

# **Europe Oxy Fuel Combustion Technology Market Forecast to 2028 – COVID-19 Impact and Regional Analysis – by Offerings (Solution and Services) and End-User Industry (Oil & Gas, Power Generation, Manufacturing, Metal & Mining, and Others)**

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## **Abstracts**

The Europe oxy fuel combustion technology market is expected to grow from US\$ 143.93 million in 2022 to US\$ 271.19 million by 2028. It is estimated to grow at a CAGR of 11.1% from 2022 to 2028.

### **Increasing Government Initiatives to Reduce Air Pollution is Fueling Europe Oxy Fuel Combustion Technology Market**

Air pollution is one of the most severe health and environmental issues across the region. Many of the leading causes of death, such as heart disease, stroke, lower respiratory infections, lung cancer, diabetes, and chronic obstructive pulmonary disease, are linked to air pollution, which includes outdoor and indoor particulate matter and ozone. It is at the top of the list in low-income countries. According to the World Health Organization (WHO), in 2019, ambient air pollution caused millions of premature deaths, out of which 89% of premature deaths occurred in low and middle-income countries. Hence, air pollution is more prevalent in low- and middle-income countries. Several initiatives have been taken by local and federal government bodies across the region over the years to minimize hazardous industrial air disposal. Initiatives taken by the federal government bodies are influencing the industrial sector to implement technological solutions to reduce the emission of carbon dioxide and other greenhouse gases during their combustion process. Thus, the factors mentioned above contribute to the Europe oxy fuel combustion technology market growth.

## Europe Oxy Fuel Combustion Technology Market Overview

The oxy fuel combustion technology market in Europe is segmented into France, Germany, Russia, Italy, the UK, and the Rest of Europe. Western European countries are more advanced than the Nordic and other Eastern European countries. Therefore, there are more developments and advancements with respect to the adoption of new technologies in the western part of Europe. On the other hand, economically strong countries such as Germany, Italy, and the UK have witnessed significant growth in the implementation of oxy fuel combustion technology solutions. Although renewable energy is becoming prevalent, fossil fuels are expected to play a significant role in Europe in the short and medium term. CO<sub>2</sub> emissions from fossil fuel combustion in power generation account for roughly 30% of total CO<sub>2</sub> emissions in the European Union (EU). Furthermore, process industries such as cement, iron & steel, aluminum, pulp & paper, and refineries emit CO<sub>2</sub> because of raw material conversion. Carbon capture and storage (CCS) technologies seek to capture up to 90% of CO<sub>2</sub> emissions from power plants and heavy industries before transporting it by pipeline or ship and securely storing it at least 800 meters below the earth's surface.

Europe Oxy Fuel Combustion Technology Market Revenue and Forecast to 2028 (US\$ Million)

### Europe Oxy Fuel Combustion Technology Market Segmentation

The Europe oxy fuel combustion technology market is segmented based on offerings, end-user industries, and country.

Based on offerings, the Europe oxy fuel combustion technology market is segmented into solution and services. The solution segment held a larger share of Europe oxy fuel combustion technology market in 2022.

Based on end-user industry, the Europe oxy fuel combustion technology market is segmented into oil & gas, power generation, manufacturing, metal & mining, and others. The power generation segment held the largest share of Europe oxy fuel combustion technology market in 2022.

Based on country, the Europe oxy fuel combustion technology market has been categorized into the UK, Germany, France, Italy, Russia, and the Rest of Europe. Our regional analysis states that the UK dominated the Europe oxy fuel combustion technology market in 2022.

Air Liquide SA, Air Products & Chemicals Inc, ESA SpA, Falorni Gianfranco SRL, General Electric Co, HeidelbergCement AG, Hitachi Ltd, Jupiter Oxygen Corp, and Linde Plc are the leading companies operating in the Europe oxy fuel combustion technology market.

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