

# Growth Opportunities for Aluminum in Global Automotive Industry 2015-2020: Trend, Forecast, and Market Analysis

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## Abstracts

According to a new market report published by Lucintel, the future of aluminum in the global automotive industry looks strong with increasing penetration of lightweight materials and rising vehicle production. Aluminum in the global automotive industry is forecast to grow at a CAGR of 7.4% from 2015 to 2020. The major drivers of growth for this market are government regulations, a growing demand for lightweight, fuel efficient vehicles, and better price performance benefits of aluminum compared to other lightweight materials. High tensile strength, corrosion resistance, and recyclability of aluminum alloys are additional factors contributing to accelerated growth.

In this market, cast aluminum, rolled aluminum, and extruded aluminum are some of the major product forms used for automotive applications. Cast aluminum is the largest segment by product forms and is expected to remain the same during the forecast period. Lucintel predicts that the demand for rolled aluminum is likely to experience the highest growth in the forecast period supported by growing application of rolled aluminum in the structural component of the vehicle. On the basis of its comprehensive research, Lucintel forecasts that structural components, engine, and wheel and brakes are expected to show above average growth during the forecast period.

Within the aluminum in automotive industry, the passenger car segment is expected to remain as the largest market by volume consumption. The development of new applications and material joining technologies for automotive industry is expected to spur growth for this segment over the forecast period.

Asia Pacific (APAC) is expected to remain the largest market due to increase in the passenger car and light commercial vehicle production in China and India. North

America and Europe are expected to witness significant growth over the forecast period because of strict government regulations for fuel economy and carbon emission reduction.

For market expansion, the report suggests innovation and new product development; this is where the unique characteristics of aluminum material can be capitalized. The report further suggests the development of partnerships with customers to create win-win situations and the development of low-cost solutions for the end users.

Emerging trends, which have a direct impact on the dynamics of the industry, include the increasing use of aluminum in chassis and structural applications and advanced manufacturing technology. Alcoa Inc., Aleris International, Novelis Inc., Norsk Hydro ASA (ADR), and Constellium N.V. are among the major suppliers of aluminum material to the automotive industry. Some companies are opting for joint venture and M&A as a strategic initiative for driving growth.

Lucintel, a leading global strategic consulting and market research firm, has analyzed opportunities for aluminum in global automotive industry by application, product form and region, and has come up with a comprehensive research report, "Growth Opportunities for Aluminum in Global Automotive Industry 2015-2020: Trend, Forecast, and Market Analysis." The Lucintel report serves as a spring board for growth strategy as it provides a comprehensive data and analysis on trends, key drivers, and directions. The study includes a forecast of opportunities for aluminum in global automotive industry through 2020, segmented by application, product form and region as follows:

By application [Volume (Mil lbs /Kilotons) and \$ Mil shipment analysis for 2009 – 2020]:

Engine

Transmission and Driveline

Heat Transfer

Wheels and Brakes

Structural Components

Others

By product form [Volume (Mil lbs /Kilotons) and \$ Mil shipment analysis for 2009 – 2020]:

Cast Aluminum

Rolled Aluminum

Extruded Aluminum

Others

By region [Volume (Mil lbs /Kilotons) and \$ Mil shipment analysis for 2009 – 2020]:

North America

Europe

Asia Pacific

Rest of World

This unique report from Lucintel will provide you with valuable information, insights, and tools needed to identify new growth opportunities and operate your business successfully in this market. This report will save hundreds of hours of your own personal research time and will significantly benefit you in expanding your business in this market. In today's stringent economy, you need every advantage that you can find.

To make business, investment, and strategic decisions, you need timely, useful information. This market report fulfills this core need and is an indispensable reference guide for multinational materials suppliers, product manufacturers, investors, executives, distributors, and many more that operate in this market.

Some of the features of "Growth Opportunities for Aluminum in Global Automotive Industry 2015-2020: Trend, Forecast, and Market Analysis" include:

Market size estimates: Aluminum in global automotive industry size estimation in terms of volume (M lbs.) and value (\$M) shipment.

Trend and forecast analysis: Aluminum in global automotive industry trend (2009-2014) and forecast (2015-2020) by region and product type.

Segmentation analysis: Aluminum in global automotive industry size by various product forms, such as cast aluminum, rolled aluminum, extruded aluminum and others in terms of value and segmented by application, such as engine, transmission and driveline, heat transfer, wheels and brakes and structural component by value

Regional analysis: Aluminum in global automotive industry breakdown by key regions, such as North America, Europe, Asia Pacific, and Rest of World.

