



**HEBEI WENFENG**  
INDUSTRIAL GROUP CO.

# **CORPORATE PRESENTATION**

Summer 2024



# HEBEI WENFENG OVERVIEW

Hebei Wenfeng Industrial Group (“HWIG”) is a large-scale, privately owned Chinese conglomerate with businesses spanning steelmaking, alumina refining, industrial parks and ports, mining investments, manufacturing, solid waste management and pharmaceuticals.

**As at the end of 2023, HWIG had total assets of US\$6.3 Billion, operating income of US\$5.5 Billion, and ~8,800 employees in China and overseas.**



**SPECIALIZED STEEL  
PRODUCTS**



**ALUMINA REFINING**



**DEEP SEA PORT  
& INDUSTRIAL  
PARK**



**FINANCE**



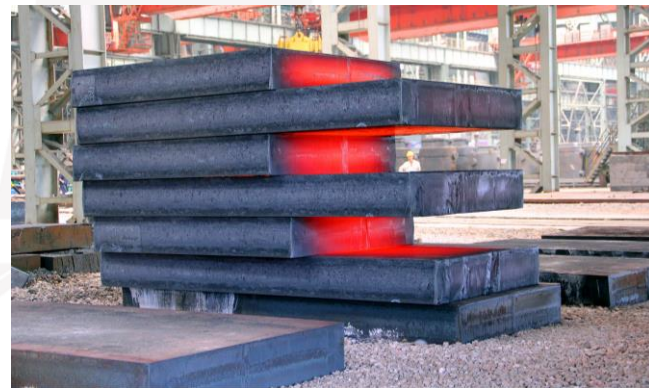
**OVERSEAS  
INVESTMENTS**



# SPECIALIZED STEEL

HWIG's primary business is specialized hot-rolled heavy and super heavy steel plate production through its significant ownership stake, management and operation of two large steel companies:

- **49% ownership in Tangshan Medium and Heavy Plate Co. Ltd.** (other 51% owner is HBIS Group) which produces steel plates at an annual output of **6 million tons valued at ~US\$3.35 billion.**
- **36% ownership in Tangshan Wenfeng Specialized Steel Co. Ltd.** which operates a 2,000 tpa blast furnace steel plant located in Caofeidian Equipment Manufacturing Park, Tangshan, Hebei, China. Its main products include round billets and extra thick plates. Annual iron and steel production capacity of the plant is approximately **5 million tons with value of ~US\$2.8 Billion.**





# ALUMINA REFINING



HWIG's second largest business unit is alumina refining through two subsidiaries:

## 1) Hebei Wenfeng New Materials Co. Ltd.

- 70% owner and operator of a 4.8Mt capacity low-temperature alumina refinery in Caofeidian district, Hebei Province, China (commissioned in March 2022).
- Utilizes state-of-the-art technology to process raw materials, with advanced consumption indicators and a high degree of automation, into **metallurgical-grade calcined alumina**.

## 2) Wenfeng Steel & Aluminum

- New, wholly owned, high-temperature alumina refinery with potential capacity of 7.8Mt under construction.
- First lines to be commissioned in December 2024 and full capacity to be brought online in 2025.

# SOLID WASTE TREATMENT

HWIG is proud to recycle waste products from its steel and alumina factories through its subsidiary **Tangshan Wenfeng Resources Comprehensive Utilization Co. Ltd.** which operates a large industrial solid waste treatment facility.

The treatment facility processes the waste produced from steel production and alumina refining into products which have multiple industrial and agricultural applications.

Each year, the treatment plant produces:

- 18,000 tons of feed grade zinc carbonate
- 92,000 tons of agricultural grade zinc sulfate
- 3,000 tons of agricultural grade potassium chloride
- 1.59 million tons of dezincification material



# DEEP SEA PORT



HWIG controls four 50,000-ton multi-purpose cargo berths and two 70,000-ton cargo berths, along with corresponding supporting facilities, covering a total length of 1,600 m of shoreline with annual throughput capacity of 18 million tonnes.

The Caofeidian district is located in the Bohai Sea coastal area and serves as a crucial shipping port for neighboring cities like Beijing and supports heavy industries such as manufacturing and steelworks.





# INDUSTRIAL PARK

HWIG also operates an Industrial Park located next to the Caofeidian district port.

