

RioTinto

# Partnering with Chinese Iron and Steel Industry for Success

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## Ore Reserves and Mineral Resources

The Ore Reserve and Mineral Resource estimates which appear on slides 38 and 47 are reported on a 100% basis. All Ore Reserve and Mineral Resource estimates in this presentation, together with the ownership percentages for each joint venture, are set out on pages 273 to 279 of Rio Tinto's 2019 Annual Report released to the market on 27 February 2020. Rio Tinto is not aware of any new information or data that materially affects the abovementioned Ore Reserve and Mineral Resource estimates as reported in the 2019 Annual Report, and confirms that all material assumptions and technical parameters underpinning these estimates continue to apply and have not materially changed. The form and context in which each Competent Person's findings are presented have not been materially modified. The Reserve grade for Oyu Tolgoi Underground – Hugo Dummett North and Hugo Dummett North Extension, which appears on slide 58 was reported in Rio Tinto's 2019 Annual Report released to the market on 27 February 2020. The Competent Persons responsible for that previous reporting were M Bixley (AusIMM), O Dendeu (AusIMM) and F Prince (AusIMM). The Mineral Resource estimate for Resolution which appears on slide 64 was reported in Rio Tinto's 2019 Annual Report released to the market on 27 February 2020. This resource estimate is reported on a 100% basis. The Competent Person responsible for that previous reporting was A Schwarz (SME).

# Rio Tinto is committed to product quality and production to support strong market demand

**3bn tons**

of iron ore shipped to  
China since 1973



First ship of iron ore to China in 1973

**324-334Mt**

2020 production guidance  
remains unchanged



Support the modernization of the society

**Gudai-Darri**

development to maintain  
PB volume & quality



Developing Gudai-Darri mine

**Robe River**

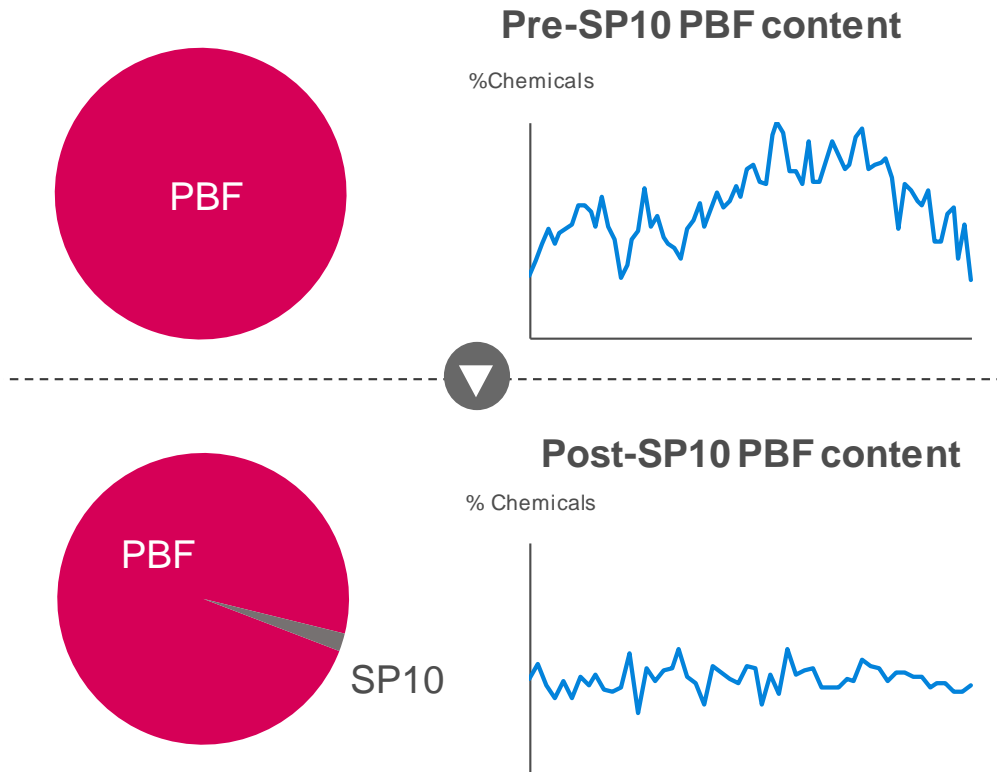
sustaining project  
commissioning in H2 2021



