

RioTinto

2020年力拓和中国的合作共赢

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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).

力拓致力于保障产品质量和稳定生产，以支持强劲的市场需求

自1973年迄今已向中国发运
30亿吨
铁矿石



1973年第一艘驶向中国的货船

2020年发运量指导目标
3.24-3.34亿吨
预期不变



支持现代化建设

新开发的智能化矿山
库戴德利
将巩固PB的产量和质量



开发中的库戴德利矿山

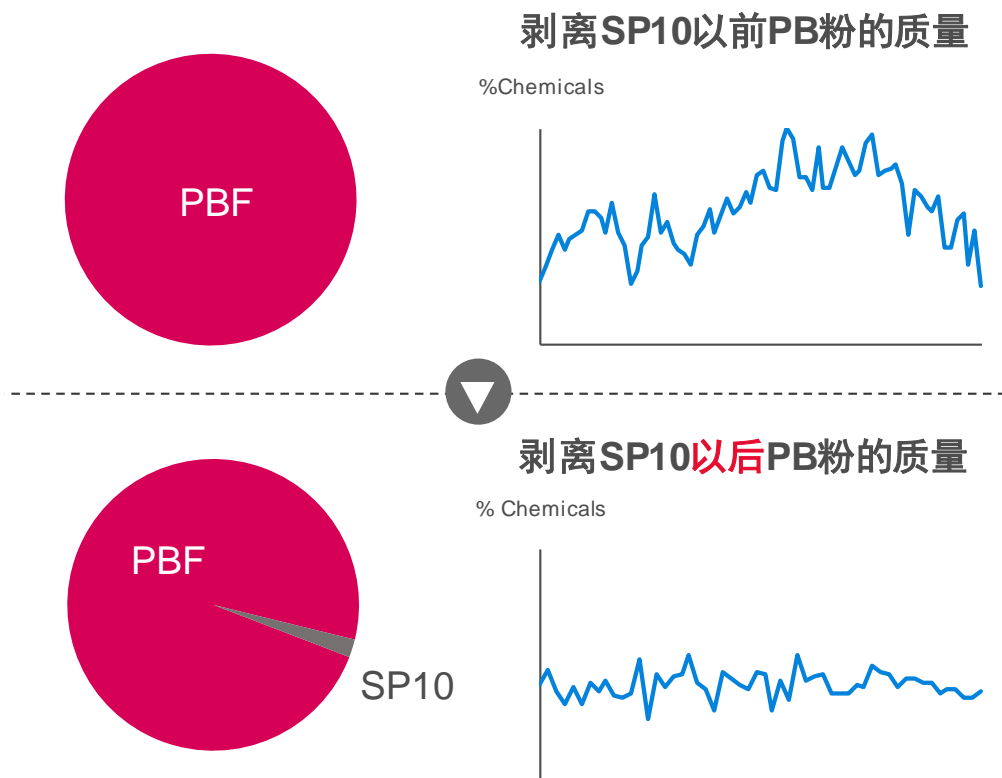
罗泊河谷
合营公司扩展项目预计于
2021年二季度投产



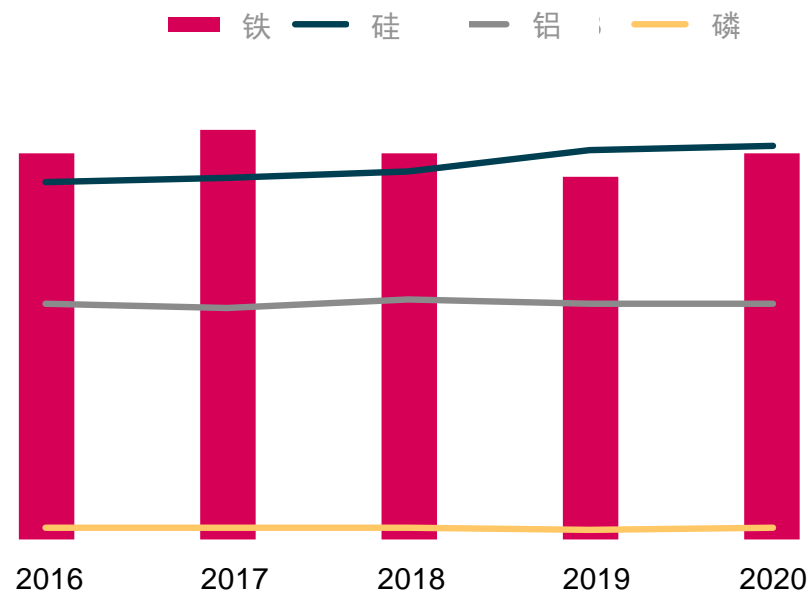
罗泊河谷矿山

稳定PB品质以满足基础炉料需求

SP10产品保障了PB产品的质量稳定

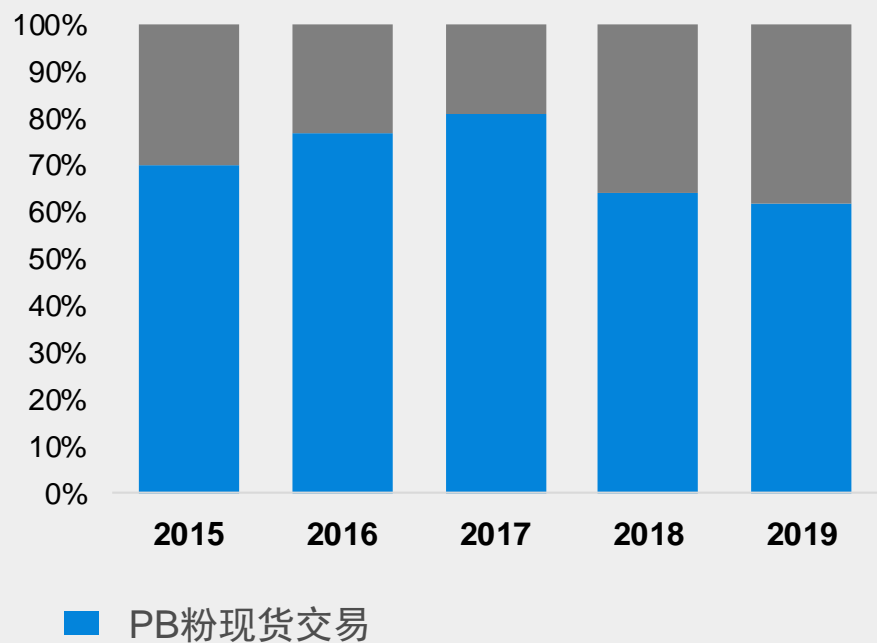


2016-2020年PB粉平均质量 (%)



