STUDY GOAL AND OBJECTIVES
This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES
◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
◆ To help company to succeed in a competitive market, and

METHODOLOGY
Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES
The primary information sources include Company Reports, and National Bureau of Statistics of China etc.
Abstract

Since 2014, China’s antimony industry has been characterized by the following:

First, China holds a stable position as a major antimony producer. According to the statistics by USGS, in 2013, up to 163,000 tons of antimony ores were produced globally, of which China contributed 130,000 tons, a figure that took a lion’s share of 79.75%.

Second, China saw a decline in the output of antimony concentrates and antimony products, with a higher degree of industrial concentration. Starting from 2014, owing to weak downstream demand, domestic adequate supply, and lower operating rate of antimony product producers, China’s antimony product output for Jan.-Oct. 2014 fell to 212,263 tons, down 15.23% year on year. As a result, China’s antimony concentrate output showed a slight drop, to 101,193 tons over the same period, a year-on-year decrease of 5.03%. Also in the first 10 months of 2014, China’s top 3 provinces by antimony concentrate output were Hunan, Yunnan, and Guangxi, whose combined output occupied 90% of the national total.

Third, antimony demand from automobile industry maintained rapid growth. In terms of antimony consumption in China, the biggest application is flame retardant, which represented roughly 50% of the total consumption. In recent years, the demand for flame retardant from auto parts industry has kept rapid growth, with automotive plastic parts accounting for approximately 10% of the total auto weight. In the coming 5 years, as automobile industry grows, China’s flame retardant consumption will see an AAGR of 5%.
China Antimony Industry Report, 2014-2017 is primarily concerned with the following:

- Global antimony reserves, output, and demand;
- Policies about antimony industry in China, mainly including those on exploitation cap and export quotas;
- China’s antimony reserves and distribution, antimony concentrates, output and distribution of antimony products, antimony demand, demand structure and major antimony applications, main antimony price trends and market competition pattern;
- China’s import & export volume of antimony concentrates antimony products;
- 10 major antimony related enterprises in China.
1. Overview of Antimony
1.1 Features & Applications of Antimony Metal
1.2 Industry Chain

2. Development of Antimony Industry Worldwide
2.1 Reserves and Distribution
2.2 Supply
2.3 Demand

3. Development of Antimony Industry in China
3.1 Policy Environment
3.1.1 Policy on Resource Exploitation
3.1.2 Policy on Control of Total Exploitation
3.1.3 Policy on Export Quota
3.2 Reserves and Distribution
3.3 Supply
3.3.1 Scale
3.3.2 Structure
3.4 Demand
3.4.1 Demand Structure
3.4.2 Application Field
3.4.3 Demand
3.5 Price Trend
3.6 Competition Structure

4. Import & Export of China Antimony Industry
4.1 Import
4.2 Export

5. Key Enterprises
5.1 Chenzhou Mining Group Co., Ltd.
5.1.1 Profile
5.1.2 Operation
5.1.3 Revenue Structure
5.1.4 Gross Margin
5.1.5 Reserves
5.1.6 Antimony Business
5.1.7 Performance Forecast
5.2 Hunan Nonferrous Metals Corporation Limited
5.2.1 Profile
5.2.2 Operation
5.2.3 Revenue Structure
5.2.4 Hsikwangshan Twinkling Star
5.3 China Minmetals Nonferrous Metals Company
5.3.1 Profile
5.3.2 China Antimony Chemicals
5.3.3 China Antimony Technology Co., Ltd.
5.4 Guangxi China Tin Group
5.4.1 Profile
5.4.2 Operation

