackenzie

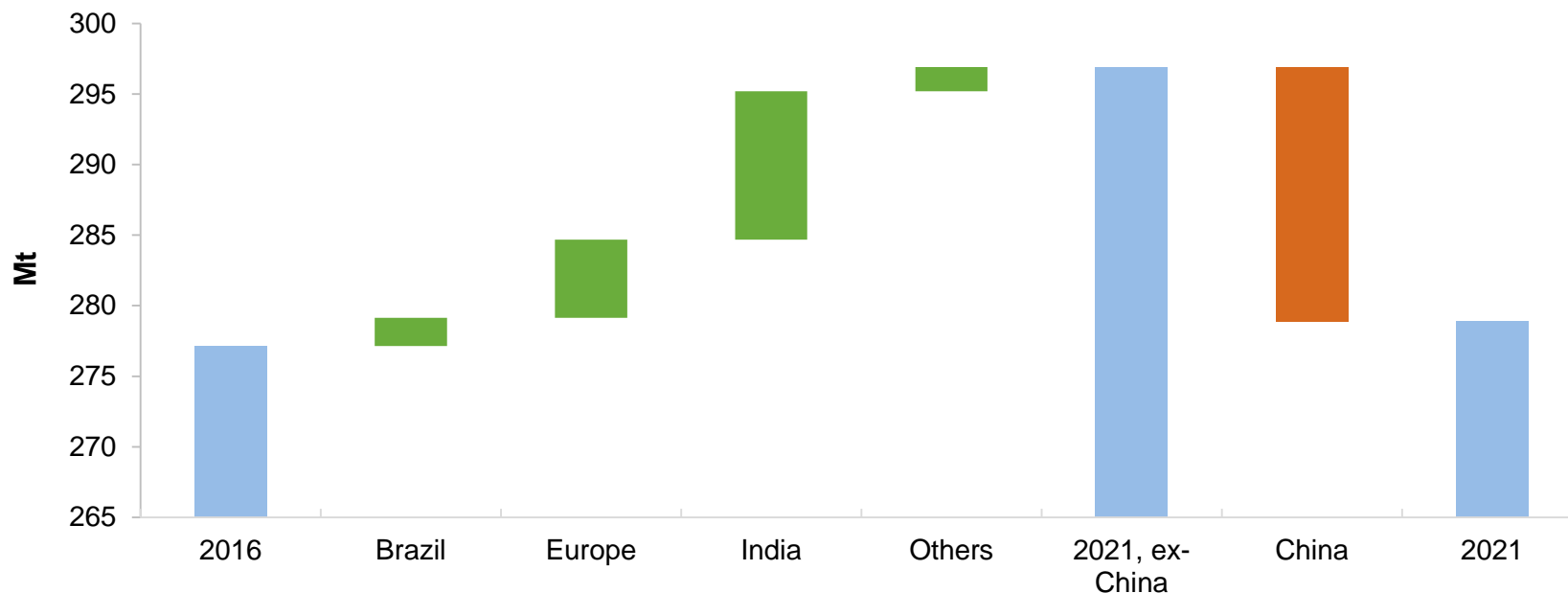
## China Steel Use By Sector (2000-16)



Source: China Metallurgy Industry Planning and Research Institute

Hot metal / crude steel ratio to remain >90%  
and EAF share of crude steel production <10% until ~2028

## Seaborne Steelmaking Coal Imports (Average of CRU and Wood Mackenzie, Change 2021 vs. 2016)

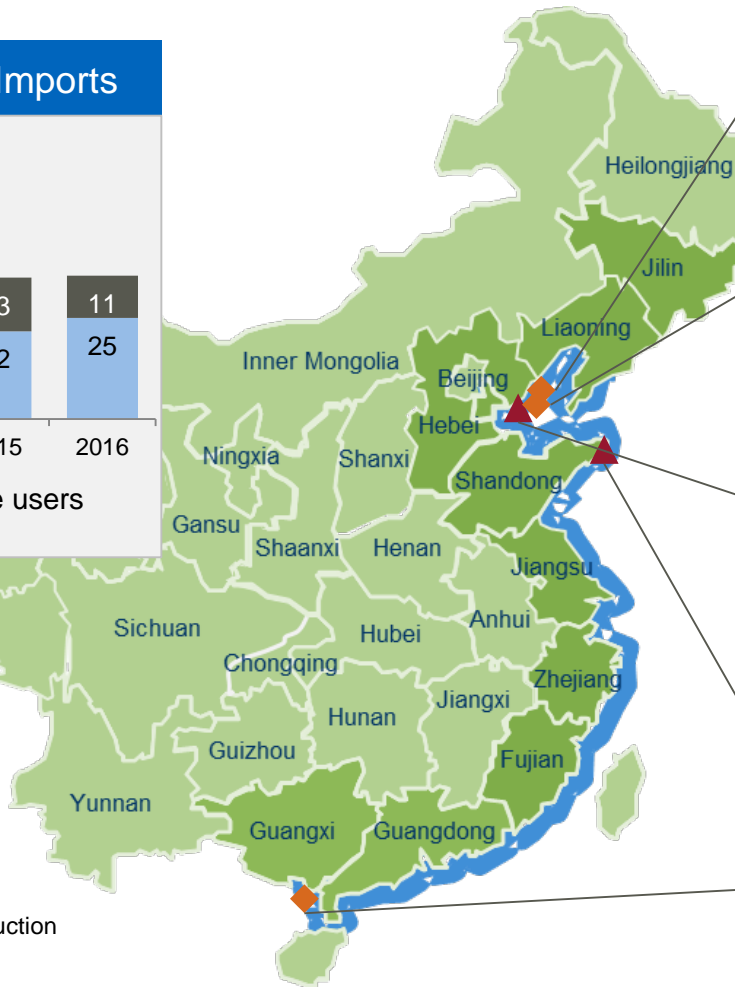
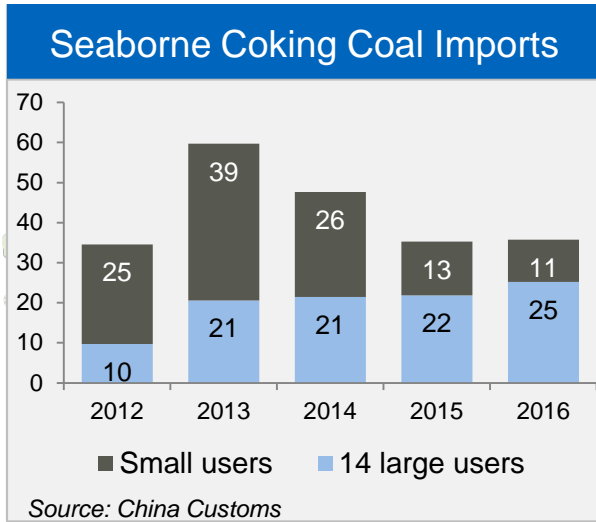


Source: CRU; Wood Mackenzie

China's import demand is currently stronger,  
and coastal plants depend on seaborne imports



# Large Users Increasing Seaborne Imports



**Guofeng Project**

- Inland plant relocating to coastal area
- Capacity: crude steel 8Mt, hot metal 8Mt
- Status: Construction to be started in 2017; completion in 2021

**Hegang Project**

- Inland plant relocating to coastal area
- Capacity: crude steel 20Mt
- Status: Timeline not announced

**Shougang Jingtang Plant**

- Expansion
- Capacity: crude steel 9.4Mt (phase 2)
- Status: Construction started in 2015; completion in 2018

**Shandong Steel Rizhao Project**

- Greenfield project
- Capacity: crude steel 8.5Mt
- Status: Construction started in 2015; completion in 2017

**Liusteel Fangcheng Project**

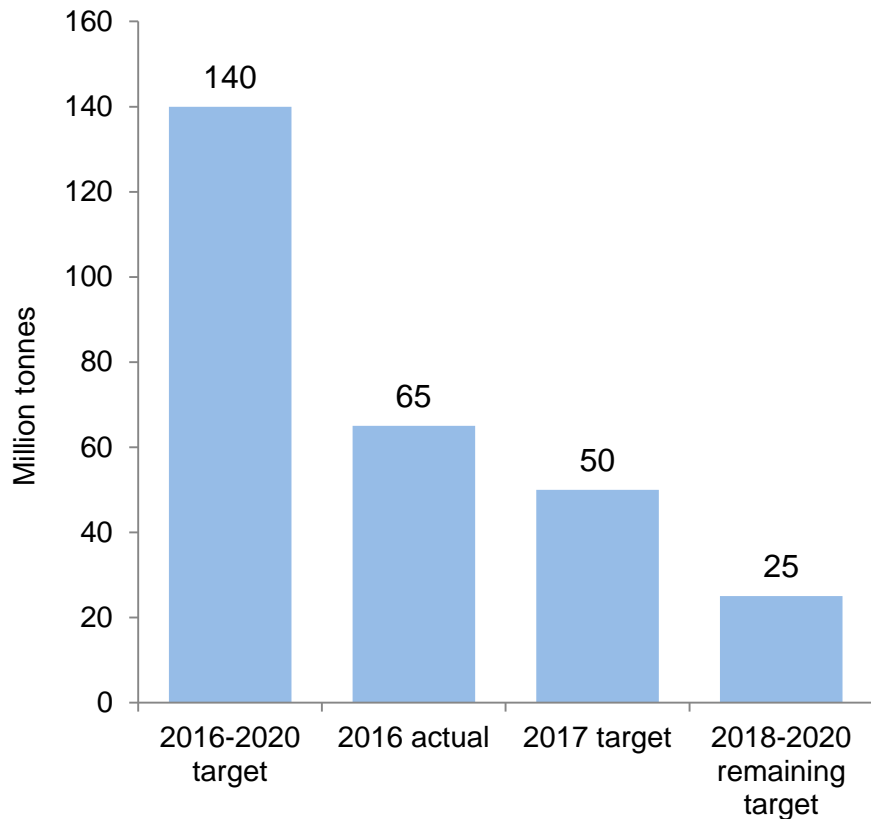
- Greenfield project
- Capacity: Phase 1 crude steel ~10Mt
- Status: Timeline for blast furnace not announced

▲ 2 projects under construction  
 ◆ 3 approved projects

Large users and coastal steel projects to support seaborne demand

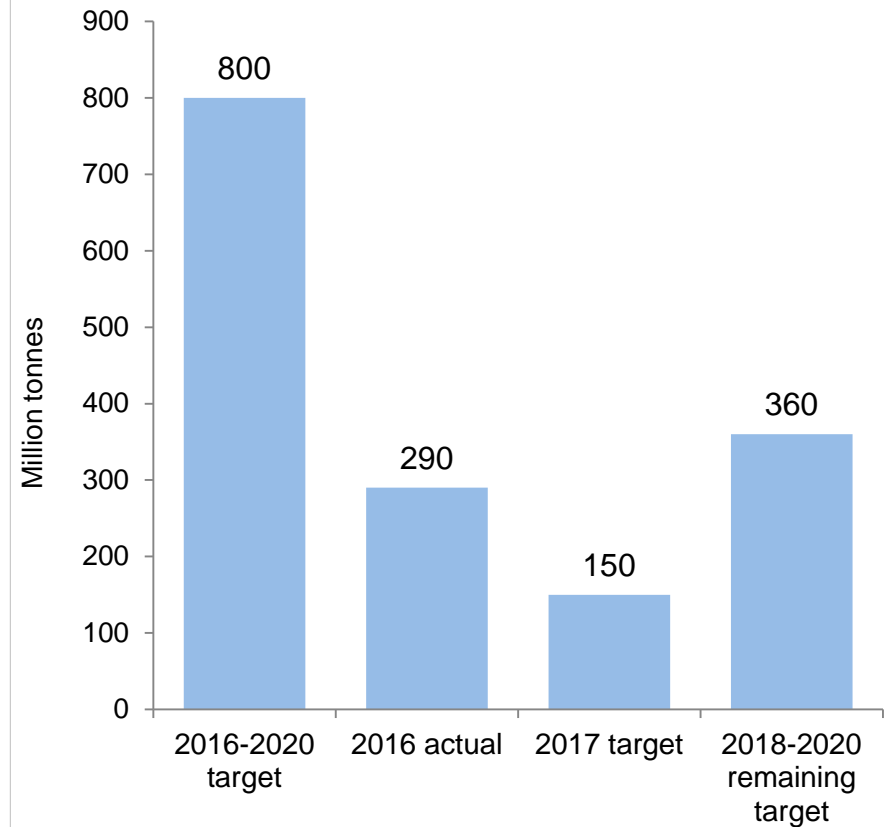
# Capacity Reductions Continue in China

## Steel Capacity Reduction Target



Source: Governmental announcements

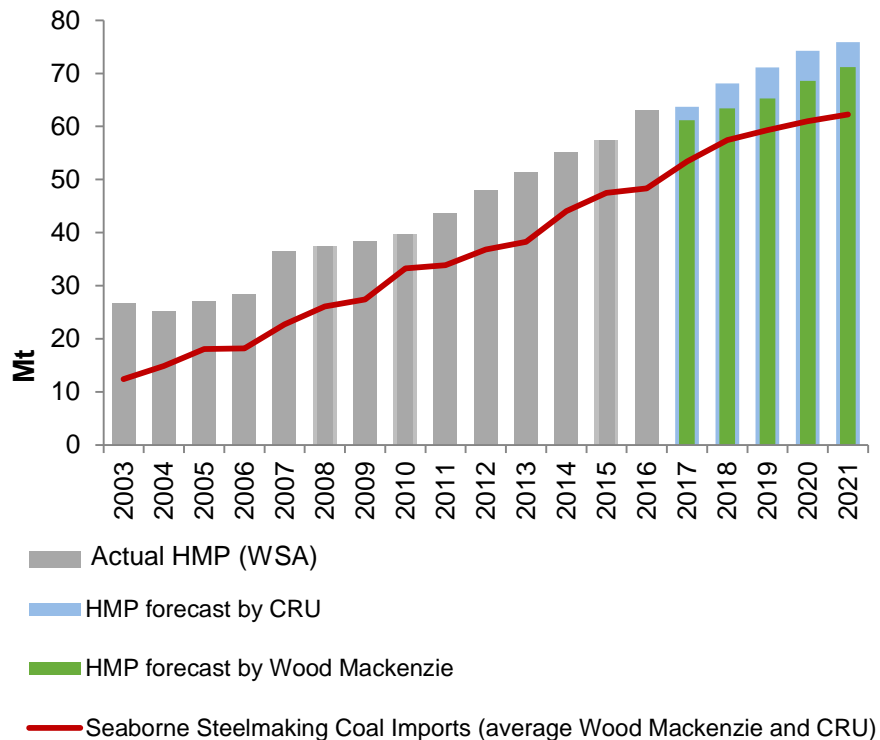
## Coal Capacity Reduction Target



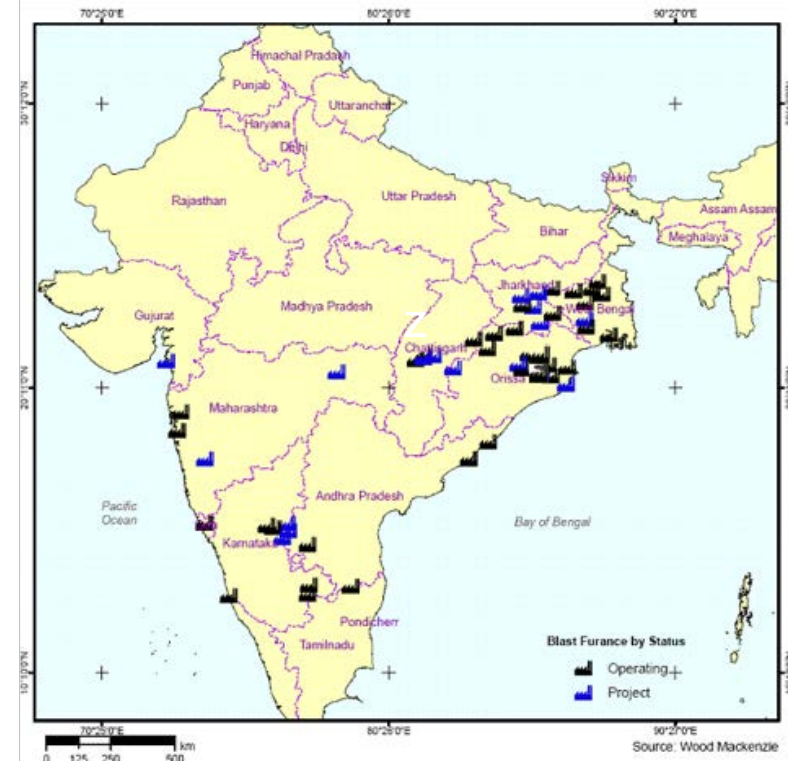
Source: Governmental announcements

2017 coal capacity reduction target @ 150Mt

## Seaborne Steelmaking Coal Imports Required to Meet India Hot Metal Production

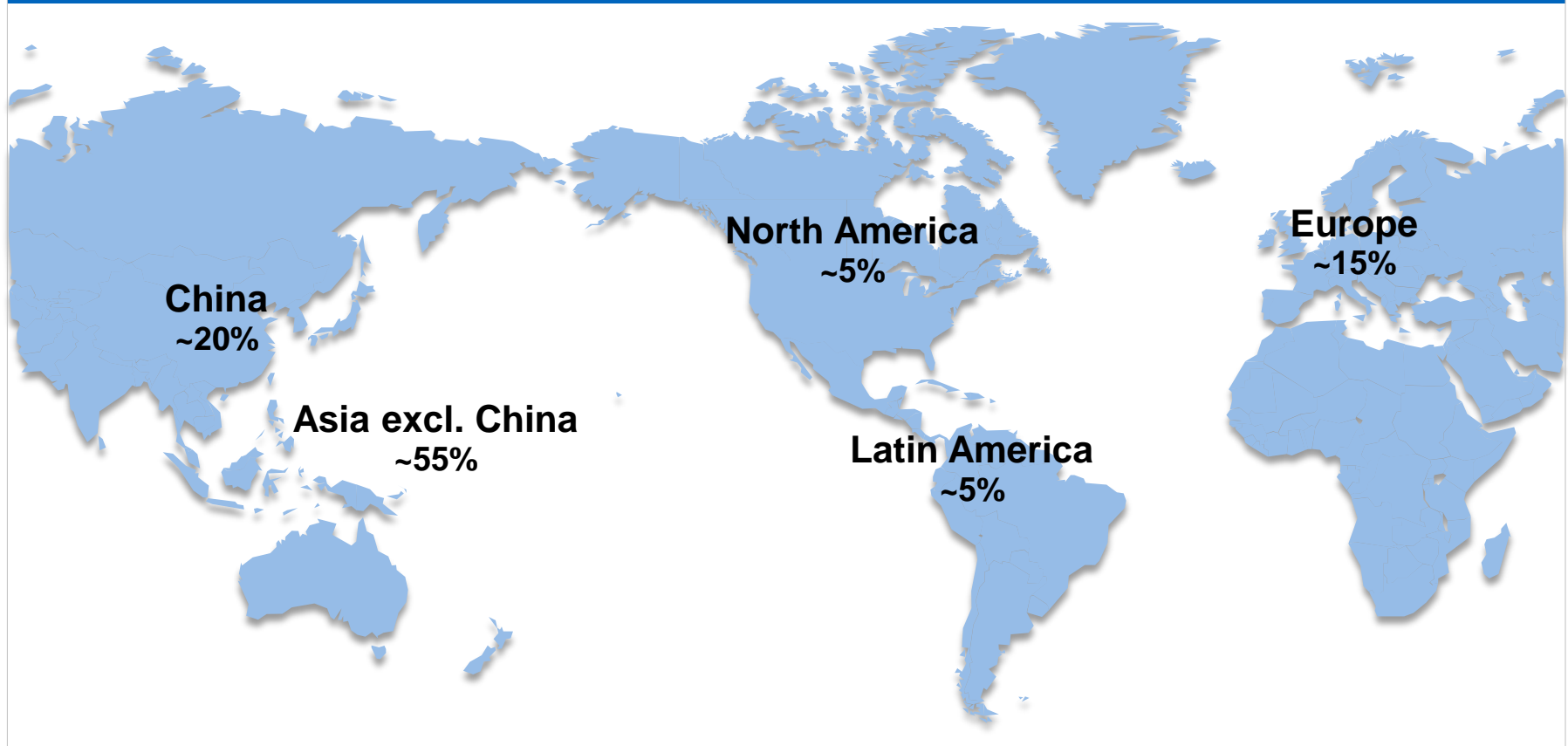


## India's Hot Metal Capacity; Projects and Operations



Seaborne steelmaking coal imports forecasted to increase by >25%

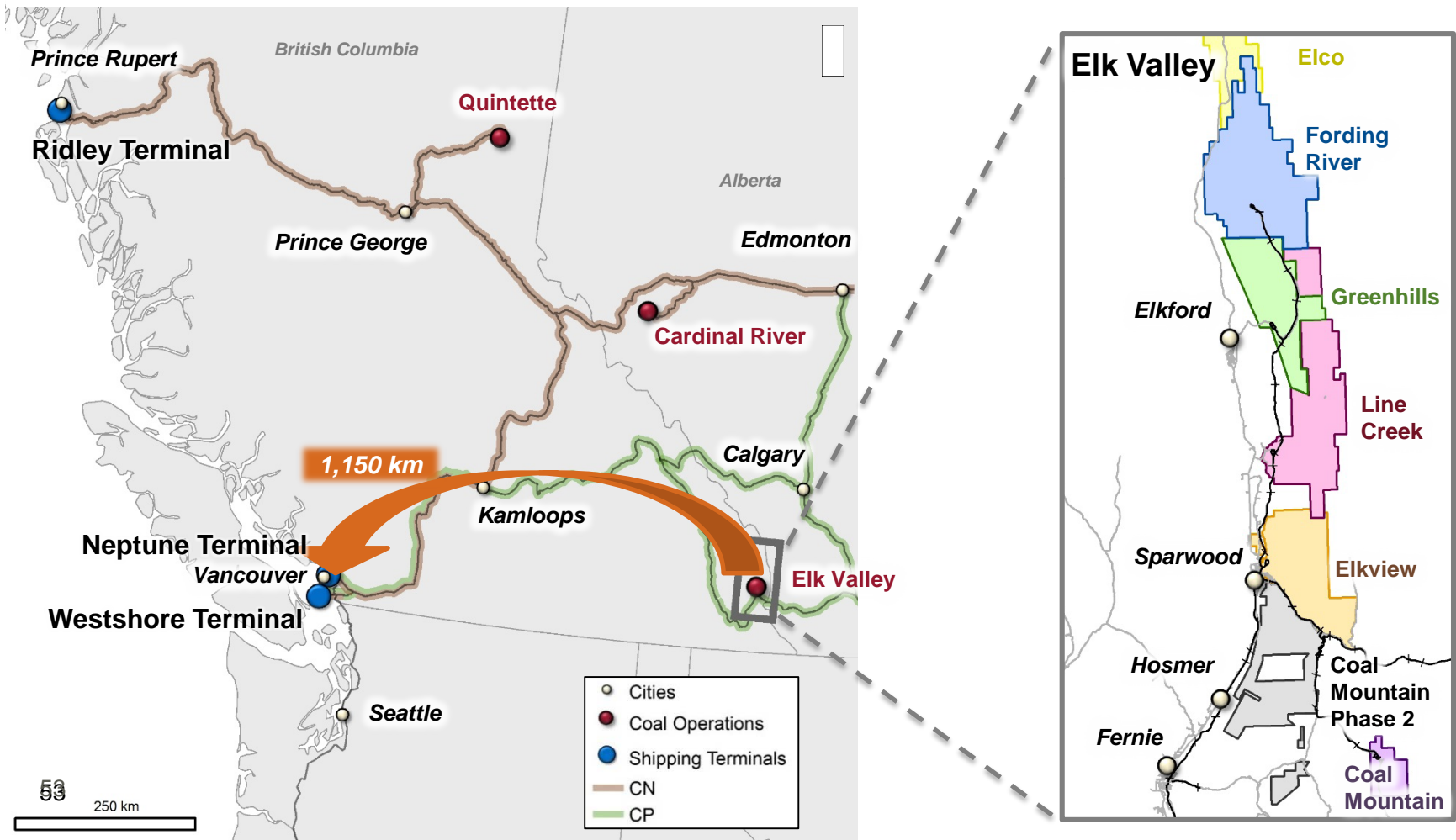
High quality, consistent, reliable, long-term supply



