



**Global and China Aluminum Rolling  
(Aluminum Sheets, Strips and  
Foil) Industry Report, 2016-2020**

**Jul. 2016**

## **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

Aluminum rolled products are primarily used in packaging, transportation and construction sectors. Global consumption of aluminum rolled products amounted to 23.8 million tons in 2015, up 5.1% from a year ago and a 1.5 percentage points slowdown from 2014. Packaging industry took the largest proportion of aluminum rolled products consumption (41%), followed by the transportation sector (23%).

It is projected that global consumption of aluminum rolled products will hit 30 million tons in 2020 at a CAGR of around 5% with the transportation likely surpassing packaging to become the largest application market of aluminum rolling.

China, as the world's most important aluminum processing & consumption base, produced 10.70 million tons of aluminum sheets & strips and 2.665 million tons of aluminum foils in 2015, a year-on-year rise of 8.5% and 0.6%, respectively. The output of aluminum sheets & strips and foils is expected to maintain a pace of about 7% and 5% during 2016-2020, separately.

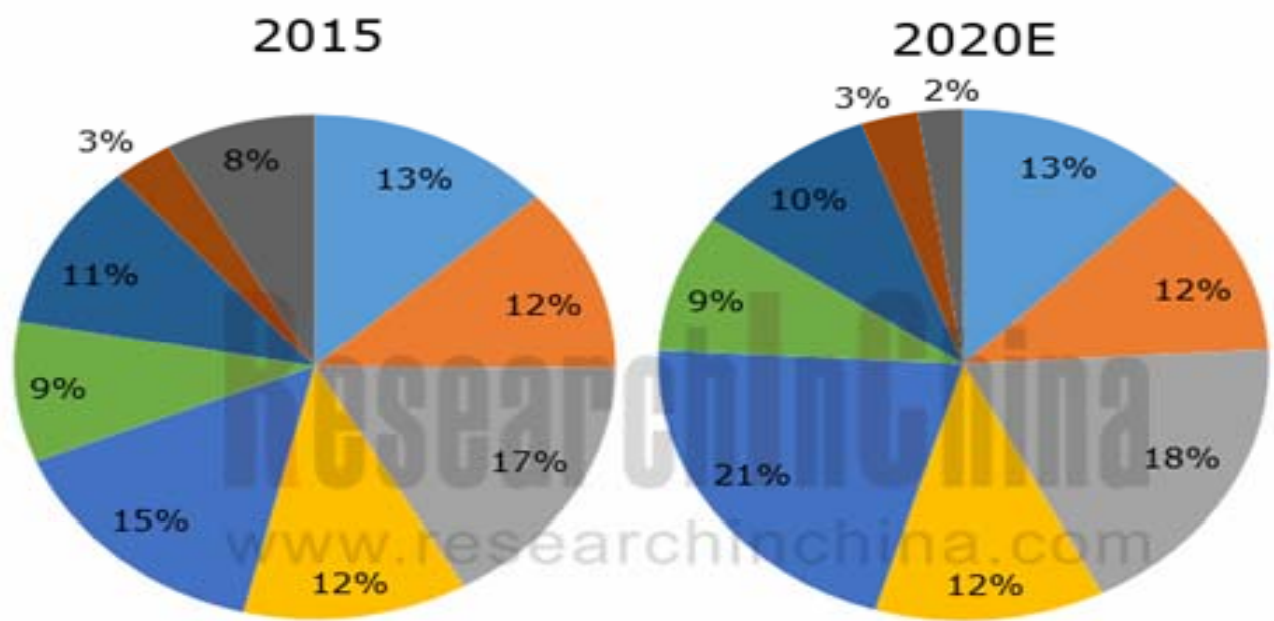
Packaging and transportation are the largest two sectors for aluminum rolled products in China, making up 17% and 15% in 2015, respectively. Thanks to rapid growth in demand from automobile, MU (Multiple Units), urban rail subway, and airplane markets, the transportation will generate the largest demand for aluminum rolled products over the next four years with its share increasing to 21%.

The world's major producers of aluminum rolled products are Novelis, Alcoa, Furuk/SLM/TAA, Hydro, Aleris and Constellium, holding a combined market share of 40% (by sales volume) in 2015, of which Novelis occupied the largest proportion (14%), followed by Alcoa.

