

Europe Defense & Security USVs Market 2022-2032 by Vehicle Type (Remotely Operated, Autonomous), Vehicle Size (Small, Medium, Large, Extra-large), Component (Chassis, Payload, Imaging, Sensors), Propulsion (Diesel/Gasoline, Hybrid, Electric), Hull Type (Twin, Single, Triple, Rigid Inflatable), Endurance (1000 h), Speed (30 Knots), Application (ISR, MCM, ASW, Maritime Security), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/E2F769DD57E4EN.html>

Date: September 2023

Pages: 143

Price: US\$ 2,465.00 (Single User License)

ID: E2F769DD57E4EN

Abstracts

Europe defense & security USVs market was valued at \$257.4 million in 2022 and will grow by 11.9% annually over 2022-2032, driven by the rising demand for USVs in military applications, lower risk and increased efficiency for a large number of missions, technological advancements, and the increasing regional tensions.

Highlighted with 37 tables and 76 figures, this 143-page report “Europe Defense & Security USVs Market 2022-2032 by Vehicle Type (Remotely Operated, Autonomous), Vehicle Size (Small, Medium, Large, Extra-large), Component (Chassis, Payload, Imaging, Sensors), Propulsion (Diesel/Gasoline, Hybrid, Electric), Hull Type (Twin, Single, Triple, Rigid Inflatable), Endurance (1000 h), Speed (30 Knots), Application (ISR, MCM, ASW, Maritime Security), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe defense & security USVs market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides

forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Europe market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify Europe defense & security USVs market in every aspect of the classification from perspectives of Vehicle Type, Vehicle Size, Component, Propulsion, Hull Type, Endurance, Speed, Application, and Country.

Based on Vehicle Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Remotely Operated USVs

Autonomous USVs

Based on Vehicle Size, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Small USVs

Medium USVs

Large USVs

Extra-large USVs

By Component, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Chassis

Payload

Imaging System

Sensors and Automation Systems

Steering and Positioning

Navigation System

Energy and Propulsion

Other Components

By Propulsion, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Diesel/Gasoline Systems

Hybrid Systems

Electric Systems

Other Propulsion Systems

By Hull Type, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Catamaran (Twin Hulls)

Kayak (Single Hull)

Trimaran (Triple Hulls)

Rigid Inflatable Hull

By Endurance, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

100-500 Hours

500-1000 Hours

>1000 Hours

By Speed, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Less Than 10 Knots

10-30 Knots

More Than 30 Knots

By Application, the Europe market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Intelligence, Surveillance and Reconnaissance (ISR)

Mine Counter Measures (MCM)

Maritime Security

Military Training and Tests

Anti-Submarine Warfare (ASW)

Drug Interdiction & Unlawful Immigration

Host Platform (Launch and Recovery)

Communication Assurance

Counter-Piracy

Other Defense & Security Applications

Geographically, the following national/local markets are fully investigated:

Germany

UK

France

Spain

Italy

Russia

Rest of Europe (further segmented into Netherlands, Switzerland, Poland, Sweden, Belgium, Austria, Ireland, Norway, Denmark, and Finland)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Vehicle Type, Vehicle Size, and Application over the forecast years are also included.

The report also covers the current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

5G International Inc.

ASV Unmanned Marine Systems

Atlas Elektronik GmbH

BAE Systems

ECA Group

Elbit Systems Ltd.

General Dynamics

Israel Aerospace Industries Ltd.

Liquid Robotics

Lockheed Martin

Marine Tech SAS

Northrop Grumman

Rafael Advanced Defense Systems Ltd.

Textron Inc.

Thales

(Please note: The report will be updated before delivery so that the latest historical year is the base year, and the forecast covers at least 5 years over the base year.)

