

Regional Benchmarking of Coal Industry 2011-2020: BRIC Countries and US, February 2012

https://marketpublishers.com/r/RF11106087AEN.html

Date: February 2012

Pages: 161

Price: US\$ 2,900.00 (Single User License)

ID: RF11106087AEN

Abstracts

According to this report, Brazil, Russia, India, and China (BRIC) play crucial roles in global economic development, climate change, and primary energy usage. Strong economic growth and low per capita energy consumption boosts these nations' use of primary energy. The BRIC countries are gradually increasing their share in global coal consumption, which rose from 36% in 2000 to 57% in 2010. Although environmental and safety issues are a major challenge for coal industry in BRIC countries and the US, coal consumption is expected to reach 7792 million tons by 2020.

Brazil, Russia, India, and China (BRIC) play crucial roles in global economic development, climate change, and primary energy usage. Strong economic growth and low per capita energy consumption boosts these nations' use of primary energy. The BRIC countries are gradually increasing their share in global coal consumption, which rose from 36% in 2000 to 57% in 2010. Although environmental and safety issues are a major challenge for coal industry in BRIC countries and the US, coal consumption is expected to reach 7792 million tons by 2020.

Lucintel, a leading global management consulting and market research firm, analyzes the crude oil industry and presents its findings in its report, "Regional Benchmarking of Coal Industry 2011-2020: BRIC Countries and US."

Lucintel's research indicates that high economic growth is driving coal consumption in BRIC countries while technological growth is the major driver in the US. Technological development such as Coal to Liquid Technology (CTL), Carbon Capture and Storage (CCS), Integrated Gasification Combined Cycle etc. will boost the demand of coal in near future. Increase in international oil prices is forcing these countries to explore alternative sources of energy.



China is expected to be the leading coal consuming country by 2020 followed by India, the US and Russia but the coal consumption growth rate of India is expected to be the highest among the BRIC nations and the US. In 2020 coal would be still be at the lower end of Brazil's energy consumption mix. China is likely to be the best coal sector investment destination, with Brazil the least attractive.

Lucintel's research report provides an in-depth analysis of the coal industry of BRIC countries and the US. The report details industry drivers and challenges; trend scenario for 2000-2010 and both historical and forecast statistics for 2000-2020 for coal demand and supply. In addition the report provides industry structure, supply chain analysis, price and diamond analysis of coal industries as well as policies and resource potential of BRIC countries and the US.

Information, insights, and tools needed to identify new growth opportunities and operate successfully in this market. This report is likely to save hundreds of hours of personal research time and is estimated to significantly help to expand your business in this market. In today's unstable economy, you need every advantage to keep ahead in your business.

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 "Regional Benchmarking of Coal Industry 2011-2020: BRIC Countries and US" include these:

Coal energy industry trend and forecast in terms of volume shipment

Porter's Five Forces analysis of coal industry of BRIC countries and US

Demand of coal energy of BRIC countries and US in different growth scenario

Major growth drivers and challenges for coal energy industry structure of BRIC countries and US

Regional analysis of coal industry (BRIC countries and US)



Regional benchmarking of coal industry for BRIC countries and US

Trend and forecast of coal energy industry by demand and by supply, by consumption and by production for BRIC countries and US

Insight about the government polices in the BRIC countries and US

More than 93 figures/charts and 10 tables are provided in this roughly 161 page report



Contents

- 1. EXECUTIVE SUMMARY
- 2. MACROECONOMIC OVERVIEW
- 3. OVERVIEW OF PRIMARY ENERGY CONSUMPTION
- 3.1: Primary energy consumption of BRIC countries and US
- 3.2: Role of coal in energy mix of BRIC countries and US

