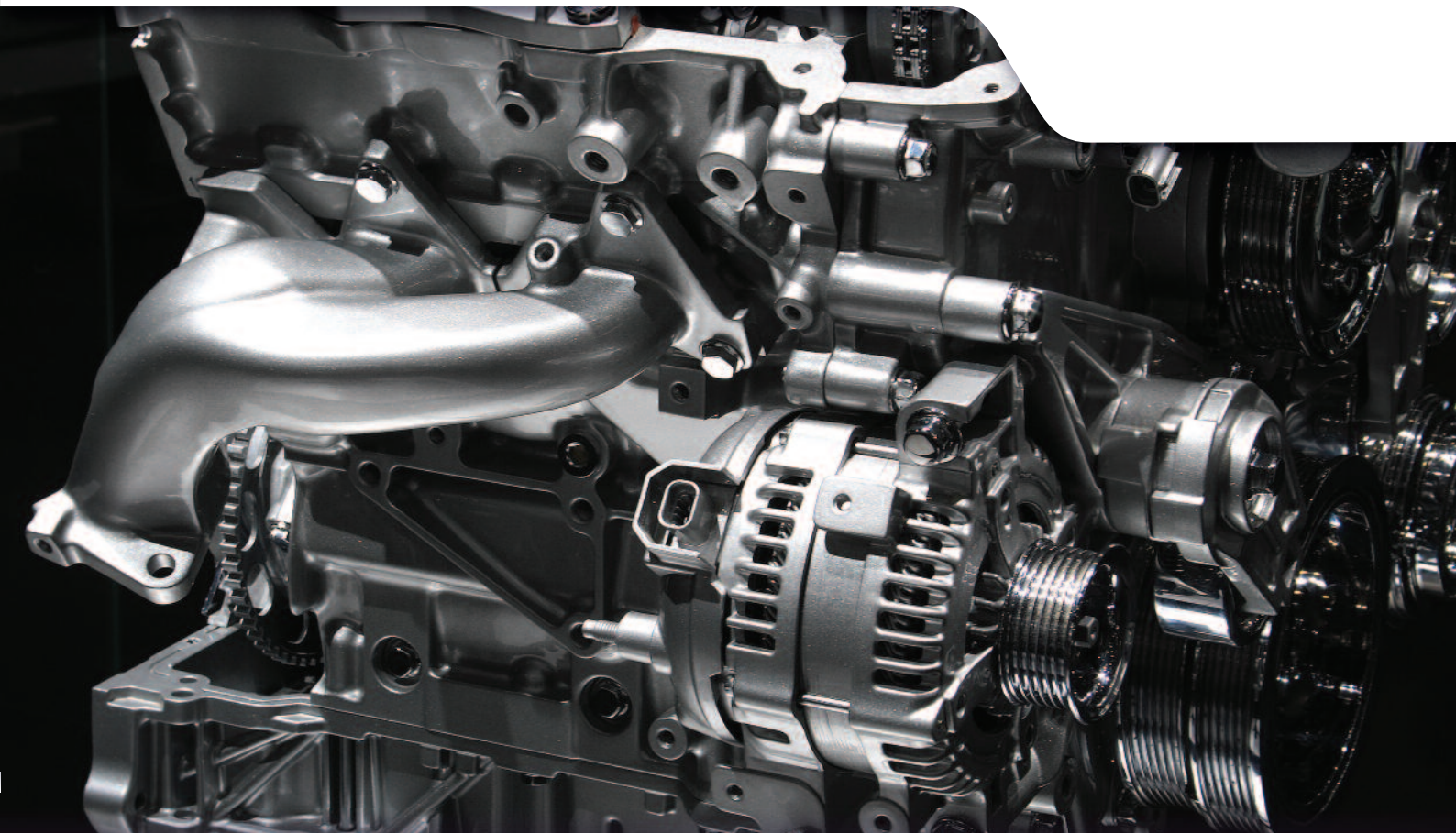


# The Global Market for Aluminium Castings to 2021



- What is the current market for aluminium castings?
- Who are major user segments and applications for aluminium castings?
- What are the key geographical markets for aluminium castings?



# The Global Market for Aluminium Castings to 2021

- *What are the future growth prospects for aluminium castings?*
- *What is the current production of aluminium castings across countries and major production processes adopted?*

**This comprehensive study published by Metal Bulletin Research (MBR) maps the market for aluminium castings across end use sectors and geographical regions with forecasts to 2021.**

The global aluminium usage in 2011, inclusive of recycled aluminium, was estimated at 53.5 million tonnes and aluminium castings accounted for about 24%. Demand for aluminium castings is largely influenced by trends in the transportation sector, especially from the automotive sector. Fuel-efficient automotive vehicles and lightweight engineering components are driving the need for aluminium and aluminium castings. Cast iron castings are now being replaced by aluminium castings in the automotive sector.

The other major end-use segments for aluminium castings include industrial and architectural, building & construction sectors. The global aluminium castings usage in 2011 was estimated at 12.7 million tonnes. A significant quantity of the aluminium castings is produced from recycled aluminium.