The park spans 150,000 m<sup>2</sup> and consists of 24 standard warehouses hosting more than 30 enterprises.

A primary use for the Industrial Park is the processing of 2.2 million m<sup>3</sup> of imported timber.



# FINANCE

HWIG is the largest single shareholder of three banks and one insurance company in Northern China:

- 1) **Hebei Tangshan Rural Commercial Bank Co. Ltd – total assets of US\$14.2 Billion**
- 2) **Hebei Cangzhou Rural Commercial Bank Co. Ltd. – total assets of US\$9.3 Billion**
- 3) **Hebei Tangshan Caofeidian Rural Commercial Bank – total assets of US\$2 Billion**
- 4) **Yanzhao Property & Casualty Insurance Co. Ltd. – total assets of US\$376 Million**





# OVERSEAS MINING PROJECTS – CHILE IRON ORE



HWIG holds iron ore projects in Chile through its wholly owned subsidiary **Minera San Fierro Chile Limitada**.

The subsidiary controls a total of **500 km<sup>2</sup> of mining rights**, prospecting rights and option in the Atacama Region of Chile.

The company has three projects called **Oso Negro (Black Bear)**, **Escondida** and **Morion (Xing Xing 48)** – with combined Proven reserves of over 500 million tons of iron ore.

The Black Bear iron ore mine is currently producing ~1 million tons of iron ore concentrate with the others in development.

Once all three mines are in production, **combined annual output of iron concentrate powder is expected to be ~10 million tonnes**.



# OVERSEAS INVESTMENTS – CANADIAN NICKEL PROJECT

HWIG holds a 38% equity stake in **CaNickel Mining Limited**, which owns 100% of the Bucko Lake Mine Project located near Wabowden, Manitoba, Canada.

From 2009 to 2012, the mine produced 6.9 million pounds of nickel before being placed on care and maintenance due to low nickel prices.

**The project continues to host significant mineral resources and represents one of the most advanced nickel sulfide projects in North America today.**

In December 2023, CaNickel announced that it had signed an Option Agreement with Cobalt One Energy Corporation and Australian resource company Blackstone Minerals Limited.

Under the Option Agreement, Cobalt One and Blackstone have the exclusive right and option for a 12-month period to purchase the Bucko Lake Mine for total consideration of up to C\$80 million.



# KEY EXECUTIVES

## **Mr. Wenfeng Liu – Chairman of the Board of Directors**

Mr. Liu is a Chinese-Canadian businessman and investor who has numerous business interests. He has held senior positions with Chinese steel producer Hebei Wenfeng Iron and Steel Co., Ltd. from its inception in 2001 to 2021, as well as senior management and executive positions in various other business corporations in China. In Canada, Mr. Liu has served as the Chairman of TSXV listed CaNickel Mining since December 2010 and previously as Director of Welichem Biotech Inc. from January 2008 to March 2009.

## **Shirley Anthony – Executive VP, Corporate Development**

Ms. Anthony has +17 years of strategic marketing, communications, investor relations and corporate development experience. She previously served as VP Corporate Development of CaNickel Mining Limited (38% held by HWIG), before being appointed CEO in November 2023. Prior to CaNickel, Ms. Anthony served as VP Investor Relations and Corporate Communications for numerous publicly listed companies in North America, including Silvercorp Metals and TVI Pacific Inc.





# CONTACT US

HWIG has rapidly established itself as a notable player in China's alumina refinery scene. The company plans to expand its footprint through the development of a new, wholly owned alumina refinery in 2024-25 which will double its production capacity and requirement for bauxite feed.

**We are currently open to partnership opportunities and welcome bauxite developers and producers to contact us.**

## CONTACT INFORMATION:

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# APPENDIX: BAUXITE IMPORT SPECIFICATIONS

The refinery currently imports 15 million tonnes of metallurgical grade bauxite ore in bulk under the following specifications:

- **$\text{Al}_2\text{O}_3$  (Dry Basis) – 45% basis**
- **$\text{SiO}_2$  (Dry Basis) – 3.0% max**
- **$\text{CaO}$  (Dry Basis) – 2.5% max**
- **$\text{Fe}_2\text{O}_3$  (Dry Basis) – 30% max**
- **Ore Size 0–200 mm (Wet Basis) – 99% min**
- **Moisture – 12% max**