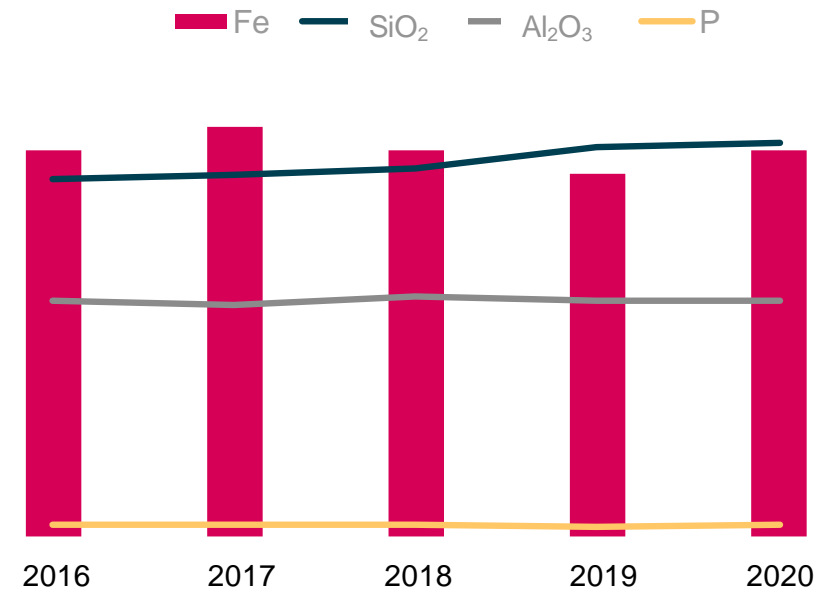
Robe River mine

# Stable PB quality to support the demand for consistency as base load

SP10 has been introduced to protect PB quality



PBF quality on average from 2016 to 2020 (%)



# Supporting healthy iron ore price formation

**PBF Share of 62% Spot Index Assessment**



Rio Tinto has been a major contributor to price formation.

