

# Vietnam Antimony Industry Research Report

## 2025-2034

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### Abstracts

Antimony is a metalloid element with the symbol Sb, a density of 6.684g/cm<sup>3</sup>, a melting point of 630.74<sup>°C</sup>, and a boiling point of 1750<sup>°C</sup>. The content of antimony in the earth's crust is 0.0001%. There are currently 120 known antimony-containing minerals, but only 10 of them have industrial value. The most important exploitable mineral is stibnite (Sb<sub>2</sub>S<sub>3</sub>), in addition to alum antimonite (Sb<sub>2</sub>O<sub>3</sub>), tetragonal antimony copper (Cu<sub>2</sub>Sb<sub>2</sub>S<sub>3</sub>), etc.

The antimony industry can be divided into upstream mineral exploration and mining, midstream beneficiation, smelting and deep processing, and downstream application areas. According to CRI analysis, the upstream of the antimony industry is mainly concentrated in the mining and flotation of sulfide deposits such as stibnite. The midstream is the production of metallic antimony and various compounds through processes such as roasting-carbon thermal reduction. The downstream application areas are very wide, covering flame retardants, alloys, ceramics, glass, pigments, semiconductor components, medicine and chemicals. Among them, antimony used in the production of flame retardants accounts for about 60% of the total antimony consumption, and antimony consumed in the manufacture of alloy materials, sliding bearings and welding agents in batteries accounts for about 20%.

In recent years, the global antimony market demand has continued to grow rapidly, mainly benefiting from the wide application of antimony in the fields of flame retardants and energy alloys. According to public data, 48% of the global antimony consumption is used for flame retardants, and about 33% is used for lead-acid batteries. According to CRI analysis, the Asia-Pacific region is the world's largest antimony demand market, with strong demand for flame retardants and lead-acid batteries in its electronics, construction and automotive industries. North America and Europe follow closely

behind, but the market size is relatively small.

CRI predicts that as fire safety regulations become more stringent, the demand for antimony in the flame retardant market will continue to grow. At the same time, the popularity of electric vehicles and large-scale energy storage systems will continue to drive the demand for antimony in the lead-acid battery industry. Overall, the global demand for antimony metal and its compounds will continue to rise in the next few years.

Vietnam is one of the world's major antimony ore producers. Vietnam's antimony ore resources are mainly concentrated in the northern region, such as the Mau Du? mining area and the T? T?n–Don Ngeun mining area. The Mau Du? mining area is operated by Ha Giang Mining Machinery Company (HGM) and has three antimony veins. According to CRI analysis, Vietnam has advantages in antimony resource reserves and production, especially in the rich deposits and active export activities in the northern region. With the growth of global demand for antimony, Vietnam is expected to play a more important role in the future antimony market.

According to CRI analysis, in recent years, the Vietnamese government has actively promoted the development of Vietnam's antimony industry. In the decision "On the Exploration, Mining, Processing and Utilization of Tungsten, Tin and Antimony Ore (Until 2025, and Taking 2035 into Consideration)", the Vietnamese government proposed to complete the 121-level and 122-level ore exploration projects by 2025, with a proven reserve target of 4,756 tons of antimony; between 2026 and 2035, based on further exploration results, an additional 3,030 tons of antimony metal reserves will be added, aiming to accelerate the reinforcement of the resource base and ensure the supply of raw materials for the industry.

CRI predicts that with the dual impetus of Vietnam's domestic antimony market demand and the international antimony market demand, Vietnam's antimony industry is expected to usher in a broader development.

CRI recommends that global mining-related companies should conduct timely research on the Vietnamese market and prepare for the layout of the Vietnamese and international antimony markets. The Shanghai, China and Hanoi, Vietnam offices of CRI will help foreign companies enter Vietnam's antimony mining, antimony smelting and related markets.

### **Topics covered:**

Overview of the Antimony Industry in Vietnam

The Economic and Policy Environment of Antimony Industry in Vietnam

The Market Size of Antimony Industry in Vietnam (2025-2034)

Analysis of Major Antimony Industry Manufacturers in Vietnam

Main Driving Forces and Market Opportunities of Antimony Industry in Vietnam

What are the main driving forces, challenges and opportunities of Antimony industry in Vietnam during the forecast period of 2025-2034?

Which companies are the main players in Vietnam's Antimony industry market and what are their competitive advantages?

What is the expected revenue of Vietnam's Antimony industry market during the forecast period of 2025-2034?

Which part of Vietnam's Antimony industry market will be expected to dominate the market in 2034?

What are the main disadvantages facing Vietnam's Antimony industry?

How can foreign capital enter Vietnam's Antimony industry?

## **Products Mentioned**

Antimony mining, antimony refining, antimony reserves in Vietnam, antimony, Antimony resources, antimony oxides, unwrought antimony, mineral resources, non-ferrous metal industry, metallurgy, alloy manufacturing, chemical industry

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