

# CONFERENCE PRESENTATION

FEBRUARY 2023



PREMIUM PRODUCT  
TIER 1 JURISDICTION  
HIGH QUALITY INFRASTRUCTURE

CHAMPION IRON 



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In particular, but without limiting the foregoing, this Presentation contains forward-looking information and statements pertaining to Champion's and management's expectations, including, without limitation, with respect to: the Company's Phase II expansion project, its expected economic benefits, nameplate capacity and milestones; the project to upgrade the Bloom Lake iron ore concentrate to a higher grade with lower contaminants and to convert approximately half of Bloom Lake's increased nameplate capacity of 15 Mtpa to commercially produce a 69% Fe Direct Reduction pellet feed product, expected project timeline, economics, capex, budget and financing, production metrics and benefits; the increase in carbon emission forward prices; the Kami Project's feasibility study and its anticipated completion date; the feasibility study evaluating the re-commissioning of the Pointe-Noire Iron Ore Pelletizing Facility to produce DR grade pellets and its anticipated completion date; Champion's positioning to service the industry's transition to EAFs and focus on DR quality products; the shift in steel industry production methods and expected rising carbon costs and demand for higher-grade iron ore products and related market deficit and higher premiums, including using reduction technologies and the Company's related transition of its product offering and related projects; GHG and CO<sub>2</sub> emission reduction initiatives, objectives, targets and expectations; Champion's financial outlook; and the Company's growth opportunities generally.

Accordingly, undue reliance should not be placed on such statements or information. In addition, forward-looking statements or information are based on a number of factors, expectations or assumptions of Champion which have been used to develop such statements and information but which may prove to be incorrect.

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Certain financial measures used by the Company to analyze and evaluate its results are non-IFRS financial measures or ratios and supplementary financial measures. Each of these indicators is not a standardized financial measure under the IFRS and might not be comparable to similar financial measures used by other issuers. These indicators are intended to provide additional information and should not be considered in isolation or as a substitute for measures of performance prepared in accordance with IFRS. The non-IFRS and other financial measures or ratios included in this Presentation are EBITDA, adjusted EPS and total cash cost. A quantitative reconciliation to the most directly comparable IFRS measures is provided, as applicable, in note 20 - Non-IFRS and Other Financial Measures of the Company's management's discussion and analysis for the three and nine-month periods ended December 31, 2022 or in note 22 - Non-IFRS and Other Financial Measures of the Company's management's discussion and analysis for the fiscal year ended March 31, 2022 available on SEDAR at [www.sedar.com](http://www.sedar.com), the ASX at [www.asx.com.au](http://www.asx.com.au) and the Company's website at [www.championiron.com](http://www.championiron.com).

Mr. Vincent Blanchet (P.Eng) Director of resource and planification at Quebec Iron Ore Inc., a wholly-owned subsidiary of the Company is a "qualified person" as defined by National Instrument 43-101 and has reviewed and approved the disclosure of the scientific and technical information contained in this Presentation. Mr. Blanchet is a member of the *Ordre des Ingénieurs du Québec*.

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Reference to P62: Platts TSI IODEX 62% Fe CFR China; P65: Platts IO Fines 65% Fe CFR China.

This Presentation has been authorized for release to the market by the CEO of Champion, David Cataford.

All amounts are in Canadian dollars unless otherwise stated.

### LARGEST PUBLICLY LISTED PURE-PLAY HIGH-GRADE IRON ORE PRODUCER GLOBALLY



→ 2nd largest hub of high-grade exports globally



→ 10.1% management ownership<sup>1</sup>



→ Cumulative investments at Bloom Lake >US\$4.5B



→ Committed to GHG reduction of 40% by 2030 and carbon neutral by 2050

BLOOM LAKE 



*Note: 1. Management ownership including board of directors as of January 30, 2023*

*Source: Champion Iron Limited*



# A GLOBAL SOLUTION FOR THE TRANSITIONING STEEL INDUSTRY

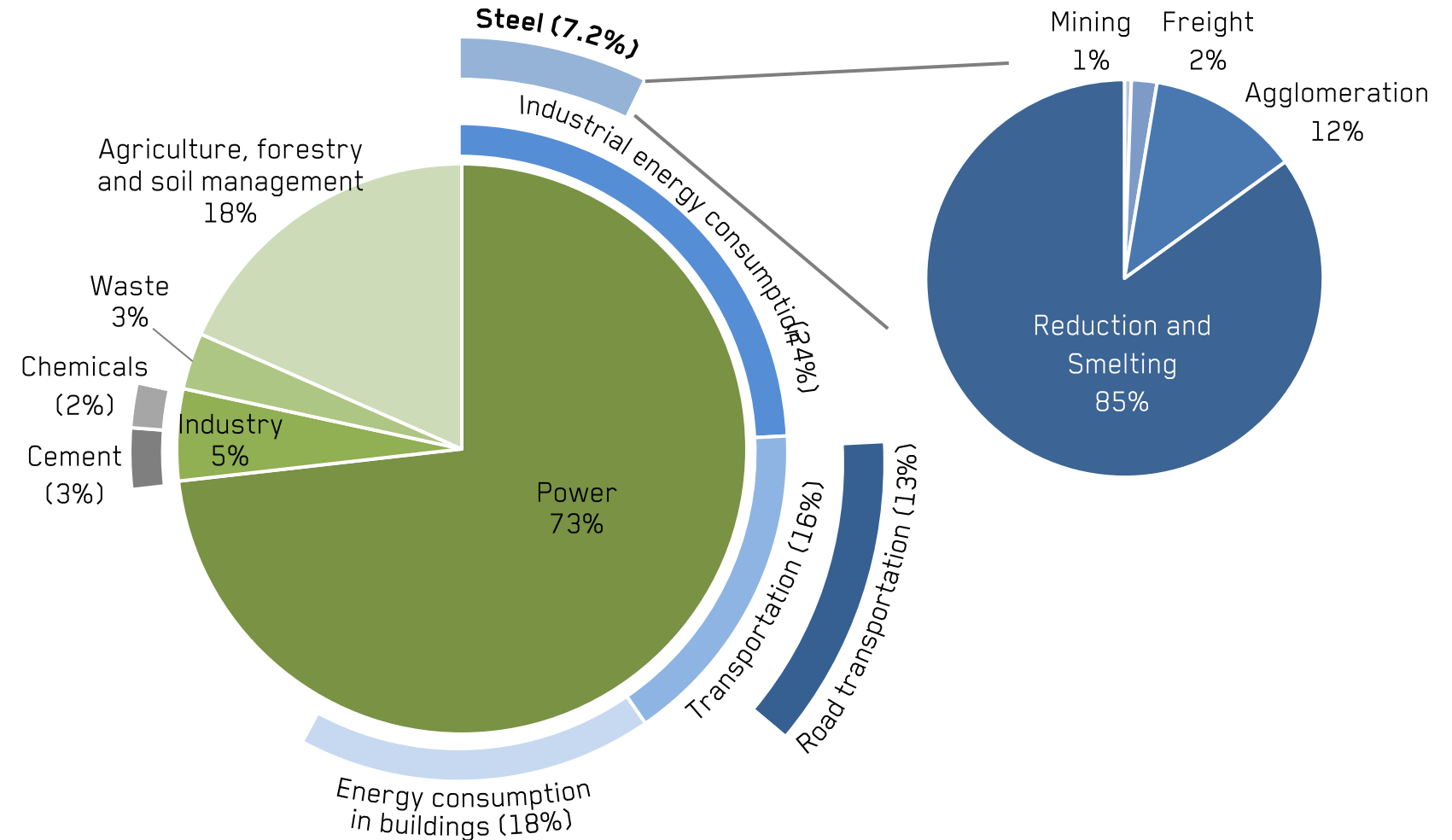
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# HIGH PURITY IRON ORE → A SOLUTION FOR GREEN STEEL

