

Europe Flare Gas Recovery System Market Size study, by Operating Pressure (Upto 5 bar, 5 to 10 bar, 10 to 20 bar, 20 to 60 bar), by Configuration (Modular, Skid Mounted), By Technology (Compressor, Ejector Based), by Flow Rate (Upto 2 MMSCFD, 2 to 5 MMSCFD, 5 TO 10 MMSCFD, 10 TO 20 MMSCFD, 20 to 50 MMSCFD), by Application and Country Forecasts 2022-2032

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Abstracts

Europe Flare Gas Recovery System Market is valued at approximately USD 236.00 million in 2023 and is anticipated to grow with a healthy growth rate of more than 5.72% over the forecast period 2024-2032. A Flare Gas Recovery System (FGRS) is essential infrastructure within oil and gas production sites, engineered to capture and repurpose flammable gases that would otherwise be released into the atmosphere through flaring. Through this process, FGRS significantly reduces greenhouse gas emissions, cuts down on waste, and improves operational efficiency. Its impact extends to enhancing environmental sustainability and optimizing resource management in the oil and gas sector, making it a crucial technology for industry advancement. In recent years, enhanced technological advancements and stringent regulatory measures aimed at curbing flaring activities in Europe, to minimize emissions and accelerate payback periods, which is a key trend in the Europe Flare Gas Recovery Systems Market.

The European flare gas recovery systems market is poised for growth due to increased demand for fossil fuels in sectors like automotive and power generation, as well as expanding Exploration and Production (E&P) activities to meet this demand. Additionally, stringent environmental regulations from governments and organizations,

combined with the quest for energy-efficient and cost-effective solutions, are driving market expansion. Manufacturers are investing in research and development for flare gas recovery systems to enhance capabilities in remote oil and gas regions, leading to increased sales and substantial market growth expectations. However, substantial capital costs represent a major obstacle to the growth of the Europe Flare Gas Recovery System Market. Furthermore, the cost of catalysts presents an additional barrier to market expansion. Additionally, the lack of awareness regarding the environmental advantages among end-user industries is expected to restrain market growth from 2022 to 2032.

The key countries considered for the Europe Flare Gas Recovery System market study includes UK, Germany, France, Italy, Spain, and Rest of Europe. In 2023, the UK was the largest market with the highest number of the market shares. While overall flare gas emissions have decreased, attributed primarily to reductions in the upstream sector, there has been a marginal increase in flare gas emissions from the downstream industry. Europe stands as a significant hub for the manufacturing of flare gas recovery systems worldwide. Whereas, Germany is likely to grow at the fastest CAGR over the forecast period of 2024-2032.

Major market player included in this report are:

MAN Energy Solutions SE

Wartsilä Oyj Abp

Ramboll Group A/S

Transvac Systems Limited

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Operating Pressure

Upto 5 bar (small)

5 to 10 bar (medium)

10 to 20 bar (large)

20 to 60 bar (very large)

By Configuration

Modular
Skid Mounted

By Technology
Compressor
Ejector Based

By Flow Rate
Upto 2 MMSCFD
2 to 5 MMSCFD
5 TO 10 MMSCFD
10 TO 20 MMSCFD
20 to 50 MMSCFD

By Application
Oil & Gas
Chemical Plants
Storage Tanks
Biogas & Landfill
Industrial flue gas treatment

By Region:

Europe
UK
Germany
France
Spain
Italy
ROE

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and Country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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