

# Europe Smart Glass & Smart Window Market (2016 - 2022)

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## Abstracts

Smart glass and smart window or switchable glass and switchable window are a technology with light transmission properties, which get modified when voltage, light or heat is applied. Generally, the glass changes from a translucent glass to a transparent glass. The smart glass technology when installed in the envelope of buildings has the potential to create climate adaptive building shells, saving heating cost, air-conditioning and lighting. It also saves the cost of installing and maintaining motorized light screens or blinds or curtains. Blackout smart glass has the potential to block about 99.4% of ultraviolet light, and as a result reduces fabric fading.

Suspended Particle Devices (SPD) demand has been increasing rapidly in the Aviation and Automotive Industry. There are over 30 aircraft that use SPD in their operations. On the other hand, SPD are also taking place in automotive industry. Benefits like Rear Windows, automotive sides, sunroofs etc. are gathering interest for the consumers. The product is very useful for aviation and automotive industry. Other companies are also launching the same products with different models and technologies.

Based on the Technology, the Smart Glass & Smart Window market is segmented into Active Glasses and Passive Glasses. Active glasses are further divided into Polymer Dispersed Liquid Crystals, Suspense Particle Device, Electrochromic, and Others (Micro-blinds and Nanocrystals). Passive Glasses is divided into Passive Thermochromic and Passive Photochromic. Based on Application, the market is segmented into Automotive, Construction, Marine, and Aviation.

Based on country, Smart Glass & Smart Window market is segmented into Germany, UK, France, Russia, Spain, Italy and Rest of Europe. Germany remained the dominant country in the Europe Smart Glass & Smart Window market in 2015. Russia and France

would witness promising CAGR during the forecast period (2016-2022).

The report covers the analysis of key stake holders of the Smart Glass & Smart Window market. Key companies profiled in the report include Saint Gobain S.A, Smart Glass International, View, Inc., Research Frontiers Incorporated, Gentex Corporation, Asahi Glass Co., Pleotint, and Hitachi Ltd.

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