

Middle East Oil & Gas Pipeline Market By Type (Crude Oil Pipeline, Natural Gas Pipeline), By Application (Onshore and Offshore), By Source (Upstream, Midstream, Downstream), By Country, Competition, Forecast and Opportunities, 2028

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Abstracts

Middle East Oil & Gas Pipeline Market is anticipated to grow at a steady pace in the forecast period, 2024-2028. The market is anticipated to be driven by rising investments, expanding gas infrastructure development, and expanding desalination plant capacity over the forecast period. Furthermore, the Middle Eastern region produced 1,297.3 metric tons of crude oil in 2020, which made up 31.1% of the world's total production.

Pipelines are underground conduits used to distribute and transport fluids. Oil, oil byproducts, or natural gas are typically the fluids mentioned when discussing pipelines in an energy context. It will be necessary to use pipelines to carry hydrogen fuel if it is widely developed. Pipelines also transport other fluids, such as water. Steel or plastic tubes used to construct oil pipelines are often underground. Pump stations located along the pipelines move the oil through the pipes. Natural Gas Liquids are formed by pressurizing natural gas and other gaseous fuels (NGLs). Carbon steel is used in the construction of natural gas pipelines. Transporting hydrogen through a pipe is known as hydrogen pipeline transport. Because they are safer than roads or trains for moving supplies, pipelines are frequently the target of military attacks during conflicts.

Natural gas, natural gas liquids, and crude oil are transported across long distances, typically across continents, nations, and states, through pipes larger than 24 inches in diameter. These pipelines are used to transport goods from the production regions to distribution locations. Moreover, they function between 200 and 1200 pounds per

square inch at a very high temperature. Transmission pipelines can be up to 42 inches in diameter.

Increasing demand for crude oil and natural gas in developing countries fueling the market growth

To meet this predicted rise in demand, production, and commerce, the Middle East plays a crucial role. The region is anticipated to raise its production share from 30% of the predicted global oil output now to 40% in 2025. Due to this, its share of the anticipated 70 million barrels per day world oil trade in 2025 will rise to 50%. Likewise, it is anticipated that by that time, the region will account for 30% of all worldwide natural gas trading, having already doubled its current share. This supply outlook will undoubtedly be influenced by the various uncertainties surrounding energy policies and the advancement of alternative energy sources and technology, such as efforts to transition to a hydrogen economy, subsidized renewables like biofuels, and the increased market penetration of hybrid vehicles. This atmosphere of unpredictability is exacerbated by geopolitical concerns and prejudice towards Middle Eastern energy imports in some nations. With a combined capacity of 800,000 barrels per day, there has been construction of two grassroots refinery joint ventures, one on each of Saudi Arabia's Red Sea and Gulf Coasts. Additionally, there has been expansion and renovation of in-Kingdom refineries to increase capacity by around 200,000 barrels per day. These intend to begin production at a rate of 2.35 million barrels per day from seven locations. A net increase of 1.5 million barrels per day will be achieved, 1.1 million of which will be Arab Light quality. Arab Extra and Arab Super Light crudes will be the last to be used. The remaining modifications enhance existing capabilities, including making up for deterioration caused by nature. A further USD 2 billion is reportedly spent annually to maintain capacity and counteract natural decline in addition to these investments.

Growing technological advancements in the oil & gas

New technology in the oil and natural gas industries have made it feasible for the 'Shale Revolution' in Middle Eastern production expansion, which has resulted in a rise in output. Producers can now access oil and gas deposits from low-permeability geological strata that were previously too expensive to extract by combining hydraulic fracturing with horizontal drilling. The three primary categories of tertiary production processes are thermodynamic, chemical, and gas injection techniques. The most widely used of the three methods involves the use of gas and involves the displacement of any remaining hydrocarbons from tightly bound geological pores as well as the liquefaction of massive

quantities of highly compressed CO₂ into existing oil reserves in order to loosen the rock. The vast majority of oil and gas companies are currently employing this method on land. They enhance pressure in deposits' hidden fissures using cutting-edge technologies to find these previously unreachable riches.

Growth of the industries with shale gas reserves

The market for Oil & Gas Pipeline is expected to be driven in the future years by the increase in demand for shale gas and the great potential of several unexplored gas and oil deposits throughout the world. The industry outlook is expected to improve in the future due to the increased focus on exploration and production activities in region with abundant shale gas deposits.

Increasing use of gas pipelines in residential as well as commercial applications

Natural gas is now being used by sectors like power generation, manufacturing, residential, commercial, and chemical plants, which is expected to hasten the expansion of the Oil & Gas Pipeline market. The need for gas pipeline infrastructure is anticipated to increase throughout the forecast period as governments around the world enforce tough rules to reduce GHG emissions. By linking gas sources to gas-consuming markets, gas pipeline infrastructure provides an efficient and secure way to transfer natural gas. The structure and growth of the gas market are governed by the grid of gas pipelines. To ensure enough supply and fair distribution of natural gas throughout the region, an interconnected National Gas Grid has been envisioned. Natural gas is used in the business sector to heat buildings and water, run refrigeration and cooling systems, cook, dry clothing, and provide outdoor lighting. Natural gas is sometimes used as a fuel in combined heat and power systems by some commercial consumers.

Market Segmentation

The Middle East Oil & Gas Pipeline Market is divided into Type, Application, Sector, Country and Competitive Landscape. Based on type, the market is divided into Crude Oil Pipeline and Natural Gas Pipeline. Based on Application, the market is divided into Onshore and Offshore. Based on Sector, the market is divided into Upstream, Midstream and Downstream. Based on country, the market is divided into Saudi Arabia, UAE, Qatar, Kuwait, Bahrain and Rest of Middle East.

Market Players

Major market players in the Middle East Oil & Gas Pipeline Market are Abu Dhabi Metal Pipes & Profiles Industries Complex LLC, Jindal SAW Ltd, ArcelorMittal, Arabian Pipes Company, Rezayat Group, EEW Group, Sumitomo Corporation, and Vallourec SA.

Report Scope:

In this report, the Middle East Oil & Gas Pipeline Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Middle East Oil & Gas Pipeline Market, By Type:

Crude Oil Pipeline

Natural Gas Pipeline

Middle East Oil & Gas Pipeline Market, By Application:

Offshore

Onshore

Middle East Oil & Gas Pipeline Market, By Sector:

Upstream

Midstream

Downstream

Middle East Oil & Gas Pipeline Market, By Country:

Saudi Arabia

UAE

Qatar

Kuwait

Bahrain

Rest of Middle East

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Middle East Oil & Gas Pipeline Market.

Available Customizations:

Tech Sci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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