

# Smart Glass Market by Technology (Thermochromic, Photochromic, Electrochromic, SPD, PDLC, and Others) and End-User Industry (Transportation, Construction, Power Generation, and Others) - Global Opportunity Analysis and Industry Forecast, 2014-2022

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## Abstracts

Smart glasses are usually incorporated with photovoltaic to supply power to the windows. Incorporated in the backbend they conserve energy in case of sun roofs as well as liquid crystal windows. Furthermore, capabilities of electrochromic glasses have completely transformed the automotive and aerospace sector.

The capability of smart glasses to ensure energy savings and low maintenance is driving the market worldwide. Besides this, smart glasses are environment friendly. Government mandates and legislations favoring the industry have kept the market prospects high. Furthermore, rising applications especially in the automobile sector have contributed to the growth of the market. Factors such as high premium costs and lack of awareness of the benefits of smart glass have hindered the growth of the market. However, growing applications mainly in the solar plants would create greater opportunities

The world smart glass market is segmented based on technology, application and geography. The technologies discussed in the market research report are Passive Glasses, Low E-Glasses and Active Glasses. In addition, the applications assessed during the study include power generation plant, transportation, electronics, architectural and others. Regions such as North America, Europe, Asia- Pacific and LAMEA are expected to witness rapid growth.

The key market players active in the smart glass market are SPD Control System Corporation, SAGE Electrochromics, SmartGlass International Ltd., Research Frontiers,

Inc., Scienstry Inc., View, Inc., RavenBrick LLC, AGC, Ltd., Pleotint, LLC, PPG Industries, Glass Apps., Gentex Corp. and Hitachi Chemicals Co.

## **KEY BENEFITS FOR STAKEHOLDERS**

The market research report provides integrated information on the major drivers, restraints and opportunities influencing the industry growth during the forecast period.

The study further drills down to produce data volume by components, end consumers and demography.

SWOT analysis of major brands, highlights weaknesses, strengths, opportunities and threats. The data proves effective for business owners planning on designing their marketing and branding strategies.

Region wise business performance discussed in the market research report would be valuable for enterprises planning to explore new areas.

The report not only examines the market dynamics but also takes a closer look at the growth rate and industrial chain structure.

Study further weighs up on the prominent market players and what they are doing different to position their product in the already crowded marketplace.

Assessment of upstream and downstream market also forms an important part of the report.

## **SMART GLASS MARKET KEY SEGMENTS**

### **Smart Glass Market By Technology**

Passive Glasses

Low E-Glasses

Active Glasses

## Smart Glass Market By Application

Power Generation Plant

Transportation

Electronics

Architectural

Others

## Smart Glass Market By Geography

North America

Europe

Asia Pacific

LAMEA

## Key Player

SPD Control System Corporation

SAGE Electrochromics

SmartGlass International Ltd.

Research Frontiers, Inc.

Scienstry Inc.

View, Inc.

RavenBrick LLC

AGC, Ltd.

Pleotint, LLC

PPG Industries

Glass Apps.

Gentex Corp

Hitachi Chemicals Co.

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FIGURE 31. BRAZIL SMART GLASS MARKET SIZE, 2014-2022

FIGURE 32. ARGENTINA SMART GLASS MARKET SIZE, 2014-2022

FIGURE 33. SOUTH AFRICA SMART GLASS MARKET SIZE, 2014-2022

FIGURE 34. REST OF LAMEA SMART GLASS MARKET SIZE, 2014-2022

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