# Sharing operational best practice: lump rescreening



# Lump rescreening improvement: +4% lump ratio in burden mix



# Technical Forum for experts to enlighten each other





# Best practice sharing with customers on safety



Scaffolding safety



Shipyard safety induction

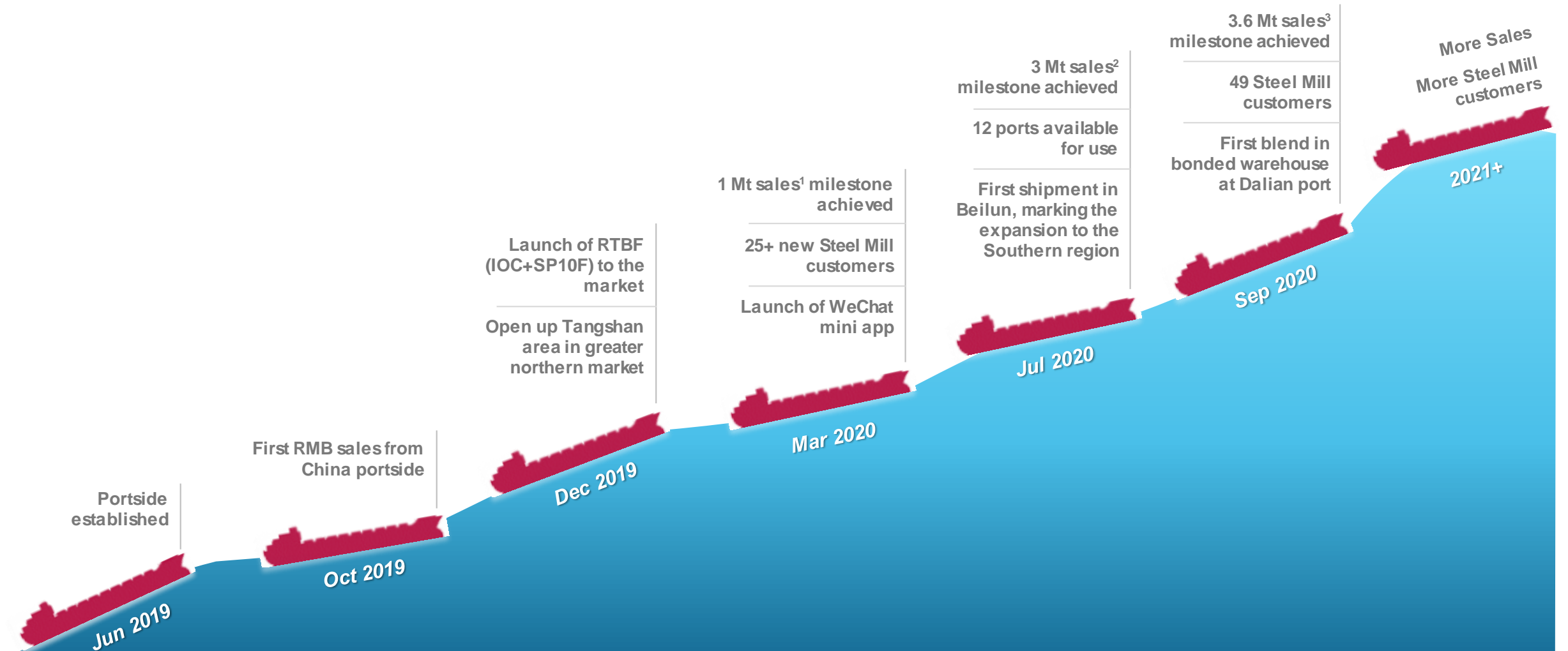


Safety forum



Fall protection demonstration

# Supporting RMB spot market through portside trading



***Click to play Dalian port video***

# Automation and digitalization to support mine to market agility



# Portside business is greatly enabled by our WeChat Mini-app



~61%

of transactions were made via WeChat Mini-app in October 2020

... that has received *favourable feedback and publicity*

Most innovative in-house legal teams 2020	
Rank	Company in-house legal team
1	DBS Bank
2	Rio Tinto
3	Westpac
4	Telstra
5	Blackstone India
6	Lazada

## FINANCIAL TIMES

Special Report Asia-Pacific Innovative Lawyers

Next on the in-house list is Anglo-Australian mining group Rio Tinto, thanks to innovations led by its commercial legal team in Singapore. They have become far more than an internal support function, and are helping to change how customers experience and engage with the company.

# Enhancing customer experiences through pioneering digital innovations

## *Key milestones in 2020*

- **210 e-shipments & 260 eBL**  
15-20% increase from previous year
- **> 90% Chinese customers go digital**  
BCP risk mitigation initiative has encouraged more than 90% Chinese customers to join our digital platforms
- **4 eDoc RMB settlement transactions**  
Baowu, HBIS, Shenglong and Angang have successfully completed RMB transactions with us
- **3 Blockchain transactions**  
Baowu, Nanjing and Shenglong have successfully completed Blockchain transactions with us

## *Why go digital?*

- 1/ Improve customer experience
- 2/ Enhance transaction efficiency and security
- 3/ Reduce EOI issuance and risks of losing hardcopies or fraud
- 4/ Courier time and fees are saved

# Our approaches to climate change include working to lower emissions both internally and externally with industry partners

**46%**

Reduction in absolute emissions since 2008

**76%**

Electricity we use from renewable sources

**29%**

Reduction in emissions intensity since 2008

**\$1B**

To be invested in climate-related projects

## Strive for net zero emissions

Our ambition is to reach net zero emissions across our operations by 2050



## Work with industry associations

Industry associations play an important role in constructive engagement on climate policy issues



## Further reduce our carbon footprint

Our 2030 targets are to reduce our carbon intensity by a further 30% and our absolute emissions by a further 15%