Competitively positioned to supply steel producers worldwide

# An Integrated Long Life Coal Business

- >1 billion tonnes of reserves support ~27 Mt of production for many years
- Geographically concentrated in the Elk Valley
- Established infrastructure and capacity with mines, railways and terminals
- Only steelmaking coal mines still operating in Canada; competitive globally

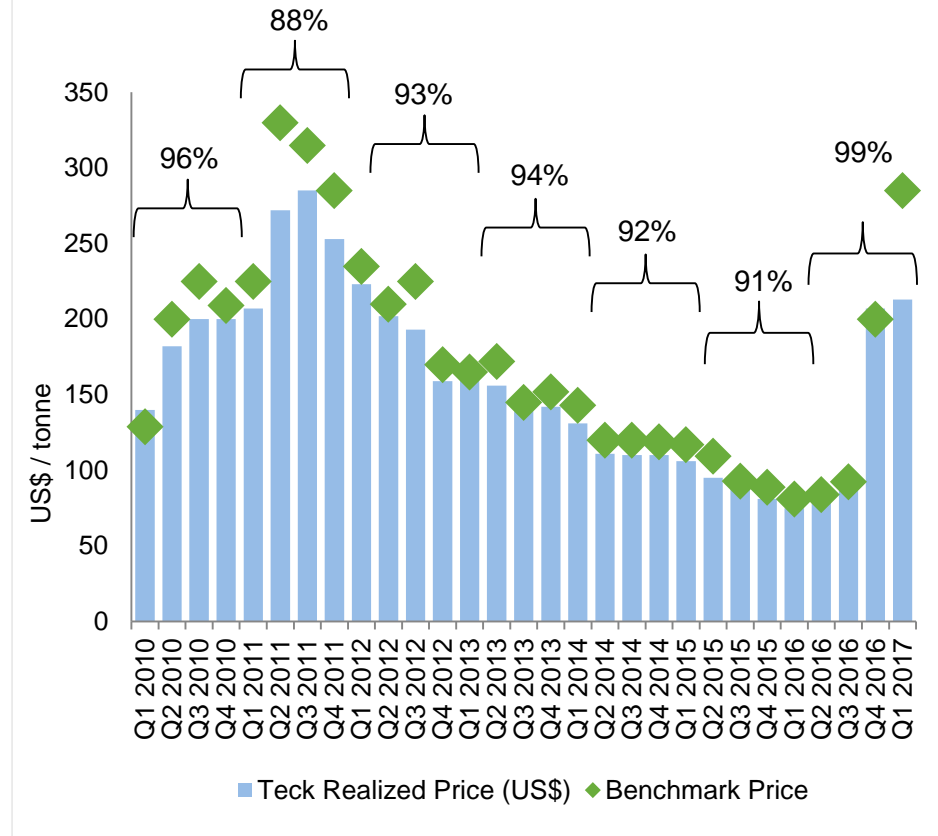


# Average Realized Price in Steelmaking Coal **Teck**

## Average realized price relative to the benchmark price is a function of:

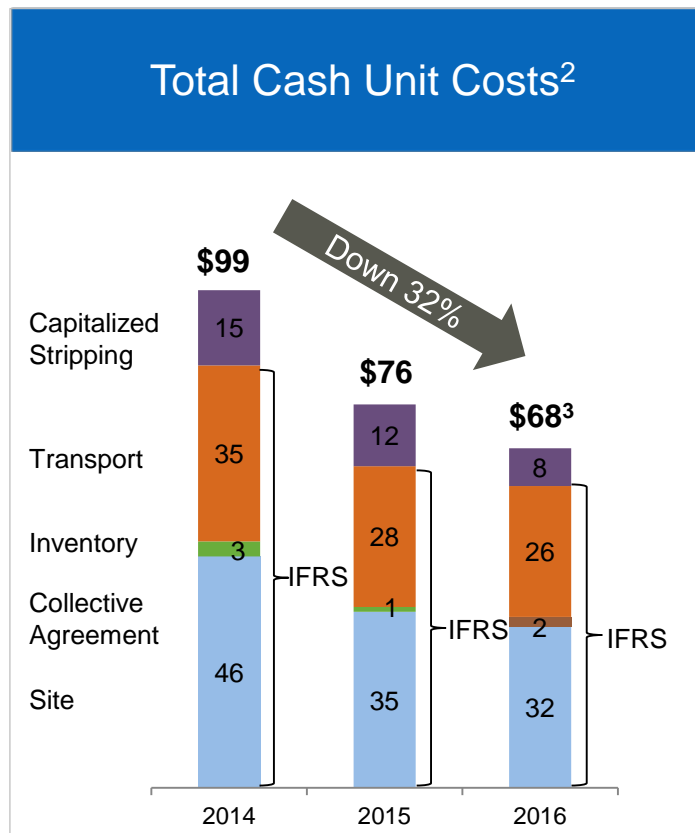
1. Product mix: >90% hard coking coal
2. Direction of quarterly benchmark prices (QBM) and spot prices
  - Q4 2016 average realized price was higher than benchmark price
  - Q1 2017 average realized price was 75% of US\$285/t benchmark, which was higher than Q4 2016

## Historical Average Realized Prices



Realized prices averaged 94% of QBM over the past three years (2014-2016)

# Steelmaking Coal Unit Costs<sup>1</sup>



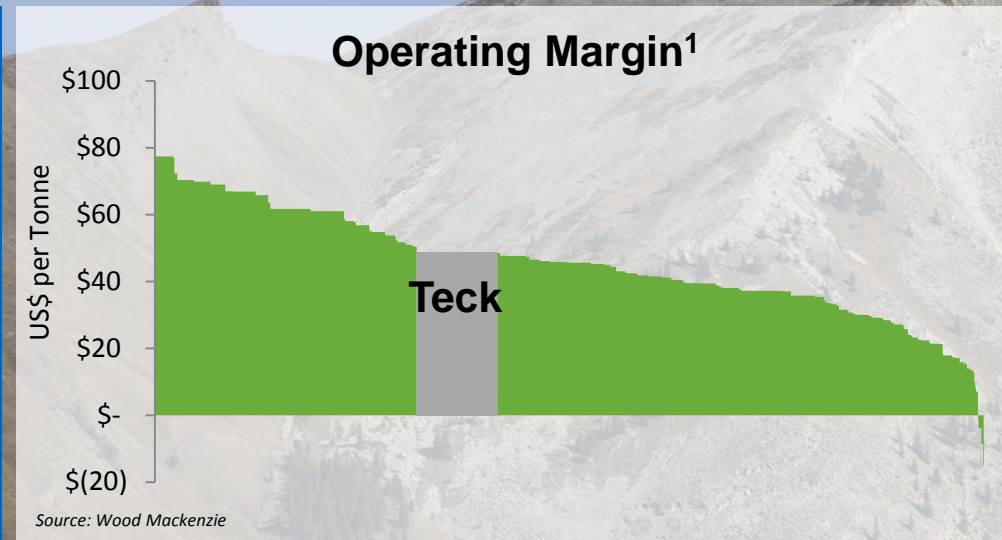
| US\$/t                                     | 2014         | 2015        | 2016                    | Change      |
|--|--------------|-------------|-------------------------|-------------|
| Site                                       | \$46         | \$35        | \$32                    | -30%        |
| Inventory Adjustments                      | \$3          | \$1         | \$0                     | -100%       |
| Transportation                             | \$35         | \$28        | \$26                    | -26%        |
| <b>Unit Cost of Sales (IFRS)</b>           | <b>\$84</b>  | <b>\$64</b> | <b>\$60<sup>3</sup></b> | <b>-29%</b> |
| Capitalized Stripping                      | \$15         | \$12        | \$8                     | -50%        |
| <b>Total Cash Unit Costs<sup>2</sup></b>   | <b>\$99</b>  | <b>\$76</b> | <b>\$68<sup>3</sup></b> | <b>-32%</b> |
| Sustaining Capital                         | \$6          | \$2         | \$1                     | -83%        |
| <b>All In Sustaining Costs<sup>2</sup></b> | <b>\$105</b> | <b>\$78</b> | <b>\$69<sup>3</sup></b> | <b>-35%</b> |

**Total cash unit costs down 32% from 2014 to 2016<sup>2,3</sup>**

- <sup>1</sup> In US dollars per tonne. Assumes a Canadian dollar to US dollar exchange rate of 1.10 in 2014, 1.28 in 2015 and 1.33 in 2016.
- <sup>2</sup> Steelmaking coal unit cost of sales include site costs, inventory adjustments and transport costs. Total cash costs are unit cost of sales plus capitalized stripping. All in sustaining costs are total cash costs plus sustaining capital. Non-GAAP financial measure. See "Use of Non-GAAP Financial Measures" section of our quarterly press releases for further information.
- <sup>3</sup> Includes one-time collective agreement settlement charges of ~US\$2 per tonne in 2016.

# Competitive on Steelmaking Coal Margin Curve

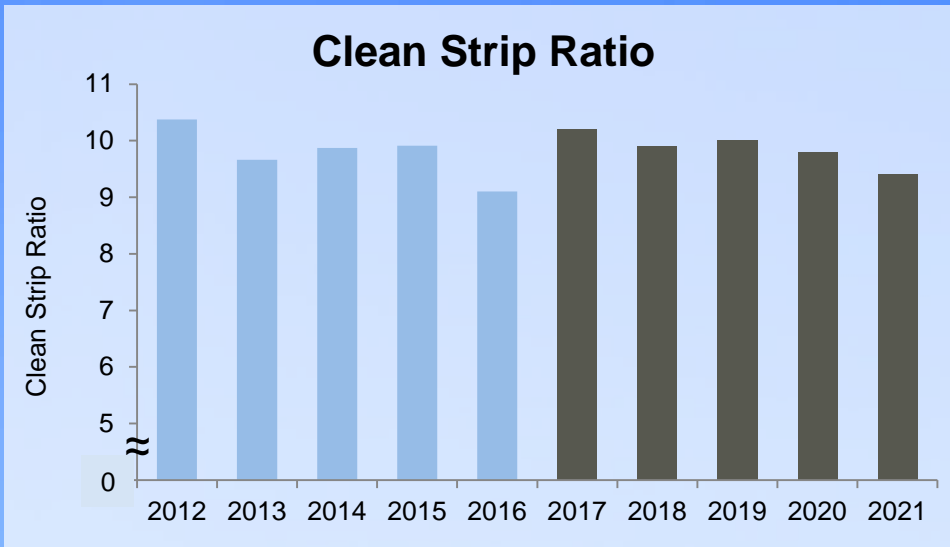
- High quality hard coking coal assets provide strong margins
- Competitive mining costs
- Operations well positioned in a volatile market



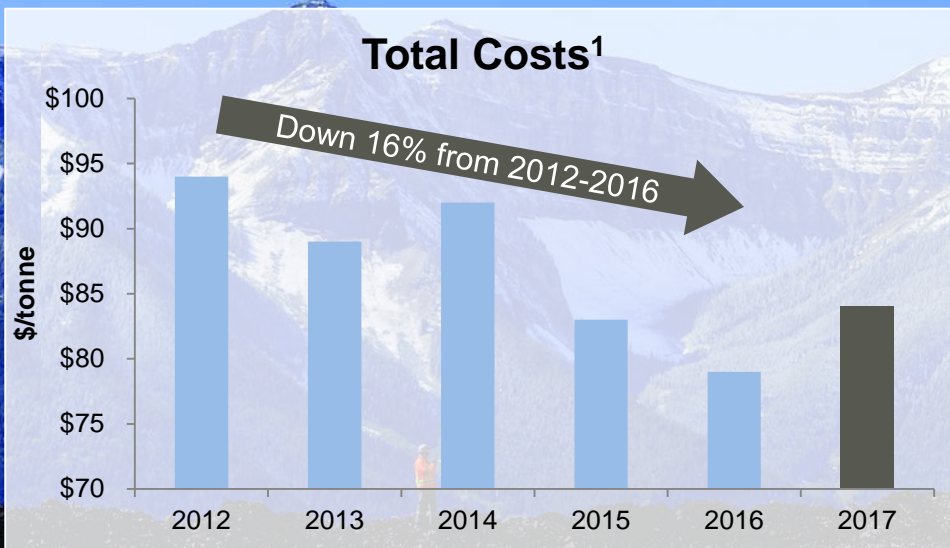
1. Quality-adjusted operating margin, based on Wood Mackenzie's data set for 2016 and utilizing an FOB port equivalent benchmark price of US\$131 per tonne for the highest quality products. Assumes a Canadian dollar to US dollar exchange rate of 1.30 and an Australian dollar to US dollar exchange rate of 1.37.



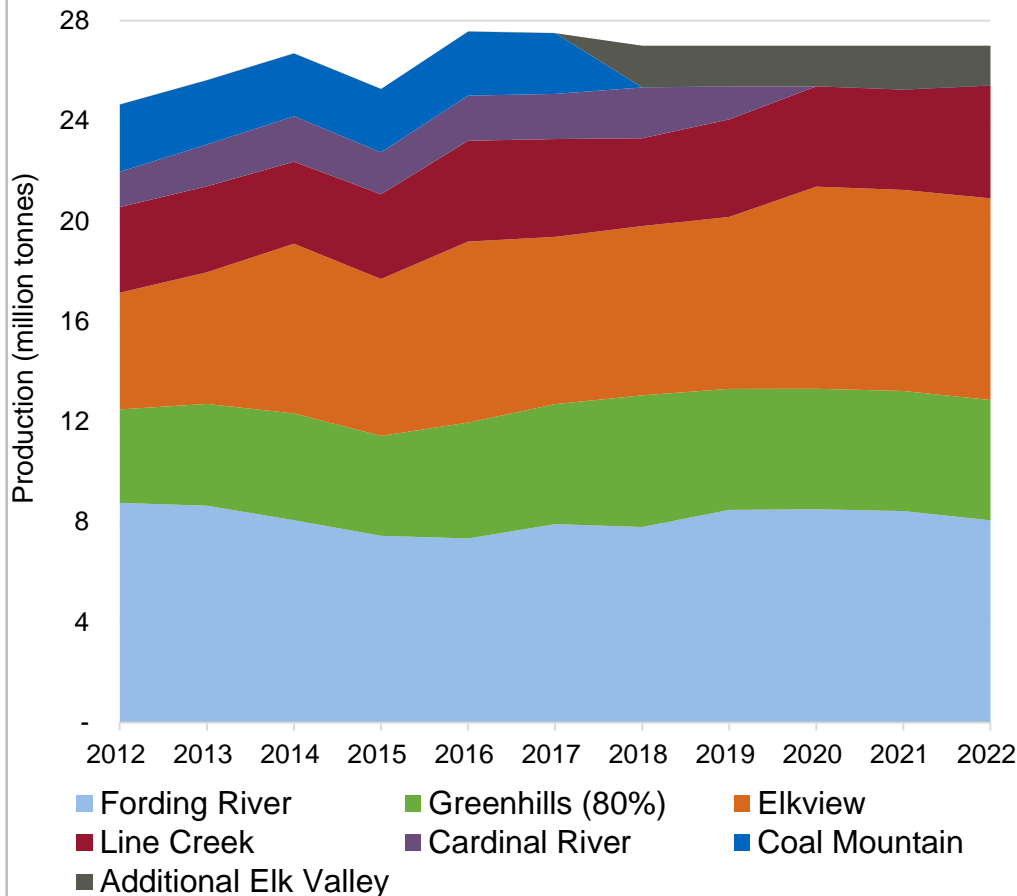
# Coal Strip Ratio Supports Future Production



- Low strip ratio in 2016 due timing of permitting
- Strip ratio increase expected in 2017
  - Coal Mountain near end of life
  - New developments have higher strip ratios & better quality coal
- Going forward, strip ratio expected to trend lower



## Conceptual Production Profile



## Objectives

- Manage transition from Coal Mountain
- Pursue incremental production capacity in remaining Valley mines
- Evaluate Cardinal River mine life extension
- Maintain optionality with Quintette & Coal Mountain Phase 2

# >75 Mt of West Coast Port Capacity Planned

*Our Portion is 40 Mt*

## Westshore Terminals



- Teck is largest customer at 19 Mt
- Large stockpile area
- Recently expanded to 33 Mt
- Planned growth to 36 Mt
- Contract expires March 2021

## Neptune Coal Terminal



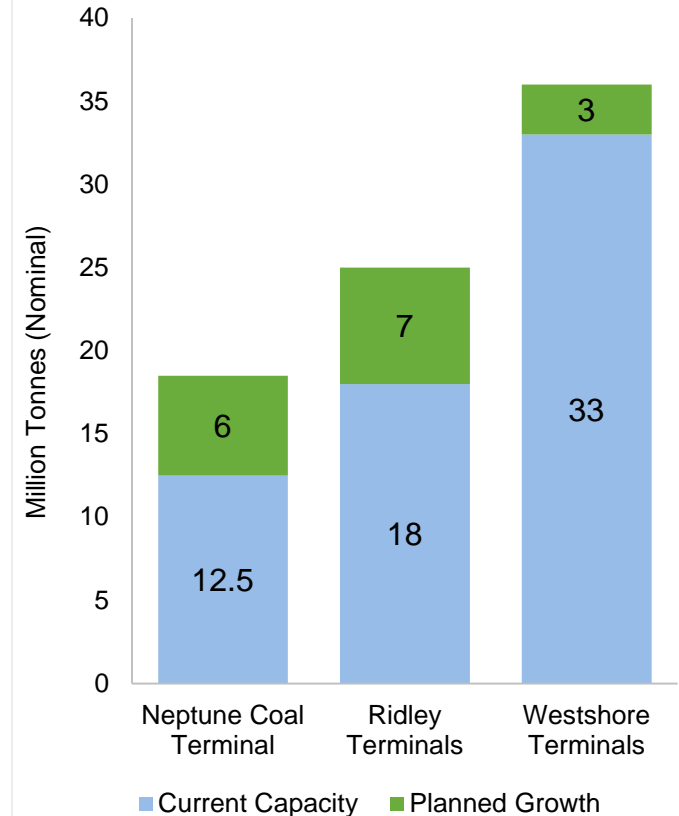
- Exclusive to Teck
- Recently expanded to 12.5 Mt
- Planned growth to 18.5 Mt

