

# Global Unmanned Maritime Vehicles (UMVs) Market 2020-2026 by Vehicle Type (UUVs, USVs), Application (Commercial, Scientific Research, Defense & Security), Propulsion System (Electric, Mechanical) and Region

https://marketpublishers.com/r/G72B761E845CEN.html

Date: May 2020

Pages: 208

Price: US\$ 3,136.00 (Single User License)

ID: G72B761E845CEN

# **Abstracts**

GMD predicts the revenue of global UMVs market to reach \$6.73 billion by 2026 in terms of CAPEX (Capital Expenditure), growing by 5.2% annually over 2020-2026 with consideration of the COVID-19 impact.

Highlighted with 59 tables and 74 figures, this 208-page report "Global Unmanned Maritime Vehicles (UMVs) Market 2020-2026 by Vehicle Type (UUVs, USVs), Application (Commercial, Scientific Research, Defense & Security), Propulsion System (Electric, Mechanical) and Region" is based on a comprehensive research of the entire global UMVs 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 provides historical market data for 2015-2019, revenue estimates for 2020, and forecasts from 2021 till 2026.

(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 global market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19. The balanced (most likely) projection is used to quantify global UMVs market in every aspect of the classification from perspectives of Vehicle Type, Application, Propulsion System, and Region. Based on vehicle type, the global market is segmented into the following sub-markets with annual revenue for 2015-2026 (historical and forecast) included in each section.

UUVs (further segmented into ROVs and AUVs)

USVs (further segmented into Remotely Operated USVs and Autonomous USVs)

Other UMVs

Based on application, the global market is segmented into the following sub-markets with annual revenue for 2015-2026 (historical and forecast) included in each section.

Commercial (breakdown by vehicle types of ROVs, AUVs, USVs, and Other UMVs)

Scientific Research (breakdown by vehicle types of ROVs, AUVs, USVs, and Other UMVs)

Defense & Security (breakdown by vehicle types of ROVs, AUVs, USVs, and Other UMVs)

Others

The Defense & Security section is also segmented into the following sub-applications



with annual revenue in 2019, 2020, and 2026 for each section:

Mine Counter Measures (MCM)

Anti-Submarine Warfare (ASW)

Intelligence, Surveillance and Reconnaissance (ISR)

Security

Transportation

Search and Rescue

Based on propulsion system, the global market is segmented into the following submarkets with annual revenue for 2015-2026 (historical and forecast) included in each section.

Electric System

Mechanical System

Others

Others

Geographically, the following regions together with the listed national/local markets are fully investigated:

APAC (Japan, China, Australia, India, and Rest of APAC)

Europe (Germany, UK, Norway, France, Russia, Italy, Rest of Europe)

North America (U.S. and Canada)

Latin America (Brazil, Mexico, Argentina, Rest of Latin America)



Africa (Nigeria, Angola, and Rest of Africa)

Middle East

For each of the aforementioned regions and countries, detailed analysis and data for annual revenue are available for 2015-2026. The breakdown of all regional markets by country and split of key national markets by Vehicle Type and Application over the forecast years are also included.

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

Specifically, potential risks associated with investing in global UMVs market are assayed quantitatively and qualitatively through GMD's Risk Assessment System. According to the risk analysis and evaluation, Critical Success Factors (CSFs) are generated as a guidance to help investors & stockholders identify emerging opportunities, manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

Key Players (this may not be a complete list and extra companies can be added upon request):

5G International Inc.

**ASV Unmanned Marine Systems** 

Atlas Elektronik GmbH

BAE Systems plc

**Boston Engineering** 

C-Innovation

Deep Trekker Inc

DOF Subsea AS

ECA Group

Forum Energy Technologies

Fugro Subsea Services Ltd

General Dynamics Mission Systems

Helix Energy Solutions

International Submarine Engineering (ISE) Ltd.