## THE STEEL INDUSTRY WILL NEED TO ADAPT TO LIMIT EMISSIONS

→ The steel industry represents more than 7.2% of global CO<sub>2</sub> emissions<sup>1</sup>







STEEL MAKING  
METHOD & EMISSIONS



PRIMARY  
RAW MATERIALS

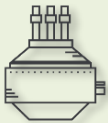


Blast Furnace (BF) /  
Basic Oxygen Furnace (BOF)  
2.01 tCO<sub>2</sub> eq/t steel<sup>1</sup>

Iron Ore  
Coal

66.2%  
Fe

Champion's 66.2% iron ore  
reduces emissions by  
~10% in the BF/BOF



Direct Reduced Iron (DRI) /  
Electric Arc Furnace (EAF)  
1.04 tCO<sub>2</sub> eq/t steel<sup>1</sup>

Recycled Steel  
Direct Reduced (DR) Iron  
Pig Iron

DRPF  
Project  
69% Fe

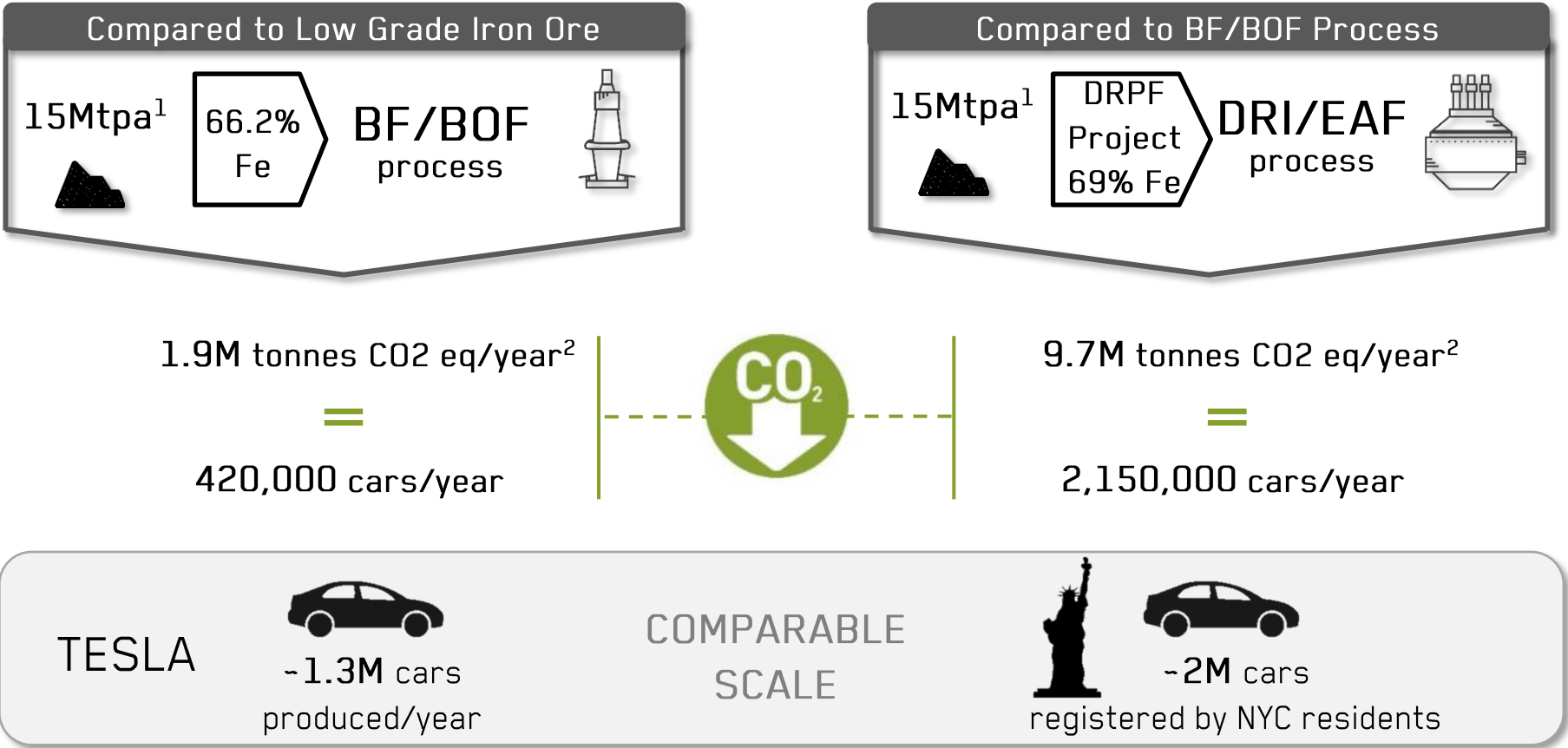
Champion's Direct Reduction  
Pellet Feed (DRPF) Project to  
produce 69% Fe can  
contribute to reduce  
emissions by ~ 50% vs BF/BOF

Notes and sources: Blast Furnaces ("BF"); Basic Oxygen Furnace ("BOF"); Direct Reduced Iron ("DRI"); Electric Arc Furnace ("EAF"). 1. Champion Iron Limited, Wood Mackenzie | 2. World Steel Association | 3. 2.0 MW turbine models by Vestas contain approx. 170 tonnes of steel (National Renewable Energy Laboratory) | 4. 2Mw wind turbines; assuming 15,000 km per year per car (NRCAN), 80 KWh battery, 400 km range, windmill utilization factor of 0.4 (MERN) | 5. Statistics Canada, based on Q1-2022 new zero-emission (ZEVs) vehicle registration. | 6. 97,310\*(2.01-1.04)= 94,400 | 7. NRCAN GHG Calculator