## Ridley Terminals



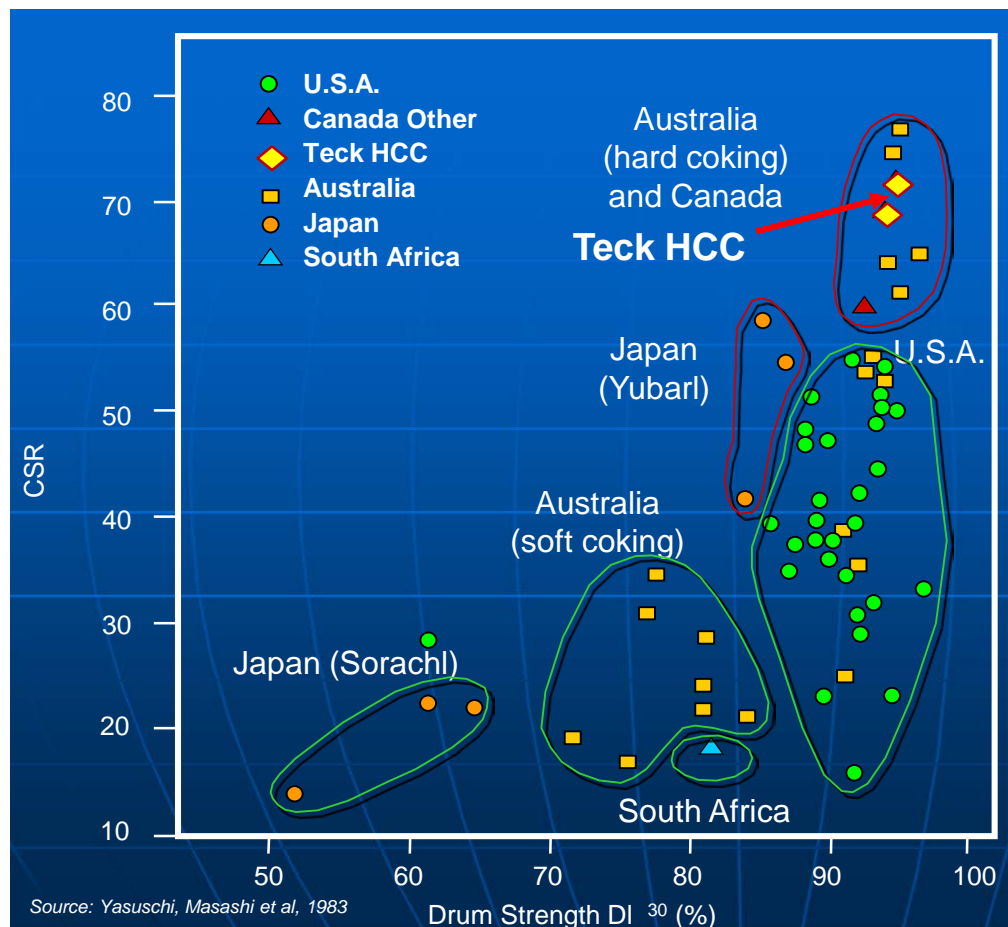
- Current capacity: 18 Mt
- Expandable to 25 Mt
- Teck contracted at 3 Mt

## West Coast Port Capacity



Our share of capacity exceeds current production plans, including Quintette

## High Quality Hard Coking Coal



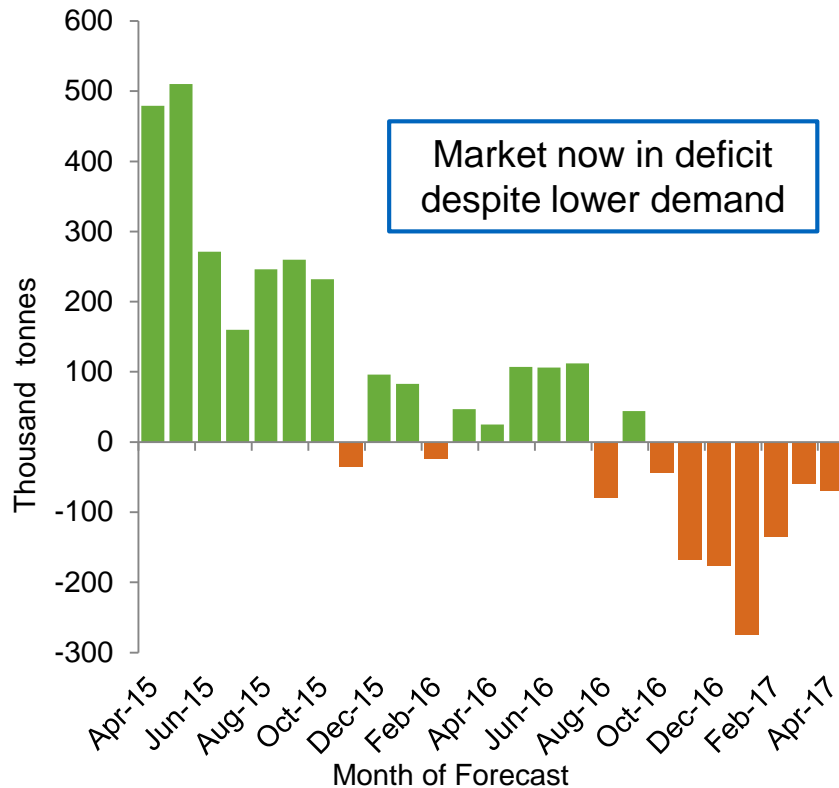
- Around the world, and especially in China, blast furnaces are getting larger and increasing PCI rates
- Coke requirements for stable blast furnace operation are becoming increasingly higher
- Teck coals with high hot and cold strength are ideally suited to ensure stable blast furnace operation
- Produce some of the highest hot strengths in the world

# Teck

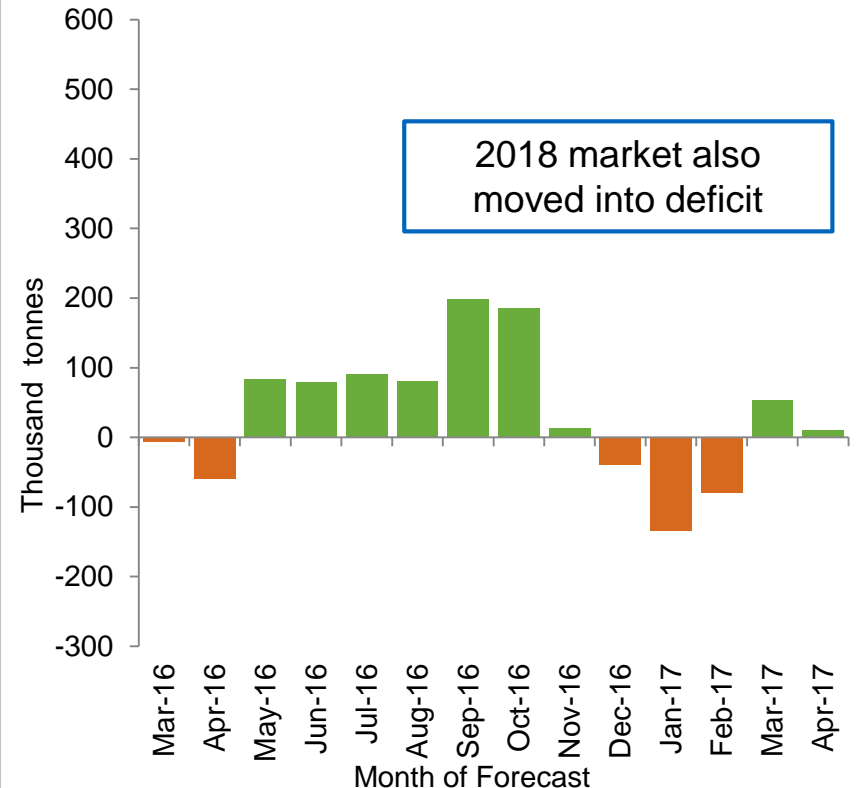
Copper  
Business Unit & Markets



## Wood Mackenzie 2017 Refined Balance



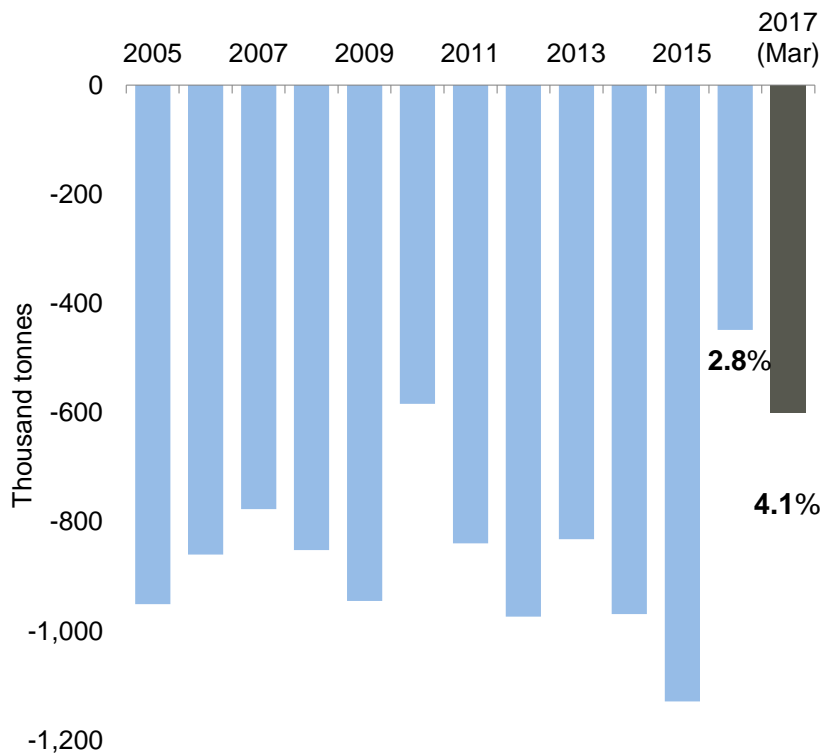
## Wood Mackenzie 2018 Refined Balance



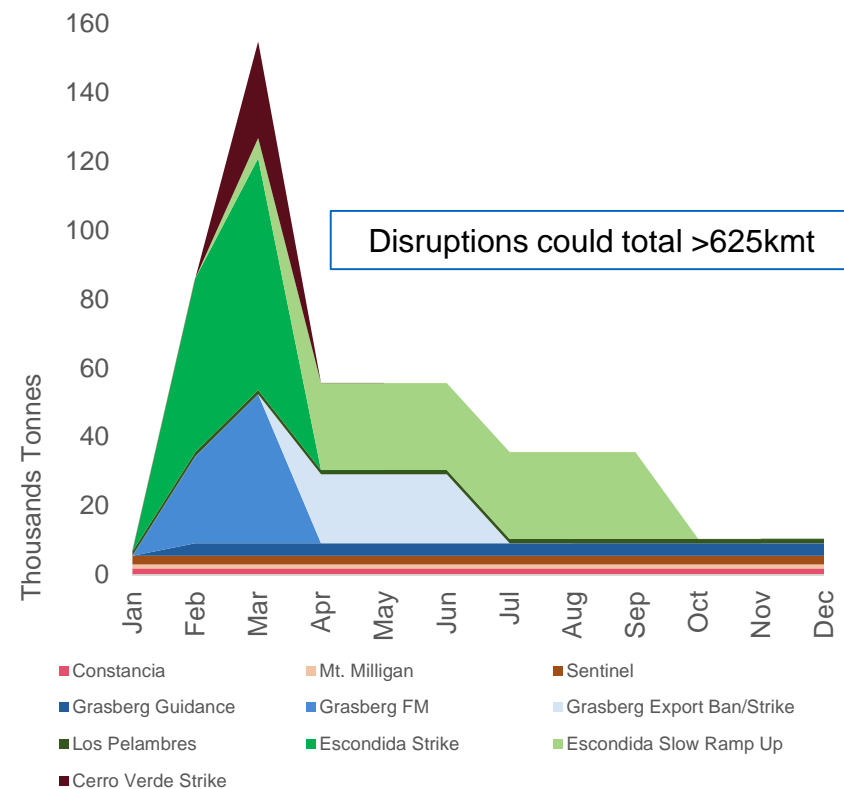
Improved fundamentals supporting stronger prices

# Copper Mine Production Disappoints

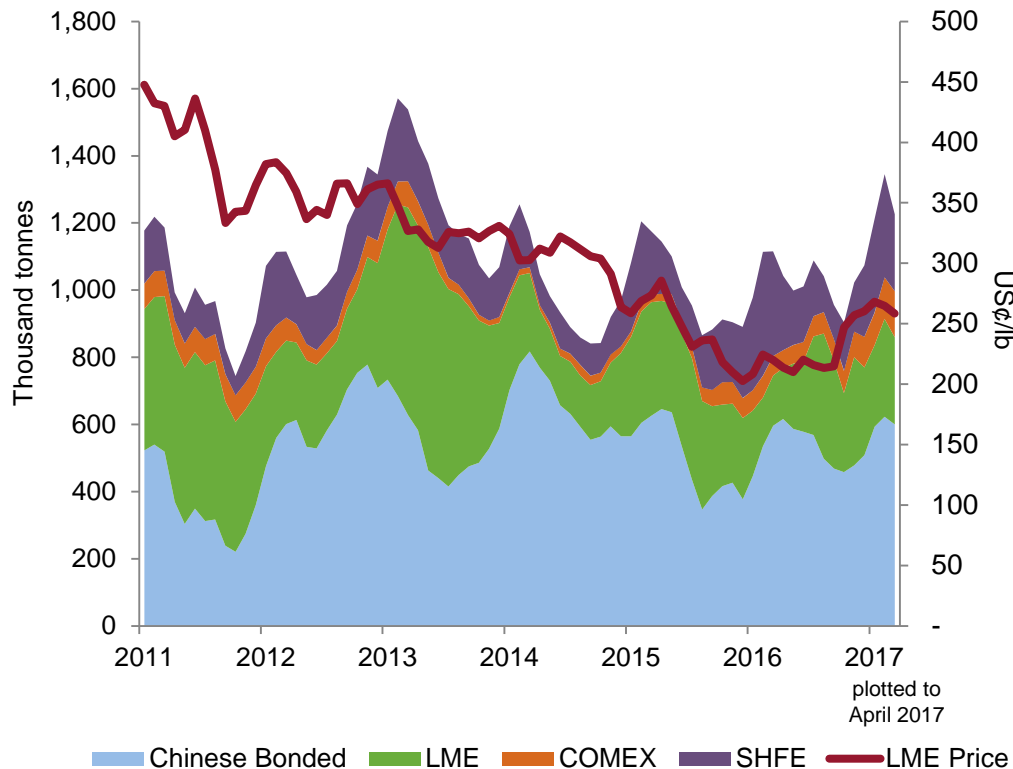
## Disruptions Exceeding 5%



## Significant Disruptions in Q1 2017, With Effects Through Q2-Q3 2017



## Copper Stocks



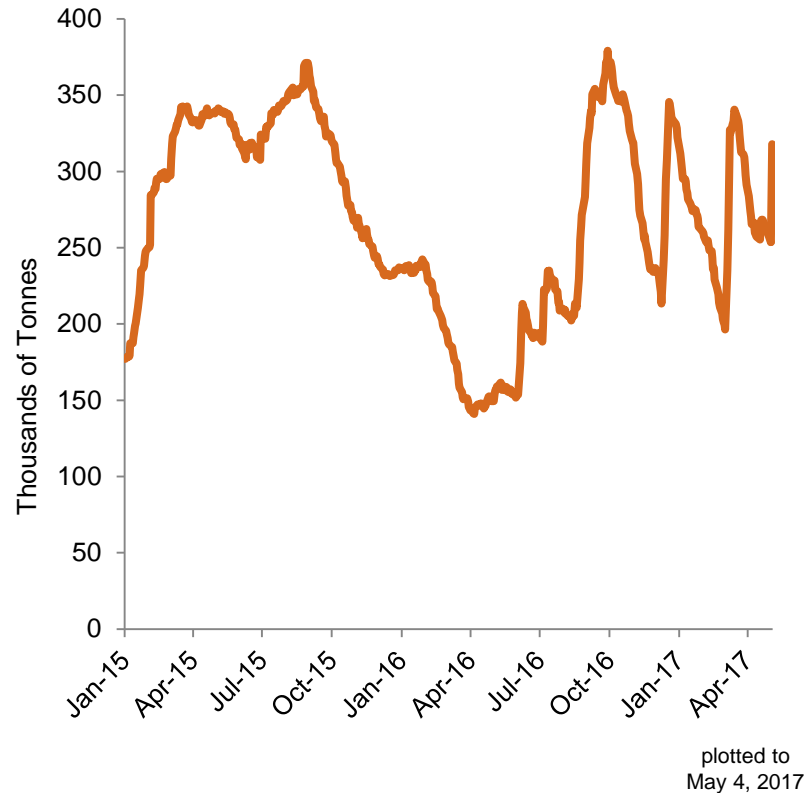
- Price correction late 2016 as more balanced market expected
- Total stocks (including bonded), in days of global consumption:
  - Today: 29 days
  - Early 2013: ~45 days
  - Average this decade ~33 days

Seasonal stock build in China is being drawn down

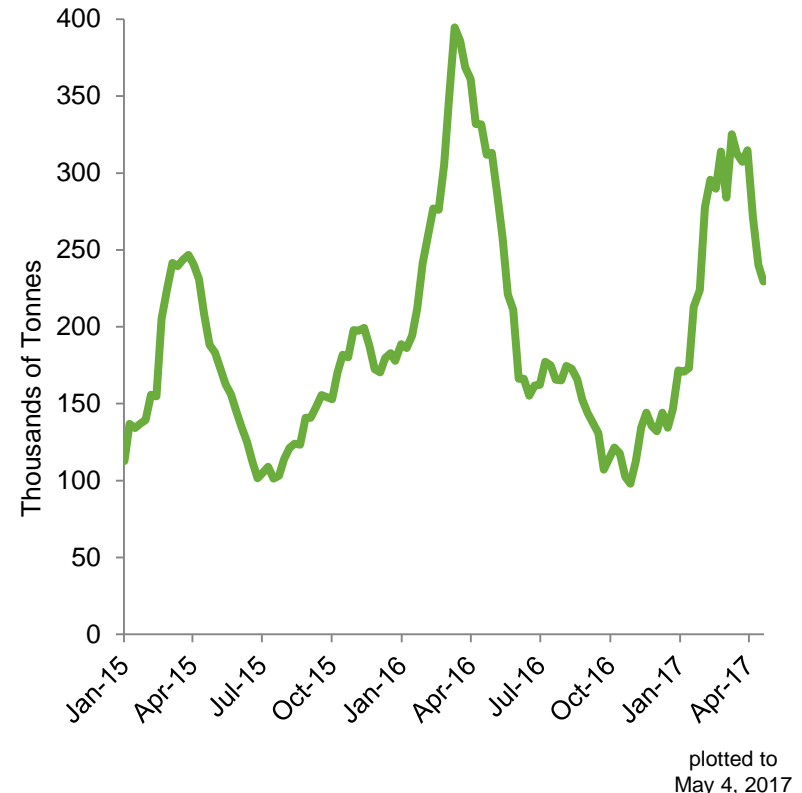


# LME Copper Stock Drops Not Demand Driven **Teck**

## LME Copper Stocks



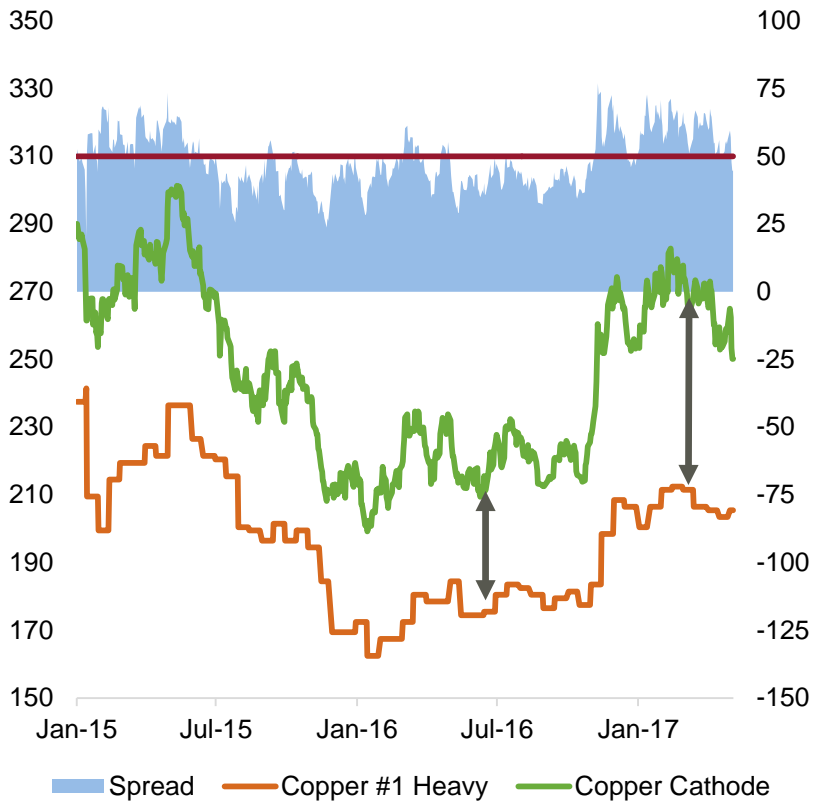
## SHFE Copper Stocks



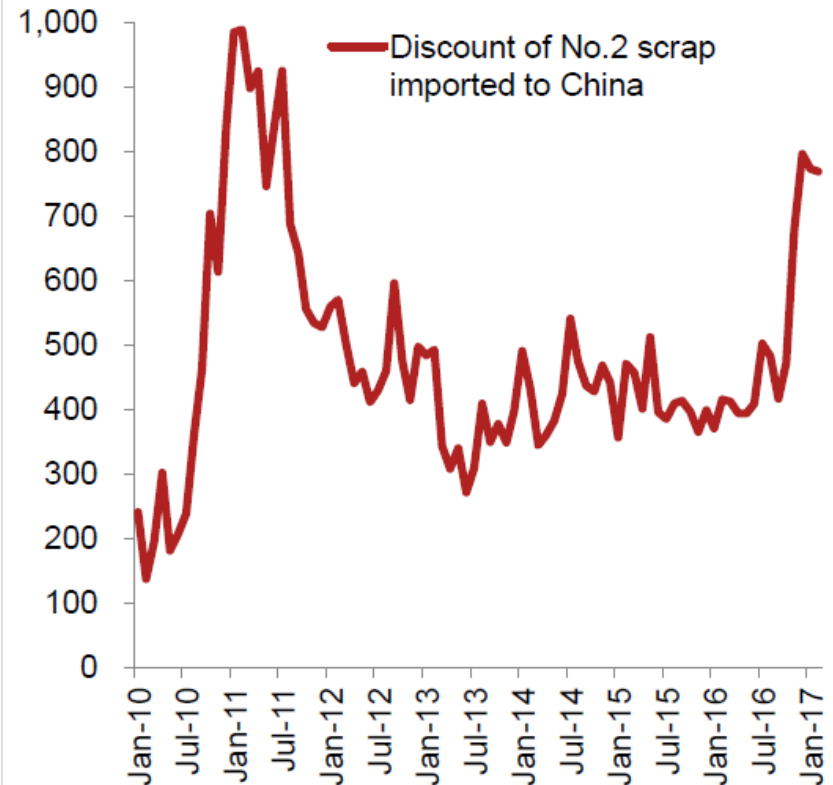
SHFE stock falls likely reflect seasonal destocking

