Investing in Chile: Smelters and refineries

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Chile: a stable and open economy

Chile is connected with a diversity of markets, reaching:
- 85% of the World’s GDP.
- 93.8% of export markets.
- 65% of World’s population.

24 Free Trade Agreements with 64 Countries, which avoids double taxing.

Macroeconomic Stability: Chile was the first South American country to enter the OECD.
Chile: mining country

US$42 millions
EXPORTS OF TECHNOLOGICAL MINING SERVICES 2016

CHILE 28% world’s total production copper

CHILE 54% World lithium reserves

25 International trade agreements and double taxation treaties signed with 64 countries

200,000 HIGHLY specialized workers
Why investing in Chile?

Great geological potential. We have the biggest reserves of copper, lithium (brines), rhenium and important reserves in gold, silver, molybdenum, etc.

Mines close to ports and large cities, which reduces the transportation costs. We have an average width of 177 km from Los Andes to coast.

Excellent climate to develop mining. We have the driest desert in the world (Atacama’s desert).

Political stability, regulatory framework, and tax rates.

High connectivity. Chile is the most connected country in Latin America (25° in world by Global connectivity index).

We have the highest solar radiation in the world, strong winds from north to south to develop wind energy. (renewable energy).

Favourite place for mining exploration and operation projects

Fraser Institute Report puts Chile on the 8th position worldwide, among the most attractive nations to invest in mining. Chile also ranks 1st in Latin America on the same report.

Chile is one of the world top destinations for exploratory non-ferrous activity, with close to 8% of the global investment made in 2017, according to S&P Global Market Intelligence.
In recent years, mining industry has been in constant growth due to better prices in metals.

The Chilean economy has grown 4.9% (July, 2018) according to the index IMACEC due mainly to the mining sector.

There are more mining projects coming within the future, Cochilco’s estimations keep growing year by year.

Source: Cochilco
Mining supplies

Competitive Advantages

- Large number of firms and **wide range of products**.
- A mining supplier industry that predates those of other mining countries.
- Strong **continued growth potential**.
- Cluster of robust firms with vast exporting experience.
- **Competitive value**.
Our Vision as a Government

- Develop policies, programs and regulations that promote mining activities in line with sustainable development.
- Change our way to do mining, from an extractive industry to knowledge and added value.
- Contribute to a sustainable mining in harmony with communities and environment.
- Government focus: pro investment and employment.
Chile promotes mining projects to have broad and sustained support from the community through inclusive collaborative processes for social, economic and institutional development of the communities where projects take place.
In Chile, approximately 15 million tons of copper concentrates are produced annually, of which approximately one third are melted in the seven existing smelters in our country and some 10 million tons per year are exported to be melted and refined mainly in China and Japan.

In the medium and long term, the production of copper concentrates in our country will increase with the start-up of new sulfide mineral projects.
The government decreed in 2013 to significantly restrict emissions of sulfur dioxide, arsenic and other elements in all copper smelters in the country.

This standard meant the disbursement of investments for more than US$ 2,000 million.

Investments for more than US$2,000 mills. smelters and refineries since 2013
The need for world-class smelters and refineries, with low operating costs and a high level of capture of emissions in line with future environmental regulation, opens opportunities in:

- Treatment of complex concentrates with high levels of arsenic and other pollutants
- Mechanization, automation and robotization of smelting and refining
- Instrumentation and systems for the operational control of bath smelting furnaces
- Technologies for the recovery of minerals with economic value.
Thank you!

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