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
Trending factors influencing the market shares of the China, India, US, and ROW
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

Contents:

PART 01: Executive summary
- Highlights

PART 02: Scope of the report
- Market overview

PART 03: Market research methodology
- Research methodology
- Economic indicators

PART 04: Introduction
- Key market highlights

PART 05: Market landscape
- Market overview
- Market size and forecast by consumption
- Market size and forecast by production
- World coal reserves
- Global coal producers, exporters, and importers

PART 06: Market segmentation by mining technologies
- Coal mining technologies segmentation
PART 07: Market segmentation by end-use
- End-use segmentation
- Coal market in thermal power generation
- Coal market in steel manufacturing
- Coal market in cement manufacturing
- Coal market in heating
- Coal market in other uses

PART 08: Market segmentation by types
- Type segmentation

PART 09: Regional analysis
- Regional segmentation
- Coal mining market in China
- Coal mining market in US
- Coal mining market in India
- Coal mining market in ROW

PART 10: Market drivers

PART 11: Impact of drivers

PART 12: Market challenges

PART 13: Impact of drivers and challenges

PART 14: Market trends

PART 15: Vendor landscape
- Competitive scenario
- Degree of consolidation
- Leading vendors
- Other key vendors

PART 16: Key vendor analysis
- Arch Coal
- China Coal
- China Shenhua
- CIL
- Datong Coal
- Peabody

PART 17: Appendix
List of abbreviations

PART 18: About the Author

List of Exhibits
Exhibit 01: Global coal mining market
Exhibit 02: Global coal mining market by consumption 2014-2019 (billion tons)
Exhibit 03: Global coal mining market by production 2014-2019 (billion tons)
Exhibit 04: World coal reserves (billion tons)
Exhibit 05: Global coal producer, exporters, and importers
Exhibit 06: Coal mining by technology
Exhibit 07: End-use segmentation of coal
Exhibit 08: Segmentation of global coal mining market by end-use 2014
Exhibit 09: Segmentation of global coal mining market by end-use 2019
Exhibit 10: Coal market in thermal power generation (billion tons)
Exhibit 11: Coal market in steel manufacturing (million tons)
Exhibit 12: Coal market in cement manufacturing (million tons)
Exhibit 13: Coal market in heating (million tons)
Exhibit 14: Coal market in other uses (billions tons)
Exhibit 15: Types of coal
Exhibit 16: Global coal mining market by types
Exhibit 17: Segmentation of global coal mining market by geography 2014
Exhibit 18: Segmentation of global coal mining market by geography 2019
Exhibit 19: Coal mining market in China 2014-2019 (billion tons)
Exhibit 20: Coal mining market in US 2014-2019 (million tons)
Exhibit 21: Coal mining market in India 2014-2019 (million tons)
Exhibit 22: Coal mining market in ROW 2014-2019 (billion tons)
Exhibit 23: Carbon emission (tons per MWh of electricity), sulphur content (% of coal content) and ash content (% of coal content)
Exhibit 24: Impact of drivers
Exhibit 25: Impact of drivers and challenges
Exhibit 26: Electricity sector: CO2 emissions abatement potential
Exhibit 27: Global coal mining market: Degree of consolidation by region 2014
Exhibit 28: Arch Coal: Business segmentation by revenue 2014
Exhibit 29: Arch Coal: Business segmentation by revenue 2013 and 2014 ($ millions)
Exhibit 30: China Coal: Business segmentation by revenue 2014
Exhibit 31: China Coal: Business segmentation by revenue 2013 and 2014 ($ millions)
Exhibit 32: China Coal: Geographical segmentation by revenue 2014
Exhibit 33: China Shenhua: Business segmentation by revenue 2014
Exhibit 34: China Shenhua: Business segmentation by revenue 2013 and 2014 ($ billions)
Exhibit 35: China Shenhua: Geographical segmentation by revenue 2014
Exhibit 36: Datong Coal: Business segmentation by revenue 2014
Exhibit 37: Datong Coal: Business segmentation by revenue 2013 and 2014 ($ millions)
Exhibit 38: Datong Coal: Products by revenue 2014
Exhibit 39: Peabody: Business segmentation by revenue 2014
Exhibit 40: Peabody: Business segmentation by revenue 2013 and 2014 ($ billion)
Exhibit 41: Peabody: Geographical segmentation by revenue 2014

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