# Copper Scrap Spreads Incentivize Availability **Teck**

## Scrap to Comex Copper Arbitrage in US¢/lb



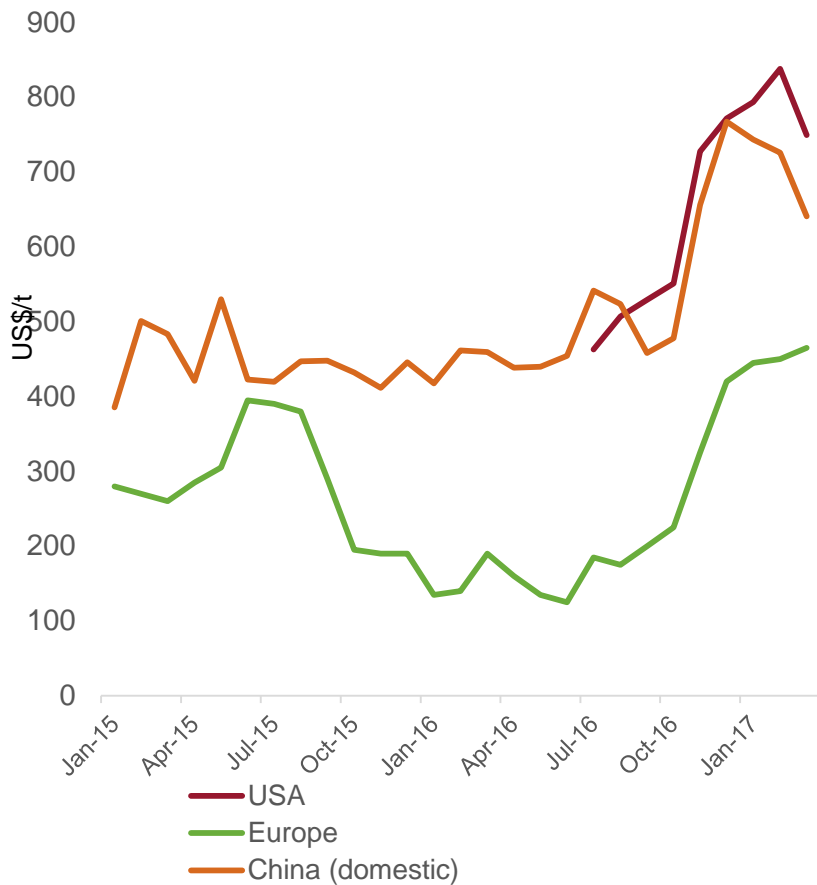
## Discount No.2 Scrap Imported into China USD/t



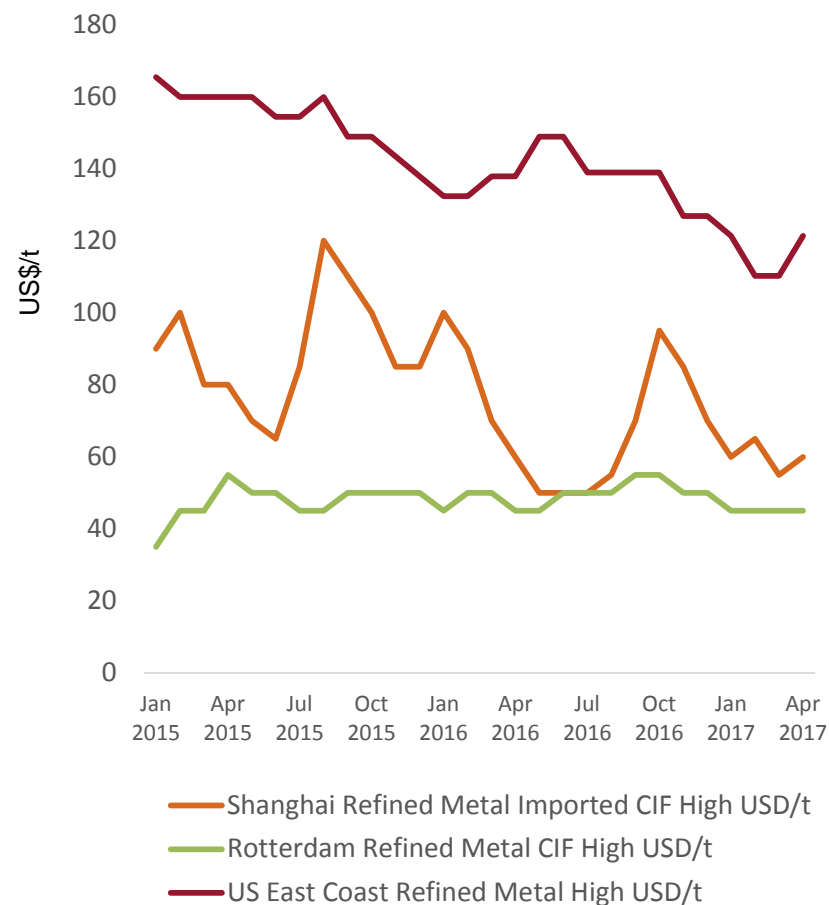
Scrap arbitrage narrowing; scrap consumers now looking to buy cathodes

# Copper Scrap Discounts Narrow & Premiums Improve

## Scrap Discounts Narrowing

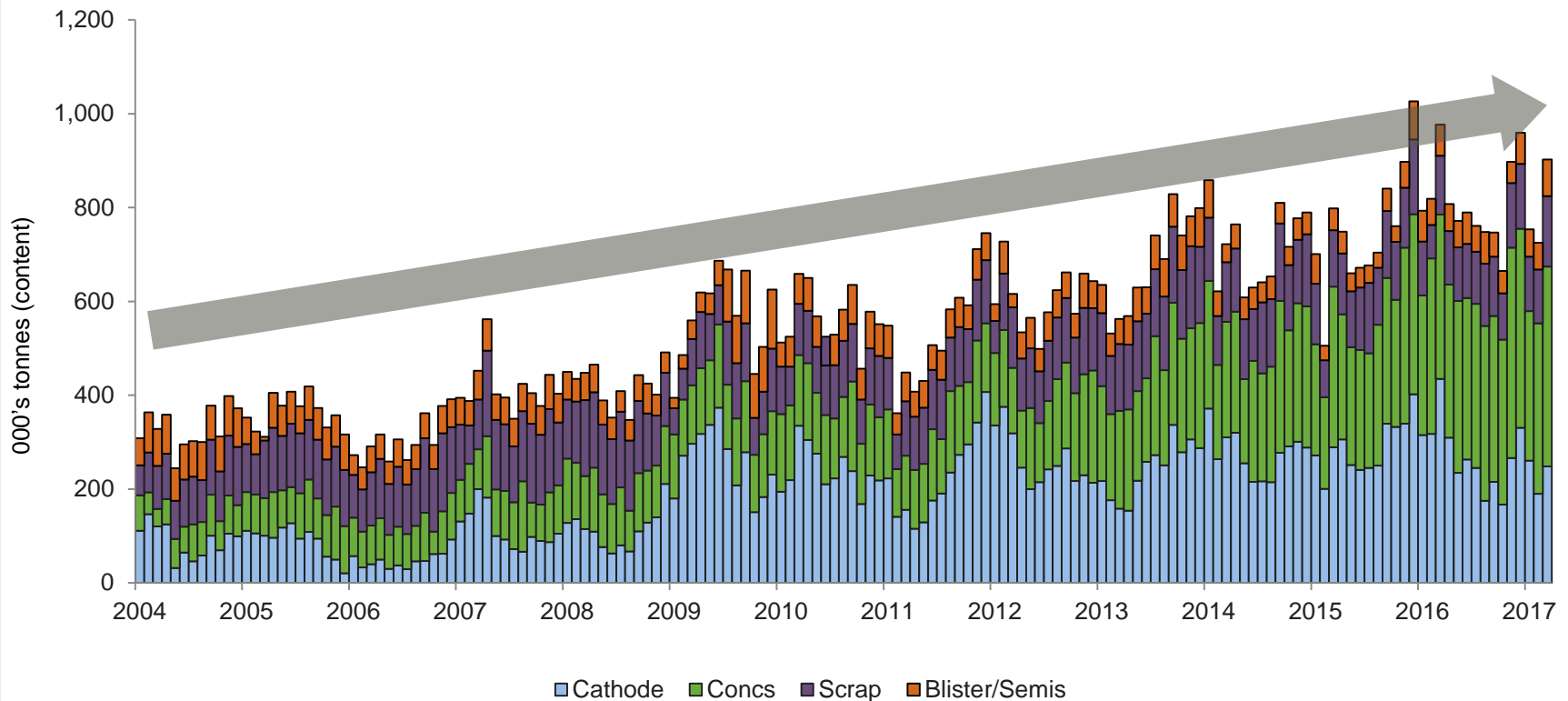


## Cathode Premiums Recovering



# China Switching to Copper Concentrates

## Net Copper Imports

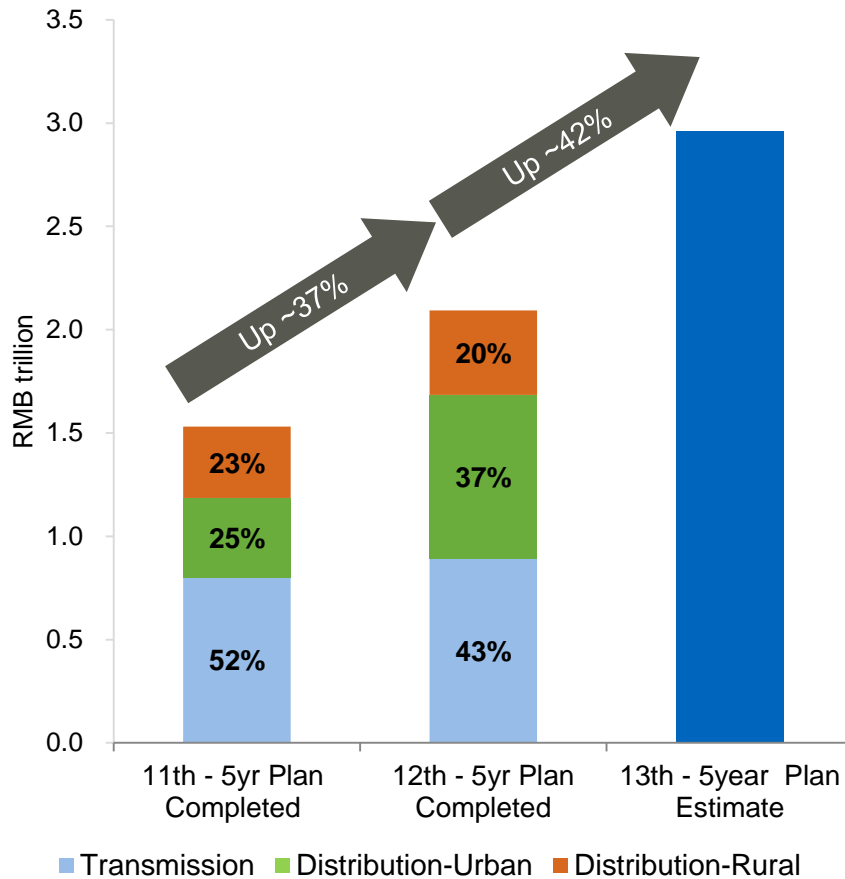


Source: NBS

Plotted to March 2017

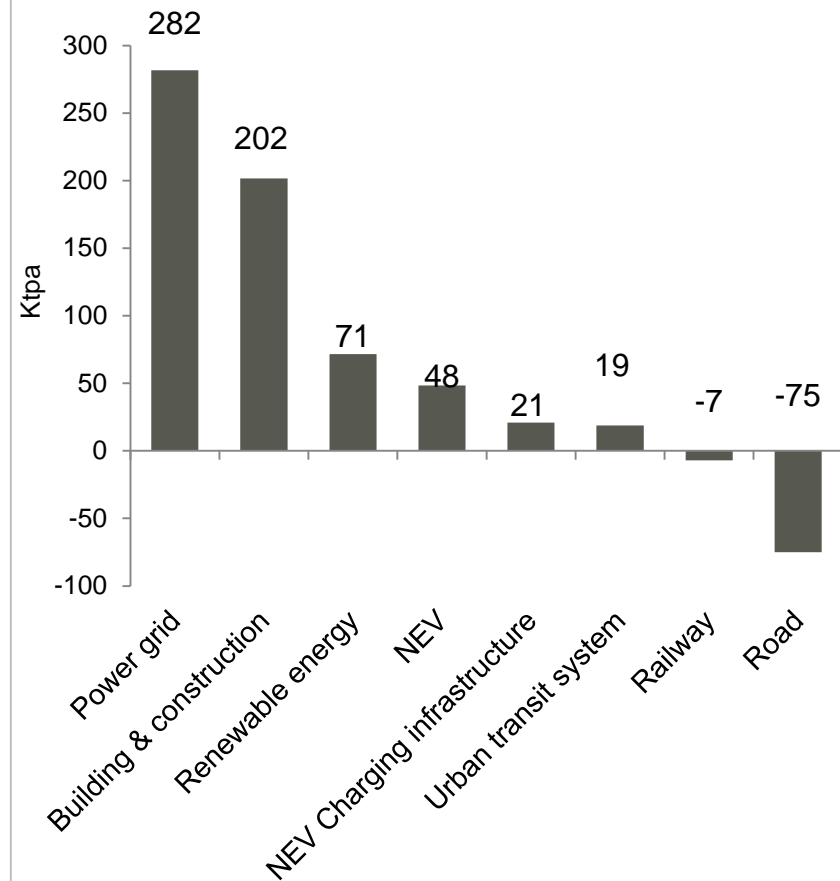
Total copper unit imports climb in 2015 & 2016, but lower YTD by 8% over same period last year

## Significant Power Grid Investment



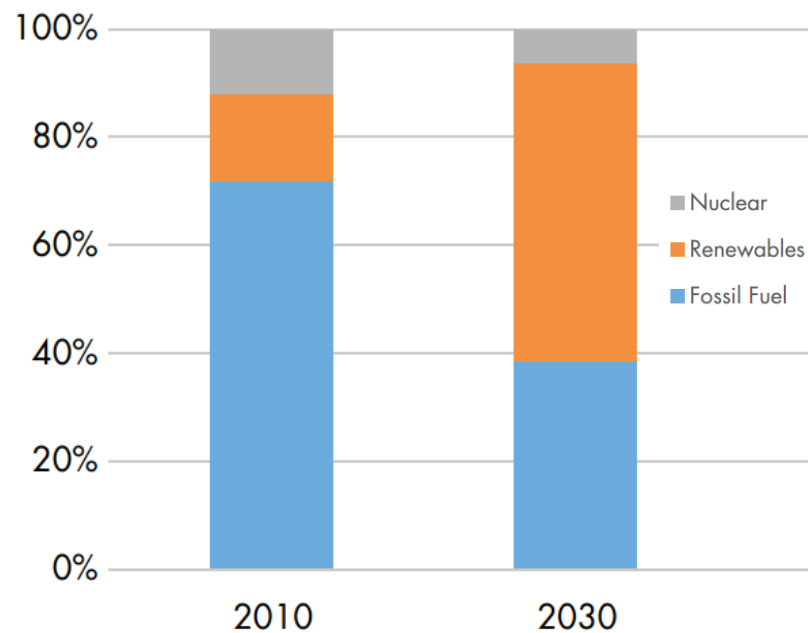
Source: CEC, ICA

## Potential Annual Growth in Most Sectors



Source: NEA, ICA

## Copper Distribution within Electricity Generation Sector



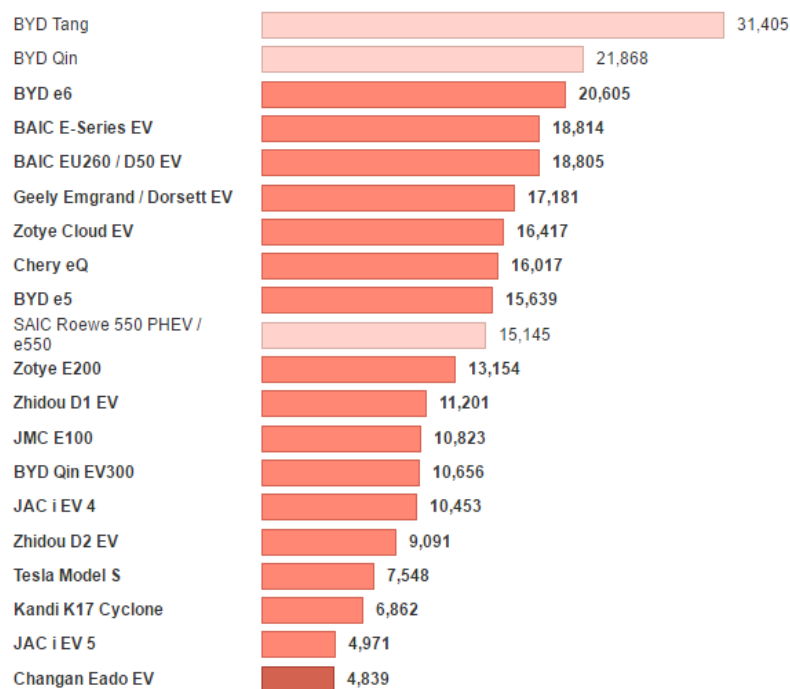
## De-Carbonization/ Renewables Positive for Copper Demand

- Copper intensity is 4–12 x higher in renewable over non-renewable energy.
- Wind & solar require more copper per installed MW.
- Current targets by India & China for solar PV alone could add 6.5 Mt of new copper.
- Current targets by India & China alone could see an increase of 1200 GW of wind generation which would be 3.6 Mt of copper.

De-carbonization through the use of renewable energy could add >10 Mt of copper demand by 2030

## China will Leap Frog US & Europe With Electric Vehicles

### China Electric Car Registrations (December 2016)



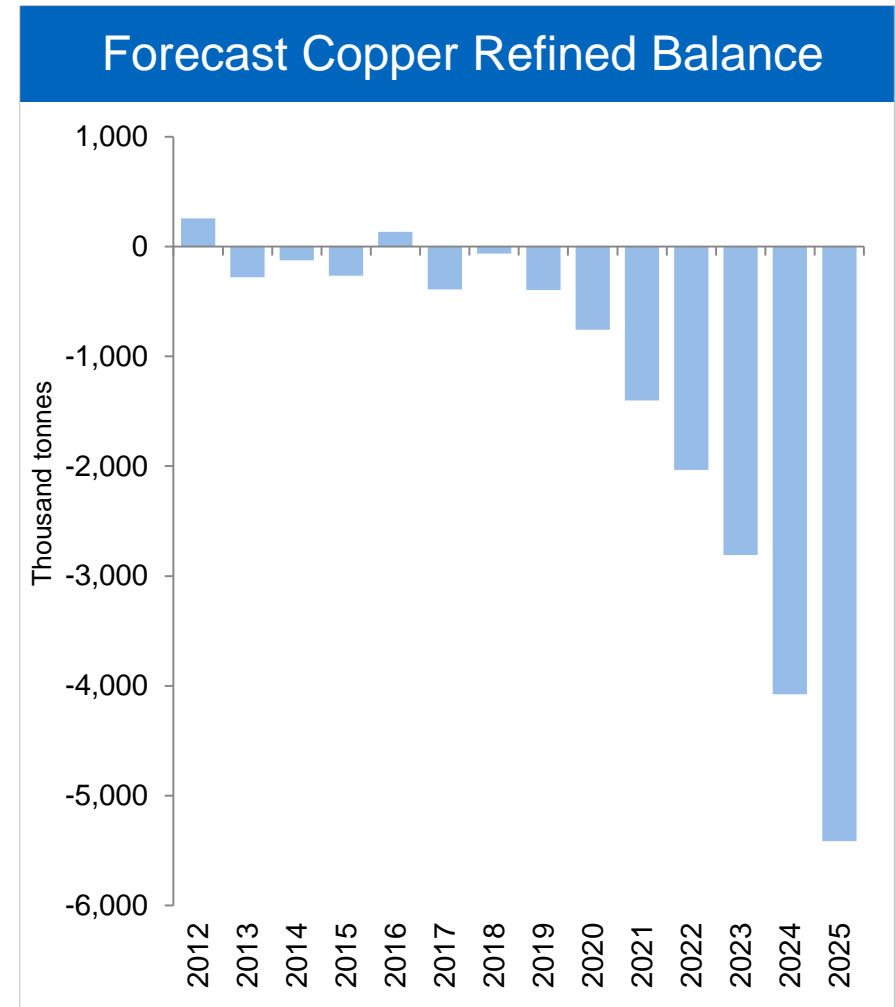
## China Electric Car Sales 47% of World

- China sold 351,800 Electric Cars in 2016
- Tesla sold 76,200.
- China Will Replace All 67,000 Fossil-Fueled Taxis In Beijing With Electric Cars.
- IEA estimates that as battery technology improves Average EV could contain 90kg – 150kg of Copper vs 15kg for ICE.



