

# Global VOC Recovery and Abatement Market 2024 by Company, Regions, Type and Application, Forecast to 2030

<https://marketpublishers.com/r/G0F15FE1F7BFEN.html>

Date: January 2024

Pages: 150

Price: US\$ 3,480.00 (Single User License)

ID: G0F15FE1F7BFEN

## Abstracts

According to our (Global Info Research) latest study, the global VOC Recovery and Abatement market size was valued at USD 11000 million in 2023 and is forecast to a readjusted size of USD 47960 million by 2030 with a CAGR of 23.4% during review period.

Volatile Organic Compounds (VOCs), as important precursors of ozone and PM2.5, are among the major contributors to current regional composite air pollution. VOCs and the secondary pollutants they form have a negative impact on human health, and some VOCs are also genotoxic and carcinogenic. The largest investment market segment is “using industries that use VOCs products” (such as textile printing and dyeing, printing, furniture manufacturing, architectural decoration, etc.), including: end-of-line treatment, process improvement and raw material replacement in the printing and coatings industries. Use water-based paints, environmentally friendly inks, environmentally friendly adhesives, etc.).

Global key players of VOC recovery and abatement include Air Products, Linde pl (Praxair), W?rtsil?, Munters, TOYOBO, Taikisha, Nippon Gases, Calgon Carbon Corporation and Condorchem Envitech, etc. Top 5 players occupy for a share about 40%. Asia-Pacific is the largest market, with a share about 52%, followed by Europe and North America. In terms of product, adsorption by activated carbon is the largest segment, with a share over 30%. In terms of application, petroleum and petrochemical is the largest market, with a share over 24%.

The Global Info Research report includes an overview of the development of the VOC Recovery and Abatement industry chain, the market status of Petroleum and

Petrochemical (Regenerative Thermal Oxidation, Recuperative Thermal Oxidation), Packaging and Printing (Regenerative Thermal Oxidation, Recuperative Thermal Oxidation), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of VOC Recovery and Abatement.

Regionally, the report analyzes the VOC Recovery and Abatement markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives and increasing consumer awareness. Asia-Pacific, particularly China, leads the global VOC Recovery and Abatement market, with robust domestic demand, supportive policies, and a strong manufacturing base.

#### Key Features:

The report presents comprehensive understanding of the VOC Recovery and Abatement market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the VOC Recovery and Abatement industry.

The report involves analyzing the market at a macro level:

**Market Sizing and Segmentation:** Report collect data on the overall market size, including the revenue generated, and market share of different by Type (e.g., Regenerative Thermal Oxidation, Recuperative Thermal Oxidation).

**Industry Analysis:** Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the VOC Recovery and Abatement market.

**Regional Analysis:** The report involves examining the VOC Recovery and Abatement market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

**Market Projections:** Report covers the gathered data and analysis to make future projections and forecasts for the VOC Recovery and Abatement market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to VOC Recovery and Abatement:

**Company Analysis:** Report covers individual VOC Recovery and Abatement players, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

**Consumer Analysis:** Report covers data on consumer behaviour, preferences, and attitudes towards VOC Recovery and Abatement. This may involve surveys, interviews, and analysis of consumer reviews and feedback from different by Application (Petroleum and Petrochemical, Packaging and Printing).

**Technology Analysis:** Report covers specific technologies relevant to VOC Recovery and Abatement. It assesses the current state, advancements, and potential future developments in VOC Recovery and Abatement areas.

**Competitive Landscape:** By analyzing individual companies, suppliers, and consumers, the report presents insights into the competitive landscape of the VOC Recovery and Abatement market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

**Market Validation:** The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

## Market Segmentation

VOC Recovery and Abatement market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of value.

### Market segment by Type

Regenerative Thermal Oxidation

Recuperative Thermal Oxidation

Catalytic Oxidation

Adsorption by Activated Carbon

Cryocondensation

Others

#### Market segment by Application

Petroleum and Petrochemical

Packaging and Printing

Pharmaceuticals

Food

Plastic and Rubber

Iron and Steel

Coatings and Inks

Others

#### Market segment by players, this report covers

Air Products

Linde(Praxair)

W?rtsil?

Munters

TOYOBO

Taikisha

Nippon Gases

Calgon Carbon Corporation

Condorchem Envitech

Conifer Systems

Anguil

ComEnCo Systems

Polaris

Bay Environmental Technology

KVT Process Technology

CECO Environmental

SINOPEC Qingdao Safety Engineering

Naide

ECOTEC

Sinochem Environment Air Pollution Control

WELLE Environmental Group

Market segment by regions, regional analysis covers

North America (United States, Canada, and Mexico)

Europe (Germany, France, UK, Russia, Italy, and Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Australia and

Rest of Asia-Pacific)

South America (Brazil, Argentina and Rest of South America)

Middle East & Africa (Turkey, Saudi Arabia, UAE, Rest of Middle East & Africa)

The content of the study subjects, includes a total of 13 chapters:

Chapter 1, to describe VOC Recovery and Abatement product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top players of VOC Recovery and Abatement, with revenue, gross margin and global market share of VOC Recovery and Abatement from 2019 to 2024.

Chapter 3, the VOC Recovery and Abatement competitive situation, revenue and global market share of top players are analyzed emphatically by landscape contrast.

Chapter 4 and 5, to segment the market size by Type and application, with consumption value and growth rate by Type, application, from 2019 to 2030.

Chapter 6, 7, 8, 9, and 10, to break the market size data at the country level, with revenue and market share for key countries in the world, from 2019 to 2024. and VOC Recovery and Abatement market forecast, by regions, type and application, with consumption value, from 2025 to 2030.

Chapter 11, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 12, the key raw materials and key suppliers, and industry chain of VOC Recovery and Abatement.

Chapter 13, to describe VOC Recovery and Abatement research findings and conclusion.

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