Israel Aerospace Industries Ltd.

i-Tech (Subsea 7)

Kongsberg Gruppen ASA



Kystdesign AS

Liquid Robotics

**Lockheed Martin Corporation** 

Ocean Aero, Inc.

Oceaneering International, Inc.

Ocius Technology Ltd.

Marine Tech SAS

Perry Slingsby Systems Limited

Rafael Advanced Defense Systems Ltd.

SAAB SEAEYE LTD.

Saipem (Sonsub)

SeaRobotics Corporation

Seebyte Ltd.

Schilling Robotics, LLC

SimpleUnmanned, LLC.

Soil Machine Dynamics Ltd (SMD)

Thales S.A.

Teledyne Technologies Inc.

Textron Inc.

(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

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

### 2 MARKET OVERVIEW AND QUALITATIVE ANALYSIS

- 2.1 Market Size and Forecast
- 2.2 Market Structure
- 2.3 Major Growth Drivers
- 2.4 Market Restraints and Challenges
- 2.5 Emerging Opportunities and Market Trends
- 2.6 Porter's Fiver Forces Analysis

### **3 ANALYSIS OF GLOBAL MARKET BY VEHICLE TYPE**

- 3.1 Market Overview of Global UMVs Market
- 3.2 Global Unmanned Underwater Vehicles (UUVs) Market 2015-2026
  - 3.2.1 Remotely Operated Underwater Vehicles (ROVs)
  - 3.2.2 Autonomous Underwater Vehicles (AUVs)
- 3.3 Global Unmanned Surface Vehicles (USVs) Market 2015-2026
  - 3.3.1 Remotely Operated USVs
  - 3.3.2 Autonomous USVs
- 3.4 Other UMVs Market 2015-2026

### **4 ANALYSIS OF GLOBAL MARKET BY APPLICATION**



- 4.1 Market Overview by Application
- 4.2 UMVs for Commercial Application: Global Market 2015-2026
- 4.3 UMVs for Scientific Research: Global Market 2015-2026
- 4.4 UMVs for Defense & Security: Global Market 2015-2026
- 4.5 UMVs for Other Applications: Global Market 2015-2026

### **5 ANALYSIS OF GLOBAL MARKET BY PROPULSION SYSTEM**

- 5.1 Market Overview by Propulsion System
- 5.2 Mechanical Systems
- 5.3 Electric System
- 5.4 Other Systems

### **6 ANALYSIS OF GLOBAL MARKET BY REGION**

- 6.1 Geographic Market Overview by Region 2019-2026
- 6.2 North America Market 2015-2026
  - 6.2.1 Overview of North America Market
  - 6.2.2 U.S. Market
  - 6.2.3 Canadian Market
- 6.3 European Market 2015-2026
  - 6.3.1 Overview of European Market
  - 6.3.2 UK
  - 6.3.3 Norway
  - 6.3.4 Germany
  - 6.3.5 France
  - 6.3.6 Russia
  - 6.3.7 Italy
  - 6.3.8 Rest of European Market
- 6.4 Asia-Pacific Market 2015-2026
  - 6.4.1 Overview of Asia-Pacific Market
  - 6.4.2 China
  - 6.4.3 Japan
  - 6.4.4 Australia
  - 6.4.5 India
  - 6.4.6 Rest of APAC Region
- 6.5 Latin America Market 2015-2026
  - 6.5.1 Argentina
  - 6.5.2 Brazil



- 6.5.3 Mexico
- 6.5.4 Rest of Latin America Market
- 6.6 Africa Market 2015-2026
  - 6.6.1 Nigeria
  - 6.6.2 Angola
  - 6.6.3 Rest of Africa Market
- 6.7 Middle East Market 2015-2026

### 7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Global Vendors
- 7.2 Company Profiles

### **5G INTERNATIONAL INC.**

**ASV Unmanned Marine Systems** 

Atlas Elektronik GmbH

BAE Systems plc

**Boston Engineering** 

C-Innovation

Deep Trekker Inc

DOF Subsea AS

**ECA Group** 

Forum Energy Technologies

Fugro Subsea Services Ltd

General Dynamics Mission Systems

Helix Energy Solutions

International Submarine Engineering (ISE) Ltd.