Growth opportunities: Analysis on growth opportunities in different applications and regions.

Strategic analysis: This includes M&A, competitive landscape, and expansion strategies of aluminum in global automotive industry suppliers.

Emerging applications: Emerging applications of aluminum in global automotive Industry.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

## Contents

### 1. EXECUTIVE SUMMARY

### 2. ALUMINUM IN AUTOMOTIVE INDUSTRY BACKGROUND AND CLASSIFICATIONS

#### 2.1: Introduction

2.1.1: Industry Classification

2.1.2: Markets Served

2.1.3: Supply Chain

### 3. MARKET TREND AND FORECAST ANALYSIS

#### 3.1: Market analysis 2014

3.1.1: Aluminum in Global Automotive Industry by Product Form

3.1.2: Aluminum in Global Automotive Industry by Application

3.1.3: Aluminum for Regional Automotive Industry by Value and Volume

3.1.4: Aluminum in Global Automotive Industry by Country

#### 3.2: Market Trend 2009-2014

3.2.1: Macroeconomic Trends

3.2.2: Aluminum in Global Automotive Industry by Value and Volume

3.2.3: Trend of Aluminum in North American Automotive Industry by Value and Volume

3.2.4: Aluminum in North American Automotive Industry by Country

3.2.5: Trend of Aluminum in European Automotive Industry by Value and Volume

3.2.6: Aluminum in European Automotive Industry by Country

3.2.7: Trend of Aluminum in APAC Automotive Industry by Value and Volume

3.2.8: Aluminum in APAC Automotive Industry by Country

3.2.9: Trend of Aluminum in ROW Automotive Industry by Value and Volume

3.2.10: Aluminum in ROW Automotive Industry by Country

3.2.11: Industry Drivers and Challenges

#### 3.3: Market Forecast 2015–2020

3.3.1: Macroeconomic Forecasts

3.3.2: Forecast for Aluminum in Global Automotive Industry by Value and Volume

3.3.3: Forecast for Aluminum in North American Automotive Industry by Value and Volume

3.3.4: Forecast for Aluminum in European Automotive Industry by Value and Volume

3.3.5: Forecast for Aluminum in APAC Automotive Industry by Value and Volume

3.3.6: Forecast for Aluminum in ROW Automotive Industry by Value and Volume

## **4. COMPETITOR ANALYSIS**

- 4.1: Product Portfolio Analysis
- 4.2: Market Share Analysis
- 4.3: Growth Leadership Analysis
- 4.4: Porter's Five Forces Analysis

## **5. GROWTH OPPORTUNITY & STRATEGIC ANALYSIS**

- 5.1: Growth Opportunities for Aluminum in Global Automotive Industry by Region
- 5.2: Emerging Trends of Aluminum in Global Automotive Industry
- 5.3: Strategic Analysis
  - 5.3.1: Expansion Strategy
- 5.4: Growth Strategies for Aluminum Material Suppliers
  - 5.4.1: Aluminum in Global Automotive Industry Opportunities across the Globe
- 5.5: Mergers and Acquisitions in Global Automotive Aluminum Market

## **6. COMPANY PROFILES OF LEADING PLAYERS**

## List Of Figures

### LIST OF FIGURES

#### CHAPTER 2. ALUMINUM IN AUTOMOTIVE INDUSTRY BACKGROUND AND CLASSIFICATIONS

Figure 2.1: Classification of Aluminum Material for Global Automotive Industry by Product Form

Figure 2.2: Die Casting

Figure 2.3: Rolled Aluminum

Figure 2.4: Extruded Aluminum

Figure 2.5: Forged Aluminum

Figure 2.6: Engine

Figure 2.7: Car Gearbox

Figure 2.8: Radiator

Figure 2.9: Wheel and Brake

Figure 2.10: Bumper Beam

Figure 2.11: Supply Chain of Aluminum in the Global Automotive Industry

#### CHAPTER 3. MARKET TREND AND FORECAST ANALYSIS

Figure 3.1: Aluminum in Global Automotive Industry (Kiloton) Distribution by Vehicle Type in 2014

Figure 3.2: Regional Automotive Aluminum Market (Kiloton) by Vehicle Type in 2014

Figure 3.3: Aluminum in Global Automotive Industry (\$ Million) Distribution by Product Form in 2014

Figure 3.4: Aluminum in Global Automotive Industry (\$ Million) by Product Form in 2014

Figure 3.5: Aluminum in Global Automotive Industry (\$ Million) Distribution by Application in 2014