## Build partnerships across our value chain

No company can adequately address the climate change challenge alone

# Partnering with Tsinghua and Baowu on climate change

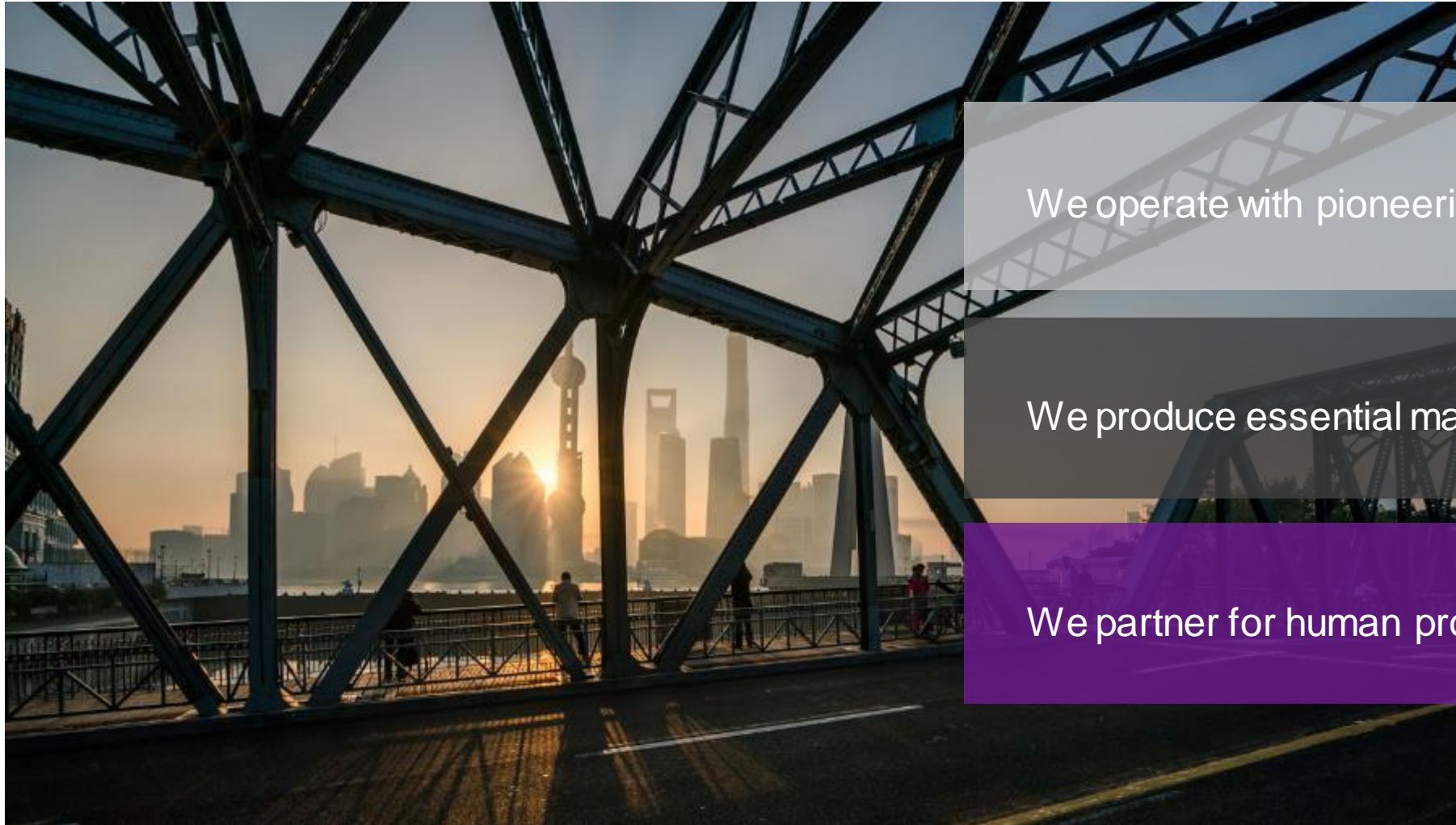
On 25th Sep, 2019 Rio Tinto signed a MOU with Baowu & Tsinghua University to explore new ways of reducing carbon emissions across the steel value chain.



Rio Tinto has further strengthened its partnership with China's Tsinghua University, signing a new partnership agreement and committing a further 30 million yuan (\$4.5 million) over the next five years to support research projects of at the Tsinghua-Rio Tinto Joint Research Centre for Resources, Energy and Sustainable Development.



# Pioneering partnership for a shared future



We operate with pioneering spirit

We produce essential materials responsibly

We partner for human progress

A nighttime photograph of a city skyline, likely Beijing, featuring several prominent skyscrapers. The central focus is the CCTV New Building, characterized by its unique, lattice-like, blue-tinted facade. To its left is a tall, dark skyscraper with a glowing white square at the top. To its right is another tall building with a distinctive, illuminated, triangular roof structure. In the foreground, a complex multi-level highway interchange is visible, with light trails from traffic creating a sense of motion. The sky is a deep twilight blue. A red rectangular box is overlaid in the center of the image, containing the text "RioTinto" in white serif font.

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