

Global Automotive Smart Glass Market Size study, by Technology Type (Electrochromic, Polymer Dispersed Liquid Device (PDLC), Suspended Particle Device (SPD)), by Application Type (Rear and Side Windows, Sunroof Glass, Others), by Vehicle Type (Passenger Cars, Commercial Vehicles) and Regional Forecasts 2020-2027

<https://marketpublishers.com/r/G99092A4EBCCEN.html>

Date: September 2020

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: G99092A4EBCCEN

Abstracts

Global Automotive Smart Glass Market is valued approximately at USD XXX billion in 2019 and is anticipated to grow with a healthy growth rate of more than XXX% over the forecast period 2020-2027. Smart glass is a type of glass in which light diffusion properties are modified and controlled when light, heat, or voltage is applied. Initially, the use of smart glass was narrow and was only limited to the building and architecture application, but it has found extensive application in the automotive sector in recent years. Smart glass is increasingly used in a range of automotive applications, including sunroofs, windshields, review mirrors, and windows. Automotive smart glasses are an integral part of vehicles since it provides comfort by inhibiting the heat to enter, controls brightness due to sunlight, and also improves the security and privacy of the individuals. As a result, several automobile manufacturers are extensively involved in the deployment of smart glass in automotive vehicles, which is expanding the automotive smart glass market across the globe. Furthermore, the rise in the production of passenger cars and commercial vehicles around the world, along with the rising penetration of sunroof in luxury and premium vehicles are the few factors responsible for the CAGR of the market during the forecast period. According to the World Economic Forum estimated the number of cars traveling on the road would be approximately 2.0 billion by 2024, up from the number of cars in 2015 (1.1 billion). While as per the International Organization of Motor Vehicle Manufacturers (OICA), the global

commercial vehicle production was estimated at 25.13 million units in 2018, representing an increase from 23.84 million units in 2017. This, in turn, is expected to strengthen the demand for smart glass all over the world. However, the high material and fabrication cost is one of the major factors inhibiting the market growth over the forecast period of 2020-2027.

The regional analysis of the global Automotive Smart Glass market is considered for the key regions such as Asia Pacific, North America, Europe, Latin America, and the Rest of the World. Asia-pacific is the leading/significant region across the world in terms of market share owing to the rise in the production of automotive vehicles with advanced systems, and the presence of a significant number of market vendors in the region. Whereas Asia-Pacific is also anticipated to exhibit the highest growth rate / CAGR over the forecast period 2020-2027. Factors such as the growing disposable income of individuals along with the rise in demand for luxury and premium vehicles across developing countries, such as China and India, would create lucrative growth prospects for the Automotive Smart Glass market across the Asia-Pacific region.

Major market player included in this report are:

Corning Inc.

Guardian Industries

Saint-Gobain SA

AGP Glass

Hitachi Chemical Co. Ltd.

Research Frontiers Inc.

Nippon Sheet Glass Co. Ltd.

AGC Inc.

Gentex Corp.

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Technology Type:

Electrochromic
Polymer Dispersed Liquid Device (PDLC)
Suspended Particle Device (SPD)

By Application Type:
Rear and Side Windows
Sunroof Glass
Others

By Vehicle Type:
Passenger Cars
Commercial Vehicles

By Region:
North America
U.S.
Canada
Europe
UK
Germany
France
Spain
Italy
ROE

Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018

Base year – 2019

Forecast period – 2020 to 2027

Target Audience of the Global Automotive Smart Glass Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers

Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2018-2027 (USD Billion)
 - 1.2.1. Automotive Smart Glass Market, by Region, 2018-2027 (USD Billion)
 - 1.2.2. Automotive Smart Glass Market, by Technology Type, 2018-2027 (USD Billion)
 - 1.2.3. Automotive Smart Glass Market, by Application Type, 2018-2027 (USD Billion)
 - 1.2.4. Automotive Smart Glass Market, by Vehicle Type, 2018-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL AUTOMOTIVE SMART GLASS MARKET DEFINITION AND SCOPE

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
 - 2.2.1. Scope of the Study
 - 2.2.2. Industry Evolution
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

CHAPTER 3. GLOBAL AUTOMOTIVE SMART GLASS MARKET DYNAMICS

- 3.1. Automotive Smart Glass Market Impact Analysis (2018-2027)
 - 3.1.1. Market Drivers
 - 3.1.2. Market Challenges
 - 3.1.3. Market Opportunities

CHAPTER 4. GLOBAL AUTOMOTIVE SMART GLASS MARKET: INDUSTRY ANALYSIS

- 4.1. Porter's 5 Force Model
 - 4.1.1. Bargaining Power of Suppliers
 - 4.1.2. Bargaining Power of Buyers
 - 4.1.3. Threat of New Entrants
 - 4.1.4. Threat of Substitutes