Copper intensity of EV and hybrid vehicles 4-6x that of ICE; penetration could reach 50%

- At 2.1% global demand growth, 521 kt new supply needed annually
- Mine production falls ~230 kt per year after 2019
- Market finely balanced through 2018
  - Could materially change with similar disruption level as 2015
- Structural deficit starts 2019
- Projects delayed today will not be available by 2019



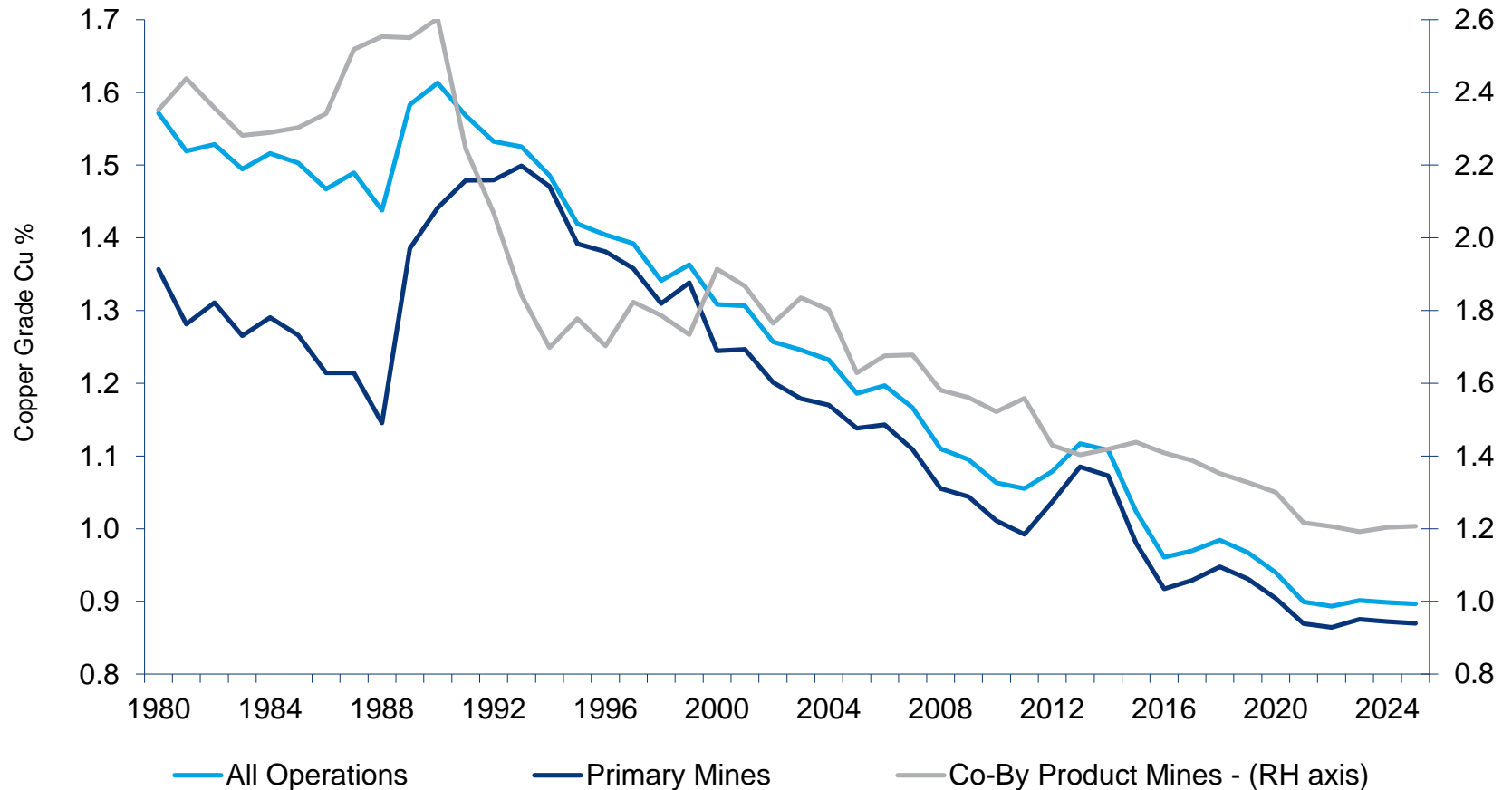


# Ore Grade Trends

*Ongoing Decline will put Upward Pressure on Unit Costs*



## Industry Head Grade Trends (Weighted by Paid Copper)



Source: Wood Mackenzie

|                                    |   |  |
|------------------------------------|---|--|
| <b>Project Capital<sup>1</sup></b> | <b>Capital Intensity<sup>2</sup></b>            | <b>C1 Cash Costs<sup>2</sup></b>         |
| <b>US\$4.7</b>                     | <b>~US\$16,000</b>                              | <b>US\$1.28</b>                          |
| billion                            | \$/tonnes annual CuEq                           | per pound                                |
| <b>Throughput</b>                  | <b>Copper Equivalent Production<sup>2</sup></b> | <b>Molybdenum Production<sup>2</sup></b> |
| <b>140,000</b>                     | <b>300,000</b>                                  | <b>7,700</b>                             |
| tonnes per day                     | tonnes per year                                 | tonnes per year                          |

- Competitive capital intensity
- Tier 1 metal producer
- AISC well in the low half of the cost curve
- Very low strip (included as cash cost) and low sustaining capital

*Note: Based on Feasibility Study.*

*1. 100% basis, in constant first quarter of 2016 dollars, excluding working capital and interest during construction. Teck owns a 76.5% share.*

*2. Average production rates, copper equivalent production rates, C1 cash costs and initial development capital are based on the first full five years of operations. C1 cash costs are net of by-product credits.*

## NI 43-101 Case

| Copper Price (US\$ per pound)           | \$2.75 | \$3.00 | \$3.25 | \$3.50 |
|---|--------|--------|--------|--------|
| Net present value at 8% (US\$ millions) | 565    | 1,253  | 1,932  | 2,604  |
| Internal rate of return (%)             | 9.7%   | 11.7%  | 13.5%  | 15.2%  |
| Payback from first production (years)   | 6.8    | 5.8    | 5.0    | 4.4    |
| Annual EBITDA                           |        |        |        |        |
| First Full Five Years (US\$M pa)        | 856    | 1,002  | 1,148  | 1,294  |
| First Full Ten Years (US\$M pa)         | 781    | 918    | 1,055  | 1,192  |
| Life of Mine (US\$ million pa)          | 685    | 811    | 937    | 1,063  |

- ✓ Long life (25 years plus optionality)
- ✓ Attractive production metrics (top 15 copper producer globally)
- ✓ Low cost (low half of AISC cost curve)
- ✓ Competitive capital intensity (~\$16k per tonne)
- ✓ Attractive jurisdiction for long term ownership

# NuevaUnión: A New Approach to Project Development **Teck**

## **Teck and Goldcorp have combined Relincho & El Morro projects and formed a 50/50 joint venture company**

- Committed to building strong, mutually beneficial relationships with stakeholders & communities

## **Capital smart partnership**

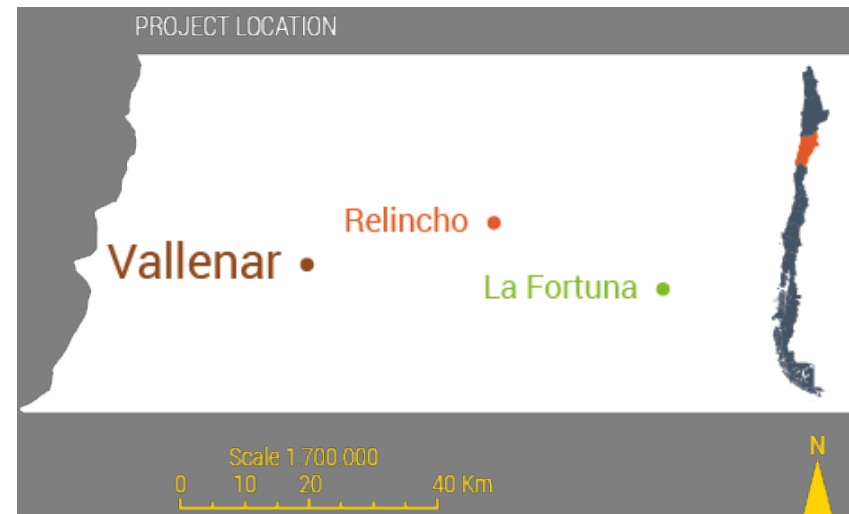
- Shared capital, common infrastructure
- Shared risk, shared rewards

## **Benefits of combining projects include:**

- Longer mine life
- Lower cost, improved capital efficiency
- Reduced environmental footprint
- Enhanced community benefits
- Greater returns over either standalone project



NuevaUnión



|                                |                                       |                                     |
|--------------------------------|---------------------------------------|-------------------------------------|
| <b>Initial Project Capital</b> | <b>Copper Production<sup>1</sup></b>  | <b>Gold Production<sup>1</sup></b>  |
| <b>US\$3.5</b>                 | <b>190,000</b>                        | <b>315,000</b>                      |
| billion                        | tonnes per year                       | ounces per year                     |
| <b>Mine Life</b>               | <b>Copper in Reserves<sup>2</sup></b> | <b>Gold in Reserves<sup>2</sup></b> |
| <b>32+</b>                     | <b>16.6</b>                           | <b>8.9</b>                          |
| years                          | billion pounds                        | million ounces                      |

- Copper equivalent production of 250 kt per year
- Prefeasibility study completion expected at end Q3 2017
- Proactive & participatory community engagement approach

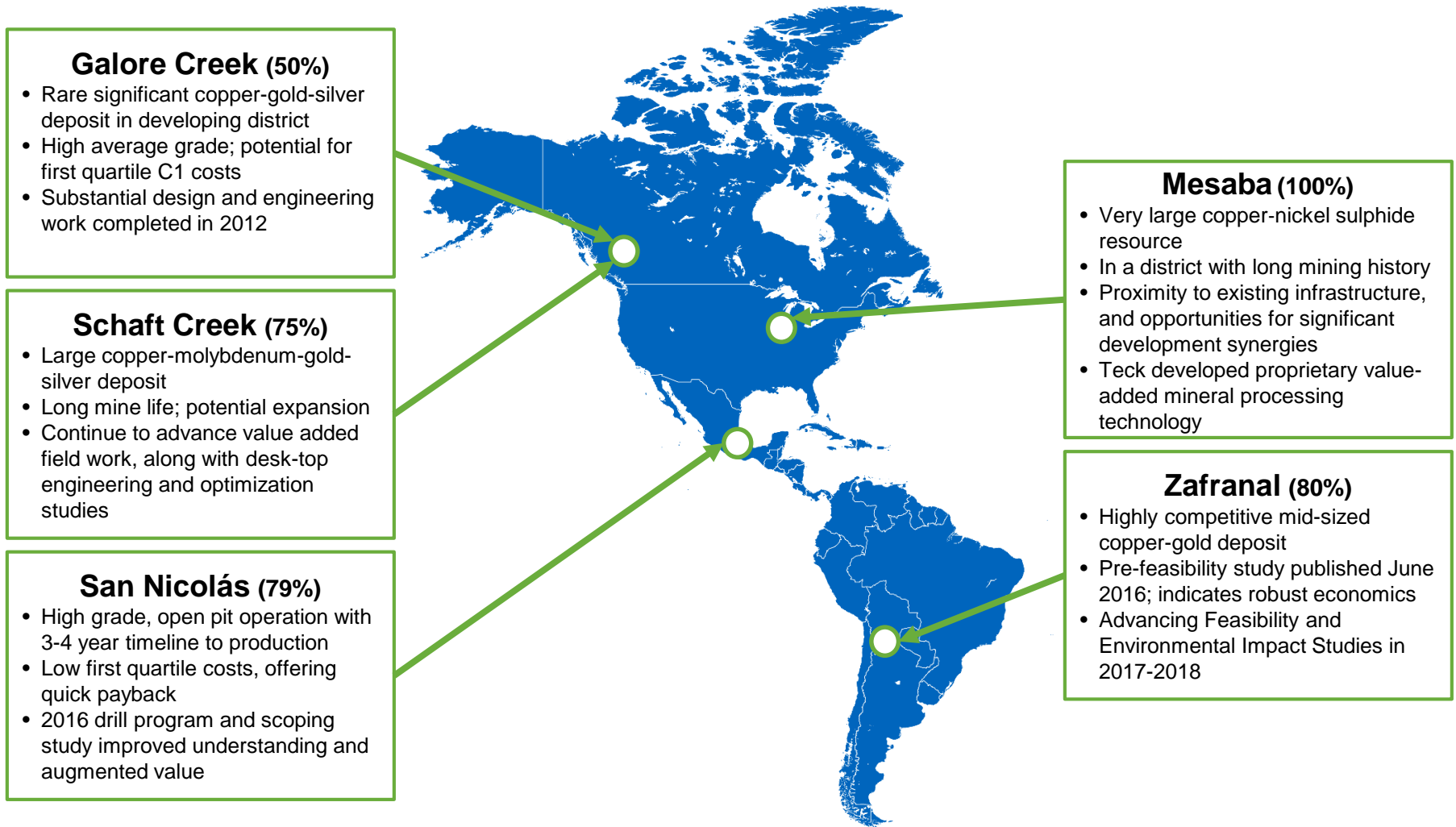
*Note: Conceptual based on preliminary design from the PEA.*

*1. Average production rates and copper equivalent production are based on the first full ten years of operations.*

*2. Total copper and gold contained in mineral reserves as reported separately by Teck and Goldcorp.*

*3. Capital estimate for Phase 1a based on preliminary design shown in 2015 dollars on an unescalated basis.*

# Satellite Project: 5 Quality Base Metal Assets **Teck**



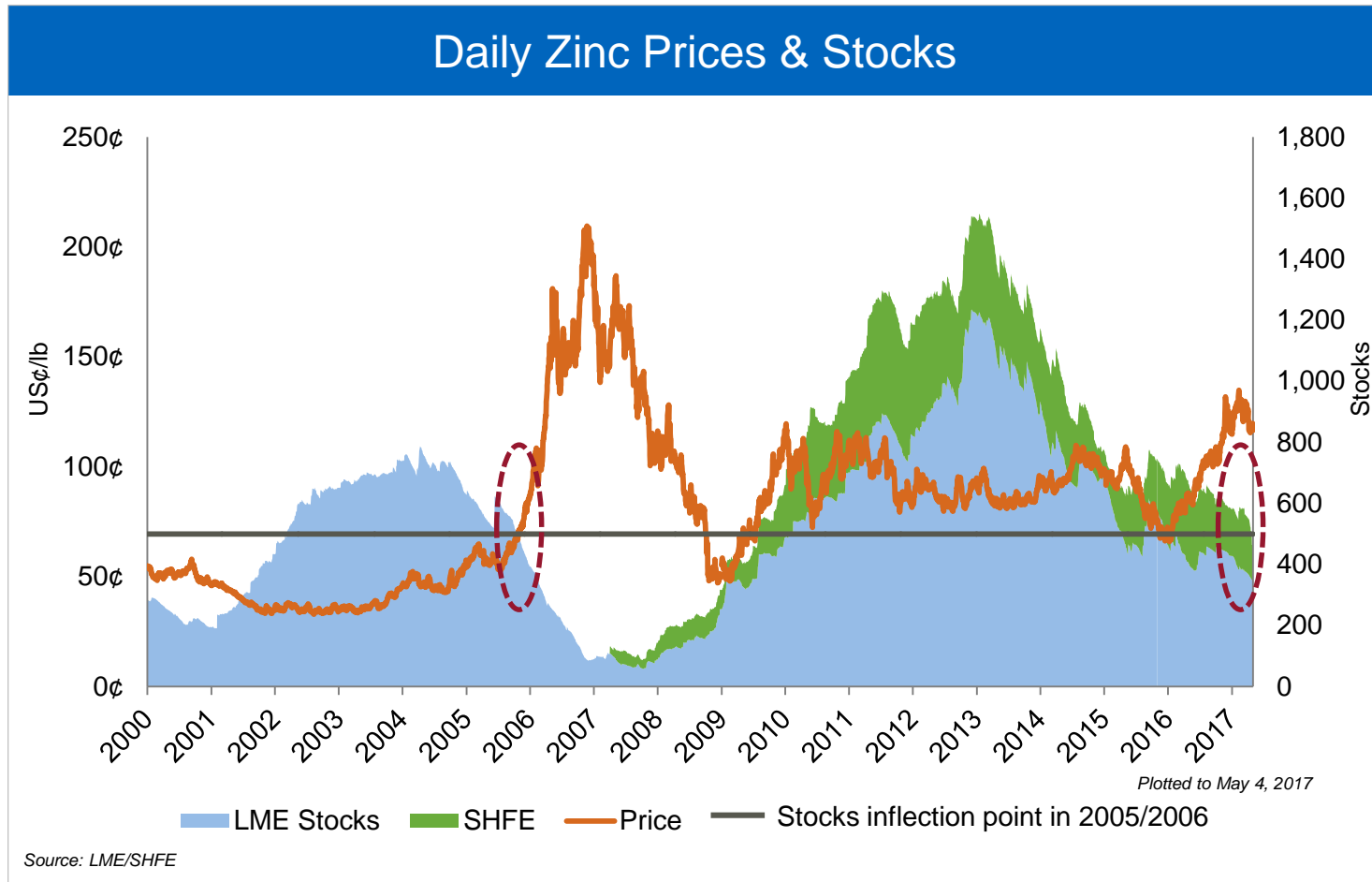
Substantial resources in mining friendly jurisdictions

# Teck

Zinc  
Business Unit & Markets



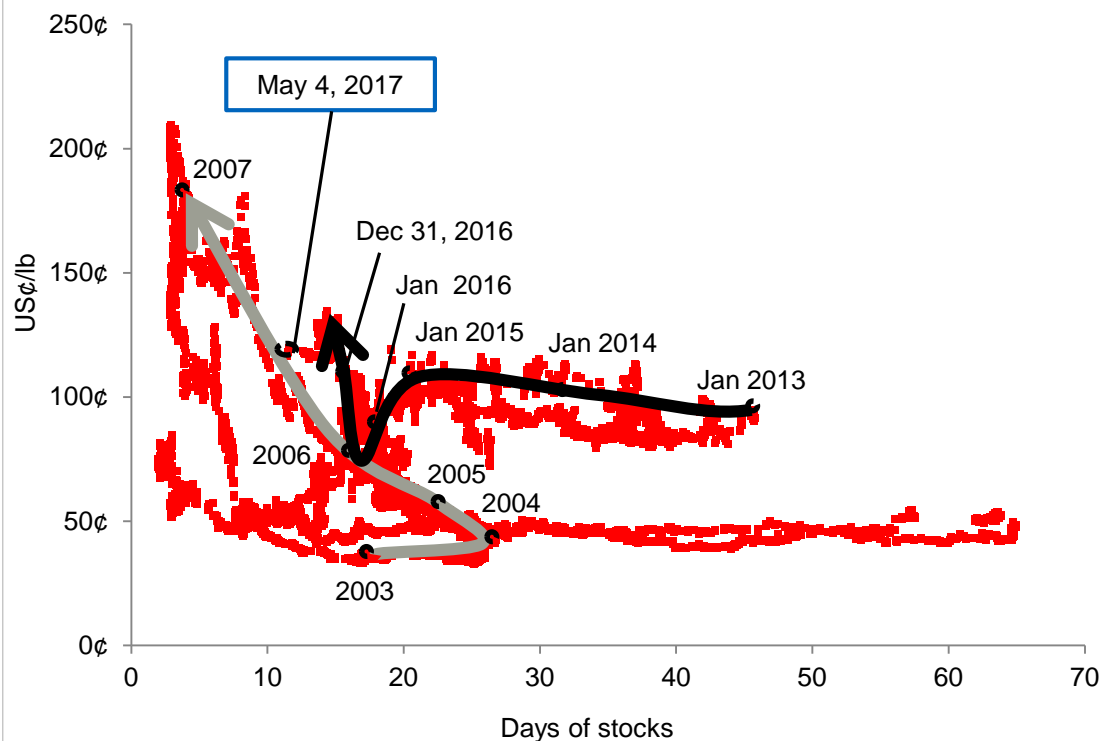
# Zinc Metal Market Moving Towards Tightness **Teck**