Israel Aerospace Industries Ltd.

i-Tech (Subsea 7)

Kongsberg Gruppen ASA

Kystdesign AS

Liquid Robotics

**Lockheed Martin Corporation** 

Ocean Aero, Inc.

Oceaneering International, Inc.

Ocius Technology Ltd.

Marine Tech SAS

Perry Slingsby Systems Limited



Rafael Advanced Defense Systems Ltd.

SAAB SEAEYE LTD.

Saipem (Sonsub)

**SeaRobotics Corporation** 

Seebyte Ltd.

Schilling Robotics, LLC

SimpleUnmanned, LLC.

Soil Machine Dynamics Ltd (SMD)

Thales S.A.

Teledyne Technologies Inc.

Textron Inc.

### 8 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT

8.1 Risk Evaluation of Global Market

8.2 Critical Success Factors (CSFs)

**RELATED REPORTS AND PRODUCTS** 



# **List Of Tables**

### LIST OF TABLES

- Table 1. Snapshot of Global UMVs Market, 2019-2026
- Table 2. Main Product Trends and Market Opportunities in Global UMVs Market
- Table 3. Global UUVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 4. Classifications of ROVs by Type
- Table 5. Global USVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 6. Global Commercial UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 7. Global Scientific Research UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 8. Global Defense & Security UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 9. Leading National UMVs Markets by Capex, 2019 and 2026, \$ mn
- Table 10. North America UMVs Market by Application, 2019-2026, \$ mn
- Table 11. North America UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 12. U.S. UMVs Market by Application, 2019-2026, \$ mn
- Table 13. U.S. UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 14. Canada UMVs Market by Application, 2019-2026, \$ mn
- Table 15. Canada UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 16. Europe UMVs Market by Application, 2019-2026, \$ mn
- Table 17. Europe UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 18. UK UMVs Market by Application, 2019-2026, \$ mn
- Table 19. UK UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 20. Norway UMVs Market by Application, 2019-2026, \$ mn
- Table 21. Norway UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 22. Germany UMVs Market by Application, 2019-2026, \$ mn
- Table 23. Germany UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 24. France UMVs Market by Application, 2019-2026, \$ mn
- Table 25. France UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 26. APAC UMVs Market by Application, 2019-2026, \$ mn
- Table 27. APAC UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 28. China UMVs Market by Application, 2019-2026, \$ mn
- Table 29. China UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 30. Japan UMVs Market by Application, 2019-2026, \$ mn
- Table 31. Japan UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 32. Australia UMVs Market by Application, 2019-2026, \$ mn
- Table 33. Australia UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 34. Latin America UMVs Market by Application, 2019-2026, \$ mn
- Table 35. Latin America UMVs Market by Vehicle Type, 2019-2026, \$ mn



- Table 36. Argentina UMVs Market by Application, 2019-2026, \$ mn
- Table 37. Argentina UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 38. Brazil UMVs Market by Application, 2019-2026, \$ mn
- Table 39. Brazil UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 40. Mexico UMVs Market by Application, 2019-2026, \$ mn
- Table 41. Mexico UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 42. Africa UMVs Market by Application, 2019-2026, \$ mn
- Table 43. Africa UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 44. Nigeria UMVs Market by Application, 2019-2026, \$ mn
- Table 45. Nigeria UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 46. Angola UMVs Market by Application, 2019-2026, \$ mn
- Table 47. Angola UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 48. Middle East UMVs Market by Application, 2019-2026, \$ mn
- Table 49. Middle East UMVs Market by Vehicle Type, 2019-2026, \$ mn
- Table 50. Market Share of World Work-Class ROVs by Manufacturer, % Capex
- Table 51. Market Share of World Work-Class ROVs by Operator, %Capex
- Table 52. Turnover, Profit, Net Profit, and EPS of BAE Systems, 1999-2019
- Table 53. Forum Energy Technologies, Inc. Condensed Consolidated Statements of Income, 2016-2017
- Table 54. Forum Energy Technologies, Inc. Revenue by Business Segment, 2016-2017
- Table 55. Main Products and Services of i-Tech
- Table 56. Kongsberg Gruppen Revenue, 2012-2019, \$ bn
- Table 57. Top Competitors of Saab Seaeye (Revenues and Emplyees)
- Table 58. Risk Evaluation for Investing in Global Market, 2019-2026
- Table 59. Critical Success Factors and Key Takeaways



