Global Coal Mining Industry 2015-2019

Description: Overview of the coal mining industry

Technavios research analyst predicts the global coal mining industry to grow steadily at a rate of 2%, in terms of consumption, during the forecast period. The coal consumption in China is expected to account for three-fifth of demand during the forecast period. The global demand for high-quality coal is the primary driver for this industry. The coal quality is dependent on calorific value as well as its sulphur and ash content. When the calorific value is high, a lesser quantity of coal is required to generate energy, resulting in less global CO2 emissions per unit of coal.

However, the environmental impact of the production and consumption of coal is expected to deter the market growth during the forecast period. The most significant impact is acid mine drainage, where acid run-off is formed through a chemical reaction between sulfur-bearing rocks and water, and contaminates river water.

Segmentation by mining technology and analysis of the coal mining industry

Surface mining
Underground mining

Surface mining is further classified as strip mining, auger mining, open-pit mining, and mountain removal mining. Underground mining is further classified as room and pillar and longwall mining.

Segmentation by end user and analysis of the coal mining industry

Thermal power generation
Steel manufacturing
Cement manufacturing
Heating

The thermal power segment accounted for 62% of the market share during 2014 and is predicted to dominate the end user market until the end of 2019. As coal is used as a primary fuel resource globally for power generation, its demand in the thermal power generation market is expected to grow during the forecast period.

Segmentation by type and analysis of the coal mining industry

Lignite
Sub-bituminous
Bituminous
Anthracite

The bituminous segment accounted for 52% of the coal mining market during 2014. It is mostly found in the US and accounts for more than 50% of the reserve in the region. It is most commonly used in electric power generation in the US. It has a higher heating value compared to lignite and sub-bituminous coal, but lesser than anthracite.

Geographical segmentation and analysis of the global coal mining industry

China
India
US
ROW

Technavios analysts expect China to dominate the global coal mining industry with a market share of around 48% during the forecast period. The transformation of China from an investment-led to a consumption-driven economy is driving the growth of the coal mining industry in this region. The Chinese market is
expected to witness export of steel manufacturing materials like metallurgical coal and iron ore during the forecast period.

Competitive landscape and key vendors

The coal mining market is highly fragmented with a handful of globally organized market players. APAC has a high degree of consolidation, with the leading suppliers in this region accounting for a significant share of the market. In other regions such as North America, the level of consolidation is moderate, while Europe has a small degree of consolidation, with a number of vendors operating in these markets.

The leading vendors in the market are -

- Arch Coal
- China Coal
- Coal India
- Datong Coal
- Peabody Energy
- Shenhua

Other prominent vendors in the market include Anglo American, BHP Billiton, and Shaanxi Coal.

Key questions answered in the report include:

- What will the market size and the growth rate be in 2019?
- What are the key factors driving the global coal mining industry?
- What are the key market trends impacting the growth of the coal mining industry?
- What are the challenges to market growth?
- Who are the key vendors in this market space?
- What are the market opportunities and threats faced by the vendors in the global coal mining industry?
- What are the key outcomes of the five forces analysis of the coal mining industry?

Related reports:

- Global Mining Equipment Market 2015-2019
- Mining Ventilation System Market in China 2015-2019
- Mining Equipment Market in the US 2015-2019
- Global Mining Truck Market 2015-2019
- Mining Equipment Market in the APAC Region 2015-2019

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