Due to technical constraints, Chinese producers of aluminum rolled products focus mainly on blank and mid- to lower range products markets, compared with predominance of foreign players in high-end aluminum sheets/strips market. Domestic enterprises, including Shandong Nanshan Aluminium Co., Ltd., Jiangsu Dingsheng New Energy Materials, Zhejiang Dongliang New Material, Henan Mingtai Al. Industrial, Shandong Weiqiao Aluminum & Electricity, and Tianjin Zhongwang Aluminium Industry, have strengthened their presence in high-end aluminum sheets & strips and foils like automotive aluminum sheets and aerospace aluminum sheet in recent years.

**Novelis:** the world's largest producer of aluminum rolled products; production bases across 11 countries; the first factory put into production in 2014 in China has annual capacity of 120,000 t/a automotive aluminum sheets.

## Downstream Consumption Pattern of Aluminum Rolling in China, 2015&2020



- Building & Decoration
- Hardware Aluminum Products
- Packing receptacle
- Durable product
- Transportation Equipment
- mechanical Equipment
- power & electronic
- printing base
- Others

**Aleris:** the world's third largest producer of aluminum rolled products with a market share of roughly 4% in 2015. Phase I of Zhenjiang-based production base in China went into operation in 2013 with capacity of 25,000 t/a aerospace aluminum sheets, and Phase II being built with annual capacity of 100,000-ton high-end automotive aluminum alloy sheet (including 80,000-ton automotive body sheets) is expected to start production in early 2017.

**Shandong Nanshan Aluminum:** a core producer of aluminum rolled products in China with a market share of around 9.6% (by sales volume). The projects under construction include 200,000 t/a ultra-large high-performance specialty aluminum alloy production line (mainly aerospace and automotive aluminum sheets) and 40,000 t/a high-precision and multi-purpose aluminum foil production line.

**Jiangsu Dingsheng New Energy Materials:** a key aluminum foil enterprise in China with production capacity of 1.185 million t/a. The company has 7 aluminum sheet/strip/foil projects under construction in 2016, and will add capacity of 1.85 million t/a when all these projects go into operation.

Global and China Aluminum Rolling (Aluminum Sheets, Strips and Foils) Industry Report, 2016-2020 highlights the followings:

- Global and China's primary aluminum and aluminum processing industries (market supply & demand, prices, import & export, etc.);
- Global aluminum rolling (market demand, product structure, regional structure, etc.);
- Aluminum sheets/strips and foils in China (policies, production lines, market supply & demand, import & export, competitive landscape, etc.);
- Demand from key downstream sectors including construction, packaging, automobile, high-speed rail, subway, electric power, etc.;
- 8 global aluminum rolling enterprises (operation, development in China, etc.);
- 20 key Chinese aluminum rolling enterprises (operation, development strategy, etc.);
- Aluminum rolling business in the world and China during 2016-2020.

### 1. Aluminum Rolling Industry

- 1.1 Definition
- 1.2 Industry Chain

### 2. Development of Global and China's Primary Aluminum Industry

- 2.1 Global
  - 2.1.1 Supply
  - 2.1.2 Demand
  - 2.1.3 Price
  - 2.1.4 Aluminum Processing Market
- 2.2 China
  - 2.2.1 Overview
  - 2.2.2 Supply
  - 2.2.3 Import & Export
  - 2.2.4 Demand
  - 2.2.5 Price
  - 2.2.6 Aluminum Processing Market

### 3. Development of Global Aluminum Rolling Market

- 3.1 Overview
- 3.2 Product Mix
- 3.3 Regional Structure
  - 3.3.1 Japan
  - 3.3.2 Western Europe
  - 3.3.3 The Middle East
- 3.4 Competitive Landscape

### 4. Development of Chinese Aluminum Rolling Market

- 4.1 Policy
- 4.2 Production Line

- 4.3 Aluminum Sheets/Strips
  - 4.3.1 Supply
  - 4.3.2 Import & Export
  - 4.3.3 Demand
- 4.4 Aluminum Foil
  - 4.4.1 Supply
  - 4.4.2 Import & Export
  - 4.4.3 Demand
- 4.5 Competitive Landscape

### 5. Downstream Demand for Aluminum Rolled Products

- 5.1 Application of Aluminum Sheet/Strip
  - 5.1.1 Building
  - 5.1.2 Packaging
  - 5.1.3 Automobile
  - 5.1.4 Rail Transit
  - 5.1.5 Aerospace
  - 5.1.6 Ship
  - 5.1.7 Printing
- 5.2 Applications of Aluminum Foil
  - 5.2.1 Heat Transport
  - 5.2.2 Packaging
  - 5.2.3 Power Electronics
  - 5.2.4 Aluminum Foil for Li-ion Battery