# **List Of Figures**

### **LIST OF FIGURES**

- Figure 1. Research Method Flow Chart
- Figure 2. Breakdown of Primary Research
- Figure 3. Bottom-up Approach and Top-down Approach for Market Estimation
- Figure 4. Global Market Forecast in Optimistic, Conservative and Balanced
- Perspectives, 2019-2026
- Figure 5. Global UMVs Market by Capex, 2015-2026, \$ mn
- Figure 6. Structure and Segments of Global UMVs Market
- Figure 7. Primary Drivers and Impact Factors of Global UMVs Market
- Figure 8. Primary Restraints and Impact Factors of Global UMVs Market
- Figure 9. Porter's Fiver Forces Analysis of Global UMVs Market
- Figure 10. Breakdown of Global UMVs Market by Vehicle Type, 2019-2026, % of Capex
- Figure 11. 2015-2026 Capex Growth Rates of Global UMVs Sub-markets by Vehicle Type
- Figure 12. Global UUVs Market by Capex, 2015-2026, \$ mn
- Figure 13. Global ROVs Market by Capex, 2015-2026, \$ mn
- Figure 14. Global ROVs Market by Fleet in Operation, 2015-2026, units
- Figure 15. Global Vessel Demand (%) by Water Depth (m), 2010-2020
- Figure 16. Global AUVs Market by Capex, 2015-2026, \$ mn
- Figure 17. Global AUVs Market by Fleet in Operation, 2015-2026, units
- Figure 18. Global USVs Market by Capex, 2015-2026, \$ mn
- Figure 19. Global Remotely Operated USVs Market, 2015-2026, \$ mn
- Figure 20. Global Autonomous USVs Market by Capex, 2015-2026, \$ mn
- Figure 21. Global Market of Other UMVs by Capex, 2015-2026, \$ mn
- Figure 22. Breakdown of Global UMVs Market by Application, 2019-2026, % of Capex
- Figure 23. 2015-2026 Capex Growth Rates of Global UMV Sub-markets by Application
- Figure 24. Global Market of UMVs for Commercial Application by Capex, 2015-2026, \$ mn
- Figure 25. Global Market of UMVs for Scientific Research by Capex, 2015-2026, \$ mn
- Figure 26. Global Market of UMVs for Defense & Security by Capex, 2015-2026, \$ mn
- Figure 27. Global Market of UMVs for Other Applications by Capex, 2015-2026, \$ mn
- Figure 28. Breakdown of Global UMVs Market by Propulsion System, 2019-2026, % of Capex
- Figure 29. 2015-2026 Capex Growth Rates of Global UMV Sub-markets by Propulsion System
- Figure 30. Global Mechanical UMVs Market by Capex, 2015-2026, \$ mn



- Figure 31. Global Electric UMVs Market by Capex, 2015-2026, \$ mn
- Figure 32. Global Market of UMVs with Other Propulsion Systems by Capex,

2015-2026, \$ mn

- Figure 33. Geographic Spread of Worldwide UMVs Market, 2019-2026, % of Capex
- Figure 34. 2015-2026 Capex Growth Rates of Main Regional Markets
- Figure 35. North American UMVs Market by Capex, 2015-2026, \$ mn
- Figure 36. Breakdown of North America UMVs Market by Country, 2019 and 2026, % of Capex
- Figure 37. 2015-2026 Capex Growth Rates of National Markets in North America
- Figure 38. U.S. UMVs Market by Capex, 2015-2026, \$ mn
- Figure 39. Canada UMVs Market by Capex, 2015-2026, \$ mn
- Figure 40. European UMVs Market by Capex, 2015-2026, \$ mn
- Figure 41. Breakdown of European UMVs Market by Country, 2019 and 2026, % of Capex
- Figure 42. 2015-2026 Capex Growth Rates of National Markets in Europe
- Figure 43. UMVs Market in UK by Capex, 2015-2026, \$ mn
- Figure 44. UMVs Market in Norway by Capex, 2015-2026, \$ mn
- Figure 45. UMVs Market in Germany by Capex, 2015-2026, \$ mn
- Figure 46. UMVs Market in France by Capex, 2015-2026, \$ mn
- Figure 47. UMVs Market in Russia by Capex, 2015-2026, \$ mn
- Figure 48. UMVs Market in Italy by Capex, 2015-2026, \$ mn
- Figure 49. UMVs Market in Rest of Europe by Capex, 2015-2026, \$ mn
- Figure 50. Asia-Pacific UMVs Market by Capex, 2015-2026, \$ mn
- Figure 51. Breakdown of APAC UMVs Market by Country, 2019 and 2026, % of Capex
- Figure 52. 2015-2026 Capex Growth Rates of National Markets in APAC
- Figure 53. UMVs Market in China by Capex, 2015-2026, \$ mn
- Figure 54. UMVs Market in Japan by Capex, 2015-2026, \$ mn
- Figure 55. UMVs Market in Australia by Capex, 2015-2026, \$ mn
- Figure 56. UMVs Market in India by Capex, 2015-2026, \$ mn
- Figure 57. UMVs Market in Rest APAC by Capex, 2015-2026, \$ mn
- Figure 58. Latin America UMVs Market by Capex, 2015-2026, \$ mn
- Figure 59. Breakdown of Latin America UMVs Market by Country, 2019 and 2026, % of Capex
- Figure 60. 2015-2026 Capex Growth Rates of National Markets in Latin America
- Figure 61. UMVs Market in Argentina by Capex, 2015-2026, \$ mn
- Figure 62. UMVs Market in Brazil by Capex, 2015-2026, \$ mn
- Figure 63. UMVs Market in Mexico by Capex, 2015-2026, \$ mn
- Figure 64. UMVs Market in Rest of Latin America by Capex, 2015-2026, \$ mn
- Figure 65. Africa UMVs Market by Capex, 2015-2026, \$ mn



- Figure 66. Breakdown of Africa UMVs Market by Country, 2019 and 2026, % of Capex
- Figure 67. 2015-2026 Capex Growth Rates of National Markets in Africa
- Figure 68. ROVs Market in Nigeria by Capex, 2015-2026, \$ mn
- Figure 69. UMVs Market in Angola by Capex, 2015-2026, \$ mn
- Figure 70. Middle East UMVs Market by Capex, 2015-2026, \$ mn
- Figure 71. Growth Stage of Global UMVs Industry over the Forecast Period
- Figure 72. UAVs of Elbit Systems
- Figure 73. Fugro Revenue Share by Industry, %
- Figure 74. Key Financials of Saab Seaeye, 2013-2017



### I would like to order

Product name: Global Unmanned Maritime Vehicles (UMVs) Market 2020-2026 by Vehicle Type (UUVs,

USVs), Application (Commercial, Scientific Research, Defense & Security), Propulsion

System (Electric, Mechanical) and Region

Product link: https://marketpublishers.com/r/G72B761E845CEN.html

Price: US\$ 3,136.00 (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 <a href="https://marketpublishers.com/r/G72B761E845CEN.html">https://marketpublishers.com/r/G72B761E845CEN.html</a>

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
	Custumer signature

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

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