Asia Pacific followed by Western Europe and North America are the principal markets for aluminium castings. China, USA and Japan are the leading markets for aluminium castings in the world and accounted for nearly 50% of the usage. Emergence of China and India as global automobile hubs with many manufacturers shifting production base to these countries, has correspondingly influenced these countries demand for aluminium castings in the recent past.

MBR have published an in-depth study, **The Global Market for Aluminium Castings to 2021** which provides current market analysis for aluminium castings and demand forecast out to 2021, across key end-use segments, with the main focus on the transportation sector.

The Global Market for Aluminium Castings to 2021 provides coverage of the following key end use sectors:

- Transportation sector;
- Industrial sector;
- Architectural, Building and Construction sector;
- Others.



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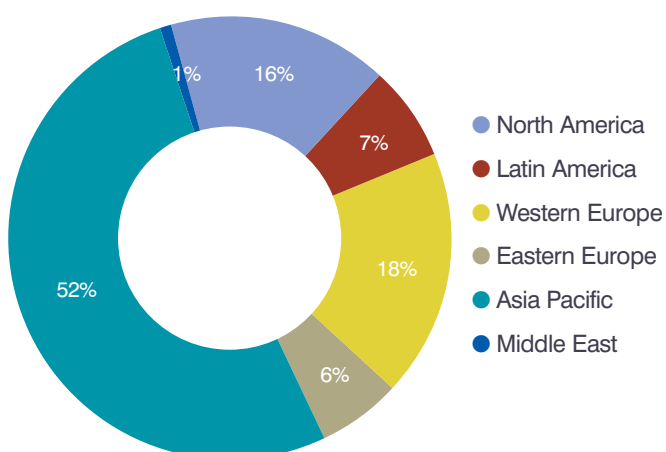


This comprehensive study on The Global Market for Aluminium Castings to 2021 offers current market analysis and future demand for aluminium castings across regions and end-use segments.

**The Global Market for Aluminium Castings to 2021** offers analysis by country/region including demand, supply and price in detail for each of the following countries/regions:

- **North America:** USA, Canada
- **Latin America:** Brazil, Mexico
- **Europe:** UK, Germany, France, Italy, Spain, Russia, Poland, Turkey
- **Asia Pacific:** Japan, China, India, South Korea
- **Middle East & Africa:** Iran, GCC

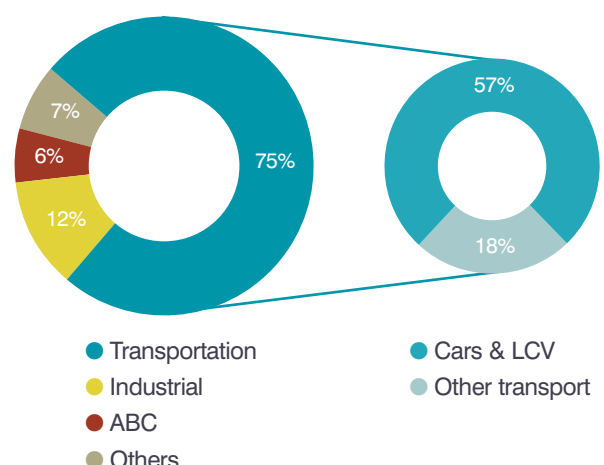
**Figure 1: Aluminium castings market by region, 2011 (By volume)**



The transportation sector is the main end-use sector for aluminium castings, accounting for a share of 75% of the total market.

Source: Metal Bulletin Research

**Figure 2: Global aluminium castings market by end-use sectors, 2011 (%)**



The global demand for aluminium castings over the next 5 years is expected to strongly grow. Sustained growth in the transportation sector is expected to drive the demand for aluminium castings in the years ahead.

Source: Metal Bulletin Research

## Who should purchase this study?

### ● President, CEO, Managing Director

The study provides information on the castings industry that aids in providing policy directions to the company's operations in the coming decade.

### ● Marketing, Sales

The study provides a trend over the recent years as well as forecast for the next 10 years thus acting as a guide to marketing professionals for understanding the trend in the industry. The study can also be used as a tool to reiterate the importance of aluminium castings to the end-use segment.

### ● Analyst, Consultant, Engineer

The study helps in analysing the market across end-use sectors and regions.

### ● Purchasing

The study aids the purchase team of aluminium downstream companies to plan sourcing of raw materials.

### ● Business Development Head

For investigating the business opportunities across end-use sector and across geographic regions.

## Biographies of authors

### Brian Levich – Head of Research

In the past 10 years Brian has covered the global metals and mining sectors in detail. He has written numerous major reports and has done extensive consultancy and market research work for a number of major metal producers and consumers as well as for financial institutions. He holds an MA with Distinction in Economics.

### Shanker Gopalkrishnan – Principal Consultant

Shanker Gopalkrishnan began his career in the aluminium industry in India and now has significant experience in consulting for the aluminium industry, both in India and abroad.

Shanker has a strong consultancy background in the dynamics of global aluminium castings, thanks to the research and consulting assignments he has conducted over the last decade.

Mr. Gopalkrishnan holds a BSc degree from St. Xavier's College, University of Mumbai and an MBA from the Indian Institute of Management Calcutta, India.

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