### 6. Major Aluminum Rolling Companies in the World

- 6.1 ALCOA
  - 6.1.1 Profile
  - 6.1.2 Operation

- 6.1.3 Revenue Structure
- 6.1.4 Aluminum Rolling Business
  - 6.1.4 Development in China
- 6.1.5 Dynamics
- 6.2 Constellium
  - 6.2.1 Profile
  - 6.2.2 Operation
  - 6.2.3 Revenue Structure
  - 6.2.4 Aluminum Rolling Business
  - 6.2.5 Development in China
- 6.3 Norsk Hydro
  - 6.3.1 Profile
  - 6.3.2 Operation
  - 6.3.3 Revenue Structure
  - 6.3.4 Aluminum Rolling Business
  - 6.3.5 Development in China
- 6.4 Aleris
  - 6.4.1 Profile
  - 6.4.2 Operation
  - 6.4.3 Automotive Aluminum Sheet Business
  - 6.4.4 Development in China
- 6.5 Novelis
  - 6.5.1 Profile
  - 6.5.2 Operation
  - 6.5.3 Aluminum Rolling Business
  - 6.5.4 Development in China
- 6.6 Kobe Steel
  - 6.6.1 Profile
  - 6.6.2 Operation
  - 6.6.3 Revenue Structure
  - 6.6.4 Aluminum Rolling Business

6.6.5 Development in China	7.3.6 Prospects	7.7.5 Projects under Construction
6.7 UACJ	7.4 Shandong Nanshan Aluminum Co., Ltd. (600219)	7.7.6 Prospects
6.7.1 Profile	7.4.1 Profile	7.8 Loften Environmental Technology Co., Ltd.(002379)
6.7.2 Operation	7.4.2 Operation	7.8.1 Profile
6.7.3 Aluminum Rolling Business	7.4.3 Revenue Structure	7.8.2 Operation
6.7.4 Development in China	7.4.4 Gross Margin	7.8.3 Revenue Structure
6.8 AMAG	7.4.5 Capacity, Output and Sales Volume	7.9 Xinjiang Joinworld Co., Ltd. (600888)
6.8.1 Profile	7.4.6 Projects under Construction	7.9.1 Profile
6.8.2 Operation	7.4.7 Aluminum Rolling Business	7.9.2 Operation
6.8.3 Aluminum Rolling Business	7.4.8 Prospects	7.10 China Zhongwang Holdings Limited(01333.HK)
<b>7. Major Aluminum Rolling Enterprises in China</b>	7.5 Yunnan Aluminum Co. Ltd. (000807)	7.10.4 Aluminum Rolling Business
7.1 Aluminum Corporation of China	7.5.1 Profile	7.11 Shandong Weiqiao Aluminum & Electricity Co., Ltd.
7.1.1 Profile	7.5.2 Operation	7.12 Southwest Aluminium (Group) Co., Ltd.
7.1.2 Operation	7.5.3 Revenue Structure	7.13 Alnan Aluminum Inc.
7.1.3 Revenue Structure	7.5.4 Gross Margin	7.14 Northeast Light Alloy Co., Ltd.
7.1.4 Aluminum Rolling Business	7.5.5 Output and Sales Volume	7.15 Jiangsu Dingsheng New Energy Materials Co., Ltd.
7.2 Henan Mingtai Al. Industrial Co., Ltd (601677)	7.5.6 Aluminum Processing Business	7.16 Jiangsu CAIFA Aluminum Co., Ltd.
7.2.1 Profile	7.5.7 Prospects	7.17 Guangxi Hezhou
7.2.2 Operation	7.6 Guangdong HEC Technology Holding Co., Ltd (600673)	Guidong Electronic Technology Co., Ltd. (GET)
7.2.3 Revenue Structure	7.6.1 Profile	7.18 Xiashun Holdings Limited
7.2.4 Gross Margin	7.6.2 Operation	7.19 Weifang Sanyuan Aluminum Industry Co., Ltd.
7.2.5 Output and Sales Volume	7.6.3 Revenue Structure	7.20 Asia Alum Holdings Limited
7.2.6 Projects under Construction	7.6.4 Gross Margin	
7.2.7 Prospects	7.6.5 Aluminum Rolling Business	
7.3 Zhejiang Dongliang New Material Co., Ltd.(002082)	7.6.6 Prospects	
7.3.1 Profile	7.7 Jiangsu ALCHA Aluminum Co., Ltd. (002160)	
7.3.2 Operation	7.7.1 Profile	
7.3.3 Revenue Structure	7.7.2 Operation	
7.3.4 Gross Margin	7.7.3 Revenue Structure	
7.3.5 Output and Sales Volume	7.7.4 Output and Sales Volume	
		<b>8. Conclusion and Forecast</b>
		8.1 Conclusion
		8.2 Forecast

