



Market Analysis Report- Oil and Gas 2020

Mr Leonardo Franca,

Baker Hughes, Upstream Chemicals, Sugar Land, Texas, **Email:** leonardo.franca@bakerhughes.com

[Oil and Gas 2020](#) will keep abreast of all the latest developments – geopolitical, industrial and technological updates. Throughout the two-day conference, attendees will hear from International leaders on how technology is changing day-to-day business throughout the industry. It provides a unique platform for networking with peers and learning from speakers that are experts in [oil field technology](#).

Importance & Scope

Oil and Gas attains greater global significance as the world economy has been developing with oil as its lifeblood for over a hundred years. Oil is directly responsible for about 2.5% of world GDP, but accounts for 1/3rd of humanity's primary energy supply (>5 terawatts out of 15 terawatts total). It's over half if you include natural gas. Oil/gas powers 100% of all transportation, within a few significant figures of rounding error. There is no doubt in my mind whatsoever that modern civilization would collapse in a matter of months if oil stopped flowing. It is hard to imagine industrial operations or even private activities without oil and gas – anywhere in the world. Not only do they supply energy for heat and power, they are also found in everyday items, such as medicines, plastics, and clothing.

Target Audience

- Oil and Gas Industries
- Oil and Gas Associations
- Petroleum Industries
- Petroleum Chemistry Professors
- Oil and Gas Societies
- Petroleum Engineering Faculty
- Petrology Graduates

The impact of low oil prices on [global economies](#), market participants, and [the geopolitical landscape](#) is ushering in a new order for the industry – one of tightened spending and increased insecurity. The industry is also seeing mounting pressure to reduce air and water pollution and overall environmental footprint. Yet oil and natural gas will continue to fuel and power the world's economy for decades.

Analytics solution for the oil and gas industry helps to gain a universal view of the operations; helps to keep pace with vibrant markets, customer needs, and regulations. Oil and gas analytics software allows companies to understand the dependencies, objectives and meet the target by analyzing the complete project lifecycle. Moreover, improve operation and enhance productivity, examine supply chain performance and verify the root cause of production loss. These graphics software are being employed by businesses around the world to improve efficiencies of their business processes along with enhancing and innovating product design and features.

Market Growth of Oil and Gas Research in the last and upcoming ten years

The global [enhanced oil recovery](#) (EOR) market totaled nearly \$22.9 billion in 2016 and should total \$30.4 billion by 2021, with a five-year compound annual growth rate (CAGR) of 5.9% through 2021. The global market for industrial gases was valued at \$68.7 billion in 2015. The market is expected to grow from \$72.5 billion in 2017 to \$80.9 billion in 2020, a compound annual growth rate (CAGR) of 3.3% from 2015 to 2020. The global market for oilfield process chemicals should reach \$29.6 billion by 2021 from \$26.9 billion in 2016 at a compound annual growth rate (CAGR) of 2%, from 2016 to 2021. The global market for bioproducts should reach \$714.6 billion by 2021 from \$466.6 billion in 2016 at a compound annual growth rate (CAGR) of 8.9%, from 2016 to 2021.

Apart from the industrial personnel where most of the research work is done, other research communities include:

- Academicians include Student community.
- Researchers include Post docs, Research Associates.
- Scientists include Professors, Associate professors, and Assistant professor.
- Industries include Presidents, CEO's, and R&D Managers.

Market Report of Oil and Gas

- The reduction in the oil & gas price has led to downfall in the overall investment trend in the sector, as major oil & gas projects require huge capital investment. The price downfall made investor more concern towards enhancing the overall production profile rather than deploying huge investments into new projects.
- The global oil and gas automation market can be segmented on the basis of technology, sector, petroleum derivative products, and by geography.
- Based on technology, the oil & gas reservoir monitoring system market can be segmented into electrical downhole monitoring systems, fiber optic downhole monitoring systems, and wireless downhole communication monitoring systems.
- Oil industries and governments across the globe are investing in unconventional oil sources due to the increasing scarcity of conventional oil reserves.
- North America dominated the gas equipment market in 2015 and is projected to remain the market leader through 2021. The U.S. is the fastest growing country-level market, from 2016 to 2021. Asia-Pacific is the fastest growing region in the gas equipment market.