

# Global Programmable Materials Market Growth (Status and Outlook) 2023-2029

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## Abstracts

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Programmable materials are smart materials that respond to an energy source (voltage, moisture, temperature) by moving or changing shape.

According to this study, the global Programmable Materials market size will reach US\$ million by 2029.

The rise of R&D activity in 4D printing and recent advances in nanotechnology support the growth of the programmable market. In addition, these materials can reduce the manufacturing and processing costs of products in a wide range of industries. The growing demand for sustainable commodities due to environmental issues is expected to drive the growth of the programmable materials market.

This report presents a comprehensive overview, market shares, and growth opportunities of Programmable Materials market by product type, application, key players and key regions and countries.

Segmentation by product type:

Programmable Textiles

Programmable Wood

Programmable Carbon Fiber

Segmentation by Application:

Construction

Healthcare

Military and Defense

Automotive

Textiles

Others

This report also splits the market by region:

United States

China

Europe

Other regions:

Japan

South Korea

Southeast Asia

Rest of world

The report also presents the market competition landscape and a corresponding detailed analysis of the major players in the market. The key players covered in this report:

Nervous Systems

ATRIA Innovation

Autodesk Inc.

Stratasys Ltd.

EnvisionTec Inc.

Self-Assembly Lab

MIT

Hewlett-Packard Inc.

ARC Centre of Excellence for Electromaterials Science

CT Core Technologie Group

Revo

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered

### 2 EXECUTIVE SUMMARY

- 2.1 World Market Overview
  - 2.1.1 Global Programmable Materials Market Size 2024-2029
  - 2.1.2 Programmable Materials Market Size CAGR by Region
- 2.2 Programmable Materials Segment by Type
  - 2.2.1 Programmable Textiles
  - 2.2.2 Programmable Wood
  - 2.2.3 Programmable Carbon Fiber
- 2.3 Programmable Materials Market Size by Type
  - 2.3.1 Global Programmable Materials Market Size Market Share by Type (2024-2029)
  - 2.3.2 Global Programmable Materials Market Size Growth Rate by Type (2024-2029)
- 2.4 Programmable Materials Segment by Application
  - 2.4.1 Construction
  - 2.4.2 Healthcare
  - 2.4.3 Military and Defense
  - 2.4.4 Automotive
  - 2.4.5 Textiles
  - 2.4.6 Others
- 2.5 Programmable Materials Market Size by Application
  - 2.5.1 Global Programmable Materials Market Size Market Share by Application (2024-2029)
  - 2.5.2 Global Programmable Materials Market Size Growth Rate by Application (2024-2029)

### 3 PROGRAMMABLE MATERIALS KEY PLAYERS

- 3.1 Date of Key Players Enter into Programmable Materials
- 3.2 Key Players Programmable Materials Product Offered
- 3.3 Key Players Programmable Materials Funding/Investment Analysis
- 3.4 Funding/Investment
  - 3.4.1 Funding/Investment by Regions
  - 3.4.2 Funding/Investment by End-Industry
- 3.5 Key Players Programmable Materials Valuation & Market Capitalization
- 3.6 Key Players Mergers & Acquisitions, Expansion Plans
- 3.7 Market Ranking
- 3.8 New Product/Technology Launches
- 3.9 Partnerships, Agreements, and Collaborations
- 3.10 Mergers and Acquisitions

## **4 PROGRAMMABLE MATERIALS BY REGIONS**

- 4.1 Programmable Materials Market Size by Regions (2024-2029)
- 4.2 United States Programmable Materials Market Size Growth (2024-2029)
- 4.3 China Programmable Materials Market Size Growth (2024-2029)
- 4.4 Europe Programmable Materials Market Size Growth (2024-2029)
- 4.5 Rest of World Programmable Materials Market Size Growth (2024-2029)

## **5 UNITED STATES**

- 5.1 United States Programmable Materials Market Size by Type (2024-2029)
- 5.2 United States Programmable Materials Market Size by Application (2024-2029)

## **6 EUROPE**

- 6.1 Europe Programmable Materials Market Size by Type (2024-2029)
- 6.2 Europe Programmable Materials Market Size by Application (2024-2029)

## **7 CHINA**

- 7.1 China Programmable Materials Market Size by Type (2024-2029)
- 7.2 China Programmable Materials Market Size by Application (2024-2029)

## **8 REST OF WORLD**

- 8.1 Rest of World Programmable Materials Market Size by Type (2024-2029)

8.2 Rest of World Programmable Materials Market Size by Application (2024-2029)

8.3 Japan

8.4 South Korea

8.5 Southeast Asia

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 KEY INVESTORS IN PROGRAMMABLE MATERIALS**

10.1 Company A

10.1.1 Company A Company Details

10.1.2 Company Description

10.1.3 Companies Invested by Company A

10.1.4 Company A Key Development and Market Layout

10.2 Company B

10.2.1 Company B Company Details

10.2.2 Company Description

10.2.3 Companies Invested by Company B

10.2.4 Company B Key Development and Market Layout

10.3 Company C

10.3.1 Company C Company Details

10.3.2 Company Description

10.3.3 Companies Invested by Company C

10.3.4 Company C Key Development and Market Layout

10.4 Company D

10.5 .....

## **11 KEY PLAYERS ANALYSIS**

11.1 Nervous Systems

11.1.1 Nervous Systems Company Details

11.1.2 Nervous Systems Programmable Materials Product Offered

11.1.3 Nervous Systems Programmable Materials Market Size (2023 VS 2029)

11.1.4 Nervous Systems Main Business Overview

11.1.5 Nervous Systems News

## 11.2 ATRIA Innovation

11.2.1 ATRIA Innovation Company Details

11.2.2 ATRIA Innovation Programmable Materials Product Offered

11.2.3 ATRIA Innovation Programmable Materials Market Size (2023 VS 2029)

11.2.4 ATRIA Innovation Main Business Overview

11.2.5 ATRIA Innovation News

## 11.3 Autodesk Inc.

11.3.1 Autodesk Inc. Company Details

11.3.2 Autodesk Inc. Programmable Materials Product Offered

11.3.3 Autodesk Inc. Programmable Materials Market Size (2023 VS 2029)

11.3.4 Autodesk Inc. Main Business Overview

11.3.5 Autodesk Inc. News

## 11.4 Stratasy Ltd.

11.4.1 Stratasy Ltd. Company Details

11.4.2 Stratasy Ltd. Programmable Materials Product Offered

11.4.3 Stratasy Ltd. Programmable Materials Market Size (2023 VS 2029)

11.4.4 Stratasy Ltd. Main Business Overview

11.4.5 Stratasy Ltd. News

## 11.5 EnvisionTec Inc.

11.5.1 EnvisionTec Inc. Company Details

11.5.2 EnvisionTec Inc. Programmable Materials Product Offered

11.5.3 EnvisionTec Inc. Programmable Materials Market Size (2023 VS 2029)

11.5.4 EnvisionTec Inc. Main Business Overview

11.5.5 EnvisionTec Inc. News

## 11.6 Self-Assembly Lab

11.6.1 Self-Assembly Lab Company Details

11.6.2 Self-Assembly Lab Programmable Materials Product Offered

11.6.3 Self-Assembly Lab Programmable Materials Market Size (2023 VS 2029)

11.6.4 Self-Assembly Lab Main Business Overview

11.6.5 Self-Assembly Lab News

## 11.7 MIT

11.7.1 MIT Company Details

11.7.2 MIT Programmable Materials Product Offered

11.7.3 MIT Programmable Materials Market Size (2023 VS 2029)

11.7.4 MIT Main Business Overview

11.7.5 MIT News

## 11.8 Hewlett-Packard Inc.

11.8.1 Hewlett-Packard Inc. Company Details

11.8.2 Hewlett-Packard Inc. Programmable Materials Product Offered

- 11.8.3 Hewlett-Packard Inc. Programmable Materials Market Size (2023 VS 2029)
- 11.8.4 Hewlett-Packard Inc. Main Business Overview
- 11.8.5 Hewlett-Packard Inc. News
- 11.9 ARC Centre of Excellence for Electromaterials Science
  - 11.9.1 ARC Centre of Excellence for Electromaterials Science Company Details
  - 11.9.2 ARC Centre of Excellence for Electromaterials Science Programmable Materials Product Offered
  - 11.9.3 ARC Centre of Excellence for Electromaterials Science Programmable Materials Market Size (2023 VS 2029)
  - 11.9.4 ARC Centre of Excellence for Electromaterials Science Main Business Overview
  - 11.9.5 ARC Centre of Excellence for Electromaterials Science News
- 11.10 CT Core Technologie Group
  - 11.10.1 CT Core Technologie Group Company Details
  - 11.10.2 CT Core Technologie Group Programmable Materials Product Offered
  - 11.10.3 CT Core Technologie Group Programmable Materials Market Size (2023 VS 2029)
  - 11.10.4 CT Core Technologie Group Main Business Overview
  - 11.10.5 CT Core Technologie Group News
- 11.11 Revo

