

# Global and China Alumina and Electrolytic Aluminum Industry Report, 2012-2013

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## Abstracts

China's bauxite features poor quality and low self-sufficiency rate of high-quality bauxite. With the gradual release of new alumina capacity and expansion of downstream smelting capacity in China, China has rapidly increased the import of bauxite. China's imports of bauxite mainly come from Indonesia, Australia and India, among which, Indonesia accounts for more than 70%.

As the electricity cost in western region is lower than that in the eastern region of China, the electrolytic aluminum capacity of the western region has continued to expand, but in the meantime, the high energy-consuming and high-cost electrolytic aluminum capacity of the eastern region hasn't been reduced in large scale, leading to serious overcapacity in China's electrolytic aluminum industry in 2012.

Other countries also encountered with the problem of overcapacity as China did.

The rising bauxite and power costs as well as the sluggish LME prices have led to large-scale losses in the aluminum industry. In order to cope with the dual pressure from rising costs and sluggish prices, domestic and foreign enterprises have integrated upstream resources and expanded downstream products. In addition, giants like RUSAL have planned to cut the production moderately and eliminate backward production capacity.

Global and China Alumina and Electrolytic Aluminum Industry, 2012-2013 mainly analyzes the supply & demand and industry development trend of alumina and electrolytic aluminum in China and worldwide, and sheds light on the business performance and development planning of key enterprises in the global and Chinese aluminum industry.

As a giant in the global aluminum industry, RUSAL mainly produces primary aluminum, aluminum alloy, bauxite and alumina. RUSAL is a typical producer of upstream aluminum products with a relatively complete industry chain, and its own bauxite resources can meet 70% of its demand. Meanwhile, RUSAL continues to integrate upstream hydropower and thermal power resources. In 2012, RUSAL reduced the output of primary aluminum to 1.038 million tons, it also plans to eliminate 300 kilotons of primary aluminum capacity before 2013, and increase the output proportion of processed aluminum products to 39%.

In 2012, CHALCO increased the output of cost-competitive products, with the bauxite output of its own mines increased by 27.29% to 17.26 million tons and the alumina output by 8.08% to 11.9 million tons. To integrate upstream resources, CHALCO cooperated with an Indonesian company to exploit bauxite, and the project can achieve an annual capacity of 1.8 million tons upon completion. In January 2013, CHALCO cumulatively acquired 70.82% stake in Ningxia Electric Power Group, increasing another 16 million tons of coal production capacity per year.

## Contents

### **1 UPSTREAM OF GLOBAL ALUMINUM INDUSTRY CHAIN**

#### 1.1 Status Quo of Bauxite in the World

##### 1.1.1 Overview

##### 1.1.2 Bauxite Reserves & Distribution

##### 1.1.3 Production

##### 1.1.4 Global Trade of Bauxite

#### 1.2 Global Alumina Industry

##### 1.2.1 Supply & Demand

##### 1.2.2 Production

##### 1.2.3 Consumption

#### 1.3 Global Electrolytic Aluminum Industry

##### 1.3.1 Production

##### 1.3.2 Consumption

### **2 UPSTREAM OF CHINA'S ALUMINUM INDUSTRY CHAIN**

#### 2.1 Policy Environment

##### 2.1.1 Access Policy

##### 2.1.2 Development Plan

##### 2.1.3 Trade Policy

#### 2.2 Industry Environment

#### 2.3 China's Bauxite Industry

##### 2.3.1 Bauxite Reserves and Distribution in China

##### 2.3.2 Bauxite Trade in China

#### 2.4 China's Alumina Industry

##### 2.4.1 Supply

##### 2.4.2 Regional Structure

##### 2.4.3 Demand

#### 2.5 China's Electrolytic Aluminum Industry

##### 2.5.1 Supply

##### 2.5.2 Regional Structure

##### 2.5.3 Demand

### **3 IMPORT AND EXPORT OF ALUMINA AND ELECTROLYTIC ALUMINUM IN CHINA**

#### 3.1 Alumina

- 3.1.1 Import
- 3.1.2 Regional Structure
- 3.1.3 Export
- 3.2 Electrolytic Aluminum
  - 3.2.1 Import
  - 3.2.2 Export