Champion’s concentrate reduces emissions in BF/BOF steel making

Proven ability to produce DR grade pellet feed enables Champion to engage with DRI/EAF steel makers



Notes: 1. Phase II expected nameplate capacity of 15Mtpa / 2. Assumes 4,600 Kg of CO2 eq per vehicle/year (Source: US Environmental Protection Agency and Natural Resources Canada). BF/BOF reduction assumes a ratio of 1.5t of iron ore concentrate per tonne of steel produced and a reduction emission of 9.6% for Champion’s 66.4% Fe (as per FY21 results) compared to 58% Fe (Based on Wood Mackenzie estimate of 8% reduction for P65 vs. P58). DRI/EAF steel making route assumes 1.47 tonne of pellet feed concentrate per tonne of steel produced. Sources: Champion Iron Limited, Wood Mackenzie data ; Tesla’s 2022 car production; Cars registered by NYC residents as per [www.nyc.gov](http://www.nyc.gov) and [www.streetsblog.org](http://www.streetsblog.org); Tesla’ Inc.’s car production in 2020 as per [backlinko.com](http://backlinko.com)

## NEW EAF CAPACITY TO INCREASE DEMAND FOR DRI

ANNOUNCED & UNDER CONSTRUCTION EAF CAPACITY DURING THE 18 MONTHS ENDING JUNE 2022<sup>2</sup>



19.6MT



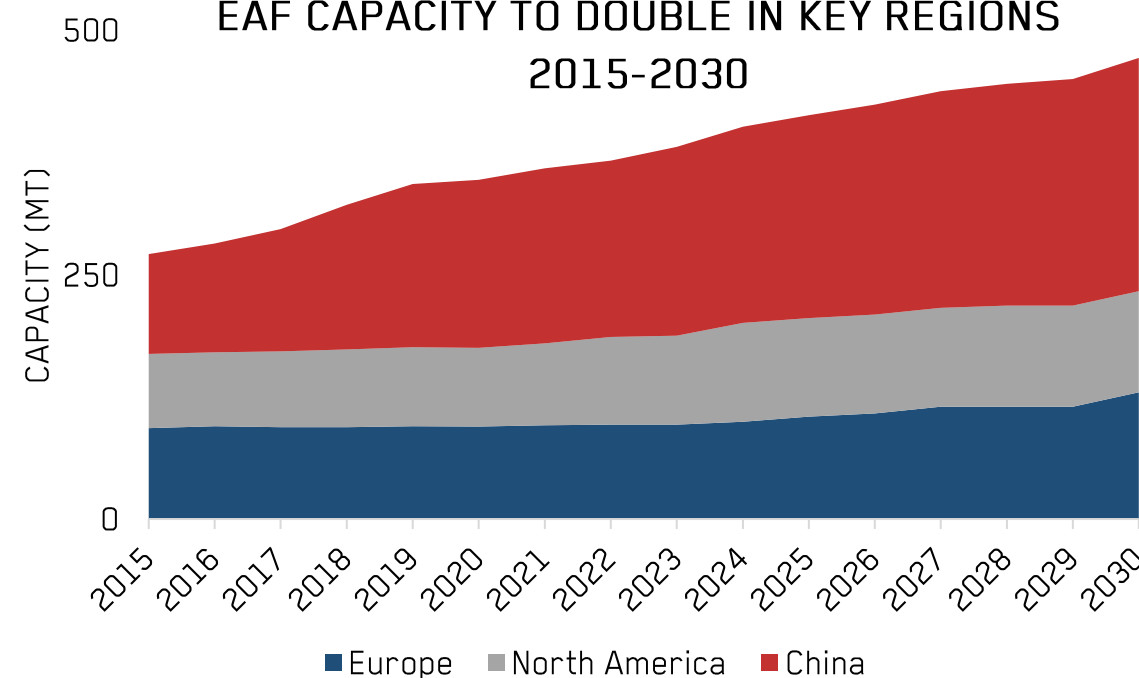
37.2MT



29.5MT

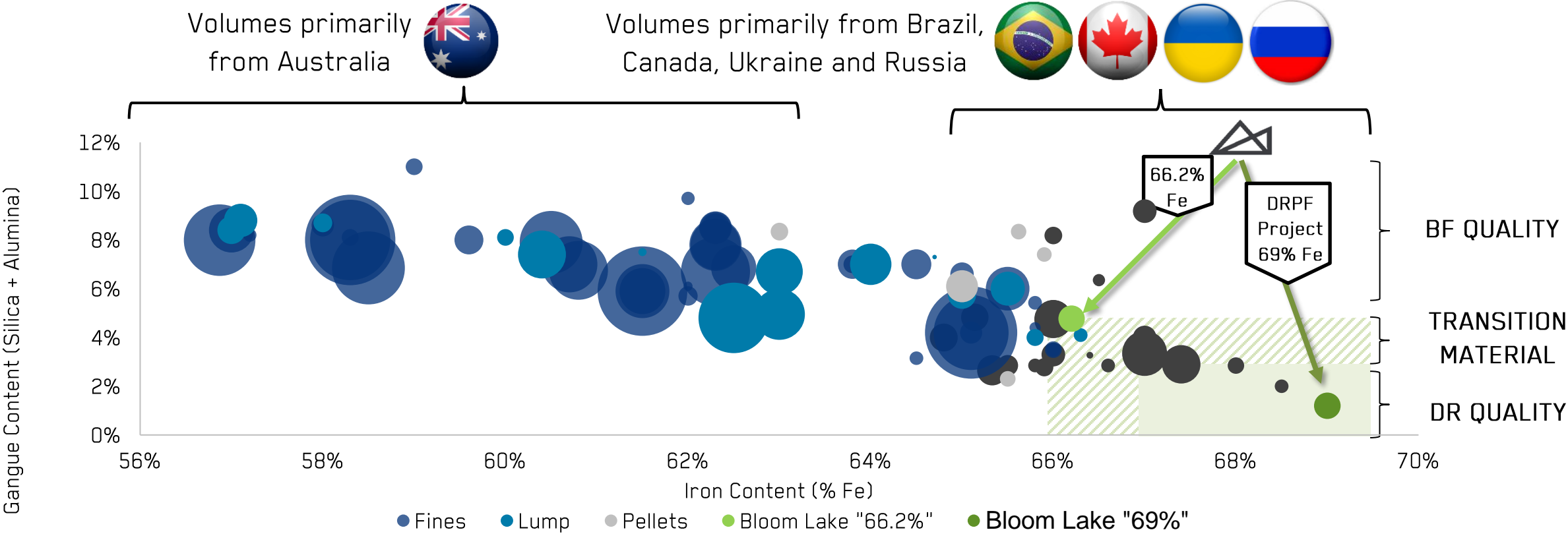
New EAF capacity to require ~30Mt/year of additional DRI material<sup>3</sup>, more than doubling the current merchant market size<sup>4</sup>