Figure 3.6: Aluminum in Global Automotive Industry (\$ Million) by Application in 2014

Figure 3.7: Aluminum in Global Automotive Industry (\$ Million) Distribution by Region in 2014

Figure 3.8: Aluminum in Global Automotive Industry (Kiloton) Distribution by Region in 2014

Figure 3.9: Aluminum in Global Automotive Industry Distribution of Leading 10 Countries in 2014

Figure 3.10: Aluminum Consumption (Kiloton) in Global Automotive Industry by Leading 10 Countries in 2014

Figure 3.11: Aluminum Consumption (\$ Million) in Global Automotive Industry by Leading 10 Countries in 2014

Figure 3.12: Trend of Global GDP Growth Rate

Figure 3.13: Trend of Global Light Vehicle Production Growth Rate

Figure 3.14: Trend of Global Population Growth Rate

Figure 3.15: Trend of Regional GDP Growth Rate

Figure 3.16: Trend of Regional Population Growth Rate

Figure 3.17: Trend of Regional Per Capita Income

Figure 3.18: Trend of Regional Light Vehicle Production Growth Rate

Figure 3.19: Trend of Aluminum in Global Automotive Industry from 2009 to 2014

Figure 3.20: Trend of Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.21: Growth for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2013 to 2014

Figure 3.22: CAGR for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.23: Trend of Aluminum in Global Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.24: Growth for Aluminum in Global Automotive Industry (\$ Million) by Application from 2013 to 2014

Figure 3.25: CAGR for Aluminum in Global Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.26: Trend of Aluminum in North American Automotive Industry from 2009 to 2014

Figure 3.27: Automotive Aluminum Consumption Distribution of North American Countries in 2014

Figure 3.28: North American Automotive Aluminum Consumption (Kiloton) by Country in 2014

Figure 3.29: North American Automotive Aluminum Consumption (\$ Million) by Country in 2014

Figure 3.30: Trend of Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.31: Growth for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2013 to 2014

Figure 3.32: CAGR for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.33: Trend of Aluminum in North American Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.34: Growth for Aluminum in North American Automotive Industry (\$ Million) by



Application from 2013 to 2014

Figure 3.35: CAGR for Aluminum in North American Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.36: Trend of Aluminum in European Automotive Industry from 2009 to 2014

Figure 3.37: Automotive Aluminum Consumption Distribution of European Countries in 2014

Figure 3.38: European Automotive Aluminum Consumption (Kiloton) by Country in 2014

Figure 3.39: European Automotive Aluminum Consumption (\$ Million) by Country in 2014

Figure 3.40: Trend of Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.41: Growth for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2013 to 2014

Figure 3.42: CAGR for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.43: Trend of Aluminum in European Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.44: Growth for Aluminum in European Automotive Industry (\$ Million) by Application from 2013 to 2014

Figure 3.45: CAGR for Aluminum in European Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.46: Trend of Aluminum in APAC Automotive Industry from 2009 to 2014

Figure 3.47: Automotive Aluminum Consumption Distribution of APAC Countries in 2014

Figure 3.48: APAC Automotive Aluminum Consumption (Kiloton) by Country in 2014

Figure 3.49: APAC Automotive Aluminum Consumption (\$ Million) by Country in 2014

Figure 3.50: Trend of Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.51: Growth for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2013 to 2014

Figure 3.52: CAGR for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.53: Trend of Aluminum in APAC Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.54: Growth for Aluminum in APAC Automotive Industry (\$ Million) by Application from 2013 to 2014

Figure 3.55: CAGR for Aluminum in APAC Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.56: Trend of Aluminum in ROW Automotive Industry from 2009 to 2014

Figure 3.57: Automotive Aluminum Consumption Distribution of ROW Countries in 2014

Figure 3.58: ROW Automotive Aluminum Consumption (Kiloton) by Country in 2014

Figure 3.59: ROW Automotive Aluminum Consumption (\$ Million) by Country in 2014

Figure 3.60: Trend of Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.61: Growth for Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2013 to 2014

Figure 3.62: CAGR for Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2009 to 2014

Figure 3.63: Trend of Aluminum in ROW Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.64: Growth for Aluminum in ROW Automotive Industry (\$ Million) by Application from 2013 to 2014

Figure 3.65: CAGR for Aluminum in ROW Automotive Industry (\$ Million) by Application from 2009 to 2014