5.4.3 Antimony Business
5.5 Guangxi YoungSun Chemicals
5.6 Guizhou Dongfeng Mining Group Co., Ltd.
5.6.1 Profile
5.6.2 Dongguan Jiefu Flame-Retarded Material Co., Ltd
5.6.3 Dushan Dufeng Jiefu Antimony Industry Co.
5.6.4 Guizhou Provincial Metals & Minerals Imp & Exp. Co., Ltd
5.7 Yunnan Muli Antimony Industry
5.7.1 Profile
5.7.2 New Project
5.7.3 Yunnan Union Antimony Industry Co., Ltd.
5.8 Hechi Nanfang Non-ferrous Metal Smelt
5.9 Guangxi Guangtian Smelting Co., Ltd.
5.10 Hechi Wuji Co., Ltd.
5.10.1 Profile
5.10.2 Latest Project

6. Market Summary and Development Forecast
6.1 Market Summary
6.2 Development Forecast
Selected Charts

- Applications of Antimony-based Products
- Antimony Industry Chain
- Antimony Industry Chain and Application Fields
- Distribution of Antimony Reserves Worldwide, 2013
- Antimony Reserves-to-Production Ratio (Static) in China and the World, 2013
- Worldwide Antimony Ore Production, 1994-2013
- Proportion of China’s Antimony Ore Production to the World’s Total, 1994-2013
- Worldwide Antimony Ore Production by Country, 2013
- Worldwide Antimony Consumption Structure, 2013
- Structure of Antimony Consumption in United States, 1996 VS 2012
- Estimated Consumption of Antimony by Region, 2013
- Indexes of Gross Exploitation Amount in China, 2009-2013
- China’s Control Index for Total Antimony Ore Mining by Province/Autonomous Region, 2013
- China’s First Two Batches of Export Quotas for Antimony and Its Products, 2014
- China’s First Two Batches of Export Quotas for Antimony Oxide, 2014
- China’s Export Quotas for Antimony and Its Products, 2012-2014
- China’s Export Quotas for Antimony Oxide, 2012-2014
- Basic Reserves and Proven Reserves of Antimony in China
- Distribution of Antimony Ore Reserves in China, 2013
- Output of Antimony Concentrates of China, 2009-2014
- Antimony Products Output of China, 2002-2014
- Output Distribution of Antimony Products in China by Region, Jan.-Aug., 2014
- Output Distribution of Antimony Concentrates in China by Region, Jan.-Oct., 2014
- Antimony Consumption Structure in China in 2013
• Major Application Fields of Antimony
• Application of Flame Retardant in Automobile
• Output of Lead-acid Storage Battery in China, 2008-2014
• Consumption Amount of Antimony in China, 2001-2014
• Price Trend of Sb?O? (Grade 99.8%) in Chinese Market, 2009-2014
• Import Volume of Antimony-based Products in China, 2009-2014
• Import Value of Antimony-based Products in China, 2009-2014
• Export Volume of Antimony-based Products in China, 2009-2014
• Export Value of Antimony-based Products in China, 2009-2014
• Revenue and YoY Growth of Chenzhou Mining Group, 2009-2014
• Net Income and YoY Growth of Chenzhou Mining Group, 2009-2014
• Revenue Structure of Chenzhou Mining Group by Product, 2009-2014
• Revenue Structure of Chenzhou Mining Group by Region, 2009-2014
• Gross Margin of Chenzhou Mining Group by Product, 2009-2014
• Gross Margin of Chenzhou Mining Group by Region, 2009-2014
• Recoverable Resource Reserves of Chenzhou Mining Group by Product, 2009-2013
• Output of Chenzhou Mining Group’s Antimony Products, 2009-2014
• Revenue and Net Income of Chenzhou Mining Group’s Subsidiaries Engaged in Antimony Business
• Antimony Products Export Quotas of Hunan Zhongnan Antimony-Tungsten Industry Trading Company, 2011-2014
• Revenue and Net Income of Chenzhou Mining Group, 2012-2015E
• Gross Profit and Gross Margin of Hunan Nonferrous Metals Corporation, 2009-2014
• Revenue and YoY Growth of Hunan Nonferrous Metals Corporation, 2009-2014
• Gross Profit and Gross Margin of Hunan Nonferrous Metals Corporation, 2009-2014
• Net Income and YoY Growth of Hunan Nonferrous Metals Corporation, 2009-2014
Selected Charts