- Product Models for Aluminum Rolling Industry
- Aluminum Rolling Production Processes and Products
- Industrial Chain of Aluminum Rolled Products
- Global Primary Aluminum Supply and Demand, 2009-2016
- Global Primary Aluminum Supply and YoY Growth, 2008-2016
- Global Primary Aluminum Supply (by Region / Country), 2015-2016
- Global Primary Aluminum Demand, 2012-2016
- Global Primary Aluminum Supply and Demand, 2016
- Average Annual Growth Rate of Global Primary Aluminum Demand (by Region), 2015-2020E
- Global Aluminum Demand, 2015-2020E
- Global Three-month Primary Aluminum Prices at LME, 2009-2016
- Global Aluminum Processing Demand Structure (by Application), 2015
- Demand Growth Rate of Global Aluminum Processed Products (by Region / Country), 2014-2019E
- China's Electrolytic Aluminum Capacity Distribution (by Province / Municipality), 2016
- China's Primary Aluminum Capacity Distribution (by Region), 2010-2016
- China's Primary Aluminum Operating Capacity and Operating Rate, 2014-2016
- Distribution of China's Primary Aluminum Resumed Capacity, Jan-May 2016
- China's Primary Aluminum Output and YoY Growth, 2010-2020E
- China's Primary Aluminum Import and Export Volume, 2010-2016
- China's Aluminum (by Product) Net Exports, 2010-2019E
- China's Primary Aluminum Consumption and YoY Growth, 2010-2020E
- Three-month Primary Aluminum Prices at Shanghai Futures Exchange, 2012-2016
- Output of China's Aluminum Processed Materials, 2008-2020E
- Global Aluminum Rolling Demand, 2007-2020E
- Global Aluminum Rolling Consumption Structure (by Application), 2013-2020E



- Average Growth Rate of Global Demand for Aluminum Rolled Products (by Application), 2015-2020E
- Global Aluminum Rolling Demand (by Application), 2015 & 2020E
- Global Aluminum Rolling Consumption Structure (by Region), 2012-2016
- Japan's Aluminum Rolling Production and Marketing (by Product), 2014-2016
- Aluminum Rolling Consumption in Western Europe, 2012-2020E
- Aluminum Rolling Consumption Structure (by Application) in Europe, 2015
- Supply and Demand of Aluminum Rolled Products in the Middle East, 2007-2015
- Pattern of Aluminum Rolling Manufacturers in the Middle East
- Development Trend of Aluminum Rolling End-users in the Middle East
- Global Top 6 Aluminum Rolling Manufacturers by Market Share, 2015
- Aluminum Rolling Revenue and Shipment of Global Major Aluminum Rolling Manufacturers, 2015-2016
- Key Policies on Aluminum Rolling Industry in China, 2006-2016
- Completed and Ongoing "1+1" Hot Rough - Finish Rolling Production Lines in China (by Enterprise), by the end of 2015
- Completed "1+3" Hot Continuous Rolling Production Lines in China (by Enterprise), by the end of 2016
- Completed and Ongoing "1+4" Hot Continuous Rolling Production Lines in China (by Enterprise), by the end of 2015
- Ongoing Cold Rolled Aluminum Strip Projects in China, by the end of 2016
- Capacity of Aluminum Sheet/Strip Products in China, 2008-2015
- Output and YoY Growth of Aluminum Sheet/Strip Products in China, 2008-2016
- China's Aluminum Alloy Sheet/Strip Export Volume and YoY Growth, 2008-2016
- China's Aluminum Sheet/Strip Import Volume and YoY Growth, 2008-2016
- Apparent Consumption of Aluminum Rolled Sheet/Strip in China, 2008-2016
- Consumption Pattern of Aluminum Alloy Sheet/Strip in China, 2014-2020E
- China's Aluminum Foil Capacity, 2008-2015
- China's Aluminum Foil Output and YoY Growth, 2008-2015
- Capacity of Start-up and Ongoing Aluminum Foil Projects in China, 2016