## **4 ALUMINA AND ELECTROLYTIC ALUMINUM PRICES**

- 4.1 Alumina
  - 4.1.1 Pricing Model
  - 4.1.2 Price Trend
- 4.2 Electrolytic Aluminum
  - 4.2.1 Global Price
  - 4.2.2 Domestic Price

## **5 FOREIGN ENTERPRISES**

- 5.1 RUSAL
  - 5.1.1 Profile
  - 5.1.2 Operation
  - 5.1.3 Dynamics
- 5.2 Rio Tinto
  - 5.2.1 Profile
  - 5.2.2 Bauxite Reserves
  - 5.2.3 Operation
  - 5.2.4 Aluminum Group
  - 5.2.5 Dynamics
  - 5.2.6 Outlook and Strategy
- 5.3 ALCOA
  - 5.3.1 Profile
  - 5.3.2 Bauxite Reserves
  - 5.3.3 Operation
  - 5.3.4 Cost Control
  - 5.3.5 Dynamics
- 5.4 HYDRO
  - 5.4.1 Profile
  - 5.4.2 Operation
  - 5.4.3 Dynamics

## 5.5 BHP Billiton

### 5.5.1 Profile

### 5.5.2 Operation

### 5.5.3 Aluminum CSG

### 5.5.4 Dynamics of Aluminum CSG

## 5.6 Alba

### 5.6.1 Profile

### 5.6.2 Operation

### 5.6.3 Dynamics

## 6 CHINA'S ENTERPRISES

### 6.1 Aluminum Corporation of China Limited

#### 6.1.1 Profile

#### 6.1.2 Operation

#### 6.1.3 Revenue Structure

#### 6.1.4 Gross Margin

#### 6.1.5 Major Event

#### 6.1.6 Development Strategy

#### 6.1.7 Operation Forecast

### 6.2 China Power Investment Corporation

#### 6.2.1 Profile

#### 6.2.2 Operation

#### 6.2.3 Development

### 6.3 Xinfu Group

#### 6.3.1 Profile

#### 6.3.2 Dynamics

### 6.4 Shandong Weiqiao Aluminum & Electricity

#### 6.4.1 Profile

#### 6.4.2 Operation

#### 6.4.3 Key Project

### 6.5 Shanxi Luneng Jin Bei Aluminum

#### 6.5.1 Profile

#### 6.5.2 Operation

#### 6.5.3 Major Event

#### 6.5.4 Development Strategy

### 6.6 Kaiman Aluminum Co., Ltd.

#### 6.6.1 Profile

#### 6.6.2 Operation

### 6.6.3 Dynamics

## 6.7 Shandong Nanshan Aluminum Co., Ltd.

### 6.7.1 Profile

### 6.7.2 Operation

### 6.7.3 Revenue Structure

### 6.7.4 Gross Margin

### 6.7.5 Development

### 6.7.6 Operation Forecast

## 6.8 Bosai Minerals Group Co., Ltd.

### 6.8.1 Profile

### 6.8.2 Operation

### 6.8.3 Development

### 6.8.4 Development Plan

## 6.9 Yunnan Aluminum Co., Ltd.

### 6.9.1 Profile

### 6.9.2 Operation

### 6.9.3 Revenue Structure

### 6.9.4 Gross Margin

### 6.9.5 Operation Forecast

### 6.9.6 Development Strategy

## 6.10 Shanxi ZhongDa Corporation

### 6.10.1 Profile

### 6.10.2 Operation

## 6.11 Other Enterprises

### 6.11.1 East Hope (Sanmenxia)

### 6.11.2 Guangxi Huayin Aluminum Co., Ltd.

### 6.11.3 Longkou Donghai Alumina

### 6.11.4 Luoyang Heung Kong Wanji Aluminum

### 6.11.5 Sanmenxia Yixiang Aluminum

## Selected Charts

### SELECTED CHARTS

Global Distribution of Bauxite Reserves, 2012  
Global Distribution of Bauxite Output, 2012  
Global Output of Alumina, 2008-2012  
Global Consumption of Alumina, 2007-2012  
Global Electrolytic Aluminum Output, 2008-2012  
Global Demand for Electrolytic Aluminum, 2009-2012  
Import Tariffs on Aluminum Related Products, 2013  
Export Tariffs on Aluminum Related Products, 2013  
Top 10 Chinese Provinces/Municipalities by Bauxite Reserves, 2011  
China's Bauxite Import Volume, 2008-2012  