- Revenue Structure of Hunan Nonferrous Metals Corporation by Business, 2009-2014
- Revenue from Antimony Products of Hsikwangshan Twinkling Star, 2009-2014
- Sales Volume and Average Selling Price of Antimony Products of Hsikwangshan Twinkling Star, 2009-2014
- Antimony Products Export Quota of Hsikwangshan Twinkling Star, 2011-2014
- Revenue and YoY Growth of Guangxi China Tin Group, 2009-2014
- Refined Antimony Output, Sales Volume and Average Selling Price of Guangxi China Tin Group, 2009-2013
- Antimony Products Export Quota of Guangxi China Tin Group, 2009-2014
- Main Domestic Sales Provinces and Municipalities of Guangxi China Tin Group
- Main Export Destinations of Guangxi China Tin Group
- Antimony Products Export Quota of Guangxi YoungSun Chemicals, 2011-2014
- China’s Antimony Concentrate Output and Import Volume, 2009-2014
- China’s Antimony Products Output, Export Volume and Demand, 2009-2014
- China’s Antimony Concentrate Output, 2014-2017E
- China’s Antimony Output, 2014-2017E
- China’s Antimony Consumption, 2014-2017E
You can place your order in the following alternative ways:

1. Order online at [www.researchinchina.com](http://www.researchinchina.com)
2. Fax order sheet to us at fax number: +86 10 82601570
3. Email your order to: report@researchinchina.com
4. Phone us at +86 10 82600828/ 82601561

<table>
<thead>
<tr>
<th>Party A:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Tel</td>
</tr>
<tr>
<td>E-mail:</td>
<td>Fax</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Party B:</th>
<th>Beijing Waterwood Technologies Co., Ltd (ResearchInChina)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080</td>
</tr>
<tr>
<td>Contact Person:</td>
<td>Liao Yan</td>
</tr>
<tr>
<td>E-mail:</td>
<td><a href="mailto:report@researchinchina.com">report@researchinchina.com</a></td>
</tr>
</tbody>
</table>

Bank details:
- Beneficial Name: Beijing Waterwood Technologies Co., Ltd
- Bank Name: Bank of Communications, Beijing Branch
- Bank Address: NO.1 jinxiyuan shijicheng, Landianchang, Haidian District, Beijing
- Bank Account No #: 110060668012015061217
- Routing No #: 332906
- Bank SWIFT Code: COMMCNSBJG

Choose type of format
- PDF (Single user license) ............... 1,500 USD
- Hard copy .................................. 1,600 USD
- PDF (Enterprisewide license) .......... 2,300 USD

※ Reports will be dispatched immediately once full payment has been received.
Payment may be made by wire transfer or credit card via PayPal.

<table>
<thead>
<tr>
<th>Title</th>
<th>Format</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Total |        |      |

How to Buy
Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com
About ResearchInChina

ResearchInChina (www.researchinchina.com) is a leading independent provider of China business intelligence. Our research is designed to meet the diverse planning and information needs of businesses, institutions, and professional investors worldwide. Our services are used in a variety of ways, including strategic planning, product and sales forecasting, risk and sensitivity management, and as investment research.

Our Major Activities

- **Multi-users market reports**
- **Database-RICDB**
- **Custom Research**
- **Company Search**

RICDB (http://www.researchinchina.com/data/database.html), is a visible financial data base presented by map and graph covering global and China macroeconomic data, industry data, and company data. It has included nearly 500,000 indices (based on time series), and is continuing to update and increase. The most significant feature of this base is that the vast majority of indices (about 400,000) can be displayed in map.

After purchase of our report, you will be automatically granted to enjoy 2 weeks trial service of RICDB for free.

After trial, you can decide to become our formal member or not. We will try our best to meet your demand. For more information, please find at www.researchinchina.com

For any problems, please contact our service team at:

Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080
Phone: +86 10 82600828 ● Fax: +86 10 82601570 ● www.researchinchina.com ● report@researchinchina.com