

## **Europe Advanced CO2 Market Is Expected to Reach USD 3.6 Billion by Forecast to 2022**

*Increased Institutional Usage of CO2 Sensor and Increasing Government Initiatives and Regularizes for Controlling Air Pollution*

Increased Institutional Usage of CO2 Sensor and Increasing Government Initiatives and Regularizes for Controlling Air Pollution Pune, India - April 19, 2017 /MarketMedia/ -- Market Highlights:

Increased Institutional Usage of CO2 Sensor and Increasing Government Initiatives and Regularizes for Controlling Air Pollution are some of the major drivers that exhibits the growth of Europe Advanced CO2 sensor market. The potential, demand, and usage of advanced CO2 sensor in various applications have increased support from governments worldwide. Recently in July 2016, The U.S. Department of Energy invested USD 11.5 Million to Advance Geologic Carbon Storage and Geothermal Exploration which will capture the carbon pollution from the burning of fossil fuels and improves renewable geothermal resources - both of which will help to make the air purify.

Thus, to overcome with the above concerns the need of air pollution measurement systems has been increased. Europe Advanced CO2 Sensor Market These systems are enabled with sensors like advance CO2 which helps to purify the air, which leads to the proper ventilation.

In this market analysis, analysts estimate the non-dispersive infrared (NIDR) CO2 sensors segment to account for nearly 83% of the total market share by 2016. The long lifespan, stability, and high humidity and dirt-withstanding nature of IR sensors are responsible for its high market share during the forecast period.

Major Key Players:

- o Amphenol Corporation (U.S.)
- o Honeywell International Inc.(U.S.)
- o Johnson Control (Ireland)
- o Simens AG (Germany)
- o Ati Airtest Technologies Inc. (U.S.)
- o Sick AG (Germany)
- o Gas Sensing Solution (U.K)
- o Trane ( Subsidiary Of Ingresoll Land) (Ireland), Senseair AB (Sweden)
- o E+E Elektronik (Austria)
- o Bluesens (Germany)
- o Digital Control System Inc. (U.S.)
- o Vertiss Industries (U.S.)

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Market Segmentation:

Advanced CO2 sensors help to monitor the intensity of CO2 in different mediums like air or water and can adjust automatically to changes in temperature, humidity, and altitude. This market is an integral part of the global sensors market and is heavily influenced by the augmented demand for location-based advanced CO2 sensors, which results in its impressive CAGR. Rising need for better air pollution measurement systems, to drive market growth during the forecast period.

The market is segmented into by manufacturers, by type and by application. By manufacturers Honeywell Inc, is expected to gain the largest market share followed by Amphenol Corporation, Simens AG and others. By Type the market is segmented into NDIR and others, where NDIR is expected to gain the largest market by the end of the forecasted period, followed by others i.e Chemical CO2 Sensor. Whereas, Application consists of Building Automation and Domestic

Appliance, Industrial, Automotive, Petrochemical, Medical, Environmental and Others. Automotive sector is expected to gain the highest market share followed by building automation, industrial and others.

#### Target Audience

- o Technology investors
- o End-user industries
- o Research & consultant organization
- o Market players
- o Government

#### Key Findings:

- o Europe Advanced CO2 sensor market is expected to grow up to 3.6 Billion by 2021 with a CAGR of 14.6%.
- o Honeywell is expected to be the market leader with 24% in Advanced CO2 Sensor among all European region.
- o NDIR will gain a Europe Advanced CO2 sensor market with approximately 83%.
- o By Application, Building Automation and Domestic Appliance holds the largest market growing with approximately 22.43% by the end of forecast period.
- o Geographically, China has been projected to have the market share of USD 69 Million by the end of the forecasted period

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