4. STRUCTURE AND ANALYSIS OF COAL INDUSTRY FOR BRIC COUNTRIES AND US

- 4.1: Coal industry structure of BRIC countries and US
- 4.2: Porter's Five Forces Analysis of coal industry of BRIC countries and US
 - 4.2.1: Porter's Five Forces Analysis of Brazil's coal industry
 - 4.2.2: Porter's Five Forces Analysis of Russia's coal industry
 - 4.2.3: Porter's Five Forces Analysis of India's coal industry
 - 4.2.4: Porter's Five Forces Analysis of China's coal industry
 - 4.2.5: Porter's Five Forces Analysis of the US coal industry
- 4.3: Supply chain analysis of coal energy industry
- 4.4: Growth drivers of coal industry in BRIC Countries and US
 - 4.4.1: Demand from steel industry
 - 4.4.2: Demand from cement sector
 - 4.4.3: Demand from power sector
 - 4.4.4: Geographic position
 - 4.4.5: Growing Asian markets
 - 4.4.6: Technology development
 - 4.4.7: Low-cost energy source
- 4.5: Challenges of coal industry in BRIC countries and the US
 - 4.5.1: Inefficient pricing policy
 - 4.5.2: Insufficient finance for coal exploration
 - 4.5.3: Transportation
 - 4.5.4: Environmental issues, mine safety, and rehabilitation
 - 4.5.5: Naxal problem

5. REGIONAL BENCHMARKING OF COAL INDUSTRY FOR BRIC COUNTRIES AND US



- 5.1: Coal reserves of BRIC countries and US
- 5.2: Potential versus penetration of coal industry in BRIC countries and US
- 5.3: Role of BRIC Countries in global coal supply and demand
 - 5.3.1: Impact of BRIC countries in the world coal supply
 - 5.3.2: Impact of BRIC countries in the world coal demand
- 5.4: Benchmarking of coal demand by BRIC countries and US
- 5.5: Benchmarking of coal supply in BRIC countries and US
- 5.6: Coal dependence of BRIC Countries and US
 - 5.6.1: Coal deficit and surplus scenario of BRIC countries and US
- 5.7: Net coal importing country by 2020
- 5.8: Diamond analysis of coal industry of BRIC countries and the US
 - 5.8.1: Factor conditions
 - 5.8.2: Coal reserves
 - 5.8.3: Infrastructure
 - 5.8.4: Technology availability
 - 5.8.5: Skilled labor
- 5.9: Demand conditions
- 5.10: Relative and supportive industries of coal for BRIC countries and the US
- 5.11: Strategy, structure, rivalry of coal industry for BRIC countries and US
- 5.12: Government
- 5.13: Opportunity

6. ECONOMIC IMPACT AND COST-EFFECTIVENESS ANALYSIS OF COAL ENERGY MARKET

- 6.1: Impact of GDP growth on coal consumption in BRIC countries and the US
- 6.2: Analysis of oil, gas, and coal prices

7. INVESTMENT ATTRACTIVENESS ANALYSIS OF COAL INDUSTRY OF BRIC COUNTRIES AND US

- 7.1: Coal industry life cycle stage in BRIC countries and US
- 7.2: Coal energy growth matrix of BRIC countries and US
- 7.3: Business opportunities for coal industry in BRIC countries and US

8. TREND AND FORECAST OF COAL INDUSTRY OF BRIC COUNTRIES AND US

8.1: Trend of coal industry of BRIC countries and US



- 8.1.1: Trend of coal production in BRIC countries and US
- 8.1.2: Trend of coal consumption in BRIC countries and US
- 8.2: Trend of sectoral coal consumption of BRIC countries and US
- 8.3: Forecast of coal demand and supply of BRIC countries and US
 - 8.3.1: Forecast of coal demand in BRIC countries and US
 - 8.3.2: Forecast of coal supply in BRIC countries and US
- 8.4: Scenario analysis of coal consumption in BRIC countries and US

9. EMERGING TRENDS AND OUTLOOK

- 9.1: Technological developments in coal industry
 - 9.1.1: Carbon Capture and Storage (CCS)
 - 9.1.2: Coal to Liquid Conversion (CLC)
- 9.2: Outlook



List Of Figures

LIST OF FIGURES

	Chapt	er 2:	Macroec	onomic (Overview	of BRIC	Countries	and US
--	-------	-------	---------	----------	----------	---------	-----------	--------