- 4.1.5. Competitive Rivalry
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2017-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL AUTOMOTIVE SMART GLASS MARKET, BY TECHNOLOGY TYPE

- 5.1. Market Snapshot
- 5.2. Global Automotive Smart Glass Market by Technology Type, Performance - Potential Analysis
- 5.3. Global Automotive Smart Glass Market Estimates & Forecasts by Technology Type 2017-2027 (USD Billion)
- 5.4. Automotive Smart Glass Market, Sub Segment Analysis
 - 5.4.1. Electrochromic
 - 5.4.2. Polymer Dispersed Liquid Device (PDLC)
 - 5.4.3. Suspended Particle Device (SPD)

CHAPTER 6. GLOBAL AUTOMOTIVE SMART GLASS MARKET, BY APPLICATION TYPE

- 6.1. Market Snapshot
- 6.2. Global Automotive Smart Glass Market by Application Type, Performance - Potential Analysis
- 6.3. Global Automotive Smart Glass Market Estimates & Forecasts by Application Type 2017-2027 (USD Billion)
- 6.4. Automotive Smart Glass Market, Sub Segment Analysis
 - 6.4.1. Rear and Side Windows
 - 6.4.2. Sunroof Glass
 - 6.4.3. Others

CHAPTER 7. GLOBAL AUTOMOTIVE SMART GLASS MARKET, BY VEHICLE TYPE

- 7.1. Market Snapshot

- 7.2. Global Automotive Smart Glass Market by Vehicle Type - Potential Analysis
- 7.3. Global Automotive Smart Glass Market Estimates & Forecasts by Vehicle Type 2017-2027 (USD Billion)
- 7.4. Automotive Smart Glass Market, Sub Segment Analysis
 - 7.4.1. Passenger Cars
 - 7.4.2. Commercial Vehicles

CHAPTER 8. GLOBAL AUTOMOTIVE SMART GLASS MARKET, REGIONAL ANALYSIS

- 8.1. Automotive Smart Glass Market, Regional Market Snapshot
- 8.2. North America Automotive Smart Glass Market
 - 8.2.1. U.S. Automotive Smart Glass Market
 - 8.2.1.1. Technology Type breakdown estimates & forecasts, 2017-2027
 - 8.2.1.2. Application Type breakdown estimates & forecasts, 2017-2027
 - 8.2.1.3. Vehicle Type breakdown estimates & forecasts, 2017-2027
 - 8.2.2. Canada Automotive Smart Glass Market
- 8.3. Europe Automotive Smart Glass Market Snapshot
 - 8.3.1. U.K. Automotive Smart Glass Market
 - 8.3.2. Germany Automotive Smart Glass Market
 - 8.3.3. France Automotive Smart Glass Market
 - 8.3.4. Spain Automotive Smart Glass Market
 - 8.3.5. Italy Automotive Smart Glass Market
 - 8.3.6. Rest of Europe Automotive Smart Glass Market
- 8.4. Asia-Pacific Automotive Smart Glass Market Snapshot
 - 8.4.1. China Automotive Smart Glass Market
 - 8.4.2. India Automotive Smart Glass Market
 - 8.4.3. Japan Automotive Smart Glass Market
 - 8.4.4. Australia Automotive Smart Glass Market
 - 8.4.5. South Korea Automotive Smart Glass Market
 - 8.4.6. Rest of Asia Pacific Automotive Smart Glass Market
- 8.5. Latin America Automotive Smart Glass Market Snapshot
 - 8.5.1. Brazil Automotive Smart Glass Market
 - 8.5.2. Mexico Automotive Smart Glass Market
- 8.6. Rest of The World Automotive Smart Glass Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Top Market Strategies

9.2. Company Profiles

9.2.1. Corning Inc.

9.2.1.1. Key Information

9.2.1.2. Overview

9.2.1.3. Financial (Subject to Data Availability)

9.2.1.4. Product Summary

9.2.1.5. Recent Developments

9.2.2. Guardian Industries

9.2.3. Saint-Gobain SA

9.2.4. AGP Glass

9.2.5. Hitachi Chemical Co. Ltd.

9.2.6. Research Frontiers Inc.

9.2.7. Nippon Sheet Glass Co. Ltd.

9.2.8. AGC Inc.

9.2.9. Gentex Corp.

CHAPTER 10. RESEARCH PROCESS

10.1. Research Process

10.1.1. Data Mining

10.1.2. Analysis

10.1.3. Market Estimation

10.1.4. Validation

10.1.5. Publishing

10.2. Research Attributes

10.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Automotive Smart Glass market, report scope

