

# Coal Bed Methane (CBM) Market Report by Type (CBM Wells, Coal Mines), Technology (Horizontal Drilling, Hydraulic Fracturing, CO2 Sequestration), Application (Power Generation, Residential, Commercial, Industrial, Transportation), and Region 2024-2032

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## Abstracts

The global coal bed methane (CBM) market size reached US\$ 19.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 29.2 Billion by 2032, exhibiting a growth rate (CAGR) of 4.3% during 2024-2032.

Coal bed methane (CBM) is a natural, colorless, and odorless hydrocarbon gas, which is absorbed into the solid matrix of the coal. It is obtained from unconventional gas reservoirs by transforming plant material into coal. Its extraction process usually involves minimal risk of explosion hazards in underground coal mines. As a result, it is used as an alternative source of energy in gas turbines for power generation worldwide.

### Coal Bed Methane (CBM) Market Trends:

A considerable surge in electricity consumption around the world due to improving income levels and increasing construction of residential homes represents one of the key factors bolstering the growth of the market. This can also be attributed to the growing electrification of heat and buildings and the escalating demand for digitally connected devices. Moreover, the rising adoption of cost-effective and green fuels on account of increasing environmental concerns and stringent government policies on greenhouse gas (GHG) emissions is driving the demand for CBM across the globe. CBM can be converted into diesel, gasoline, or compressed natural gas (CNG), which are commonly used as biofuels in automobiles. Apart from this, CBM is utilized in the production of methanol that finds diverse applications in wastewater treatment and the chemical industry. Furthermore, the escalating usage of CBM as a feedstock for

manufacturing fertilizers and plastics is providing lucrative opportunities to manufacturers for expanding their consumer base in the agriculture industry. Besides this, the rising need for clean-burning fuels is further influencing the adoption of CBM in industrial applications, such as cement production, rolling mills, and steel plants, which is projected to strengthen the market growth in the coming years.

#### Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global coal bed methane (CBM) market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on type, technology and application.

#### Breakup by Type:

- CBM Wells
- Coal Mines

#### Breakup by Technology:

- Horizontal Drilling
- Hydraulic Fracturing
- CO2 Sequestration

#### Breakup by Application:

- Power Generation
- Residential
- Commercial
- Industrial
- Transportation

#### Breakup by Region:

- North America
  - United States
  - Canada
- Asia-Pacific
  - China
  - Japan

India  
South Korea  
Australia  
Indonesia  
Others  
Europe  
Germany  
France  
United Kingdom  
Italy  
Spain  
Russia  
Others  
Latin America  
Brazil  
Mexico  
Others  
Middle East and Africa

#### Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Arrow Energy Holdings Pty Ltd., Baker Hughes Company, BP PLC, Essar Group, G3 Exploration, Halliburton Company, Petroliam Nasional Berhad (PETRONAS), Reliance Industries Limited, Royal Dutch Shell plc, Santos Limited and The ConocoPhillips Company.

#### Key Questions Answered in This Report

1. How big is the global Coal Bed Methane (CBM) market?
2. What is the expected growth rate of the global Coal Bed Methane (CBM) market during 2024-2032?
3. What are the key factors driving the global Coal Bed Methane (CBM) market?
4. What has been the impact of COVID-19 on the global Coal Bed Methane (CBM) market?
5. What is the breakup of the global Coal Bed Methane (CBM) market based on the type?
6. What is the breakup of the global Coal Bed Methane (CBM) market based on the technology?
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application?

8. What are the key regions in the global Coal Bed Methane (CBM) market?

9. Who are the key players/companies in the global Coal Bed Methane (CBM) market?

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