Stocks are at the critical level from 2006



## Zinc Prices vs. Days of Reported Stocks



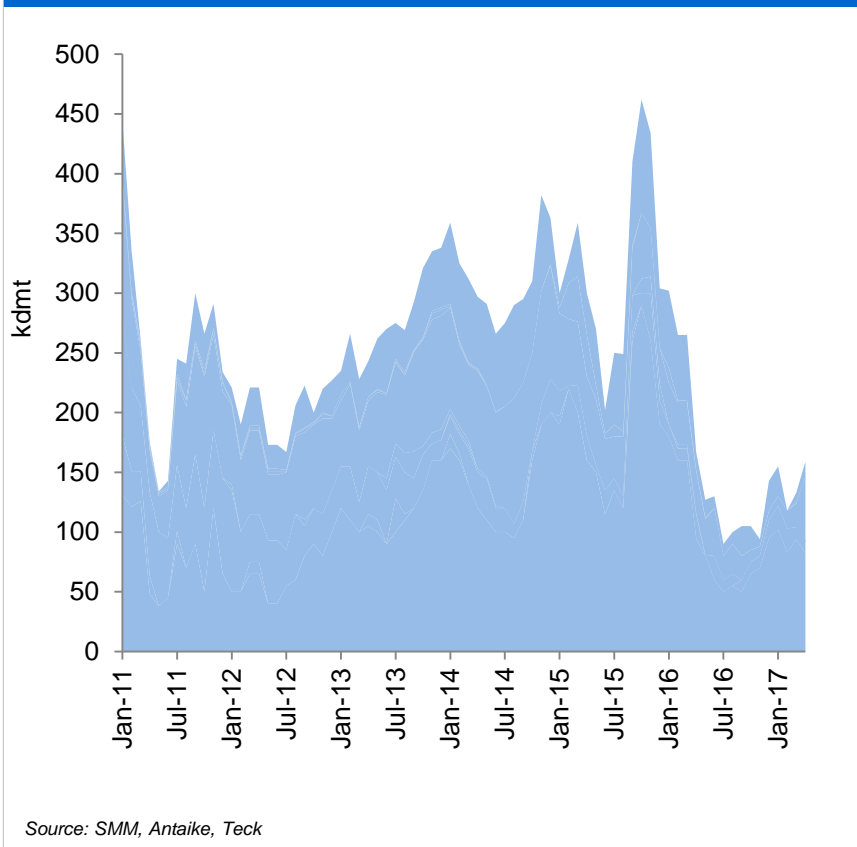
Source: LME, SHFE, Wood Mackenzie

Data Plotted from 2000 to May 4, 2017

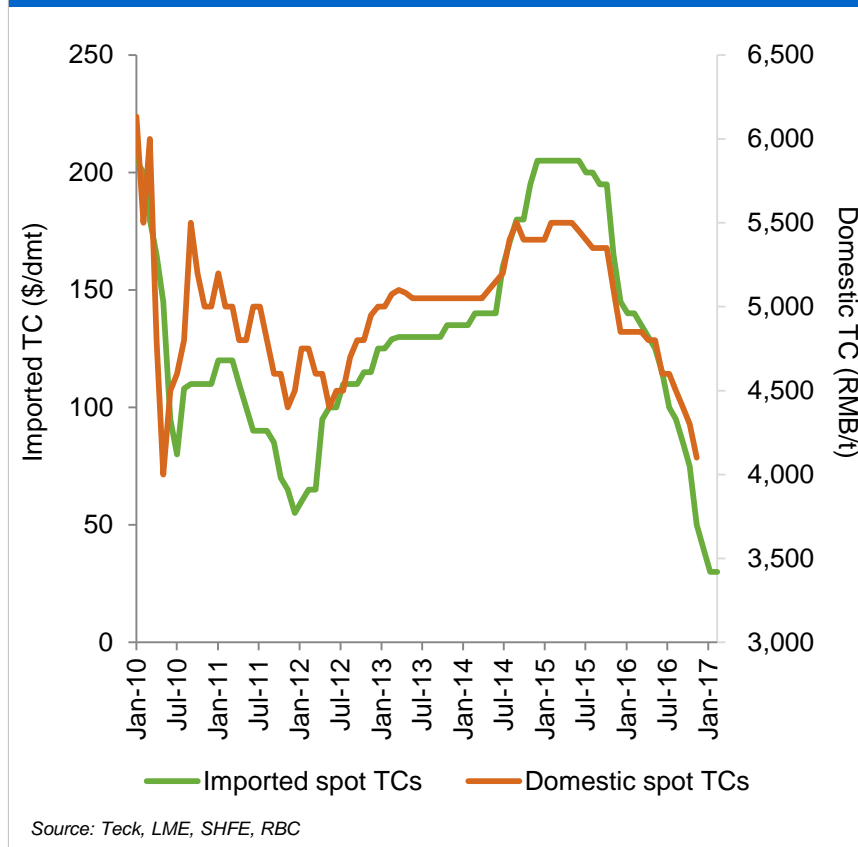
- Significant mine closures completed
- Mine production has fallen
- Asian metal production curtailments
- Inventories declining
- Treatment charges have tightened significantly

# Concentrate Stocks at Historic Lows

## Chinese Zinc Concentrate Port Stocks



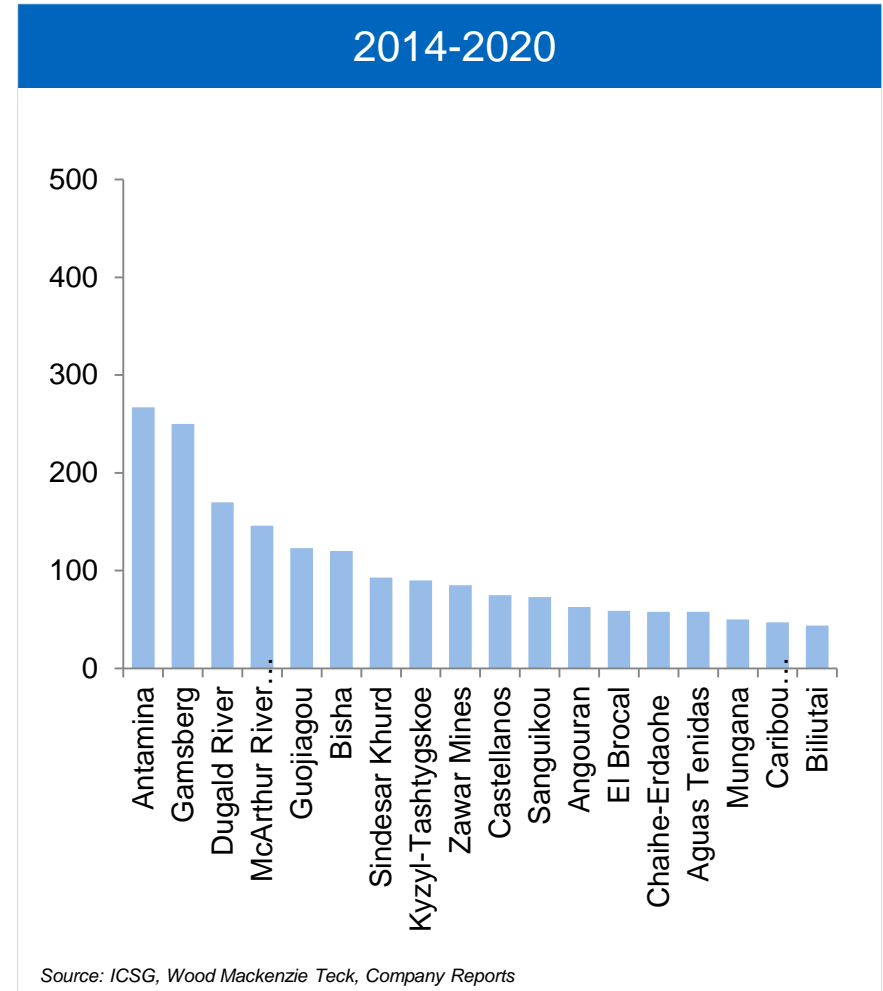
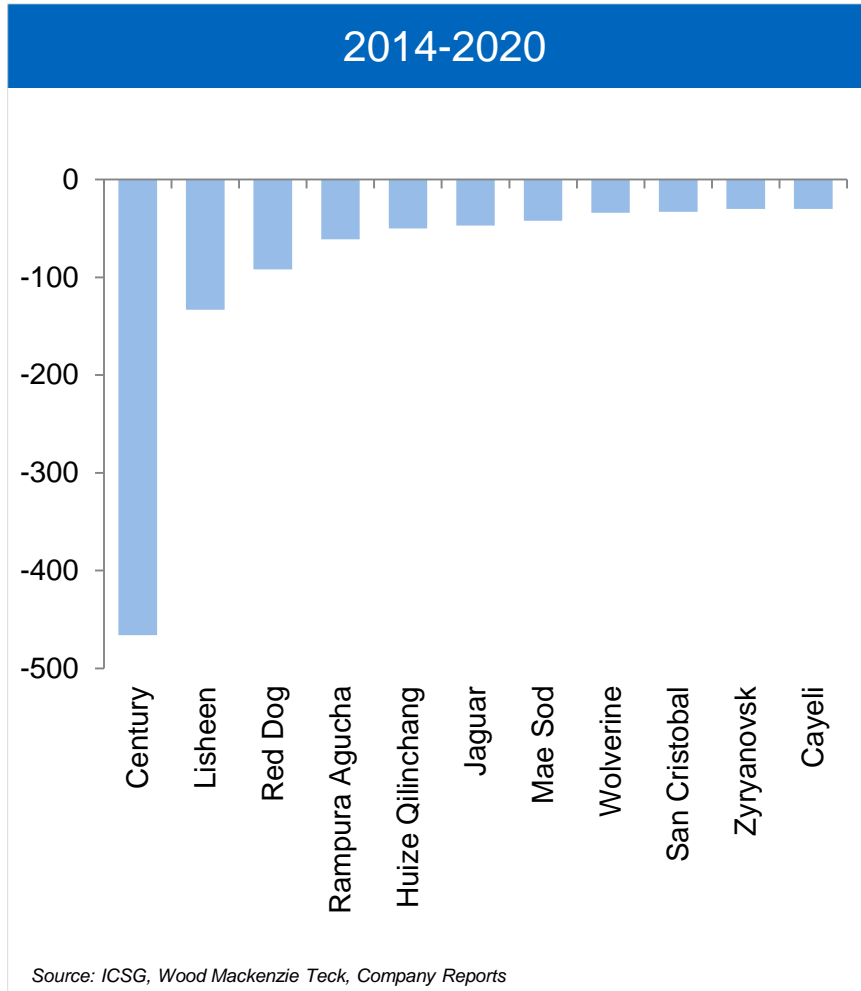
## Zinc Treatment Charges



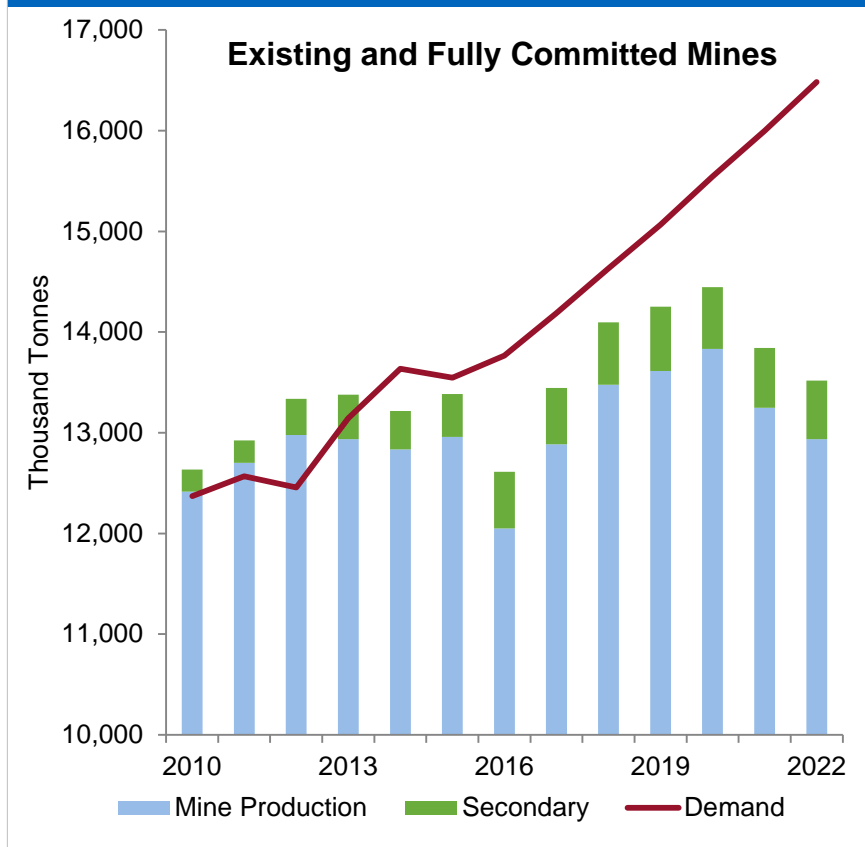
Low concentrate stocks reflected in low TCs

# Significant Zinc Mine Reductions

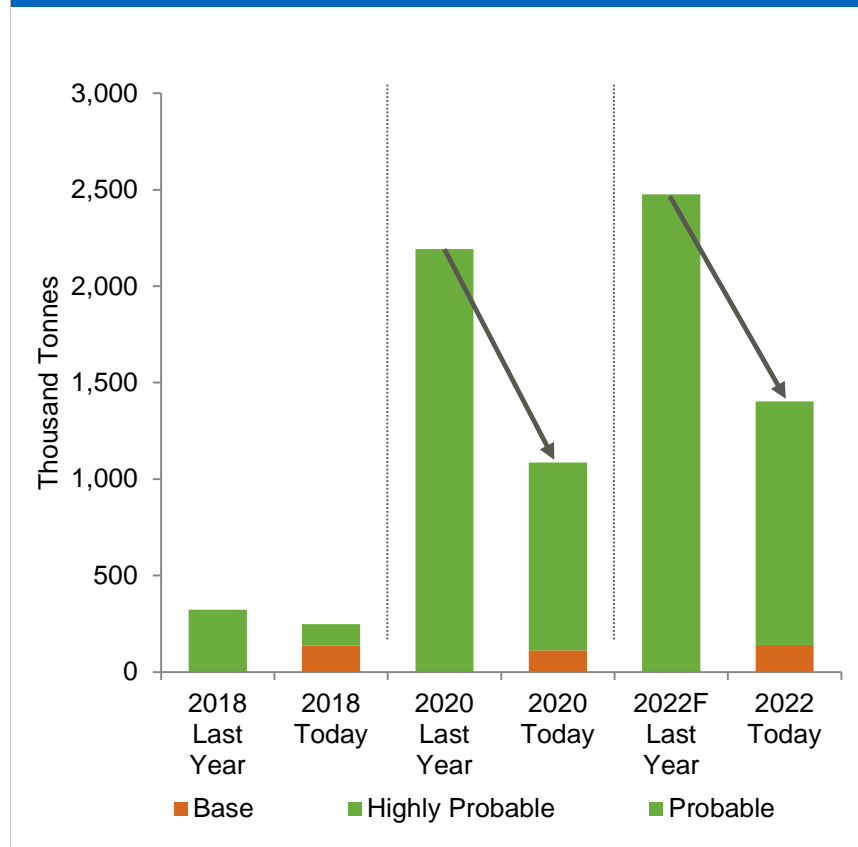
## Large Short-Term Losses, More Long Term



## Zinc Mine Production Has Peaked



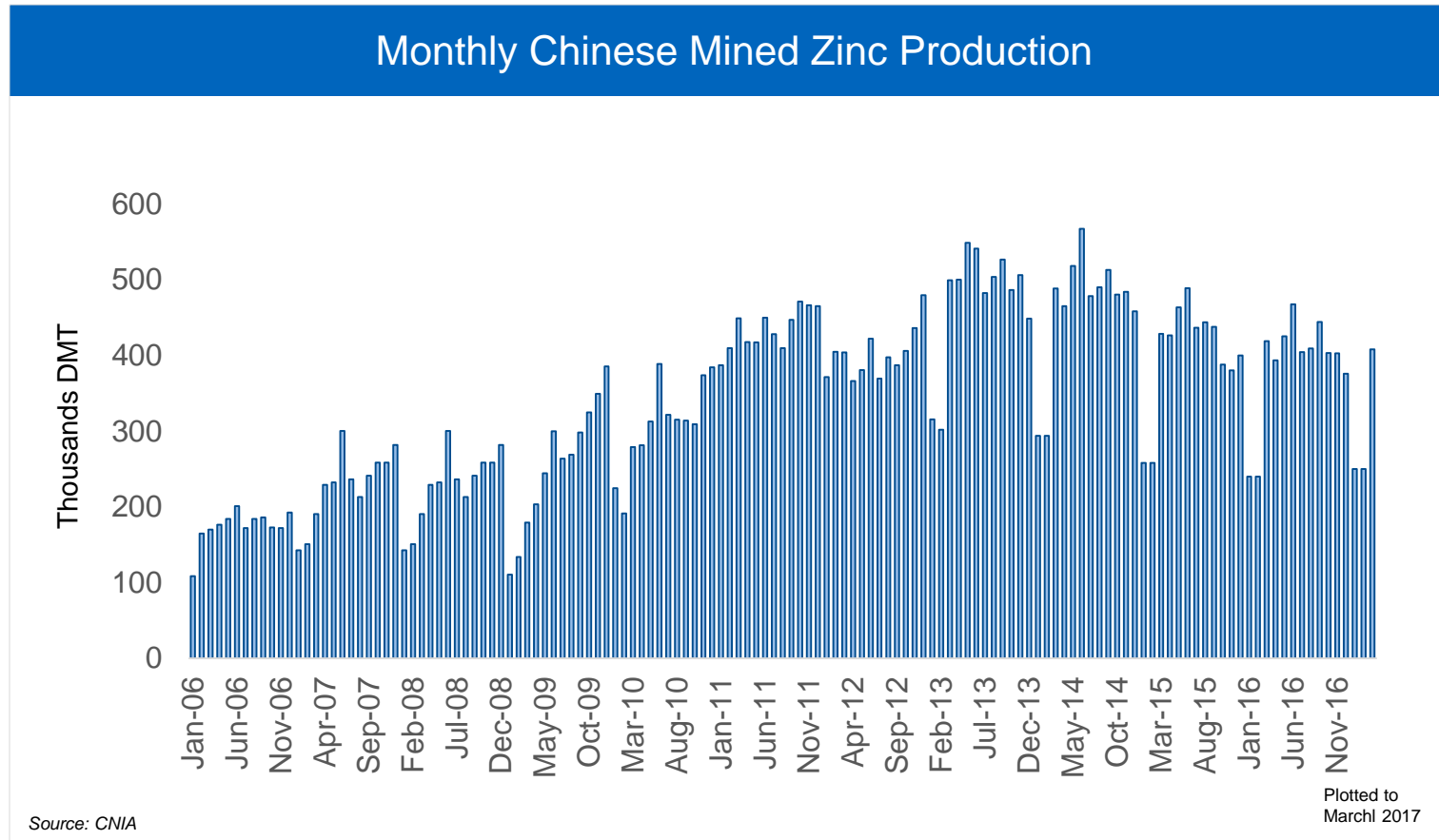
## Uncommitted Projects Increasingly Delayed