- China's Aluminum Foil Export Volume and YoY Growth, 2008-2016
- China's Aluminum Foil Import Volume and YoY Growth, 2008-2016
- Apparent Consumption of Aluminum Foil in China, 2008-2016
- Consumption Pattern of Aluminum Foil in China, 2014&2020E
- Aluminum Rolled Product Sales Volume and Market Share of Major Aluminum Rolling Manufacturers, Mid-2015
- Aluminum Rolled Product Capacity of Major Manufacturers in China, by the end of 2016
- China's Investment in Real Estate Development, 2015-2016
- China's New Housing Construction Area, 2010-2016
- China's Demand for Aluminum Sheet/Strip Used for Building Industry, 2010-2020E
- Global Aluminum Packaging Market Overview, 2016
- China's Demand for Aluminum Sheet/Strip Used for Packaging, 2010-2020E
- Global Capacity of Automotive Aluminum Alloy Sheet, 2010-2020E
- Main Application Fields of Automotive Aluminum Alloy Sheet
- F-150 Aluminum Consumption (by Component), 2015
- Global Demand for Automotive Aluminum Alloy Sheet, 2010-2030E
- Global Demand for Automotive Aluminum Alloy Sheet (by Region), 2012-2020E
- China's Capacity of Automotive Aluminum Alloy Sheet, 2009-2020E
- China's Demand for Automotive Aluminum Alloy, 2010-2020E
- Capacity of Major Automotive Aluminum Alloy Sheet Manufacturers in China, 2015-2018
- China's Demand for Aluminum Rolling Used for EMUs, 2015-2020E
- China's Demand for Aluminum Rolled Products Used for Subways, 2016-2020E
- Application of Aluminum Alloy on Aircrafts
- Material Structure of Civil Aircrafts (by Model), 2016
- Application of Aluminum Alloy on B747 Aircrafts
- Application of Aluminum Alloy on A380 Aircrafts

- Global Civil Aircraft Scale, 2015&2034E
- Global Number of Newly-delivered New Aircrafts (by Model), before 2030
- Global Demand for Aircraft Aluminum Sheet, 2013-2019E
- Number of China's Civilian Transport Aircrafts, 2011-2034E
- China's Demand for Aircraft Aluminum Alloy Sheet, 2015-2020E
- China's Major Aviation-use Aluminum Projects, 2016
- China's Demand for Aluminum Sheet/Strip Used for Printing Industry, 2010-2020E
- Operational Indicators of Chinese Air Conditioner Market, 2006-2015
- China's Demand for Aluminum Foil Used for Air Conditioners, 2008-2017E
- China's Demand for Aluminum Foil Used for Packaging, 2010-2020E
- Consumption Structure of Aluminum Foil Used for Packaging in China (by Purpose), 2016
- Major Packaging Aluminum Foil Manufacturers and Their Capacity in China, 2016
- Global Aluminum Electrolytic Capacitor Market Size, 2009-2016
- China's Demand for Aluminum Foil Used for Electric Power, 2008-2020E
- Revenue and Net Income of Alcoa, 2010-2016
- Revenue of Alcoa (by Country), 2013-2015
- Revenue and After-tax Profit of Alcoa (by Business), 2011-2016Q1
- Alcoa's Rolled Aluminum Plants and Products, 2016
- Global Distribution of Alcoa's Rolled Aluminum Business
- Alcoa's Rolled Aluminum Operations, 2011-2016Q1
- Gross Margin of Alcoa's Rolled Aluminum
- Revenue Structure of Alcoa's Rolled Aluminum (by Application), 2013&2016E
- Alcoa's Revenue from Aluminum Alloy Automotive Sheet, 2013-2020E
- Alcoa's Major Aluminum Alloy Automotive Sheet Clients and Their Products
- Alcoa's Plants and Businesses in China, 2016