## **12 RESEARCH FINDINGS AND CONCLUSION**



## List Of Tables

### LIST OF TABLES

- Table 1. Programmable Materials Market Size CAGR by Region (2024-2029) (\$ Millions)
- Table 2. Major Players of Programmable Textiles
- Table 3. Major Players of Programmable Wood
- Table 4. Major Players of Programmable Carbon Fiber
- Table 5. Global Programmable Materials Market Size by Type (2024-2029) (\$ Millions)
- Table 6. Global Programmable Materials Market Size Market Share by Type (2024-2029)
- Table 7. Global Programmable Materials Market Size by Application (2024-2029) (\$ Millions)
- Table 8. Global Programmable Materials Market Size Market Share by Application (2024-2029)
- Table 9. Date of Global Key Players Enter into Programmable Materials Market
- Table 10. Global Key Players Programmable Materials Product Offered
- Table 11. Key Players Programmable Materials Funding/Investment (\$ Millions)
- Table 12. Funding/Investment by Regions
- Table 13. Funding/Investment by End Industry
- Table 14. Key Players Programmable Materials Valuation & Market Capitalization (\$ Millions)
- Table 15. Key Players Mergers & Acquisitions, Expansion Plans
- Table 16. Programmable Materials New Product/Technology Launches
- Table 17. Programmable Materials Industry Partnerships, Agreements, and Collaborations
- Table 18. Programmable Materials Industry Mergers and Acquisitions
- Table 19. Global Programmable Materials Market Size by Regions 2024-2029 (\$ Millions)
- Table 20. Global Programmable Materials Market Size Market Share by Regions 2024-2029
- Table 21. United States Programmable Materials Market Size by Type (2024-2029) (\$ Millions)
- Table 22. United States Programmable Materials Market Size Market Share by Type (2024-2029)
- Table 23. United States Programmable Materials Market Size by Application (2024-2029) (\$ Millions)
- Table 24. United States Programmable Materials Market Size Market Share by

Application (2024-2029)

Table 25. Europe Programmable Materials Market Size by Type (2024-2029) (\$ Millions)

Table 26. Europe Programmable Materials Market Size Market Share by Type (2024-2029)

Table 27. Europe Programmable Materials Market Size by Application (2024-2029) (\$ Millions)

Table 28. Europe Programmable Materials Market Size Market Share by Application (2024-2029)

Table 29. China Programmable Materials Market Size by Type (2024-2029) (\$ Millions)

Table 30. China Programmable Materials Market Size Market Share by Type (2024-2029)

Table 31. China Programmable Materials Market Size by Application (2024-2029) (\$ Millions)

Table 32. China Programmable Materials Market Size Market Share by Application (2024-2029)

Table 33. Rest of World Programmable Materials Market Size by Type (2024-2029) (\$ Millions)

Table 34. Rest of World Programmable Materials Market Size Market Share by Type (2024-2029)

Table 35. Rest of World Programmable Materials Market Size by Application (2024-2029) (\$ Millions)

Table 36. Rest of World Programmable Materials Market Size Market Share by Application (2024-2029)

Table 37. Key Market Drivers & Growth Opportunities of Programmable Materials

Table 38. Key Market Challenges & Risks of Programmable Materials

Table 39. Key Industry Trends of Programmable Materials

Table 40. Company A Company Details

Table 41. Companies Invested by Company A

Table 42. Company A Key Development and Market Layout

Table 43. Company B Company Details

Table 44. Companies Invested by Company B

Table 45. Company B Key Development and Market Layout

Table 46. Company C Company Details

Table 47. Companies Invested by Company C

Table 48. Company C Key Development and Market Layout

Table 49. Company C Company Details

Table 50. Companies Invested by Company C

Table 51. Company C Key Development and Market Layout

Table 52. Nervous Systems Basic Information, Head Office, Major Market Areas and Its Competitors

Table 53. Nervous Systems Programmable Materials Market Size (2023 VS 2029)

Table 54. ATRIA Innovation Basic Information, Head Office, Major Market Areas and Its Competitors

Table 55. ATRIA Innovation Programmable Materials Market Size (2023 VS 2029)

Table 56. Autodesk Inc. Basic Information, Head Office, Major Market Areas and Its Competitors

Table 57. Autodesk Inc. Programmable Materials Market Size (2023 VS 2029)

Table 58. Stratasy Ltd. Basic Information, Head Office, Major Market Areas and Its Competitors

Table 59. Stratasy Ltd. Programmable Materials Market Size (2023 VS 2029)

