

# Environmental Impact and Economic Potential: Shale Gas Market Insights for 2030

*Energy Game-Changer: Shale Gas Market Forecasts Booming Growth Through 2030*

WILMINGTON, DELAWARE, UNITED STATES, December 11, 2023

/EINPresswire.com/ -- Shale gas is a natural gas extracted from shale rock formations through hydraulic fracturing. It has transformed the energy landscape, offering a cleaner alternative to traditional fossil fuels. Shale gas reserves, found globally, contribute significantly to energy security. The extraction process involves injecting water, sand, and chemicals into the shale formations, releasing trapped gas. While hailed for its abundant supply and lower carbon footprint, shale gas extraction raises environmental concerns due to water usage and potential groundwater contamination. The industry continually evolves with technological advancements, shaping the future of energy production.

Shale gas reserves, found globally, contribute significantly to energy security. The extraction process involves injecting water, sand, and chemicals into the shale formations, releasing trapped gas.

While hailed for its abundant supply and lower carbon footprint, shale gas extraction raises environmental concerns due to water usage and potential groundwater contamination. The industry continually evolves with technological advancements, shaping the future of energy production.

“

Shale gas undergoes an environmental evolution, with emerging technologies like horizontal drilling shaping the global market's future trends.”

*Allied Market Research*

The global [Shale Gas market](#) size was valued at \$57.2 billion in 2020 and is projected to reach \$130.3 billion by 2030, growing at a CAGR of 8.5% from 2021 to 2030.

□□□□□□□□ □□□□□□□□ □□□□□□ □□□□□□:

<https://www.alliedmarketresearch.com/request-sample/457>



The graphic features a photograph of an oil drilling rig in a green field under a blue sky. To the right of the image, the text reads: "Global SHALE GAS Market", "Opportunity Analysis and Industry Forecast, 2021-2030", "Global Shale Gas Market is projected to reach \$130.3 Billion by 2030.", and "Growing at a CAGR of 8.5% from 2020 to 2030." The Allied Market Research logo is also present.

Shale Gas Market Analysis

Shale gas refers to natural gas that is trapped within shale formations. Shales are fine-grained sedimentary rocks that can be rich sources of petroleum and natural gas. The combination of two production techniques horizontal drilling and hydraulic fracturing has allowed access to large volumes of shale gas, which were previously uneconomical to produce. The production of natural gas from shale formations has rejuvenated the natural gas industry in the U.S. Shale gas is trapped within the pores of this sedimentary rock. Gas is normally stored in three ways in gas

shale, which include free gas, adsorbed gas, and dissolved gas. The gas stored within the rock pores and natural fractures is known as free gas and the gas that is adsorbed on organic materials and clay is known as adsorbed gas.

Moreover, the gas dissolved in the organic materials is known as dissolved gas. Gas shale is the name given to a shale gas reservoir (play). Shale gas reservoirs are spread over large areas up to 500 m. They are characterized by low production rates. Shale gas reservoirs are fine-grained and rich in organic carbon content which signifies large gas reserves. There are disparities in lithology in gas shales which point toward the fact that natural gas is stored in the reservoir in a broad array of lithology & textures such as non-fissile shale, siltstone, and fine-grained sandstone (not only shale). Often, shale laminations or beds are interbedded in siltstone- or sandstone-dominant basins.

For more information, visit <https://www.alliedmarketresearch.com/request-for-customization/457>

Key market players:

The Shale Gas industry's key market players adopt various strategies such as product launch, product development, collaboration, partnership, and agreements to influence the market. It includes details about the key players in the market's strengths, product portfolio, market size and share analysis, operational results, and market positioning.

Key market players include:

- Southwestern Energy Company
- EQT Corporation
- Equinor ASA
- Repsol SA
- SINOPEC/Shs
- Chesapeake Energy Corporation
- Royal Dutch Shell PLC
- Exxon Mobil Corporation
- Chevron Corporation
- PETROCHINA/Shs

The shale gas market trends are segmented based on technology, End-user, and region. Depending on technology, the market is categorized into Vertical fracking, Horizontal fracking, and Rotary fracking. Based on End-user, it is classified into residential, commercial, industrial, power generation, and transportation. Region-wise, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

For more information, visit <https://www.alliedmarketresearch.com/purchase-enquiry/457>

□□□ □□□□□□□□ □□ □□□ □□□□□:

- Based on technology, the vertical fracking segment emerged as the global leader in 2020 and is anticipated to be the largest market during the forecast period.
- On the basis of End-users, the power generation segment emerged as the global leader in 2020 and is anticipated to be the largest market during the forecast period.
- On the basis of region, North America registered the highest market share and is projected to maintain the same during the forecast period.

□□□□□□□□ □□□□□□□□ □□ □□□□□□ □□□ □□□□□ □□□□□□□□□:

□. □□□□□ □□□□□□□□ □□□□□□ - <https://www.prnewswire.com/news-releases/shale-shakers-market-to-reach-2-8-billion-globally-by-2031-at-5-9-cagr-allied-market-research-301753071.html>

□. □□□ □□□□□ □□□□□□□ - <https://www.globenewswire.com/news-release/2022/06/13/2461097/0/en/Oil-Shale-Market-Is-Expected-to-Reach-5-9-Billion-by-2030-Allied-Market-Research.html>

□□□□□ □□:

Allied Market Research is a top provider of market intelligence that offers reports from leading technology publishers. Our in-depth market assessments in our research reports take into account significant technological advancements in the sector. In addition to other areas of expertise, AMR focuses on the analysis of high-tech systems and advanced production systems. We have a team of experts who compile thorough research reports and actively advise leading businesses to enhance their current procedures. Our experts have a wealth of knowledge on the topics they cover. Also, they use a variety of tools and techniques when gathering and analyzing data, including patented data sources.

David Correa  
Allied Analytics LLP  
+1 800-792-5285  
[email us here](#)

Visit us on social media:

- [Facebook](#)
- [Twitter](#)
- [LinkedIn](#)

---

This press release can be viewed online at: <https://www.einpresswire.com/article/674270207>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire,

Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2023 Newsmatics Inc. All Right Reserved.