

# China Germanium Industry Report, 2011-2012

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## Abstracts

America has the world's richest germanium ore resource, but its germanium output has long been showing a small scale. By contrast, China is the largest germanium producer and exporter around the globe. In 2011, the reserves of germanium ore resources in America and China accounted for 45% and 41%, respectively, while their output of germanium (metal tons) made up 2.9% and 65.5% worldwide.

When it comes to China's germanium industry, China has launched a series of favorable policies to shore up the development of high-end germanium products. For instance, China levies 5% tariff on the export of germanium dioxide products; deep-processing germanium products such as monocrystalline germanium slices and germanium optical components can enjoy preferential export tax rebate by 17% and 15%. Under such policy climate, industrial tycoons including Yunnan Lincang Xinyuan Germanium Industry, Yunnan Chihong Zinc & Germanium and China Germanium developed new capacity projects centering on germanium deep-processing products.

Yunnan Lincang Xinyuan Germanium Industry is the only listed company that specializes in germanium products. It has the most complete germanium industry chain with the largest recoverable deposits of germanium metal. In 2011, the ongoing projects of the company concentrated in germanium deep-processing products consisting of solar cell monocrystalline germanium slice, optical fiber germanium tetrachloride, infrared germanium optical lens, etc.

CNGC Night-Vision Science & Technology Group bears distinct competitive advantages in military and civil infrared product fields. As of 2010, the company realized the annual capacity of 20 tons of infrared optical germanium monocrystals and 100,000 sets of infrared optical components.

## Contents

### **1 GERMANIUM INDUSTRY OVERVIEW**

- 1.1 Definition & Classification
- 1.2 Application
- 1.3 Industry Chain

### **2. GLOBAL GERMANIUM INDUSTRY DEVELOPMENT**

- 2.1 Reserves & Distribution
- 2.2 Supply & Demand
  - 2.2.1 Supply
  - 2.2.2 Demand
- 2.3 Competition

### **3. CHINA'S GERMANIUM INDUSTRY DEVELOPMENT**

- 3.1 Reserves & Distribution
- 3.2 Policy Environment
  - 3.2.1 Industry Policy
  - 3.2.2 Export Policy
- 3.3 Supply
- 3.4 Export
- 3.5 Price

### **4. APPLICATION FIELD**

- 4.1 Optical Fiber
- 4.2 Infrared Optics
- 4.3 Solar Cell
- 4.4 PET Catalyst

### **5. KEY COMPANIES**

- 5.1 Yunnan Lincang Xinyuan Germanium Industry Co., Ltd.
  - 5.1.1 Profile
  - 5.1.2 Germanium Reserves
  - 5.1.3 Output

- 5.1.4 Operation
- 5.1.5 Investment Planning
- 5.2 Yunnan Chihong Zinc & Germanium Co., Ltd.
  - 5.2.1 Profile
  - 5.2.2 Germanium Business
  - 5.2.3 Operation
  - 5.2.4 Investment Planning
- 5.3 China Germanium Co., Ltd.
  - 5.3.1 Profile
  - 5.3.2 Operation
- 5.4 Yunnan Luoping Zinc & Electricity Co., Ltd.
  - 5.4.1 Profile
  - 5.4.2 Output
  - 5.4.3 Operation
- 5.5 Shaoguan Smelting Plant
  - 5.5.1 Profile
  - 5.5.2 Germanium
  - 5.5.3 Severe Environmental Protection Cases that Caused Business Suspension
- 5.6 CNGC Night-Vision Science & Technology Group Co., Ltd.
  - 5.6.1 Profile
  - 5.6.2 Operation
- 5.7 Xilingol Tongli Ge Refine Co., Ltd.
  - 5.7.1 Profile
  - 5.7.2 Investment Project

## Selected Charts

### SELECTED CHARTS

Germanium Industry Flow

Global Germanium Reserves & Distribution, 2010

Global Germanium Output, 2003-2015E

Global Germanium Output by Region, 2010

Global Germanium Consumption, 2008-2015E

Global Germanium Consumption by Application Field, 2011

Production Capacity of Main Manufacturers of High-purity Germanium Dioxide & Zone-refined Germanium Ingot around the Globe in 2010

Production Capacity of Main Manufacturers of Germanium Single Crystal around the World, 2010

Distribution of Germanium Resources in China, 2010

Distribution of Germanium-based Mineral Resources in China

Major Germanium Industrial Policies Released by China

Export Rebate Rate of Germanium Products in China, 2006-2012

Output of Germanium Metal in China, 2003-2015E

Export Volume of Germanium Metal in China, 2007-2011

Export Price of Germanium Metal in China, 2007-2011

Top 10 Export Destinations for Metal Germanium in China, 2011

Price of Germanium Metal (99.99%min) in China, 2004-2012

Price of Germanium Dioxide (99.99%min) in China, 2004-2012

Market Demand Forecast for Germanium Applied in Optical Fiber, 2010-2015E

Market Demand Forecast for Germanium Applied in Infrared Optics, 2010-2015E

Market Demand Forecast for Germanium Single Crystal Applied in Space Solar Cells, 2010-2015E

Market Demand Forecast for Germanium Single Crystal Applied in Terrestrial Solar Cells, 2010-2015E

Market Demand Forecast for Germanium Applied in Solar Cell, 2010-2015E

Germanium Reserves of Yunnan Lincang Xinyuan Germanium, 2011

Output of Yunnan Lincang Xinyuan Germanium, 2007-2011

Factory Price of Germanium Ingot (99%) of Yunnan Lincang Xinyuan Germanium, 2011-2012

Operating Revenue & Net Income of Yunnan Lincang Xinyuan Germanium, 2007-2011

Gross Margin of Major Products of Yunnan Lincang Xinyuan Germanium, 2010-2011

Operating Revenue Breakdown of Yunnan Lincang Xinyuan Germanium by Product?2011

Operating Revenue Breakdown of Yunnan Lincang Xinyuan Germanium by Region?2011 Procurement Value and Proportion of Top 5 Suppliers of Yunnan Lincang Xinyuan Germanium, 2009-2011

Sales and Proportion of Top 5 Customers of Yunnan Lincang Xinyuan Germanium, 2009-2011

Investment Projects of Yunnan Lincang Xinyuan Germanium, 2012-2013

Germanium Reserves of Yunnan Chihong Zinc & Germanium, 2011

Germanium Sales Volume of Yunnan Chihong Zinc & Germanium, 2008-2011

Operating Revenue & Net Income of Yunnan Chihong Zinc & Germanium, 2006-2011

Germanium Products Operating Revenue of Yunnan Chihong Zinc & Germanium, 2007-2011

Gross Margin of Major Products of Yunnan Chihong Zinc & Germanium, 2010-2011

Under-construction Investment Projects of China Germanium Co., Ltd., 2011

Ge Concentrate Output of Yunnan Luoping Zinc & Electricity,2008-2010

Gross Margin of Major Products of Yunnan Luoping Zinc & Electricity, 2011

Civilian Products Operating Revenue of Night-Vision Science & Technology Group Co., Ltd. 2010-2011

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