Table 60. EnvisionTec Inc. Basic Information, Head Office, Major Market Areas and Its Competitors

Table 61. EnvisionTec Inc. Programmable Materials Market Size (2023 VS 2029)

Table 62. Self-Assembly Lab Basic Information, Head Office, Major Market Areas and Its Competitors

Table 63. Self-Assembly Lab Programmable Materials Market Size (2023 VS 2029)

Table 64. MIT Basic Information, Head Office, Major Market Areas and Its Competitors

Table 65. MIT Programmable Materials Market Size (2023 VS 2029)

Table 66. Hewlett-Packard Inc. Basic Information, Head Office, Major Market Areas and Its Competitors

Table 67. Hewlett-Packard Inc. Programmable Materials Market Size (2023 VS 2029)

Table 68. ARC Centre of Excellence for Electromaterials Science Basic Information, Head Office, Major Market Areas and Its Competitors

Table 69. ARC Centre of Excellence for Electromaterials Science Programmable Materials Market Size (2023 VS 2029)

Table 70. CT Core Technologie Group Basic Information, Head Office, Major Market Areas and Its Competitors

Table 71. CT Core Technologie Group Programmable Materials Market Size (2023 VS 2029)

Table 72. Revo Basic Information, Head Office, Major Market Areas and Its Competitors

Table 73. Revo Programmable Materials Market Size (2023 VS 2029)

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Programmable Materials
- Figure 2. Programmable Materials Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Programmable Materials Market Size Growth Rate 2024-2029 (\$ Millions)
- Figure 7. Programmable Materials Market Size by Region (2023 & 2029) (\$ millions)
- Figure 8. Global Programmable Materials Market Size Market Share by Type (2024-2029)
- Figure 9. Global Programmable Textiles Market Size Growth Rate
- Figure 10. Global Programmable Wood Market Size Growth Rate
- Figure 11. Global Programmable Carbon Fiber Market Size Growth Rate
- Figure 12. Programmable Materials in Construction
- Figure 13. Global Programmable Materials Market: Construction (2024-2029) (\$ Millions)
- Figure 14. Programmable Materials in Healthcare
- Figure 15. Global Programmable Materials Market: Healthcare (2024-2029) (\$ Millions)
- Figure 16. Programmable Materials in Military and Defense
- Figure 17. Global Programmable Materials Market: Military and Defense (2024-2029) (\$ Millions)
- Figure 18. Programmable Materials in Automotive
- Figure 19. Global Programmable Materials Market: Automotive (2024-2029) (\$ Millions)
- Figure 20. Programmable Materials in Textiles
- Figure 21. Global Programmable Materials Market: Textiles (2024-2029) (\$ Millions)
- Figure 22. Programmable Materials in Others
- Figure 23. Global Programmable Materials Market: Others (2024-2029) (\$ Millions)
- Figure 24. Global Programmable Materials Market Size Market Share by Application (2024-2029)
- Figure 25. Global Programmable Materials Market Size in Construction Growth Rate
- Figure 26. Global Programmable Materials Market Size in Healthcare Growth Rate
- Figure 27. Global Programmable Materials Market Size in Military and Defense Growth Rate
- Figure 28. Global Programmable Materials Market Size in Automotive Growth Rate
- Figure 29. Global Programmable Materials Market Size in Textiles Growth Rate

Figure 30. Global Programmable Materials Market Size in Others Growth Rate

Figure 31. Funding/Investment

Figure 32. Global Programmable Materials Market Size Market Share by Regions  
2024-2029

Figure 33. United States Programmable Materials Market Size 2024-2029 (\$ Millions)

Figure 34. China Programmable Materials Market Size 2024-2029 (\$ Millions)

Figure 35. Europe Programmable Materials Market Size 2024-2029 (\$ Millions)

Figure 36. Rest of World Programmable Materials Market Size 2024-2029 (\$ Millions)

Figure 37. United States Programmable Materials Consumption Market Share by Type  
in 2029

Figure 38. United States Programmable Materials Market Size Market Share by  
Application in 2029

Figure 39. China Programmable Materials Consumption Market Share by Type in 2029

Figure 40. China Programmable Materials Market Size Market Share by Application in  
2029

Figure 41. Europe Programmable Materials Consumption Market Share by Type in  
2029

Figure 42. Europe Programmable Materials Market Size Market Share by Application in  
2029

Figure 43. Rest of World Programmable Materials Consumption Market Share by Type  
in 2029

Figure 44. Rest of World Programmable Materials Market Size Market Share by  
Application in 2029

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