- Alcoa's Revenue in China, 2009-2016
- Operation of ARCONIC, 2016Q1
- Development History of Constellium
- Major Production Bases of Constellium
- Revenue of Constellium, 2010-2016
- Shipments and Revenue of Constellium (by Business), 2014-2015
- Revenue (by Region) and % of Total Revenue of Constellium, 2013-2015
- Constellium's Automotive Solutions
- Rolled Aluminum Revenue (by Product) and % of Total Revenue of Constellium, 2013-2015
- Shipments of Constellium's Rolled Aluminum (by Product), 2014-2015
- Constellium's Production Bases in China
- Revenue and Net Income of Norsk Hydro, 2009-2015
- Businesses of Norsk Hydro
- Revenue of Norsk Hydro (by Business), 2014-2016Q1
- Revenue Structure of Norsk Hydro (by Region), 2015
- Output of Main Products of Norsk Hydro, 2011-2015
- Rolled Aluminum Revenue and Profit of Norsk Hydro, 2010-2016
- Sales Volume of Norsk Hydro's Rolled Products (by Application), 2011-2016Q1
- External Sales of Norsk Hydro's Rolled Products (by Production Base), 2011-2015
- Structure of Norsk Hydro's Rolled Aluminum Business by Field, 2015
- Norsk Hydro's Major Rolled Aluminum Production Bases and Capacity, 2016
- Norsk Hydro's On-going Rolled Aluminum Products Projects, 2016
- Norsk Hydro's Plants in China, 2016
- Aleris' Production Bases Worldwide
- Revenue and Net Income of Aleris, 2010-2015

- Revenue of Aleris (by Region), 2013-2016Q1
- Revenue Structure of Aleris (by Application), 2015
- Major Competitors of Aleris (by Region)
- Aleris' Lewisport ABS Expansion Project
- Aleris' Major Aluminum Alloy Automotive Sheet Customers and Competitors
- Global Presence of Novelis
- Distribution of Novelis' Major Production Bases
- Revenue and Net Income of Novelis, FY2010-FY2016
- Shipments of Novelis' Rolled Aluminum Products (by Region), FY2013-FY2016
- Shipments of Novelis' Rolled Aluminum Products (by Business), FY2012-FY2016 Novelis' Aluminum Alloy Automotive Sheet Production Bases and Major Clients, 2016
- Novelis' Global Automotive Aluminum Sheet Capacity, 2016
- Revenue and Net Income of Kobe Steel, FY 2009-FY 2015
- Revenue of Kobe Steel (by Business), FY2013-FY2015
- Main Aluminum & Copper Products and Application of Kobe Steel
- Rolled Aluminum Products Sales Volume (by Region) of Kobe Steel, FY2014-FY2015
- Kobe Steel's Aluminum & Copper Production Bases in China, 2016
- Development History of UACJ
- Businesses and Products of UACJ
- Capacity of UACJ Rayong Works, FY2014-FY2020
- Major Economic Indicators of UACJ, FY2013-FY2015
- Revenue of UACJ (by Business), FY2013-FY2015
- UACJ's Medium-term Goal (2015-2017)
- Rolled Aluminum Sales Volume (by Product) of UACJ, FY2014-FY2015
- Development of Automotive Heat Transfer Material Business of UACJ

- UACJ's Plants in China, 2016
- UACJ's Global Supply Network for Automotive Heat Exchanger Materials
- Global Network of AMAG
- Business Structure of AMAG
- Major Economic Indicators of AMAG, 2012-2015
- Shipments and Revenue of AMAG by Business, 2015
- Shipments of AMGA by Business, 2015Q1-2016Q1
- Revenue of AMAG by Place of Origin, 2015
- Rolled Aluminum Capacity of AMAG, 1995-2020E
- Rolled Aluminum Product Business Indicators of AMAG, 2014-2015
- Rolled Aluminum Product Business Indicators of AMAG, 2015Q1-2016Q1
- AMAG's Planning for 2020
- Revenue and Net Income of Aluminum Corporation, 2013-2016E
- Operating Revenue of Aluminum Corporation by Business, 2013-2016Q1
- Output of Aluminum Corporation by Product, 2011-2016Q1
- Distribution of Rolled Aluminum Subsidiaries under Aluminum Corporation, 2016
- Aluminum Sheet/Strip/Foil Product Capacity of Henan Mingtai Al. Industrial, 2016
- Revenue and Net Income of Henan Mingtai Al. Industrial, 2008-2016Q1
- Operating Revenue of Henan Mingtai Al. Industrial by Product, 2008-2015
- Operating Revenue of Henan Mingtai Al. Industrial by Region, 2008-2015
- Gross Margin of Henan Mingtai Al. Industrial by Product, 2008-2015
- Output, Sales Volume, Inventory and Sales-Output Ratio of Henan Mingtai Al. Industrial by Product, 2011-2015
- Projects under Construction of Henan Mingtai Al. Industrial, 2016
- High-Precision Transportation-use Aluminum Sheet / Strip Projects, Products and Solutions of Mingtai Al. Industrial
- Main Product Segments and Capacity of 20,000 tons/a Transportation-use Aluminum Profile Project of Mingtai Al. Industrial