- Figure 2.1: World GDP growth rate
- Figure 2.2: GDP growth rate of Brazil
- Figure 2.3: Index of industrial production of Brazil
- Figure 2.4: Current account balance of Brazil
- Figure 2.5: Brazil imports and exports of coal as percentage of GDP
- Figure 2.6: Brazil imports and exports of oil as percentage of GDP
- Figure 2.7: Sectoral contributions to Brazil's GDP in 2000, 2005, 2010
- Figure 2.8: Foreign exchange reserves of Brazil
- Figure 2.9: Exchange rate of Brazilian currency (reals/dollar)
- Figure 2.10: Working-age population structure of Brazil (in percent)
- Figure 2.11: GDP growth rate of Russia
- Figure 2.12: Index of industrial production of Russia
- Figure 2.13: Current account balance of Russia
- Figure 2.14: Russia's exports and imports of coal as percentage of GDP
- Figure 2.15: Russia's exports and imports of oil as percentage of GDP
- Figure 2.16: Sectoral contributions to Russia's GDP in 2000, 2005, 2010
- Figure 2.17: Exchange rate of Russian currency (ruble/dollar)
- Figure 2.18: Foreign exchange reserves of Russia
- Figure 2.19: Working-age population structure of Russia
- Figure 2.20: GDP growth rate of India
- Figure 2.21: Index of industrial production of India
- Figure 2.22: Current account balance of India
- Figure 2.23: Foreign exchange reserves of India
- Figure 2.24: India's imports and exports of coal as percentage of GDP
- Figure 2.25: India's imports and exports of oil as percentage of GDP
- Figure 2.26: Sectoral contributions to India's GDP in 2000, 2005, 2010
- Figure 2.27: Exchange rate of Indian currency (rupees/dollar)
- Figure 2.28: Working-age population structure of India
- Figure 2.29: GDP growth rate of China
- Figure 2.30: Index of industrial production of China
- Figure 2.31: Current account balance of China
- Figure 2.32: Foreign exchange reserves of China
- Figure 2.33: China export and import of coal as percentage of GDP
- Figure 2.34: China export and import of oil as percentage of GDP



- Figure 2.35: Sectoral contributions to China's GDP in 2000, 2005, 2010
- Figure 2.36: Exchange rate of Chinese yuan with US dollar
- Figure 2.37: Working-age population structure of China
- Figure 2.38: GDP growth rate of the US
- Figure 2.39: Industrial production index of US
- Figure 2.40: Current account balance of US
- Figure 2.41: Foreign exchange reserves of US
- Figure 2.42: US coal exports and imports as percentage of GDP
- Figure 2.43: US oil exports and imports as percentage of GDP
- Figure 2.44: Sectoral contributions to US GDP in 2000, 2005, 2010
- Figure 2.45: Working-age population structure of US
- Chapter 3: Overview of Primary Energy Consumption
- Figure 3.1: Global primary consumption in 2010
- Figure 3.2: Global primary energy mix in 2010
- Figure 3.3: BRIC countries and US primary energy consumption in 2010
- Figure 3.4: Energy mix of BRIC countries and US
- Chapter 4: Structure and Analysis of Coal Industry of BRIC Countries and US
 - Figure 4.1: World coal production in 2010
 - Figure 4.2: World coal consumption in 2010
 - Figure 4.3: Porter's Five Forces analysis of Brazil's coal industry
- Figure 4.4: Porter's Five Forces analysis of Russia's coal industry
- Figure 4.5: Porter's Five Forces analysis of India's coal industry
- Figure 4.6: Porter's Five Forces analysis of China's coal industry
- Figure 4.7: Porter's Five Forces analysis of the US coal industry
- Figure 4.8: Economics of power generation by fuel
- Chapter 5: Regional Benchmarking of Coal Industry for BRIC Countries and US
- Figure 5.1: Coal reserves of BRIC countries and US: 2009
- Figure 5.2: Potential versus penetration of coal industry in BRIC countries and US
- Figure 5.3: Role of BRIC countries in global GDP
- Figure 5.4: Role of BRIC countries in global coal supply
- Figure 5.5: Role of BRIC countries in global coal demand
- Figure 5.6: Change in share of coal consumption of BRIC countries and US:
- 2000-2010
 - Figure 5.7: Coal demand by BRIC countries: 2010–2020
 - Figure 5.8: Change in share of coal production of BRIC countries and US: 2010–2020
 - Figure 5.9: Coal supply by BRIC countries: 2010–2020
 - Figure 5.10: Coal deficit/surplus scenario (production based): 2010
 - Figure 5.11: Coal deficit/surplus scenario (consumption based):2010
 - Figure 5.12: Net coal importing countries by 2020