Committed and operating mine production peaking & replacement projects delayed

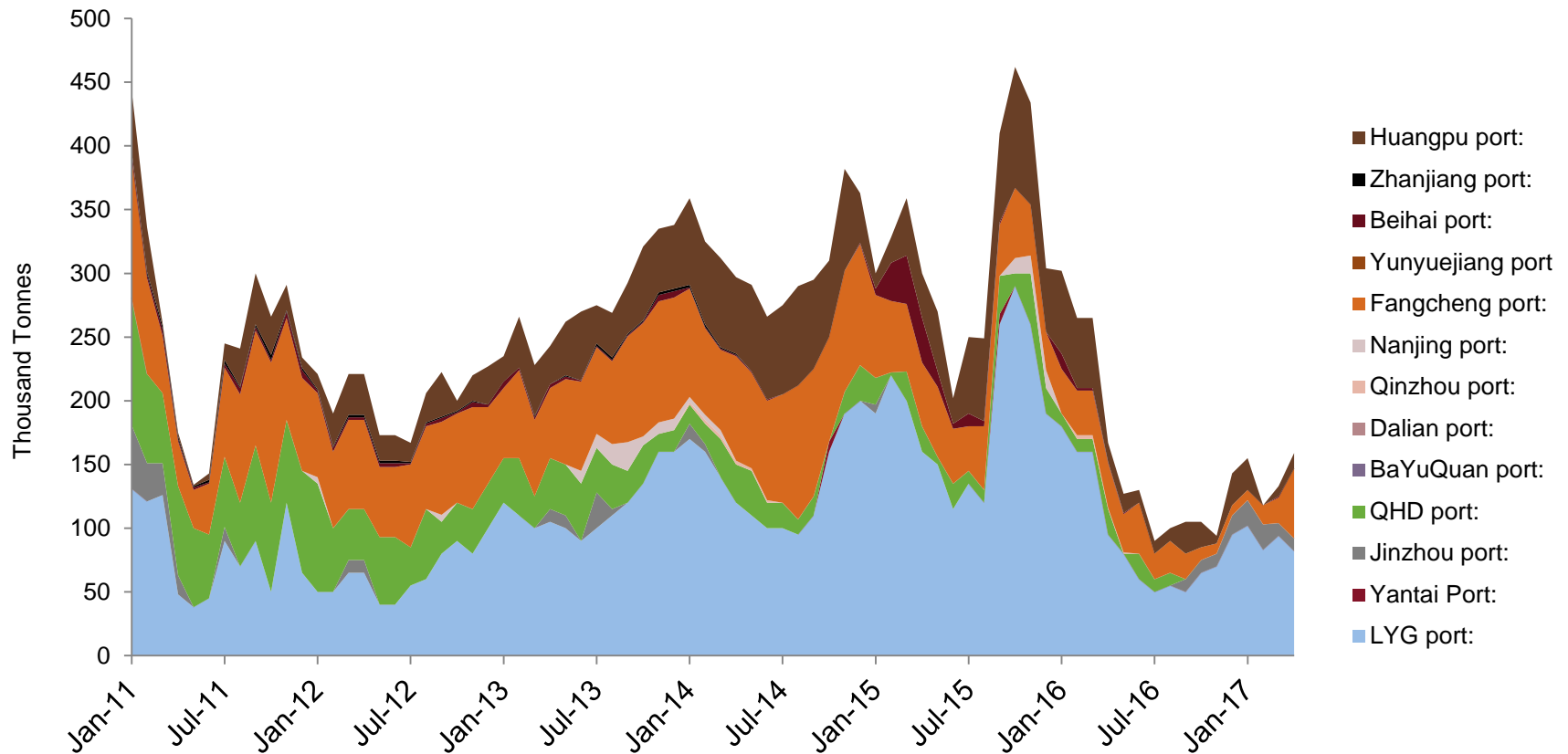
# Chinese Mined Zinc Production

## *Seasonality is a Potential Catalyst for Market Inflection*



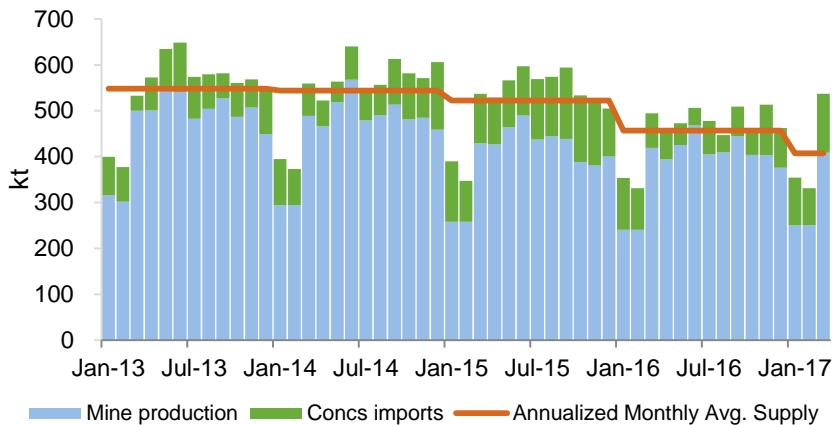
Production typically declines in winter (January-April)

## Monthly Stocks of Zinc Concentrate



Plotted to April 2017

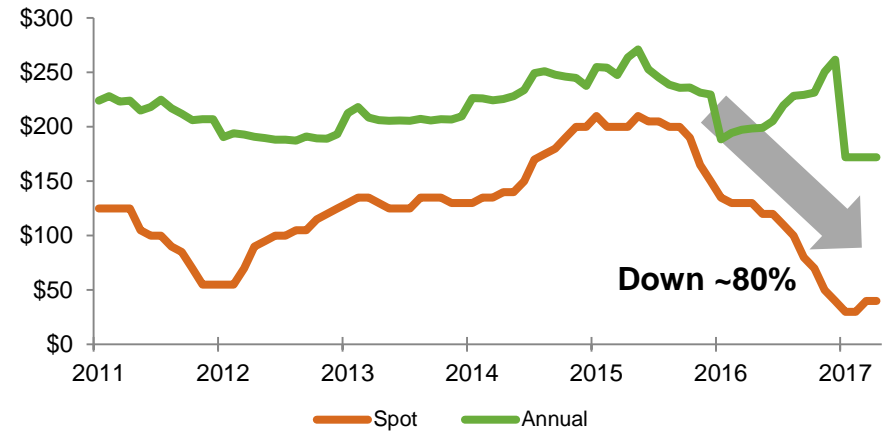
## Concentrate Supply Shrinking



Source: NBS/CNIA, Customs

Plotted to March 2017

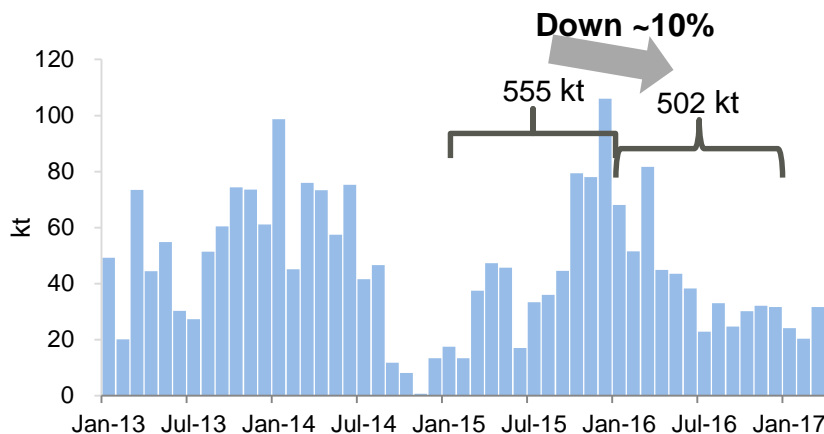
## Spot and Benchmark TCs Tighten



Source: NBS/CNIA, Customs

Plotted to April 2017

## Chinese Zinc Metal Imports



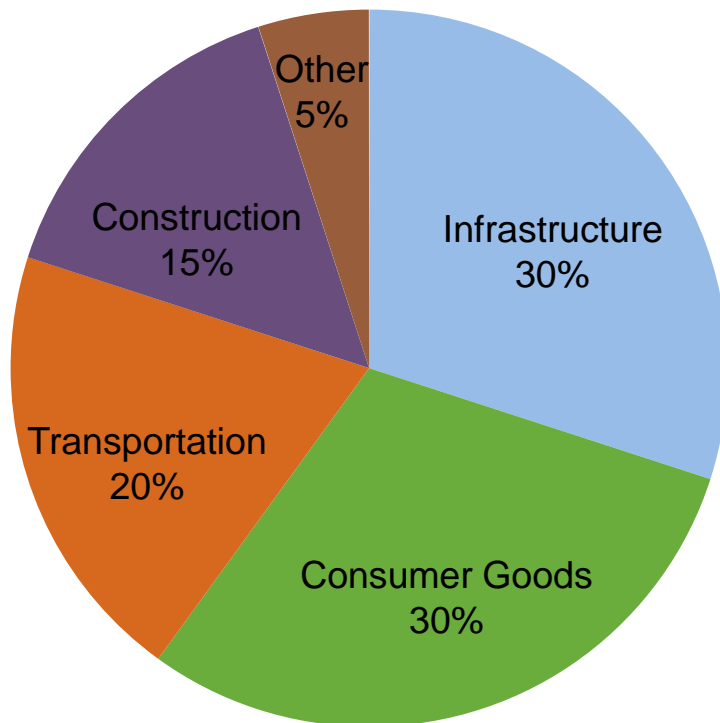
Source: NBS/CNIA, Customs

Plotted to March 2017

- Domestic concentrate production plus imports ~550 kt/mth in 2013 - Currently ~410 kt/mth
- Concentrate imports averaged ~95 kt/mth 2013 to 2015  
– 2016 averaging 70 kt/mth
- Reduction in supply forcing metal production cuts
- Continued tightness is evidenced by the falling TCs

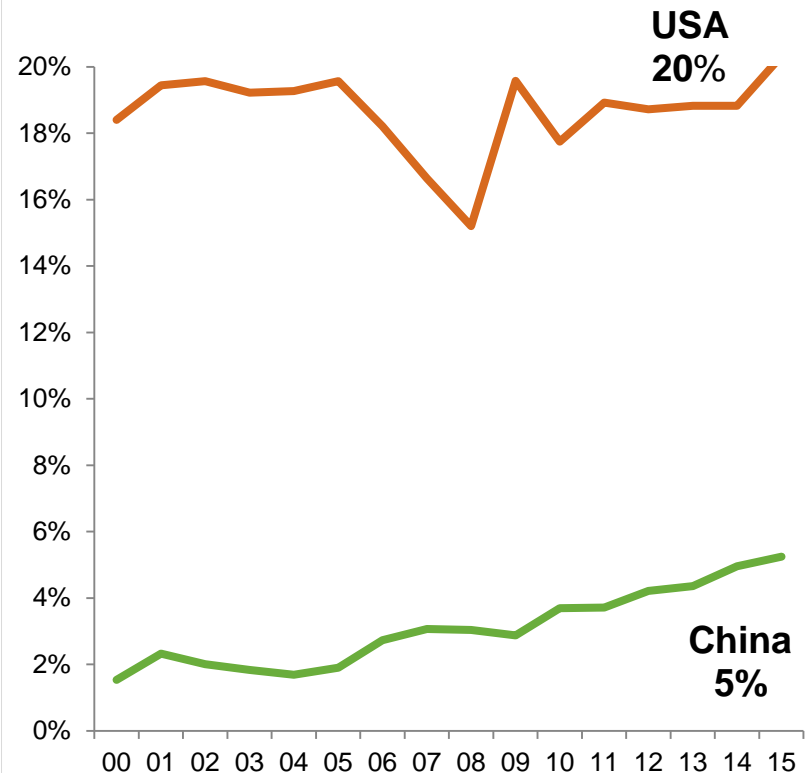
# Chinese Zinc Demand to Outpace Supply

## China Zinc Demand



Source: Teck

## Galvanized Steel as % Crude Production

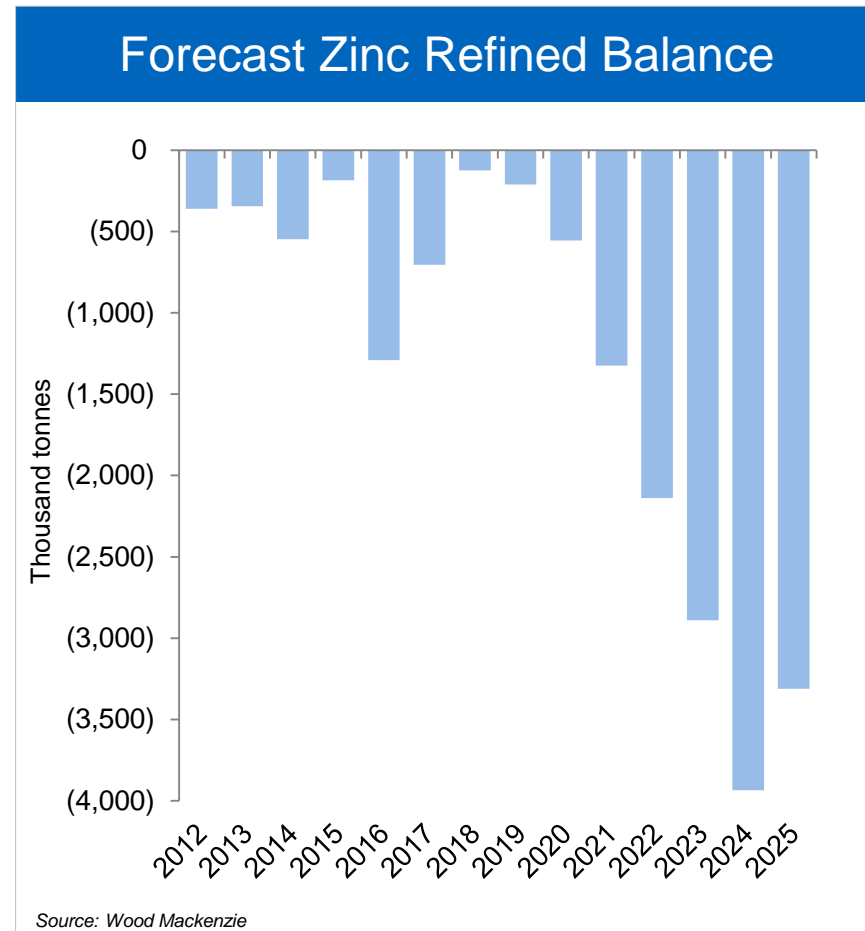


Source: Teck

If China were to galvanize crude steel at half the rate of the US using the same rate of zinc/tonne, a further 2.1 Mt would be added to global zinc consumption



- Insufficient mine supply to constrain refined production
  - 2015-2020: demand increase of 1.8 Mt vs. supply increase 1.3 kt
- Market in deficit from 2012
- Inventory that has funded the deficit will be depleted in 2017
- Demand growth projections outpacing supply response

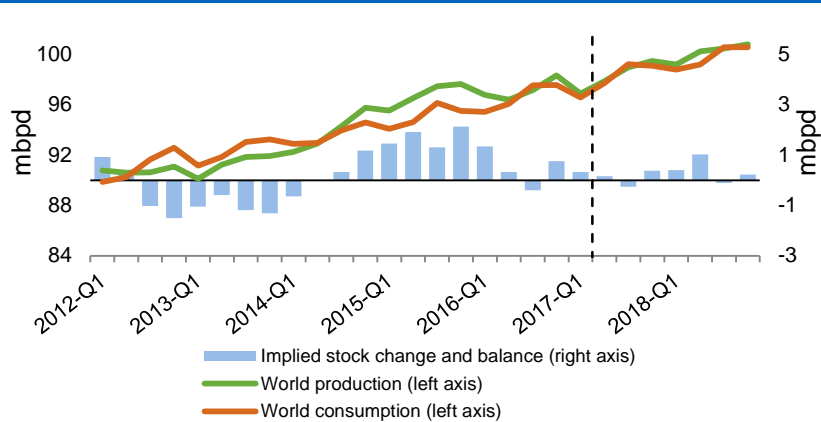


# Teck

Energy  
Business Unit & Markets



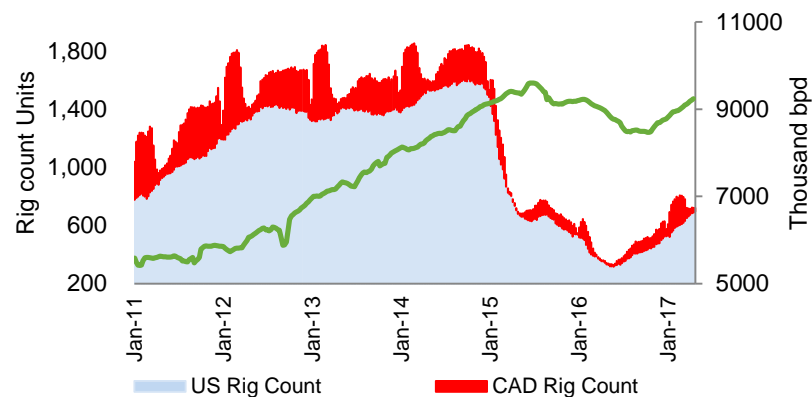
## World Liquid Fuels Production & Consumption



Source: EIA Short Term Energy Outlook April 2017

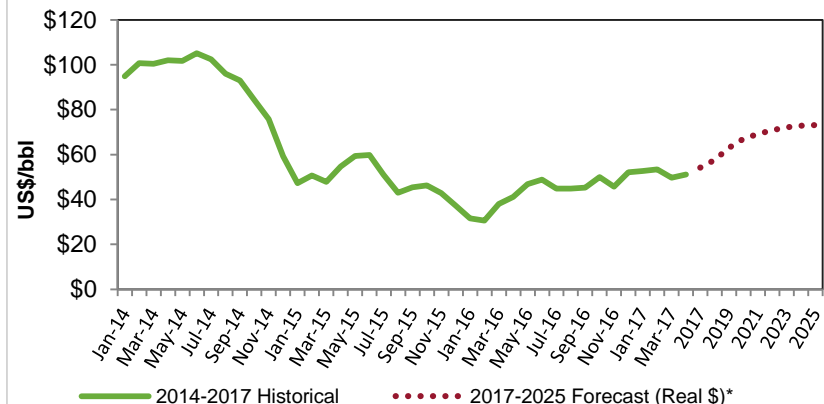
- Production cuts & demand growth expected to balance market in 2017
- Price upside limited by US production growth in short term
- Expectations for US\$75/bbl WTI by 2025

## North American Rig Count & US Production



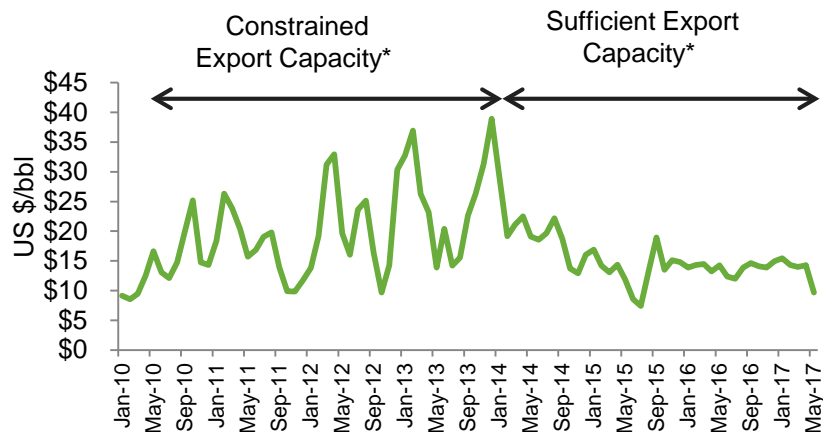
Source: Baker Hughes, EIA

## WTI Benchmark Price (US\$/bbl)



Sources: National Bank of Canada, Sproule, GLJ, IHS

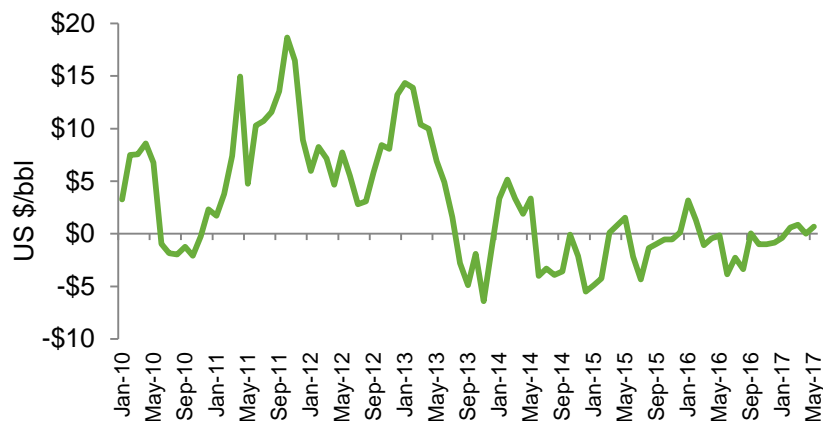
## WTI - Western Canadian Select Differential



## Western Canadian Select (WCS) Is The Benchmark Price For Canadian Heavy Oil At Hardisty, Alberta

- Contract settled monthly as differential to Nymex WTI
- Based on heavy/light differential, supply/demand, alternate feedstock accessibility, refinery outages and export capability
- Year to date differential: \$13.50 US/bbl
- Narrower short-term heavy differentials supported by:
  - OPEC production curtailments
  - Strong regional demand for heavy supply
  - Planned/Unplanned production outages
- Differentials forecasted to widen in 2018-2019
  - Increased oilsands production
  - Constrained export pipeline capacity and increased rail shipments
- Industry evaluating impacts of new bunker fuel oil sulphur specs that take effect in 2020