- Revenue and Net Income of Henan Mingtai Al. Industrial, 2015-2020E
- Revenue and Net Income of Zhejiang Dongliang New Material, 2008-2016
- Operating Revenue of Zhejiang Dongliang New Material by Product, 2009-2015
- Operating Revenue of Zhejiang Dongliang New Material by Region, 2009-2015
- Gross Margin of Zhejiang Dongliang New Material by Product, 2009-2015
- Aluminum Profile / Sheet Output, Sales Volume and Inventory of Dongliang New Material, 2011-2015
- Revenue and Net Income of Zhejiang Dongliang New Material, 2015-2020E
- Revenue and Net Income of Shandong Nanshan Aluminum, 2008-2016Q1
- Operating Revenue Structure of Shandong Nanshan Aluminum by Product, 2014-2016Q1
- Operating Revenue of Shandong Nanshan Aluminum by Region, 2009-2015
- Gross Margin of Shandong Nanshan Aluminum by Product, 2008-2015
- Capacity of Shandong Nanshan Aluminum by Product, 2012-2015
- Capacity, Output, and Sales Volume of Nanshan Aluminum by Product, 2014-2016Q1
- Main Projects under Construction of Shandong Nanshan Aluminum, 2016
- Revenue and Net Income of Shandong Nanshan Aluminum, 2015-2020E
- Revenue and Net Income of Yunnan Aluminum, 2008-2016Q1
- Operating Revenue of Yunnan Aluminum by Product, 2008-2015
- Operating Revenue of Yunnan Aluminum by Region, 2008-2015
- Gross Margin of Yunnan Aluminum by Product, 2008-2015
- Capacity, Output and Sales Volume of Yunnan Aluminum by Product, 2010-2015
- Main Projects under Construction of Yunnan Aluminum, 2016
- Revenue and Net Income of Yunnan Aluminum, 2015-2020E
- Revenue and Net Income of Guangdong Dongyangguang Aluminum, 2009-2016Q1
- Operating Revenue of Guangdong Dongyangguang Aluminum by Product, 2010-2015
- Operating Revenue of Guangdong Dongyangguang Aluminum by Region, 2009-2015

- Gross Margin of Guangdong Dongyangguang Aluminum by Product, 2010-2015
- Capacity, Output and Sales Volume of Aluminum Processing Business of Guangdong Dongyangguang Aluminum by Product, 2011-2015
- Aluminum Foil Product Projects under Construction of Guangdong Dongyangguang Aluminum, 2016
- Revenue and Net Income of Guangdong Dongyangguang Aluminum, 2015-2020E
- Revenue and Net Income of Jiangsu ALCHA Aluminum, 2008-2016E
- Operating Revenue of Jiangsu ALCHA Aluminum by Product, 2008-2015
- Operating Revenue of Jiangsu ALCHA Aluminum by Region, 2008-2015
- Projects under Construction of Jiangsu ALCHA Aluminum, 2016
- Revenue and Net Income of Jiangsu ALCHA Aluminum, 2015-2020E
- Revenue and Net Income of Loften Environmental Technology, 2008-2016E
- Major Rolled Aluminum Projects of Loften Environmental Technology, 2016
- Operating Revenue Structure of Loften Environmental Technology by Product, 2014-2015
- Operating Revenue of Loften Environmental Technology by Region, 2014-2015
- Revenue and Net Income of Xinjiang Joinworld, 2008-2016E
- Operating Revenue of Xinjiang Joinworld by Product, 2010-2015
- Operating Revenue of Xinjiang Joinworld by Region, 2008-2015
- Gross Margin of Xinjiang Joinworld by Product, 2010-2015
- High-purity Aluminum and Rolled Aluminum Output, Sales Volume, and Inventory of Xinjiang Joinworld by Product, 2014-2015
- Revenue and Net Income of Xinjiang Joinworld, 2015-2020E
- Revenue and Net Income of Zhongwang, 2008-2016E
- Capacity and Output of Aluminum Profile Products of Zhongwang, 2010-2015
- Revenue, Sales Volume, and Unit Price of Zhongwang by Business, 2014-2016Q1
- Zhongwang's Revenue and Percentage by Region, 2012-2015
- Aluminum Sheet/Strip/Foil Capacity of Zhongwang Holdings, 2016-2019E