Contents

1 INTRODUCTION 9

- 1.1 Industry Definition and Research Scope 9
 - 1.1.1 Industry Definition 9
 - 1.1.2 Research Scope 11
- 1.2 Research Methodology 14
 - 1.2.1 Overview of Market Research Methodology 14
 - 1.2.2 Market Assumption 15
 - 1.2.3 Secondary Data 15
 - 1.2.4 Primary Data 15
 - 1.2.5 Data Filtration and Model Design 16
 - 1.2.6 Market Size/Share Estimation 17
 - 1.2.7 Research Limitations 18
- 1.3 Executive Summary 19

2 MARKET OVERVIEW AND DYNAMICS 22

- 2.1 Market Size and Forecast 22
 - 2.1.1 Impact of COVID-19 on World Economy 23
 - 2.1.2 Impact of COVID-19 on the Market 26
 - 2.1.3 Impact of Russia-Ukraine Conflict: War Slows Economic Recovery 28
- 2.2 Major Growth Drivers 32
- 2.3 Market Restraints and Challenges 39
- 2.4 Emerging Opportunities and Market Trends 42
- 2.5 Porter's Fiver Forces Analysis 46

3 SEGMENTATION OF EUROPE MARKET BY VEHICLE TYPE 50

- 3.1 Market Overview by Vehicle Type 50
- 3.2 Remotely Operated USVs 52
- 3.3 Autonomous USVs 53

4 SEGMENTATION OF EUROPE MARKET BY VEHICLE SIZE 54

- 4.1 Market Overview by Vehicle Size 54
- 4.2 Small USVs 56
- 4.3 Medium USVs 57

- 4.4 Large USVs 58
- 4.5 Extra-large USVs 59

5 SEGMENTATION OF EUROPE MARKET BY COMPONENT 60

- 5.1 Market Overview by Component 60
- 5.2 Chassis 62
- 5.3 Payload 63
- 5.4 Imaging System 64
- 5.5 Sensors and Automation Systems 65
- 5.6 Steering and Positioning 66
- 5.7 Navigation System 67
- 5.8 Energy and Propulsion 68
- 5.9 Other Components 69

6 SEGMENTATION OF EUROPE MARKET BY PROPULSION 70

- 6.1 Market Overview by Propulsion 70
- 6.2 Diesel/Gasoline Systems 72
- 6.3 Hybrid Systems 73
- 6.4 Electric Systems 74
- 6.5 Other Propulsion Systems 75

7 SEGMENTATION OF EUROPE MARKET BY HULL TYPE 76

- 7.1 Market Overview by Hull Type 76
- 7.2 Catamaran (Twin Hulls) 78
- 7.3 Kayak (Single Hull) 79
- 7.4 Trimaran (Triple Hulls) 80
- 7.5 Rigid Inflatable Hull 81

8 SEGMENTATION OF EUROPE MARKET BY ENDURANCE 82

- 8.1 Market Overview by Endurance 82
- 8.2 \$\$\$ 100 Hours 84
- 8.3 100-500 Hours 85
- 8.4 500-1000 Hours 86
- 8.5 \$\$\$\$1000 Hours 87

9 SEGMENTATION OF EUROPE MARKET BY SPEED 88

- 9.1 Market Overview by Speed 88
- 9.2 Less Than 10 Knots 90
- 9.3 10-30 Knots 91
- 9.4 More Than 30 Knots 92

10 SEGMENTATION OF EUROPE MARKET BY APPLICATION 93

- 10.1 Market Overview by Application 93
- 10.2 Intelligence, Surveillance and Reconnaissance (ISR) 95
- 10.3 Mine Counter Measures (MCM) 96
- 10.4 Maritime Security 97
- 10.5 Military Training and Tests 98
- 10.6 Anti-Submarine Warfare (ASW) 99
- 10.7 Drug Interdiction & Unlawful Immigration 100
- 10.8 Host Platform (Launch and Recovery) 101
- 10.9 Communication Assurance 102
- 10.10 Counter-Piracy 103
- 10.11 Other Applications 104

11 EUROPEAN MARKET 2022-2032 BY COUNTRY 105

- 11.1 Overview of European Market 105
- 11.2 Germany 108
- 11.3 U.K. 110
- 11.4 France 112
- 11.5 Spain 114
- 11.6 Italy 116
- 11.7 Russia 118
- 11.8 Rest of European Market 120

12 COMPETITIVE LANDSCAPE 122

- 12.1 Overview of Key Vendors 122
- 12.2 New Product Launch, Partnership, Investment, and M&A 126
- 12.3 Company Profiles 127

5G INTERNATIONAL INC. 127

ASV Unmanned Marine Systems	129
Atlas Elektronik GmbH	130
BAE Systems	131
ECA Group	132
Elbit Systems Ltd.	133
General Dynamics	134
Israel Aerospace Industries Ltd.	135
Liquid Robotics	136
Lockheed Martin	137
Marine Tech SAS	138
Northrop Grumman	139
Rafael Advanced Defense Systems Ltd.	140
Textron Inc.	141
Thales	142
RELATED REPORTS	143

List Of Tables

LIST OF TABLES:

- Table 1. Snapshot of Europe Defense & Security USVs Market in Balanced Perspective, 2022-2032 20
- Table 2. World Economic Outlook, 2021-2031 24
- Table 3. World Economic Outlook, 2021-2023 25
- Table 4. Scenarios for Economic Impact of Ukraine Crisis 29
- Table 5. Main Product Trends and Market Opportunities in Europe Defense & Security USVs Market 42
- Table 6. Europe Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 50
- Table 7. Europe Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 54
- Table 8. Europe Defense & Security USVs Market by Component, 2022-2032, \$ mn 60
- Table 9. Europe Defense & Security USVs Market by Propulsion, 2022-2032, \$ mn 70
- Table 10. Europe Defense & Security USVs Market by Hull Type, 2022-2032, \$ mn 76
- Table 11. Europe Defense & Security USVs Market by Endurance, 2022-2032, \$ mn 82
- Table 12. Europe Defense & Security USVs Market by Speed, 2022-2032, \$ mn 88
- Table 13. Europe Defense & Security USVs Market by Application, 2022-2032, \$ mn 93
- Table 14. Europe Defense & Security USVs Market by Country, 2022-2032, \$ mn 107
- Table 15. Germany Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 109
- Table 16. Germany Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 109
- Table 17. Germany Defense & Security USVs Market by Application, 2022-2032, \$ mn 109
- Table 18. U.K. Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 111
- Table 19. U.K. Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 111
- Table 20. U.K. Defense & Security USVs Market by Application, 2022-2032, \$ mn 111
- Table 21. France Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 113
- Table 22. France Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 113
- Table 23. France Defense & Security USVs Market by Application, 2022-2032, \$ mn 113
- Table 24. Spain Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 115
- Table 25. Spain Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 115

115

Table 26. Spain Defense & Security USVs Market by Application, 2022-2032, \$ mn 115

Table 27. Italy Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn 117

Table 28. Italy Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn 117

Table 29. Italy Defense & Security USVs Market by Application, 2022-2032, \$ mn 117

Table 30. Russia Defense & Security USVs Market by Vehicle Type, 2022-2032, \$ mn
119Table 31. Russia Defense & Security USVs Market by Vehicle Size, 2022-2032, \$ mn
119Table 32. Russia Defense & Security USVs Market by Application, 2022-2032, \$ mn
119Table 33. Defense & Security USVs Market in Rest of Europe by Country, 2022-2032, \$
mn 121

Table 34. Product Offering of Key Defense & Security USVs Vendors 124

Table 35. 5G International Inc.: Company Snapshot 127

Table 36. 5G International Inc.: Business Segmentation 128

Table 37. 5G International Inc.: Product Portfolio 128

List Of Figures

LIST OF FIGURES:

- Figure 1. Research Method Flow Chart 14
- Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation 17
- Figure 3. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032 19
- Figure 4. Europe Defense & Security USVs Market, 2022-2032, \$ mn 22
- Figure 5. Impact of COVID-19 on Business 26
- Figure 6. Primary Drivers and Impact Factors of Europe Defense & Security USVs Market 32
- Figure 7. World Military Expenditure by Region, 1988–2022, \$ billion 36
- Figure 8. The Share of World Military Expenditure of the 15 Countries with the Highest Spending in 2022 38
- Figure 9. Primary Restraints and Impact Factors of Europe Defense & Security USVs Market 39
- Figure 10. Investment Opportunity Analysis 43
- Figure 11. Porter's Fiver Forces Analysis of Europe Defense & Security USVs Market 46
- Figure 12. Breakdown of Europe Defense & Security USVs Market by Vehicle Type, 2022-2032, % of Revenue 51
- Figure 13. Europe Addressable Market Cap in 2023-2032 by Vehicle Type, Value (\$ mn) and Share (%) 51
- Figure 14. Europe Defense & Security USVs Market by Vehicle Type: Remotely Operated USVs, 2022-2032, \$ mn 52
- Figure 15. Europe Defense & Security USVs Market by Vehicle Type: Autonomous USVs, 2022-2032, \$ mn 53
- Figure 16. Breakdown of Europe Defense & Security USVs Market by Vehicle Size, 2022-2032, % of Sales Revenue 55
- Figure 17. Europe Addressable Market Cap in 2023-2032 by Vehicle Size, Value (\$ mn) and Share (%) 55
- Figure 18. Europe Defense & Security USVs Market by Vehicle Size: Small USVs, 2022-2032, \$ mn 56
- Figure 19. Europe Defense & Security USVs Market by Vehicle Size: Medium USVs, 2022-2032, \$ mn 57
- Figure 20. Europe Defense & Security USVs Market by Vehicle Size: Large USVs, 2022-2032, \$ mn 58
- Figure 21. Europe Defense & Security USVs Market by Vehicle Size: Extra-large USVs,

2022-2032, \$ mn 59

Figure 22. Breakdown of Europe Defense & Security USVs Market by Component, 2022-2032, % of Sales Revenue 61

Figure 23. Europe Addressable Market Cap in 2023-2032 by Component, Value (\$ mn) and Share (%) 61

Figure 24. Europe Defense & Security USVs Market by Component: Chassis, 2022-2032, \$ mn 62

Figure 25. Europe Defense & Security USVs Market by Component: Payload, 2022-2032, \$ mn 63

Figure 26. Europe Defense & Security USVs Market by Component: Imaging System, 2022-2032, \$ mn 64

Figure 27. Europe Defense & Security USVs Market by Component: Sensors and Automation Systems, 2022-2032, \$ mn 65

Figure 28. Europe Defense & Security USVs Market by Component: Steering and Positioning, 2022-2032, \$ mn 66

Figure 29. Europe Defense & Security USVs Market by Component: Navigation System, 2022-2032, \$ mn 67

Figure 30. Europe Defense & Security USVs Market by Component: Energy and Propulsion, 2022-2032, \$ mn 68

Figure 31. Europe Defense & Security USVs Market by Component: Other Components, 2022-2032, \$ mn 69

Figure 32. Breakdown of Europe Defense & Security USVs Market by Propulsion, 2022-2032, % of Revenue 71

Figure 33. Europe Addressable Market Cap in 2023-2032 by Propulsion, Value (\$ mn) and Share (%) 71

Figure 34. Europe Defense & Security USVs Market by Propulsion: Diesel/Gasoline Systems, 2022-2032, \$ mn 72

Figure 35. Europe Defense & Security USVs Market by Propulsion: Hybrid Systems, 2022-2032, \$ mn 73

Figure 36. Europe Defense & Security USVs Market by Propulsion: Electric Systems, 2022-2032, \$ mn 74

Figure 37. Europe Defense & Security USVs Market by Propulsion: Other Propulsion Systems, 2022-2032, \$ mn 75

Figure 38. Breakdown of Europe Defense & Security USVs Market by Hull Type, 2022-2032, % of Revenue 77

Figure 39. Europe Addressable Market Cap in 2023-2032 by Hull Type, Value (\$ mn) and Share (%) 77

Figure 40. Europe Defense & Security USVs Market by Hull Type: Catamaran (Twin Hulls), 2022-2032, \$ mn 78

Figure 41. Europe Defense & Security USVs Market by Hull Type: Kayak (Single Hull), 2022-2032, \$ mn 79

Figure 42. Europe Defense & Security USVs Market by Hull Type: Trimaran (Triple Hulls), 2022-2032, \$ mn 80

Figure 43. Europe Defense & Security USVs Market by Hull Type: Rigid Inflatable Hull, 2022-2032, \$ mn 81

Figure 44. Breakdown of Europe Defense & Security USVs Market by Endurance, 2022-2032, % of Revenue 82

Figure 45. Europe Addressable Market Cap in 2023-2032 by Endurance, Value (\$ mn) and Share (%) 83

Figure 46. Europe Defense & Security USVs Market by Endurance: \$\$\$ 100 Hours, 2022-2032, \$ mn 84

Figure 47. Europe Defense & Security USVs Market by Endurance: 100-500 Hours, 2022-2032, \$ mn 85

Figure 48. Europe Defense & Security USVs Market by Endurance: 500-1000 Hours, 2022-2032, \$ mn 86

Figure 49. Europe Defense & Security USVs Market by Endurance: \$\$\$\$1000 Hours, 2022-2032, \$ mn 87

Figure 50. Breakdown of Europe Defense & Security USVs Market by Speed, 2022-2032, % of Revenue 88

Figure 51. Europe Addressable Market Cap in 2023-2032 by Speed, Value (\$ mn) and Share (%) 89

Figure 52. Europe Defense & Security USVs Market by Speed: Less Than 10 Knots, 2022-2032, \$ mn 90

Figure 53. Europe Defense & Security USVs Market by Speed: 10-30 Knots, 2022-2032, \$ mn 91

Figure 54. Europe Defense & Security USVs Market by Speed: More Than 30 Knots, 2022-2032, \$ mn 92

Figure 55. Breakdown of Europe Defense & Security USVs Market by Application, 2022-2032, % of Revenue 94

Figure 56. Europe Addressable Market Cap in 2023-2032 by Application, Value (\$ mn) and Share (%) 94

Figure 57. Europe Defense & Security USVs Market by Application: Intelligence, Surveillance and Reconnaissance (ISR), 2022-2032, \$ mn 95

Figure 58. Europe Defense & Security USVs Market by Application: Mine Counter Measures (MCM), 2022-2032, \$ mn 96

Figure 59. Europe Defense & Security USVs Market by Application: Maritime Security, 2022-2032, \$ mn 97

Figure 60. Europe Defense & Security USVs Market by Application: Military Training

and Tests, 2022-2032, \$ mn 98

Figure 61. Europe Defense & Security USVs Market by Application: Anti-Submarine Warfare (ASW), 2022-2032, \$ mn 99

Figure 62. Europe Defense & Security USVs Market by Application: Drug Interdiction & Unlawful Immigration, 2022-2032, \$ mn 100

Figure 63. Europe Defense & Security USVs Market by Application: Host Platform (Launch and Recovery), 2022-2032, \$ mn 101

Figure 64. Europe Defense & Security USVs Market by Application: Communication Assurance, 2022-2032, \$ mn 102

Figure 65. Europe Defense & Security USVs Market by Application: Counter-Piracy, 2022-2032, \$ mn 103

Figure 66. Europe Defense & Security USVs Market by Application: Other Applications, 2022-2032, \$ mn 104

Figure 67. Breakdown of European Defense & Security USVs Market by Country, 2022 and 2032, % of Revenue 106

Figure 68. Contribution to Europe 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%) 107

Figure 69. Defense & Security USVs Market in Germany, 2022-2032, \$ mn 108

Figure 70. Defense & Security USVs Market in U.K., 2022-2032, \$ mn 110

Figure 71. Defense & Security USVs Market in France, 2022-2032, \$ mn 112

Figure 72. Defense & Security USVs Market in Spain, 2022-2032, \$ mn 114

Figure 73. Defense & Security USVs Market in Italy, 2022-2032, \$ mn 116

Figure 74. Defense & Security USVs Market in Russia, 2022-2032, \$ mn 118

Figure 75. Defense & Security USVs Market in Rest of Europe, 2022-2032, \$ mn 120

Figure 76. Growth Stage of Europe Defense & Security USVs Industry over the Forecast Period 122

I would like to order

Product name: Europe Defense & Security USVs Market 2022-2032 by Vehicle Type (Remotely Operated, Autonomous), Vehicle Size (Small, Medium, Large, Extra-large), Component (Chassis, Payload, Imaging, Sensors), Propulsion (Diesel/Gasoline, Hybrid, Electric), Hull Type (Twin, Single, Triple, Rigid Inflatable), Endurance (<100 h, 100-500 h, 500-1000 h, >1000 h), Speed (<10 Knots, 10-30 Knots, >30 Knots), Application (ISR, MCM, ASW, Maritime Security), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/E2F769DD57E4EN.html>

Price: US\$ 2,465.00 (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/E2F769DD57E4EN.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