Figure 3.66: Drivers and Challenges of Aluminum in Global Automotive Industry

Figure 3.67: Forecast of Global GDP Growth Rate

Figure 3.68: Forecast of Global Light Vehicle Production Growth Rate

Figure 3.69: Forecast of Global Population Growth Rate

Figure 3.70: Forecast of Regional GDP Growth Rate

Figure 3.71: Forecast of Regional Population Growth Rate

Figure 3.72: Forecast of Regional Per Capita Income

Figure 3.73: Forecast for Aluminum in Global Automotive Industry from 2015 to 2020

Figure 3.74: Forecast for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.75: Growth Forecast for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2014 to 2015

Figure 3.76: CAGR Forecast for Aluminum in Global Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.77: Forecast for Aluminum in Global Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.78: Growth Forecast for Aluminum in Global Automotive Industry (\$ Million) by Application from 2014 to 2015

Figure 3.79: CAGR Forecast for Aluminum in Global Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.80: Forecast for Aluminum in North American Automotive Industry from 2015 to 2020

Figure 3.81: Forecast for Aluminum in North American Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.82: Growth Forecast for Aluminum in North American Automotive Industry (\$ Million) by Product Form from 2014 to 2015

Figure 3.83: CAGR Forecast for Aluminum in North American Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.84: Forecast for Aluminum in North American Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.85: Growth Forecast for Aluminum in North American Automotive Industry (\$ Million) by Application from 2014 to 2015

Figure 3.86: CAGR Forecast for Aluminum in North American Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.87: Forecast for Aluminum in European Automotive Industry from 2015 to 2020

Figure 3.88: Forecast for Aluminum in European Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.89: Growth Forecast for Aluminum in European Automotive Industry (\$ Million) by Product Form from 2014 to 2015

Figure 3.90: CAGR Forecast for Aluminum in European Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.91: Forecast for Aluminum in European Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.92: Growth Forecast for Aluminum in European Automotive Industry (\$ Million) by Application from 2014 to 2015

Figure 3.93: CAGR Forecast for Aluminum in European Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.94: Forecast for Aluminum in APAC Automotive Industry from 2015 to 2020

Figure 3.95: Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.96: Growth Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2014 to 2015

Figure 3.97: CAGR Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.98: Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.99: Growth Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Application from 2014 to 2015

Figure 3.100: CAGR Forecast for Aluminum in APAC Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.101: Forecast for Aluminum in ROW Automotive Industry from 2015 to 2020

Figure 3.102: Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.103: Growth Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2014 to 2015

Figure 3.104: CAGR Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Product Form from 2015 to 2020

Figure 3.105: Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Application from 2015 to 2020

Figure 3.106: Growth Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Application from 2014 to 2015

Figure 3.107: CAGR Forecast for Aluminum in ROW Automotive Industry (\$ Million) by Application from 2015 to 2020

## **CHAPTER 4. COMPETITOR ANALYSIS**

Figure 4.1: Market Presence of Major Players in Global Automotive Aluminum Market

Figure 4.2: Market Share Analysis of Top Five Players of Aluminum Material for Global Automotive Industry 2014

Figure 4.3: Market Share in Terms of \$ Value by Top Five Suppliers in Aluminum Material for Automotive Industry in 2014

Figure 4.4: Growth Leadership Matrix of Aluminum in Global Automotive Industry

Figure 4.5: Porter's Five Forces Industry Analysis for Aluminum Material in Global Automotive Industry

## **CHAPTER 5. GROWTH OPPORTUNITY & STRATEGIC ANALYSIS**

Figure 5.1: Growth Opportunities for Aluminum in Global Automotive Industry by Region

Figure 5.2: Emerging Trends of Aluminum in Global Automotive Industry

Figure 5.3: Major Capacity Expansion of Automotive Aluminum Material by Major Player

Figure 5.4: Growth Strategies for Automotive Aluminum Material Suppliers

Figure 5.5: Aluminum in Global Automotive Industry Opportunities across the Globe

## List Of Tables

### LIST OF TABLES

#### CHAPTER 1. EXECUTIVE SUMMARY

Table 1.1: Aluminum in Global Automotive Industry Parameters and Attributes

#### CHAPTER 3. MARKET TREND AND FORECAST ANALYSIS

Table 3.1: Ranking of Top 10 Countries of World in Terms of Aluminum Consumption in Global Automotive Industry

Table 3.2: Vehicle Penetration Rate of Major Countries

Table 3.3: Trend of Aluminum in Global Automotive Industry by Value and Volume from 2009 to 2014

Table 3.4: Average Growth Rates for One, Three, and Five Years for Aluminum in Global Automotive Industry in Terms of Shipment