- Revenue and Net Income of Weiqiao Aluminum & Electricity, 2009-2016E
- Revenue and Structure of Weiqiao Aluminum & Electricity by Product, 2013-2016Q1
- Revenue Structure of Weiqiao Aluminum & Electricity by Region, 2011-2016Q1
- Gross Profit of Weiqiao Aluminum & Electricity by Product, 2009-2016Q1
- Gross Margin of Weiqiao Aluminum & Electricity by Product, 2009-2016Q1
- Top 5 Aluminum Sheet Material Suppliers and Procurement from First-ranked Supplier of Weiqiao Aluminum & Electricity, 2011-2016Q1
- Top 5 Liquid Aluminum Alloy Customers and Revenue Contribution of First-ranked Customer of Weiqiao Aluminum & Electricity, 2011-2016Q1
- Ongoing and Planned Projects of Weiqiao Aluminum & Electricity, 2016
- Capacity of Weiqiao Aluminum & Electricity by Product, by 2014&2016Q1
- Aluminum Product Output of Weiqiao Aluminum & Electricity by Product, 2011-2016Q1
- Sales Volume and Sales-Output Ratio of Weiqiao Aluminum & Electricity by Product, 2010-2016Q1
- Sales Price of Shandong Weiqiao Aluminum & Electricity by Product, 2011-2016Q1
- Revenue and Net Income of Southwest Aluminum, 2012-2016E
- Output of Southwest Aluminum, 2011-2015
- Output Structure of Southwest Aluminum by Product, 2015
- Major Product Capacity of Northeast Light Alloy, 2015
- Major Product Applications and Clients of Northeast Light Alloy
- Subordinate Companies of Northeast Light Alloy and Their Businesses
- Revenue and Total Profit of Northeast Light Alloy, 2009-2016
- Aluminum Alloy Sheet/Strip Projects of Northeast Light Alloy
- Revenue of DingSheng New Energy Materials, 2014-2015
- Aluminum Sheet/Strip Sales Volume of DingSheng New Energy Materials, 2013-2015
- Aluminum Sheet/Strip/Foil Production Lines and Product Capacity of Dingsheng New Energy Materials Zhenjiang Base as of March 2016

- Aluminum Subsidiaries under DingSheng New Energy Materials and Capacity Distribution, 2016
- Ongoing and Planned Projects of Zhenjiang Dingsheng Aluminum Industries, 2016
- Revenue and Net Income of Caifa Aluminum, 2011-2015
- Revenue and YoY Growth of Guidong Electronic, 2008-2015
- Aluminum Foil Output and YoY Growth of Guidong Electronic, 2012-2015
- Purchase Amount and Price of Aluminum Foil Raw Materials of Guidong Electronic, 2013-2014
- Revenue of Xiashun Holdings, 2013-2015
- Revenue Structure of Xiashun Holdings by Product, 2014-2015
- Key Aluminum Alloy Automotive Sheet Projects of Sanyuan Aluminum Industry
- Revenue and Rolled Aluminum Revenue of Major Global and Chinese Rolled Aluminum Manufacturers, 2015-2016E
- Rolled Aluminum Capacity, Sales Volume, and Revenue of 25 Global and Chinese Rolled Aluminum Manufacturers, 2015-2016
- Trend in Supply and Demand of Aluminum Sheet/Strip in China, 2016-2020E
- Trend in Supply and Demand of Aluminum Foil Worldwide, 2016-2020E

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](mailto:report@researchinchina.com)
4. Phone us at +86 10 82600828/ 82601561

<b>Party A:</b>			
Name:			
Address:			
Contact Person:		Tel	
E-mail:		Fax	

<b>Party B:</b>			
Name:	Beijing Waterwood Technologies Co., Ltd (ResearchInChina)		
Address:	Room 502, Block 3, Tower C, Changyuan Tiandi Building, No. 18, Suzhou Street, Haidian District, Beijing, China 100080		
Contact Person:	Liao Yan	Phone:	86-10-82600828
E-mail:	<a href="mailto:report@researchinchina.com">report@researchinchina.com</a>	Fax:	86-10-82601570
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: COMMCNSHBJG		

Title	Format	Cost
<i>Total</i>		

Choose type of format

- PDF (Single user license) .....2,550 USD
- Hard copy ..... 2,750 USD
- PDF (Enterprisewide license)..... 3,950 USD

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

**About ResearchInChina**

ResearchInChina ([www.researchinchina.com](http://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*

For any problems, please contact our service team at: