Global Industrial Insulation Market Size study & Forecast, by Material (Mineral Wool, Plastic Foam, Others), by Form (Pipe, Blanket, Board, Others), by End-use Industry (Power, Oil and Gas, Chemical and Petrochemical, Cement, Food and Beverage, Others) and Regional Analysis, 2023-2030

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Abstracts

Global Industrial Insulation Market is valued at approximately USD 8.20 billion in 2022 and is anticipated to grow with a healthy growth rate of more than 5.1% over the forecast period 2023-2030. Industrial insulation refers to the practice of insulating various components and systems within industrial settings to improve energy efficiency, control temperature, reduce heat transfer, prevent condensation, and enhance safety. It involves the installation of insulating materials on surfaces such as pipes, tanks, boilers, ducts, and equipment in industrial facilities such as factories, power plants, refineries, and chemical processing plants. The Industrial Insulation market is expanding because of factors such as the increasing usage of oil and gas and the rising demand for petrochemicals. By reducing thermal conductivity, insulation helps maintain stable temperatures within industrial processes, improving efficiency and reducing the need for excessive heating or cooling. Its importance has progressively increased during the forecast period 2023-2030.

Oil and gas play a vital role in producing insulation materials with high thermal resistance. These materials help industries conserve energy by reducing heat transfer between hot and cold surfaces. By minimizing heat loss or gain, industrial processes become more energy-efficient, leading to cost savings and reduced environmental impact According to Statista, Sinopec China Petroleum & Chemical Corporation is the world's largest oil and gas firm in terms of revenue. The Chinese state-owned firm made

USD 372.5 billion in revenue in fiscal year 2022. Furthermore, ExxonMobil has the world's largest market capitalization of any oil and gas producer. The company's market capitalization was USD 352.79 billion in 2023. Another important factor that drives the Industrial Insulation market is the increasing demand for petrochemicals. Industrial insulation in the petrochemical industry plays a crucial role in maintaining the efficiency, safety, and environmental sustainability of various processes. In addition, as per Statista, Petrochemicals had a global market value of USD 584.5 billion in 2022, reflecting a 5% rise over the previous year. This is expected to rise to more than a trillion dollars by 2030. Moreover, rising technological advancement in industrial insulation and a growing number of populations are anticipated to create lucrative growth opportunities for the market over the forecast period. However, the high cost associated with the installation of insulating materials and technical complexity stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Industrial Insulation Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. Asia Pacific dominated the market in 2022 owing to the rapid growth in the automotive, construction, and telecommunications sectors in the region and the implementation of stricter environmental regulations. Furthermore, Europe is expected to grow significantly during the forecast period, owing to factors such as strict codes and laws effectuated by the European regulatory authorities that have increased awareness about rising energy costs and the need for energy efficiency.

Major market player included in this report are:

Johns Manville

Rockwool group

Saint Gobain

BASF SE

Polyguard Products, Inc

Nichias Corporation

Cabot Corporation

Knauf Insulation

Kingspan Group PLC

Armacell International SA

Recent Developments in the Market:

In April 2022, Saint-Gobain invested around USD 32 million to boost production capacity by 13% while reducing the carbon impact of its CertainTeed insulation plant in California, USA. The Chowchilla investments were first announced in November as part of a larger USD 400 million expansion of Saint-Gobain's manufacturing facilities in the United States, just months after the company imposed its global Grow and Impact strategy, which includes expanding its presence in key high-growth markets while reducing its environmental footprint.

Global Industrial Insulation Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered - Material, Form, End-use Industry, Region

Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst’s working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Material

Mineral Wool

Plastic Foam

Others

By Form

Pipe

Blanket

Board

Others

By End-use Industry

Power

Oil and Gas

Chemical and Petrochemical

Cement

Food and Beverage

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

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Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

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