China's Bauxite Import Volume Structure by Country, 2008-2012  
Average Import Price of Bauxite in China, 2006-2012  
China's Alumina Capacity, 2009-2012  
China's Alumina Output, 2007-2012  
China's Alumina Output by Region, 2012  
China's Apparent Consumption of Alumina, 2008-2012  
China's Electrolytic Aluminum Capacity, 2009-2012  
China's Electrolytic Aluminum Output, 2008-2012  
China's Alumina Capacity by Region, 2012  
China's Apparent Consumption of Electrolytic Aluminum, 2008-2012  
China's Alumina Import Volume and Average Price, 2009-2012  
China's Alumina Import Structure by Region, 2012  
China's Alumina Export Volume and Average Price, 2009-2012  
China's Electrolytic Aluminum Import Volume, 2009-2012  
China's Export Volume of Unwrought and Non-alloyed Aluminum, 2009-2012  
Alumina Spot Price in China, 2007-2013  
CHINALCO Alumina Spot Price, 2004-2013  
LME Price, 2011-2013  
SHFE Price, 2011-2013  
Revenue and Net Income of RUSAL, 2009-2012  
Revenue of RUSAL by Product, 2009-2012  
Revenue of RUSAL by Region, 2011-2012  
Bauxite Reserves of Rio Tinto, 2011-2012  
Key Financial Indicators of Rio Tinto, 2010-2012  
Key Financial Indicators of Aluminum Group of Rio Tinto, 2011-2012

Gross Margin of Rio Tinto by Product, 2010-2012  
Bauxite Equity and Output of Alcoa, 2012  
Revenue and Net Income of Alcoa by Subsidiary, 2010-2012  
Revenue of Alcoa by Product, 2010-2012  
Revenue of Alcoa by Region, 2010-2012  
Electricity Generation Capacity of Alcoa's Own Power Plants, 2012  
Revenue of Hydro by Region, 2012  
Key Financial Indicators of Hydro, 2011-2012  
Hydro's Output by Product, 2011-2012  
Key Financial Indicators of BHP Billiton, 2010-2012  
Revenue of BHP Billiton by Product, 2010-2012  
Output of Aluminum CSG of BHP Billiton, 2010-2012  
Bauxite Reserves of Aluminum CSG of BHP Billiton, 2011  
Key Financial Indicators of Alba, 2011-2012  
Revenue and Net Income of Chalco, 2009-2012  
Alumina Market Share of Chalco, 2005-2012  
Revenue of Chalco by Product, 2009-2012  
Revenue of Chalco by Region, 2009-2012  
Gross Margin of Chalco by Product, 2009-2012  
Revenue and Net Income of Chalco, 2012-2014  
Subsidiaries and Main Businesses of Xinfu  
Industrial Chain of Shandong Nanshan Aluminum  
Revenue and Net Income of Shandong Nanshan Aluminum, 2009-2012  
Revenue of Shandong Nanshan Aluminum by Product, 2009-2012  
Revenue of Shandong Nanshan Aluminum by Region, 2009-2012  
Gross Margin of Shandong Nanshan Aluminum by Product, 2009-2012  
Revenue and Net Income of Shandong Nanshan Aluminum, 2012-2014  
Sales of Bosai, 2000-2011  
Revenue and Net Income of Yunnan Aluminum, 2009-2012  
Revenue of Yunnan Aluminum by Product, 2009-2012  
Revenue of Yunnan Aluminum by Region, 2009-2012  
Gross Margin of Yunnan Aluminum by Product, 2009-2012  
Revenue and Net Income of Yunnan Aluminum, 2012-2014E  
Sales Areas of Shanxi ZhongDa Corporation



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