

Flue Gas Desulfurization - Global Market Outlook (2017-2026)

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Abstracts

According to Statistics MRC, the Global Flue Gas Desulfurization Market is accounted for \$ 19.80 billion in 2017 and expected to grow at a CAGR of 6.8% to reach \$35.98 billion by 2026. Environmental concerns, strong regulations on sulphur usage are the factors driving the market growth. Innovation of alternative and renewable sources of energy, waste disposal requirement and associated costs are hampering the market growth. Increasing Coal-Fired Plants in China and India provide opportunity for the market. The requirement of high energy for the flue gas desulfurization is a challenge. Increased demand for electricity in regions such as North America and Asia Pacific is expected to boost the market.

By Technology, Semi dry/dry Flue Gas Desulphurization is cost effective and compatible for limited water availability projects and utilities boilers using coal as fuel. The process of desulfurization is carried out in two stages and the key benefits in availing this process are reducing the occurrence of dust particles & better usage of sorbent.

By Application, Reagents & replacement is reagent are substance or compounds added to a system to cause a chemical reaction, or added to test if a reaction occurs. The reagent is injected in the flue gas in a spray tower or directly into the duct. The SO₂ is absorbed, neutralized and/or oxidized by the alkaline reagent into a solid compound, either calcium or sodium sulfate. The solid is removed from the waste gas stream using downstream equipment. Slaked lime is one such reagent used for desulfurization.

Asia Pacific region is attributed to grow at the highest CAGR during the forecast period to meet with implementation of regulations continuously over the past couple of years therefore several manufacturers are availing for the FGD systems.

Some of the key players in the Global Flue Gas Desulfurization market are Hamon Corporation, Rafako, Mitsubishi Heavy Industries, Thermax, Babcock & Wilcox Enterprises, Flsmidth, Andritz Doosan Lentjes, Clyde Bergemann Power Group, General Electric, Alstom SA, China Boqi, Hitachi Power System America Ltd., Siemens Energy, Ducon Technologies Inc. and Valmet.

Technologies Covered:

Dry & Semi-Dry FGD Systems

Wet FGD System

Seawater

Limestone

Other Systems

Installations Covered:

Brownfield

Greenfield

Applications Covered:

Reagents & Replacements

New FGD Systems

End Users Covered:

Iron & Steel

Power Generation

Chemical

Cement Manufacturing

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

Market share assessments for the regional and country level segments

Market share analysis of the top industry players

Strategic recommendations for the new entrants

Market forecasts for a minimum of 9 years of all the mentioned segments, sub segments and the regional markets

Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)

Strategic recommendations in key business segments based on the market estimations

Competitive landscaping mapping the key common trends

Company profiling with detailed strategies, financials, and recent developments

Supply chain trends mapping the latest technological advancements

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