Table 3.5: Growth Rate and CAGR for Aluminum in Global Automotive Industry by Product Form

Table 3.6: Growth Rate and CAGR for Aluminum in Global Automotive Industry by Application

Table 3.7: Trend of Aluminum in North American Automotive Industry by Value and Volume from 2009 to 2014

Table 3.8: Average Growth Rates for One, Three, and Five Years for Aluminum in North American Automotive Industry in Terms of Shipment

Table 3.9: Growth Rate and CAGR for Aluminum in North American Automotive Industry by Product Form

Table 3.10: Growth Rate and CAGR for Aluminum in North American Automotive Industry by Application

Table 3.11: Trend of Aluminum in European Automotive Industry by Value and Volume from 2009 to 2014

Table 3.12: Average Growth Rates for One, Three, and Five Years for Aluminum in European Automotive Industry in Terms of Shipment

Table 3.13: Growth Rate and CAGR for Aluminum in European Automotive Industry by Product Form

Table 3.14: Growth Rate and CAGR for Aluminum in European Automotive Industry by Application

Table 3.15: Trend of Aluminum in APAC Automotive Industry by Value and Volume from 2009 to 2014

Table 3.16: Average Growth Rates for One, Three, and Five Years for Aluminum in APAC Automotive Industry in Terms of Shipment

Table 3.17: Growth Rate and CAGR for Aluminum in APAC Automotive Industry by Product Form

Table 3.18: Growth Rate and CAGR for Aluminum in APAC Automotive Industry by Application

Table 3.19: Trend of Aluminum in ROW Automotive Industry by Value and Volume from 2009 to 2014

Table 3.20: Average Growth Rates for One, Three, and Five Years in Aluminum for ROW Automotive Industry in Terms of Value and Volume

Table 3.21: Growth Rate and CAGR for Aluminum in ROW Automotive Industry by Product Form

Table 3.22: Growth Rate and CAGR for Aluminum in ROW Automotive Industry by Application

Table 3.23: Forecast for Aluminum in Global Automotive Industry by Value and Volume from 2015 to 2020

Table 3.24: Average Growth Rates for One, Three, and Five Years for Aluminum in Global Automotive Industry in Terms of Shipment

Table 3.25: Growth Forecast and CAGR for Aluminum in Global Automotive Industry by Product Form

Table 3.26: Growth Forecast and CAGR for Aluminum in Global Automotive Industry by Application

Table 3.27: Forecast for Aluminum in North American Automotive Industry by Value and Volume from 2015 to 2020

Table 3.28: Average Growth Rates for One, Three, and Five Years for Aluminum in North American Automotive Industry in Terms of Shipment

Table 3.29: Growth Forecast and CAGR for Aluminum in North American Automotive Industry by Product Form

Table 3.30: Growth Forecast and CAGR for Aluminum in North American Automotive Industry by Application

Table 3.31: Forecast for Aluminum in European Automotive Industry by Value and Volume from 2015 to 2020

Table 3.32: Average Growth Rates for One, Three, and Five Years for Aluminum in European Automotive Industry in Terms of Shipment

Table 3.33: Growth Forecast and CAGR of Aluminum in European Automotive Industry by Product Form

Table 3.34: Growth Forecast and CAGR for Aluminum in European Automotive Industry by Application

Table 3.35: Forecast for Aluminum in APAC Automotive Industry by Value and Volume



from 2015 to 2020

Table 3.36: Average Growth Rates for One, Three, and Five Years for Aluminum in APAC Automotive Industry in Terms of Shipment

Table 3.37: Growth Forecast and CAGR for Aluminum in APAC Automotive Industry by Product Form

Table 3.38: Growth Forecast and CAGR for Aluminum in APAC Automotive Industry by Application

Table 3.39: Forecast for Aluminum in ROW Automotive Industry by Value and Volume from 2015 to 2020

Table 3.40: Average Growth Rates for One, Three, and Five Years for Aluminum in ROW Automotive Industry in Terms of Shipment

Table 3.41: Growth Forecast and CAGR for Aluminum in ROW Automotive Industry by Product Form

Table 3.42: Growth Forecast and CAGR for Aluminum in ROW Automotive Industry by Application

#### **CHAPTER 4. COMPETITOR ANALYSIS**

Table 4.1: Rankings of Suppliers Based on Automotive Aluminum Revenue

#### **CHAPTER 5. GROWTH OPPORTUNITY & STRATEGIC ANALYSIS**

Table 5.1: Major Expansion and Focused Business Segments of Automotive Aluminum Suppliers

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