EAF CAPACITY TO DOUBLE IN KEY REGIONS  
2015-2030



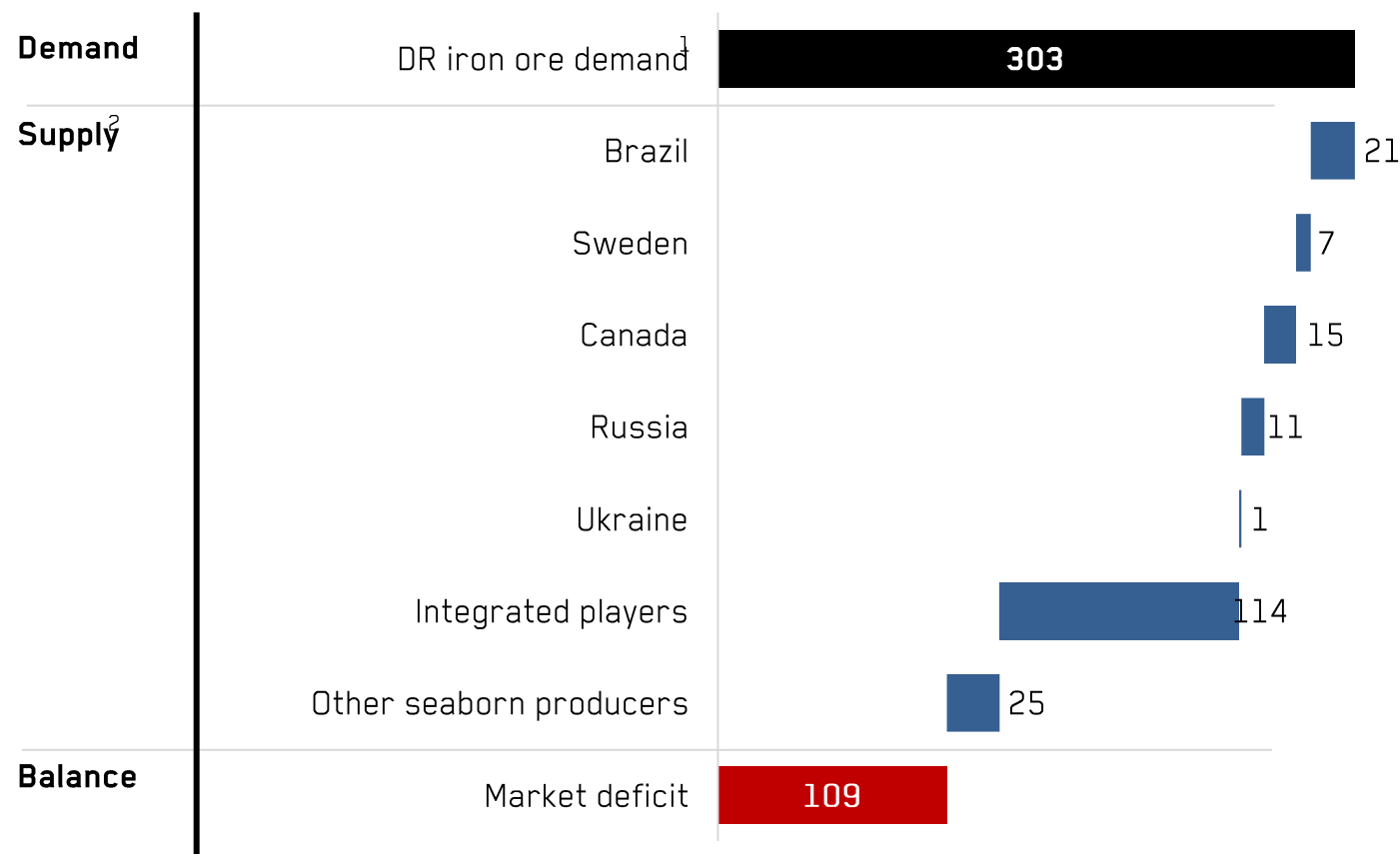


SUMMARY OF IRON CONTENT AND GANGUE CONTENT



Source: Champion Iron Limited, Wood Mackenzie 2022 data

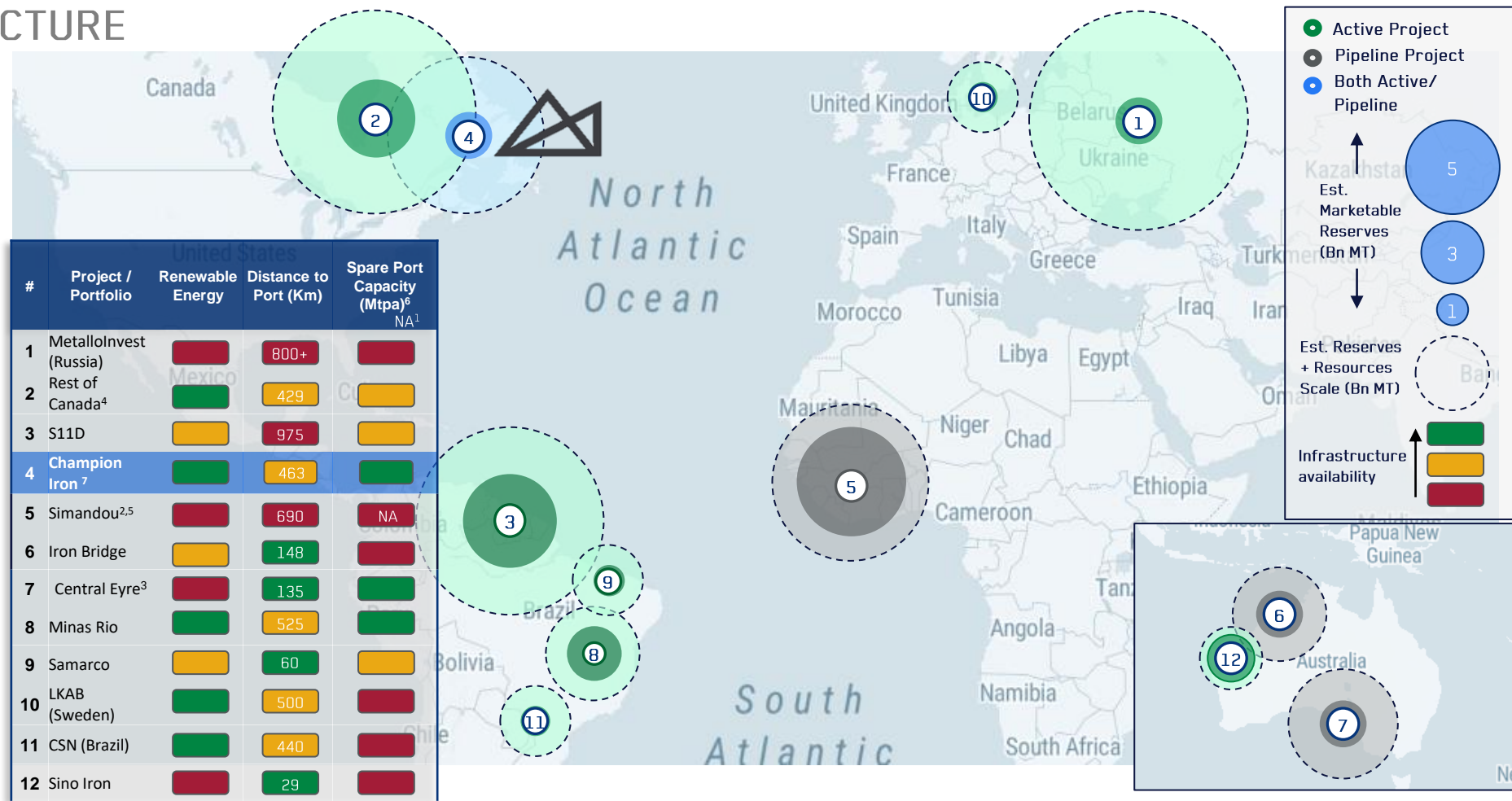
## DR-GRADE IRON ORE SUPPLY/DEMAND BALANCE BY 2031 Million tonnes



→ As a result of rising DR quality iron ore demand and limited expected supply, the market deficit is expected to be approximately 109 Mtpa by 2031

# PROVIDING A GLOBAL SCALE SOLUTION

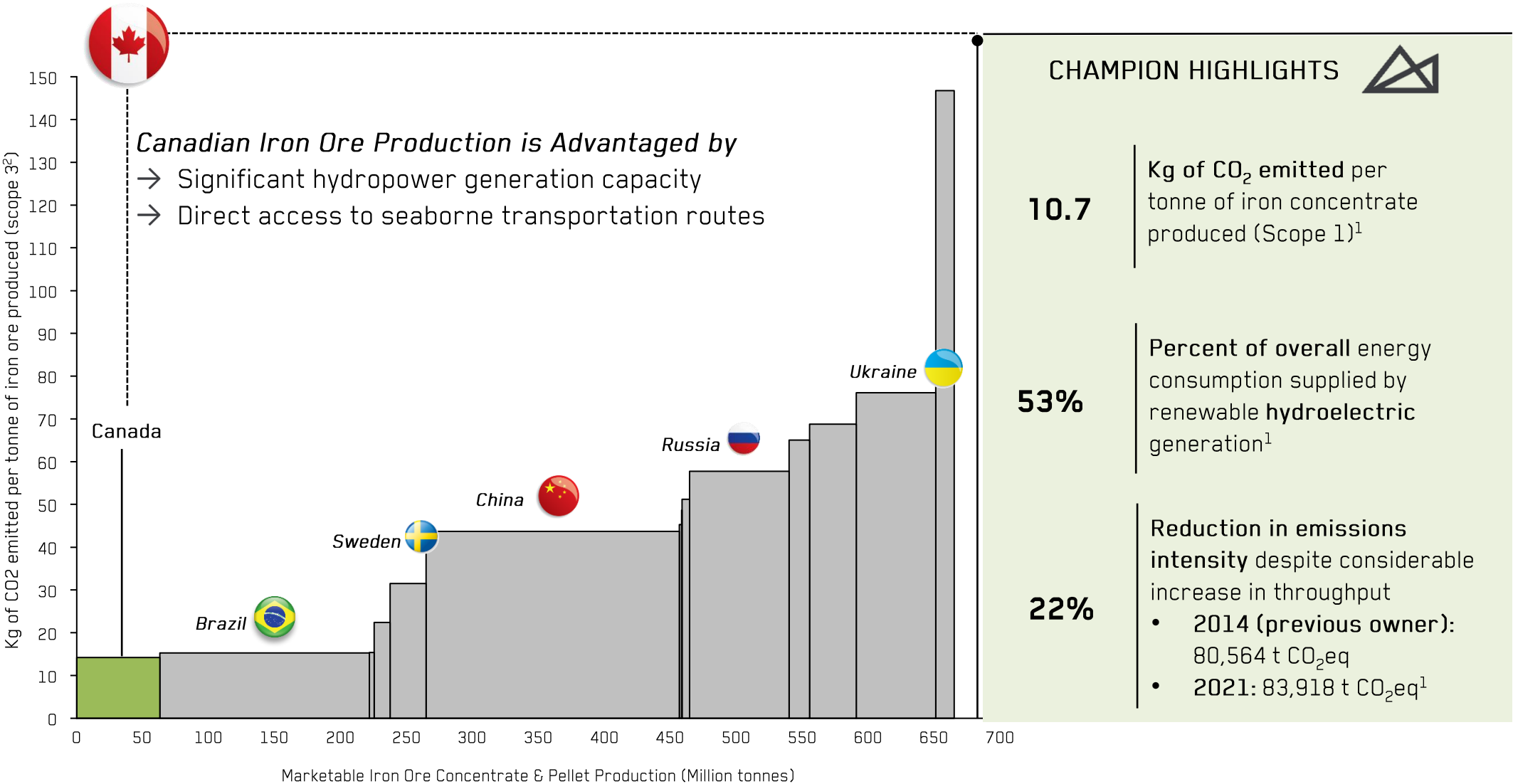
CHAMPION CONTROLS ONE OF THE LARGEST RESERVES AND RESOURCES CAPABLE OF PRODUCING HIGH-GRADE IRON ORE, INCLUDING POTENTIAL ACCESS TO RENEWABLE POWER AND AVAILABLE INFRASTRUCTURE



Note: Billion Metric tonne reserves; Resources are estimated on a Measured, Indicated, and Inferred Basis. Global snapshot is not exhaustive, (1) Port capacity estimate could not be reasonably identified, (2) Port not yet constructed, (3) Port not yet constructed, (4) Rest of Canada data is not exhaustive (Mont Wright, Carol Lake, Fire Lake, Baffinland...), (5) Simandou includes Blocks 1-4 (6) Spare port capacity estimated; Green-40+, Yellow-20-39, Red-0-19, (7) Champion Iron reported distance from Bloom Lake to Pointe Noire.

Source: Wood Mackenzie, Corporate Reports, PFS Studies, Public Information (can include estimates).





Note: 1. Scope 1 figure for calendar year 2021 | 2. Scope 3 stops at Third Party Port and Transport Fees Downstream but excludes BOF supply / Iron ore supply;  
Source: Wood Mackenzie 2020 data, Champion Iron Limited

# CHAMPION IRON RECENT RESULTS

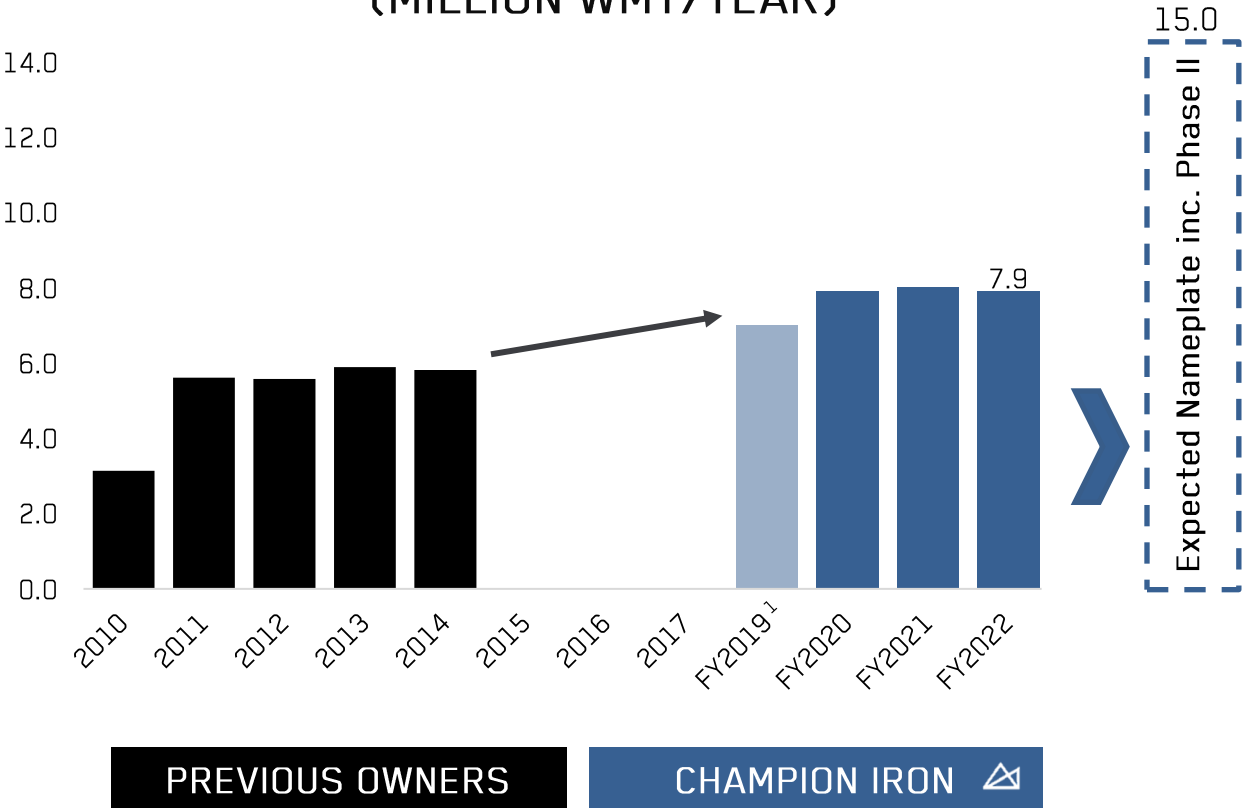
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## BLOOM LAKE PRODUCTION HISTORY (MILLION WMT/YEAR)

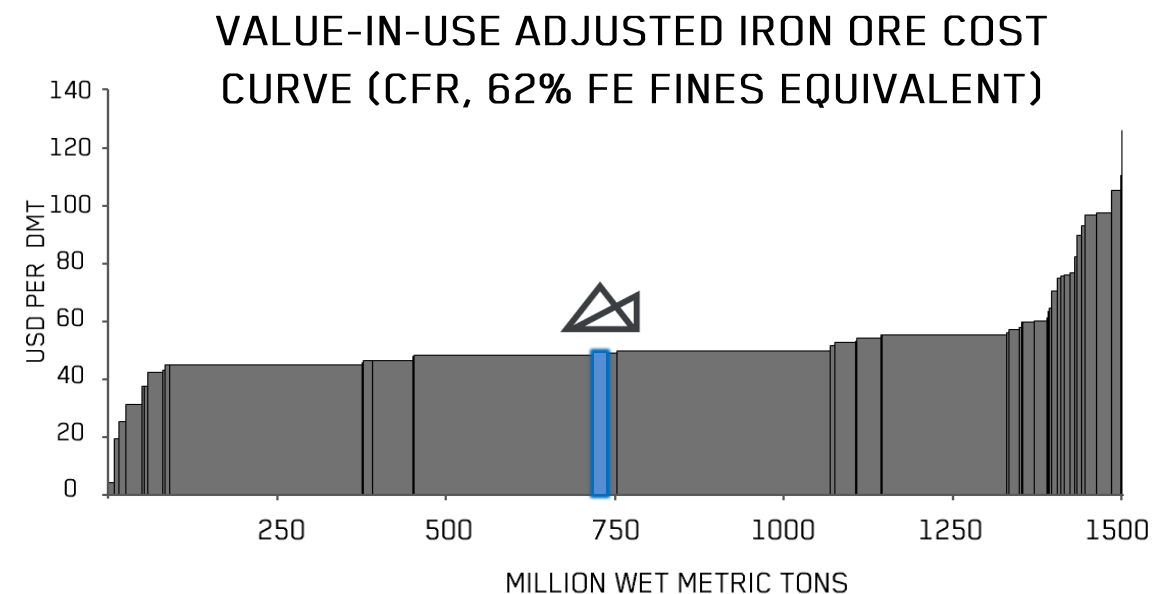
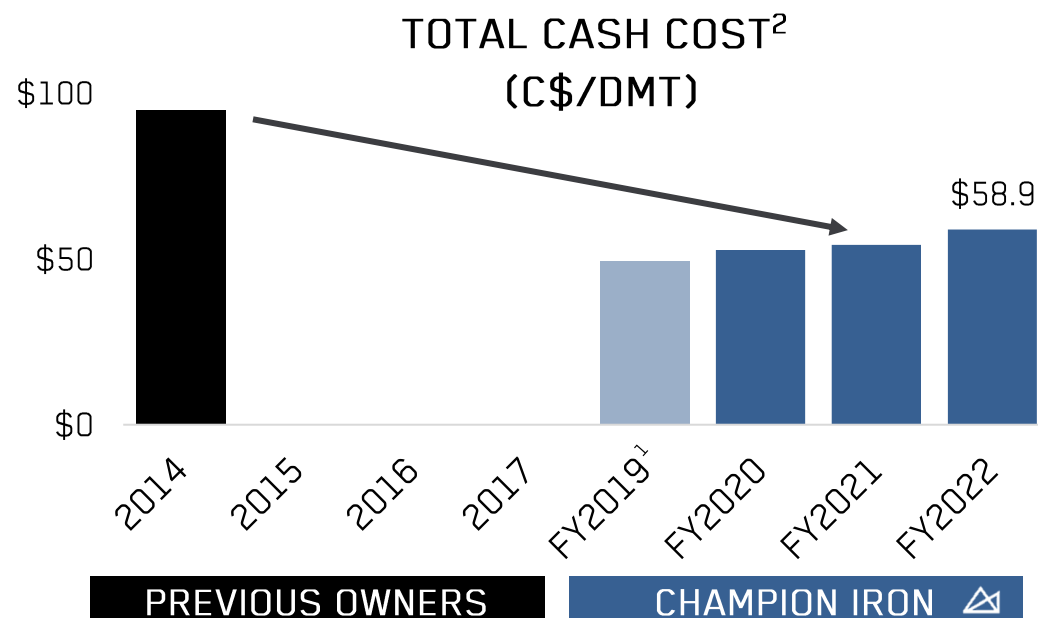


→ FY2023 results: Record iron ore concentrate production of 8.1M wmt in nine months ending December 31, 2022



Notes: 1. FY2019 reflects Bloom Lake’s commissioning year



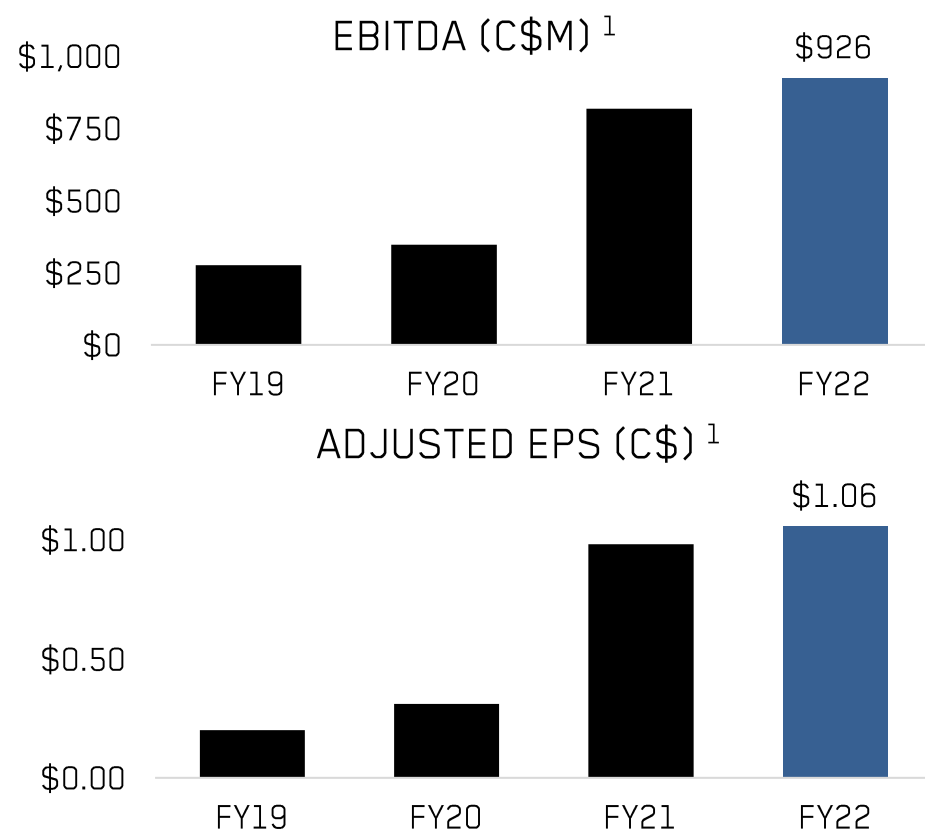


→ FY2023 results: Total cash costs<sup>2</sup> of \$71.7/t (US\$54.6/t) for the nine-months ended Dec 31, 2022

→ Proven cost profile

# ROBUST FINANCIAL RESULTS

→ FY2023 results: Reported EBITDA<sup>1</sup> and adjusted EPS<sup>1</sup> of \$297.5M and \$0.27, respectively, for the nine months ended December 31, 2022



→ Balance sheet as of Dec 31<sup>th</sup>, 2022



\$166.3M Cash & S-T investments

\$238.5M Working capital<sup>1,2</sup>



\$461.6M Short-term & Long-term debt<sup>3</sup>

\$309.7M Available & undrawn loans<sup>4</sup>

## GENERAL PURPOSE REVOLVING FACILITY SYNDICATE



→ Three semi-annual dividend of \$0.10 declared to date

Notes: 1. Non-IFRS financial measure, ratio or other financial measure. Refer to the disclaimer at the p.2 | 2. Receivables: \$160.4M; Income and mining taxes receivables \$63.6M; Prepaid expenses and advances: \$47.7M; Inventories: \$174.2M; accounts payable and other: (\$207.4M) | 3 Short-term and long-term debt face value include US\$180M Revolving Facility, \$75M from FTQ, \$64M from Investissement Québec and US\$58.2M from Caterpillar Financial Services | 4 Undrawn loans included US\$220M Revolving Facility and US\$8.7M from Caterpillar Financial Services.



# PRODUCT DEVELOPMENT AND GROWTH INITIATIVES

CHAMPION IRON 

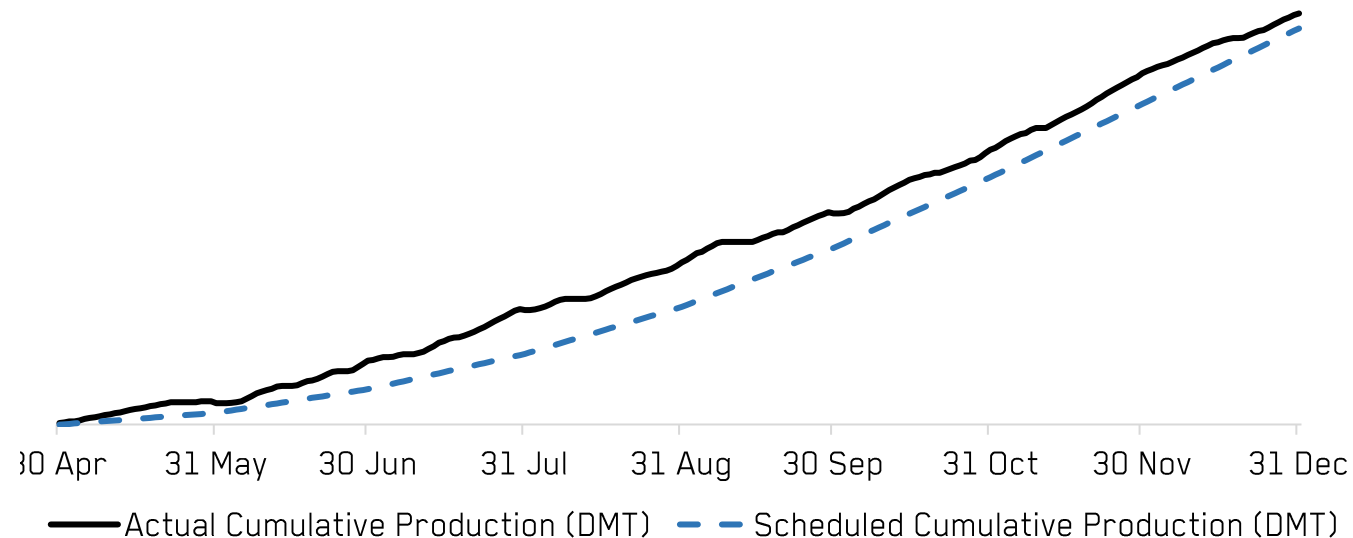
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## PHASE II – RAMPING-UP AS SCHEDULED

- >US\$1.6B project initiated in 2011 by Bloom Lake's previous owner is expected to double Bloom Lake's nameplate capacity
- Achieved commercial production milestone in December 2022 and nameplate capacity expected to be reached in the near term

PHASE II EXPANSION PROJECT  
CUMULATIVE PRODUCTION VS. SCHEDULED RAMP-UP



→ 69% Fe DRPF quality iron ore Project

→ Kami project feasibility study

→ Feasibility study to produce DR pellets in Pointe-Noire



FEASIBILITY STUDY COMPLETED



H2/2023



H2/2023





# DRPF PROJECT STUDY HIGHLIGHTS

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# DRPF PROJECT – OVERVIEW



66.2%  
Fe



69%  
Fe

- Project to upgrade the Phase II plant from 66.2% to a 69% Fe DRPF quality iron ore

## PROJECT HIGHLIGHTS

- Capex of \$470.7M (US\$351.3M)
- 7.5 Mtpa
- 30 Months construction
- Significant additional pricing premium



# DRPF PROJECT: INVESTING IN OUR VISION

- \$10M approved by the Board of Directors on January 26, 2023, to maintain the 30-months project timeline
- Final investment decision pending securing additional power and non-dilutive funding



C\$		US\$
Net Present Value ("NPV")	Pre-tax NPV <sub>8%</sub> of \$1230.1M After-tax NPV <sub>8%</sub> of \$738.2M	Pre-tax NPV <sub>8%</sub> of \$918.0M After-tax NPV <sub>8%</sub> of \$550.9M
Internal Rate of Return ("IRR")	Pre-tax IRR of 30.1% After-tax IRR of 24.0%	





# OUR PEOPLE ARE OUR MOST VALUABLE ASSET

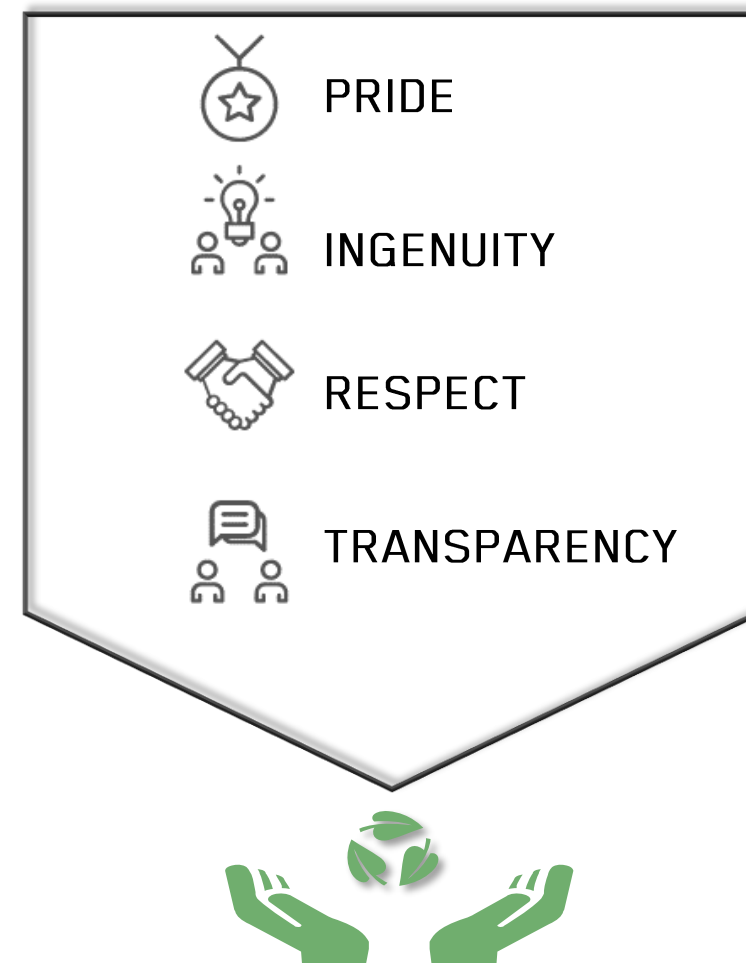
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CREATING A POSITIVE IMPACT FOR LOCAL COMMUNITIES WITH OUR EXPERTISE, ROBUST CULTURE AND VALUES



UPHOLDING OUR VALUES FOR A SUSTAINABLE FUTURE





# THANK YOU!

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## Contact us for more information

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