支持健康的铁矿价格形成

PB粉在62%现货指数形成中的占比



力拓是价格形成的主要贡献者。

分享最佳运营经验——块矿再筛分



块矿再筛分的优化：高炉炉料中块矿配比提高4%

改进物料分布



减少筛板盲区



减少水份侵入



铁矿技术交流大会



与客户分享安全知识和最佳实践



Scaffolding safety



Shipyard safety induction

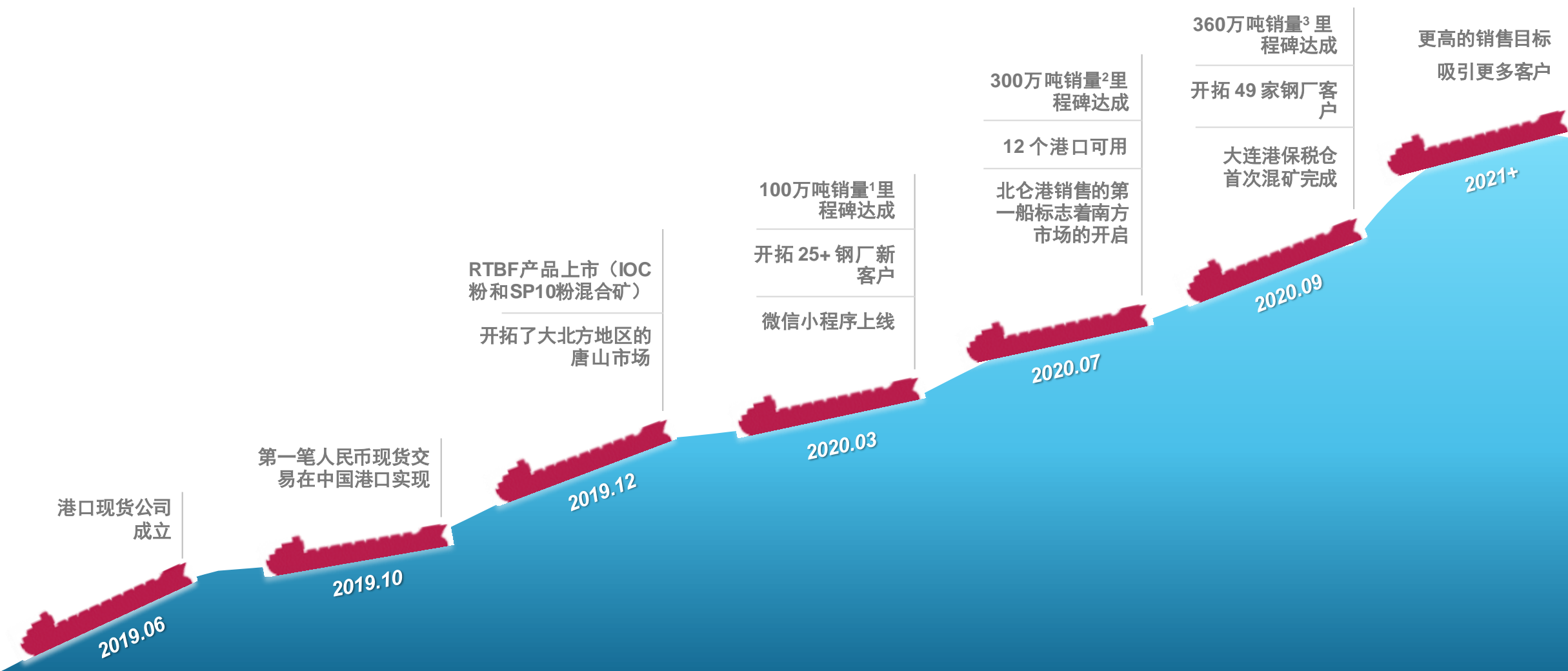


Safety forum



Fall protection demonstration

通过港口交易支持人民币现货市场



1. 来源：力拓2020年一季度运营报告
2. 截至7月底销售300万吨。根据力拓2020年二季度运营报告，截至6月底年度销量为250万吨。
3. 来源：力拓2020年三季度运营报告

以自动化、数字化创新支撑“从矿山到市场”的敏捷性



微信小程序促进港口业务发展



~61%

的港口现货业务通过微信小程序交易达成
(2020年10月)

... 并收到广泛好评和媒体报道

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.

通过数字化创新优化客户体验

2020年大事记

- **210船电子交易 & 260份电子提单**

比去年提高了15-20%

- **> 90% 的中国客户启用数字化交易**

超过90%的中国客户已经使用了我们的电子平台进行交易和操作

- **完成4个电子交单人民币结算交易**

宝武、河钢、盛隆和鞍钢都已与我们顺利完成人民币跨境结算交易

- **完成3个区块链交易**

宝武、南钢和盛隆都已与我们顺利完成区块链交易

数字化的优势

1/ 改善客户体验

2/ 提高交易效率、确保交易安全

3/ 减少出具无单放货保函，避免纸质单据遗失和作假

4/ 节省邮寄文件的时间和费用

与业界合作以减少自身运营及产业链的碳排放，是我们应对气候变化的重要举措

2008年以来绝对排放量减少
46%

我们使用的
76%
电力来自可再生能源

2008年以来减少了
29%
的排放强度

未来将投资
10亿美元
用于气候相关的项目

努力实现零净排放

我们的目标是到**2050**年实现
净零排放



行业协会的合作

各个行业协会在气候环境政策方面起着至关重要的作用



继续减少碳足迹

我们到**2030**年的目标是再减少30%碳排强度和15%绝对排放量



价值链的合作

没有公司可以独自应对气候变化的挑战

与清华、宝武开展应对气候变化合作

2019年9月25日，力拓与宝武、清华大学共同签署了气候变化战略合作谅解备忘录，将通过开发和实践新方法，合力减少碳排放、改善整个钢铁价值链的环境绩效。



我们进一步加强了与清华大学的合作，签署了一项新的合作协议，并承诺在未来五年内再出资3000万元，以支持清华-力拓资源、能源和可持续发展联合研究中心的研究项目。

聚力拓新 共享未来



我们以开拓的精神运营

我们负责任地生产重要材料

我们携手合作伙伴，推动人类进步

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, hourglass-shaped structure. To its left is a tall, dark skyscraper with a large, brightly lit square window at the top. To its right is another tall building with a distinctive, illuminated, triangular roof structure. The foreground shows a complex highway interchange with light trails from traffic. A red rectangular box with the white text 'RioTinto' is overlaid in the center of the image.

RioTinto