TABLE 2. Global Automotive Smart Glass market estimates & forecasts by region
2017-2027 (USD Billion)

TABLE 3. Global Automotive Smart Glass market estimates & forecasts by Technology
Type 2017-2027 (USD Billion)

TABLE 4. Global Automotive Smart Glass market estimates & forecasts by Application
Type 2017-2027 (USD Billion)

TABLE 5. Global Automotive Smart Glass market estimates & forecasts by Vehicle
Type 2017-2027 (USD Billion)

TABLE 6. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 7. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 8. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 9. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 10. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 11. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 12. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 13. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 14. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 15. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 16. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 17. Global Automotive Smart Glass market by region, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 18. Global Automotive Smart Glass market by segment, estimates & forecasts,
2017-2027 (USD Billion)

TABLE 19. Global Automotive Smart Glass market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 20. Global Automotive Smart Glass market by segment, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 21. Global Automotive Smart Glass market by region, estimates & forecasts, 2017-2027 (USD Billion)

TABLE 22. U.S. Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 23. U.S. Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 24. U.S. Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 25. Canada Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 26. Canada Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 27. Canada Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 28. UK Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 29. UK Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 30. UK Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 31. Germany Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 32. Germany Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 33. Germany Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 34. France Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 35. France Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 36. France Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 37. Spain Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 38. Spain Automotive Smart Glass market estimates & forecasts by segment

2017-2027 (USD Billion)

TABLE 39. Spain Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 40. Italy Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 41. Italy Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 42. Italy Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 43. ROE Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 44. ROE Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 45. ROE Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 46. China Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 47. China Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 48. China Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 49. India Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 50. India Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 51. India Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 52. Japan Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 53. Japan Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 54. Japan Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 55. Australia Automotive Smart Glass market estimates & forecasts, 2017-2027
(USD Billion)

TABLE 56. Australia Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 57. Australia Automotive Smart Glass market estimates & forecasts by segment
2017-2027 (USD Billion)

TABLE 58. South Korea Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 59. South Korea Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 60. South Korea Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 61. ROPAC Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 62. ROPAC Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 63. ROPAC Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 64. Brazil Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 65. Brazil Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 66. Brazil Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 67. Mexico Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 68. Mexico Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 69. Mexico Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 70. ROLA Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 71. ROLA Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 72. ROLA Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 73. ROW Automotive Smart Glass market estimates & forecasts, 2017-2027 (USD Billion)

TABLE 74. ROW Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 75. ROW Automotive Smart Glass market estimates & forecasts by segment 2017-2027 (USD Billion)

TABLE 76. List of secondary sources, used in the study of global Automotive Smart Glass market

TABLE 77. List of primary sources, used in the study of global Automotive Smart Glass

market

TABLE 78. Years considered for the study

TABLE 79. Exchange rates considered

List Of Figures

LIST OF FIGURES

- FIG 1. Global Automotive Smart Glass market, research methodology
- FIG 2. Global Automotive Smart Glass market, market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Automotive Smart Glass market, key trends 2019
- FIG 5. Global Automotive Smart Glass market, growth prospects 2020-2027
- FIG 6. Global Automotive Smart Glass market, porters 5 force Model
- FIG 7. Global Automotive Smart Glass market, pest analysis
- FIG 8. Global Automotive Smart Glass market, value chain analysis
- FIG 9. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 10. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 11. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 12. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 13. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 14. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 15. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 16. Global Automotive Smart Glass market by segment, 2017 & 2027 (USD Billion)
- FIG 17. Global Automotive Smart Glass market, regional snapshot 2017 & 2027
- FIG 18. North America Automotive Smart Glass market 2017 & 2027 (USD Billion)
- FIG 19. Europe Automotive Smart Glass market 2017 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Automotive Smart Glass market 2017 & 2027 (USD Billion)
- FIG 21. Latin America Automotive Smart Glass market 2017 & 2027 (USD Billion)
- FIG 22. Global Automotive Smart Glass market, company market share analysis (2019)

COMPANIES MENTIONED

Corning Inc.
Guardian Industries
Saint-Gobain SA
AGP Glass
Hitachi Chemical Co. Ltd.
Research Frontiers Inc.
Nippon Sheet Glass Co. Ltd.
AGC Inc.
Gentex Corp.

I would like to order

Product name: Global Automotive Smart Glass Market Size study, by Technology Type (Electrochromic, Polymer Dispersed Liquid Device (PDLC), Suspended Particle Device (SPD)), by Application Type (Rear and Side Windows, Sunroof Glass, Others), by Vehicle Type (Passenger Cars, Commercial Vehicles) and Regional Forecasts 2020-2027

Product link: <https://marketpublishers.com/r/G99092A4EBCCEN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G99092A4EBCCEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970