## Edmonton CRW C5 + Diluent Minus WTI Differential

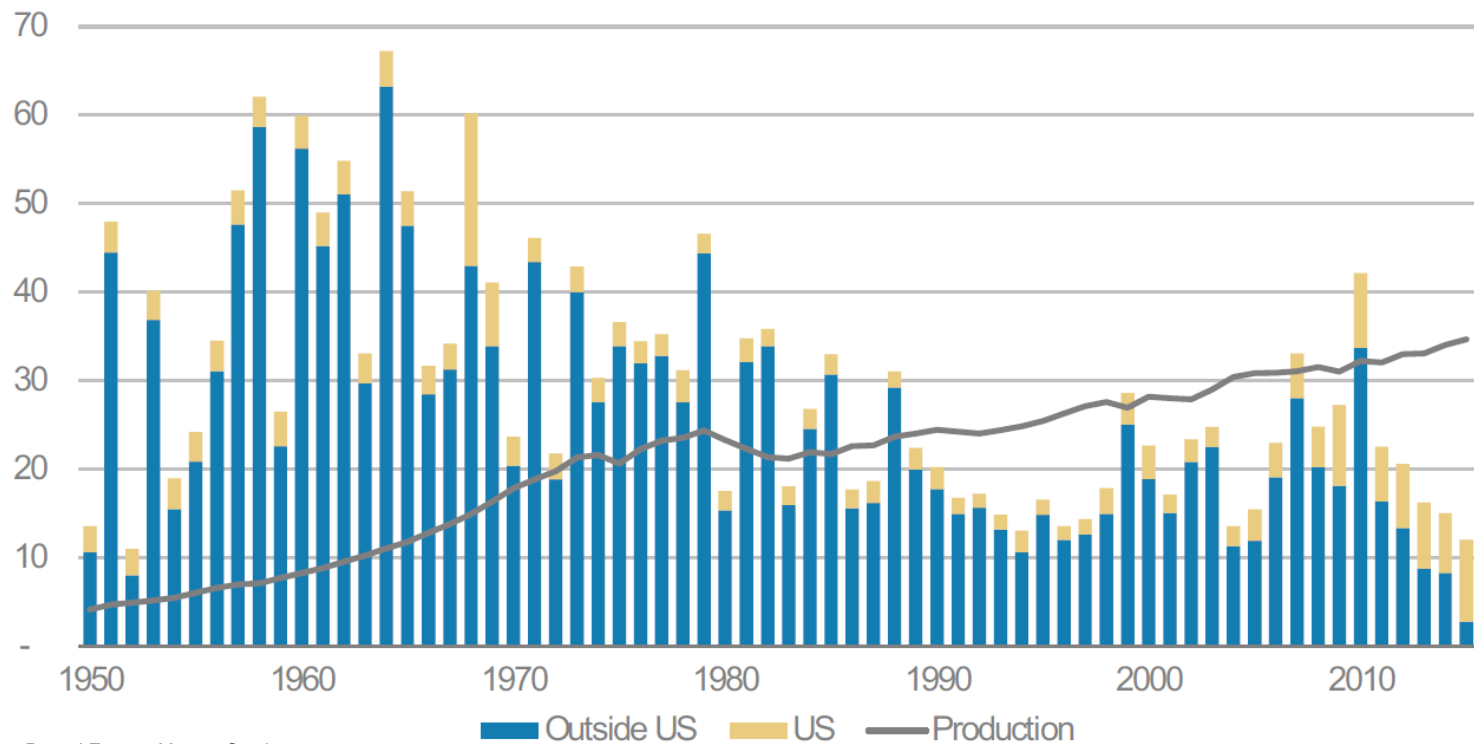


## Diluent (C5+) at Edmonton, Alberta Is the benchmark contract for diluent supply for oil sands

- Contract settled monthly as differential to Nymex WTI
- Long-term diluent (C5+) differential of Nymex WTI +/- \$5 US/bbl
- Based on supply/demand, seasonal demand (high in winter, low in summer), import outages
- Supply forecasted to exceed demand
  - Growing local production,
  - Contract carriage import pipelines

# Oil Exploration Success Fell To a Post-1952 Low in 2015

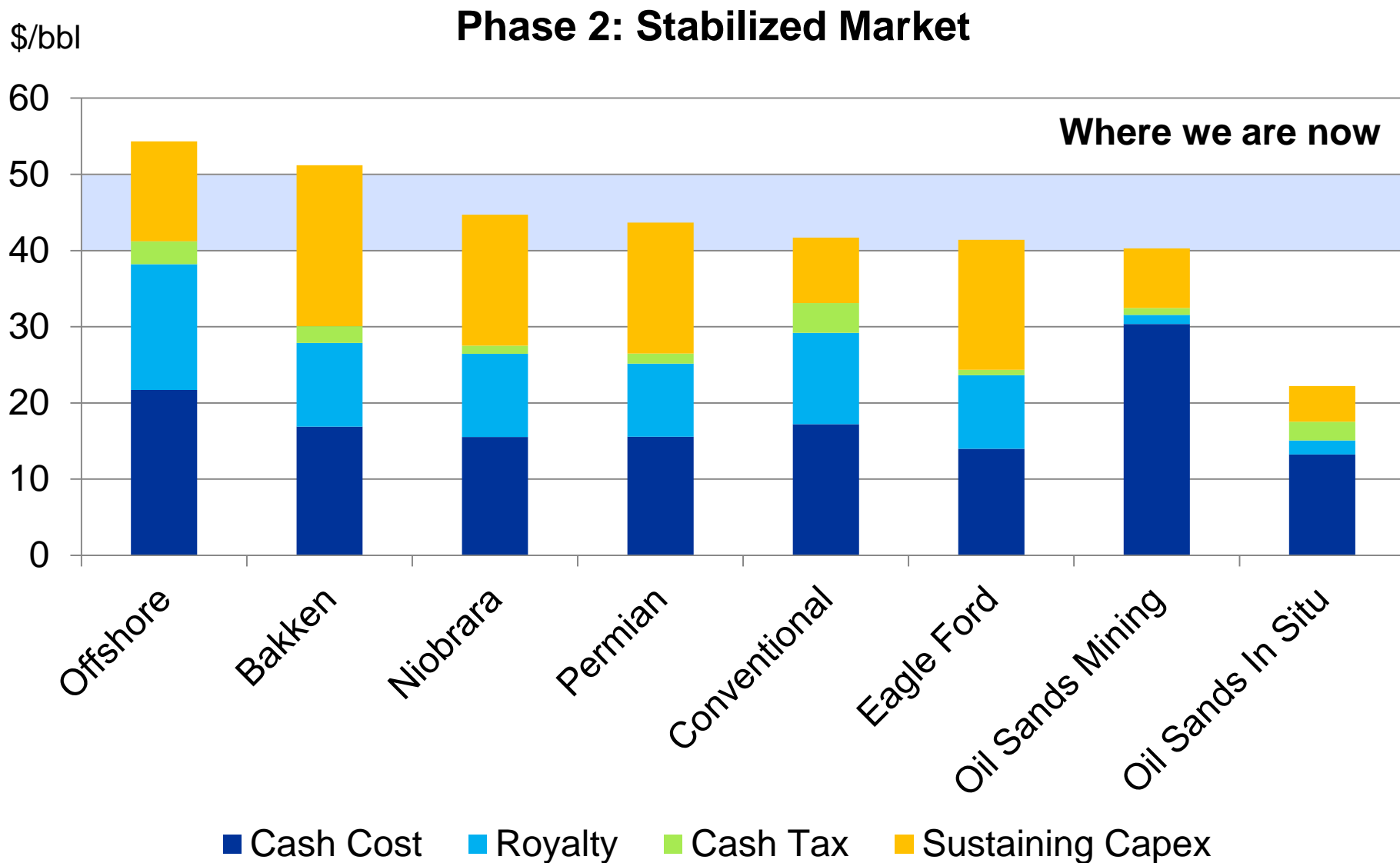
## Oil Liquids – Discovered Resources & Production (Billion bbl)



Source: Rystad Energy, Morgan Stanley

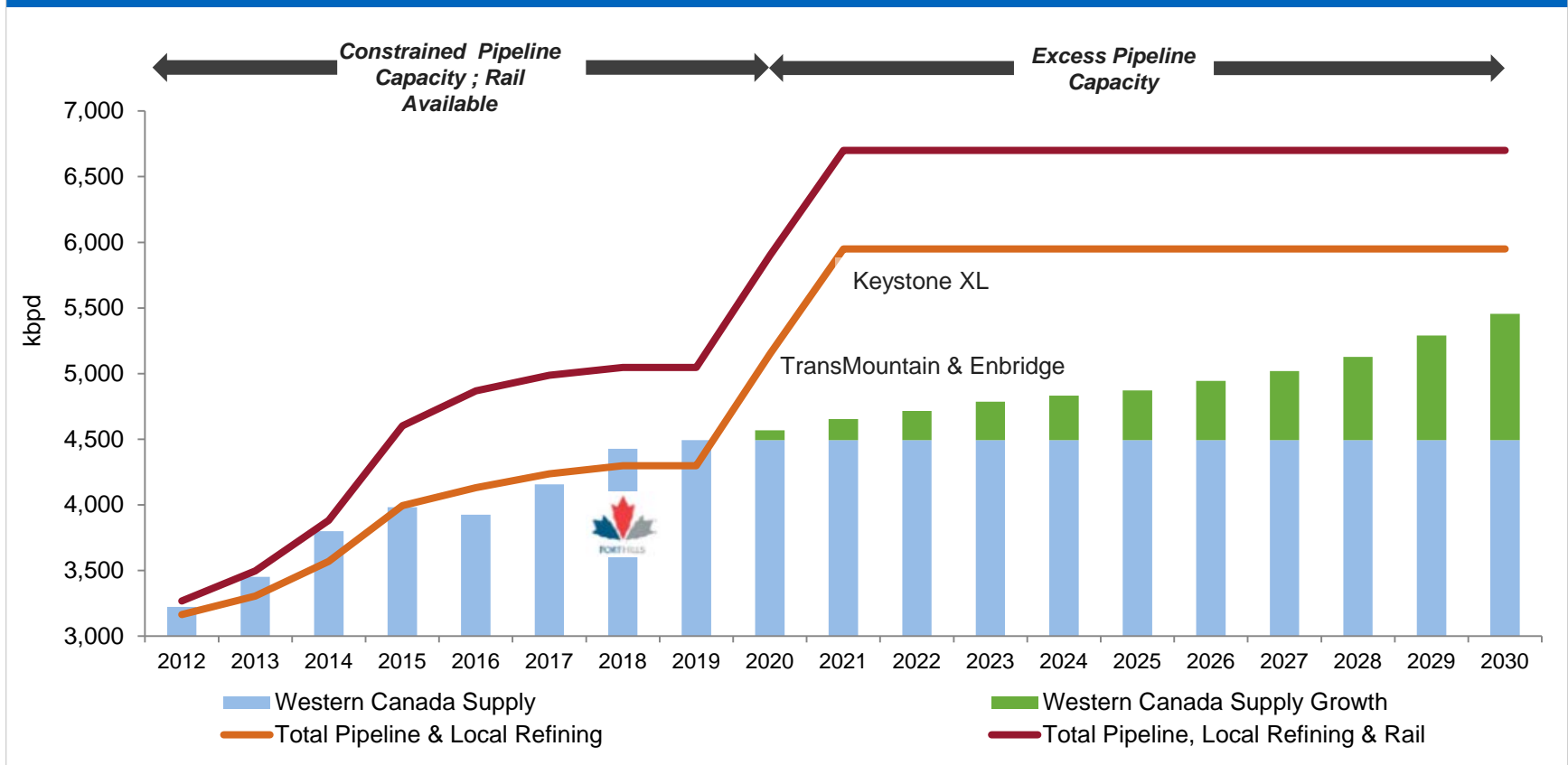
Enough oil has been discovered to meet production in only four of the past 30 years

# Oil Sands Mining Costs Lower Than Understood



# Recent Pipeline Announcements Constructive **Teck**

## Western Canada Supply/Demand Balance



WTI-WCS\* differentials forecast to improve with export pipeline capacity

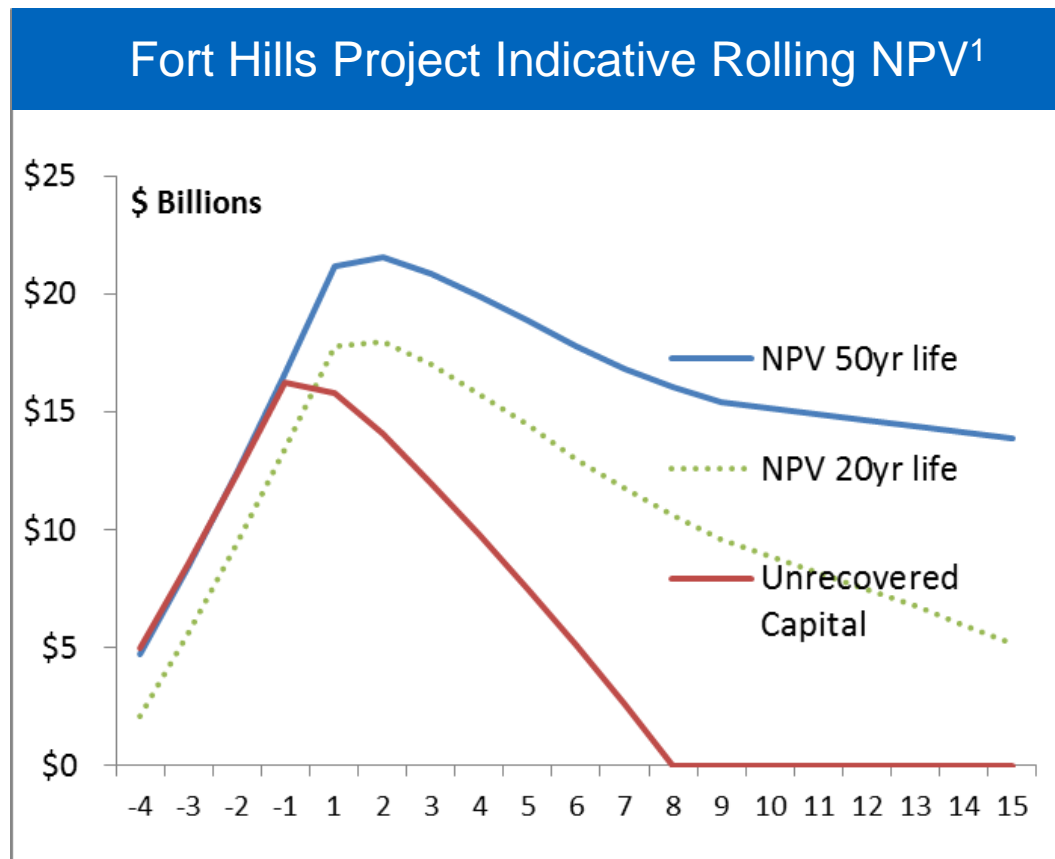


- ✓ Strategic diversification
- ✓ Large truck & shovel mining projects
- ✓ World-class resources
- ✓ Long-life assets
- ✓ Mining-friendly jurisdiction
- ✓ Competitive margins
- ✓ Minimizing execution risk
- ✓ Tax effective

Mined bitumen is in Teck's 'sweet spot'



- Significant value created over long term
- 60% of PV of cash flows beyond year 5
- IRR of 50-year project is only ~1% higher than a 20-year project
- Options for debottlenecking and expansion



50-year assets provide for superior returns operating through many price cycles

## Strategic Objectives

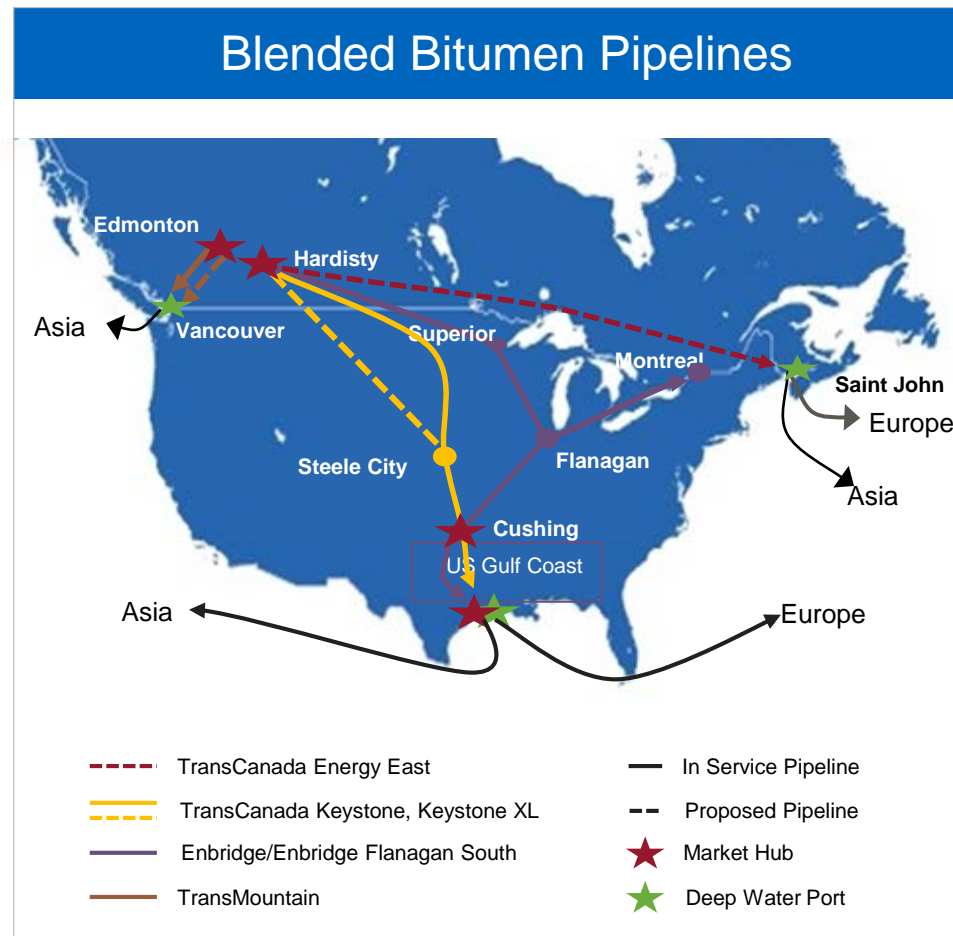
- Successful commissioning & start-up
- 12-month ramp up to 90% capacity
- Maximize sales volumes & bitumen netbacks
- Market diversification

## Key Commercial Activities

- Bitumen production\*: 37 kbpd
- Diluent acquisition: 11 kbpd
- Blend sales: 48 kbpd

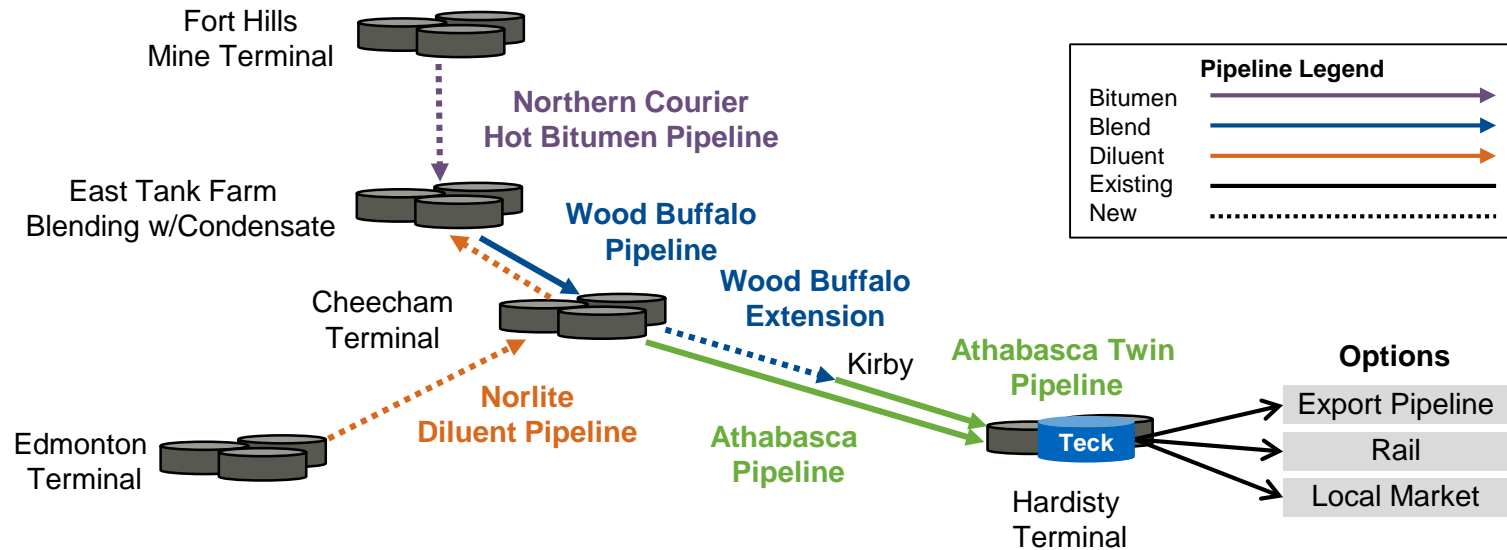


- Fort Hills partners have secured long-term pipeline access to Hardisty
  - Significant Canadian market hub
  - Access to common carriage and contract capacity pipelines
- Will secure contracted pipeline access
  - North American refining centres & deep water ports
  - Targeting contracts for 20-25 kbpd of capacity on export pipelines
- Balance to be sold at Hardisty, or nominated on Enbridge



Access to deep water ports will add market capacity & diversification

# Intra Alberta Logistics On Schedule For Fort Hills Commissioning



| Pipeline/Terminal            | Operator    | Pipeline Capacity (kbpd) | Teck Capacity (kbpd) |  | Project Construction Status* (% completion)  |
|------------------------------|-------------|--------------------------|----------------------|--|--|
| Northern Courier Hot Bitumen | TransCanada | 202                      | 40.4                 | Pipeline and Facilities:<br>Tank terminal: | <div style="width: 100%; height: 10px; background-color: green;"></div> 100%<br><div style="width: 99%; height: 10px; background-color: green;"></div> 99% |
| East Tank Farm - Blending    | Suncor      | 292                      | 58.4                 | Diluent terminaling and blending           | <div style="width: 96%; height: 10px; background-color: green;"></div> 96%   |
| Wood Buffalo Blend Pipeline  | Enbridge    | 550                      | 65.3                 | In service                                 | <div style="width: 100%; height: 10px; background-color: green;"></div> 100%   |
| Wood Buffalo Extension       | Enbridge    | 550                      | 65.3                 | Pipeline:<br>Pump stations and facilities: | <div style="width: 100%; height: 10px; background-color: green;"></div> 100%<br><div style="width: 94%; height: 10px; background-color: green;"></div> 94% |
| Norlite Diluent Pipeline     | Enbridge    | 130                      | 18.0                 | Pipeline:<br>Pumpstations and facilities:  | <div style="width: 99%; height: 10px; background-color: green;"></div> 99%<br><div style="width: 99%; height: 10px; background-color: green;"></div> 99%   |
| Hardisty Blend Tankage       | Gibsons     | 425 kbbls                | 425 kbbls            | Tank completed                             | <div style="width: 100%; height: 10px; background-color: green;"></div> 100%   |