- Figure 5.13: Diamond model of coal industry
- Figure 5.14: Factor conditions of coal industry of BRIC countries and US
- Figure 5.15: Demand conditions of coal industry of BRIC countries and US
- Figure 5.16: Strategy, structure, rivalry of coal industry for BRIC countries and US
- Chapter 6: Economic Impact and Cost-Effectiveness Analysis of Coal Energy Market
- Figure 6.1: Impact of GDP growth on coal consumption (2005–2010)
- Figure 6.2: Growth in coal consumption and GDP of BRIC countries and US: 2020
- Figure 6.3: Trend of coal, oil, and gas prices
- Chapter 7: Investment Attractiveness Analysis of Coal Industry of BRIC Countries and US
- Figure 7.1: Life cycle stage of coal industry in BRIC countries and US
- Figure 7.2: Coal industry growth matrixes of BRIC countries and US
- Figure 7.3: Investment attractiveness analyses of BRIC countries and US
- Chapter 8: Trend and Forecast of Coal Industry of BRIC Countries and US
 - Figure 8.1: Trend of coal Industry of BRIC countries and US: 2005-2010
 - Figure 8.2: Trend of coal production of BRIC countries and US
 - Figure 8.3: Trend of coal consumption of BRIC countries and US
 - Figure 8.4: Sectoral coal consumption of Brazil
 - Figure 8.5: Sectoral coal consumption of Russia
 - Figure 8.6: Sectoral coal consumption of India
 - Figure 8.7: Sectoral coal consumption of China
- Figure 8.8: Sectoral coal consumption of the US
- Figure 8.9: Forecast of coal industry of BRIC countries and US
- Figure 8.10: Forecast of coal demands of BRIC countries and US: 2011–2020
- Figure 8.11: Forecast of coal supply of BRIC countries and US: 2011–2020
- Figure 8.12: Pessimistic scenario forecast of BRIC and US coal consumption
- Figure 8.13: Normal scenario forecast of BRIC and US coal consumption
- Figure 8.14: Optimistic scenario forecast of BRIC and US coal consumption



List Of Tables

LIST OF TABLES

- Table 1.1: Summary of coal industry parameters of BRIC countries and the US
- Table 4.1: Industry structure of BRIC countries and the US
- Table 4.2: Supply chain of coal industry in BRIC countries and the US
- Table 5.1: Coal energy indicators of BRIC countries and the US
- Table 5.2: Factor condition of coal industry of BRIC countries and the US
- Table 5.3: Coal reserve and R/P ratio of BRIC countries and the US
- Table 5.4: Demand conditions of coal industry of BRIC countries and the US
- Table 7.1: Business ease indicators of coal industries of BRIC and the US
- Table 7.2: Investment attractiveness indicators of coal industry of BRIC countries and the US
- Table 8.1: GDP growth in different scenarios



I would like to order

Product name: Regional Benchmarking of Coal Industry 2011-2020: BRIC Countries and US, February

2012

Product link: https://marketpublishers.com/r/RF11106087AEN.html

Price: US\$ 2,900.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer

Service:

info@marketpublishers.com

Payment

First name:

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/RF11106087AEN.html

To pay by Wire Transfer, please, fill in your contact details in the form below:

Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at https://marketpublishers.com/docs/terms.html

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970

