

Global Autonomous Underwater Vehicles (AUVs) Market 2017-2025 by Industry Vertical, System Component, Vehicle Type, Propulsion System and Region

<https://marketpublishers.com/r/GF6D340ABAAEN.html>

Date: July 2017

Pages: 147

Price: US\$ 2,800.00 (Single User License)

ID: GF6D340ABAAEN

Abstracts

As an emerging technology, autonomous underwater vehicle (AUV) is a robot which travels underwater without requiring input from an operator. They are unmanned submersible vehicles, independent of outside facilities or operators, and free-swimming. They have various applications in pipeline inspection, sub-sea inspection, sub-sea survey, cable inspection, sampling, oceanographic, environmental monitoring, iceberg profiling, under-ice surveys, countermeasures, underwater photography, and mine detection. Global total Capex (capital expenditure) of AUVs in 2025 will advance to \$XXX billion, representing a fast growth at XX% per annum between 2016 and 2025. The cumulative Capex of global AUVs is expected to reach \$20.2 billion during 2017-2025 driven by the substantial adoption of AUVs in a magnitude of industry verticals.

Highlighted with 33 tables and 73 figures, this 147-page report “Global Autonomous Underwater Vehicles (AUVs) Market 2017-2025 by Industry Vertical, System Component, Vehicle Type, Propulsion System and Region” is based on a comprehensive research of the AUVs market by analyzing the entire global 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.

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 report also quantifies global AUVs market in every aspect of the classification from perspectives of industry vertical, hardware component, vehicle type, propulsion system and region.

Based on industry vertical, the global AUV market is segmented into the following sub-markets with annual capex included for 2014-2025 (historical and forecast) for each section.

Commercial Application

Scientific Research

Military & Defense

Others

Based on system component, the global AUV hardware market is divided and analyzed on the following segments in terms of capex for 2014-2025.

Imaging System

Sensors and Automation Systems

Steering and Positioning

Navigation System

Energy and Propulsion

Others

Based on vehicle type, the global AUV market is split and analyzed on the following sections in terms of annual capex and fleet in operation for 2014-2025.

Small AUVs

Medium AUVs

Large AUVs

Based on propulsion system, the global AUV market is segmented into the following sections and analyzed in terms of annual capex and operational fleet for 2014-2025.

Electric System

Mechanical System

Hybrid System

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

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

Europe (Germany, France, UK, Italy, Spain, Rest of Europe)

North America (U.S. and Canada)

Latin America

Africa

Middle East

For each of the aforementioned regions and countries, detailed analysis and data for annual capex are available for 2014-2025. The breakdown of all regional markets and some important national markets by industry vertical and vehicle type over the forecast years is included.

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

Specifically, potential risks associated with investing in global AUVs 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 manage and minimize the risks, develop appropriate business models, and make wise strategies and decisions.

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 INDUSTRY VERTICAL

- 3.1 Market Overview by Industry Vertical
- 3.2 AUVs for Commercial Application: Global Market 2014-2025
- 3.3 AUVs for Scientific Research: Global Market 2014-2025
- 3.4 AUVs for Military & Defense: Global Market 2014-2025
- 3.5 AUVs for Other Industry Verticals: Global Market 2014-2025

4 ANALYSIS OF GLOBAL MARKET BY HARDWARE COMPONENT

- 4.1 Market Overview by Hardware Component
- 4.2 Imaging System
- 4.3 Sensors and Automation Systems

- 4.4 Steering and Positioning
- 4.5 Navigation System
- 4.6 Energy and Propulsion
- 4.7 Other Hardware Components

5 ANALYSIS OF GLOBAL MARKET BY VEHICLE TYPE

- 5.1 Market Overview by Vehicle Type
- 5.2 Small AUVs
- 5.3 Medium AUVs
- 5.4 Large AUVs

6 ANALYSIS OF GLOBAL MARKET BY PROPULSION SYSTEM

- 6.1 Market Overview by Propulsion System
- 6.2 Electric System
- 6.3 Mechanical System
- 6.4 Other Systems

7 ANALYSIS OF GLOBAL MARKET BY REGION

- 7.1 Geographic Market Overview by Region 2016-2025
- 7.2 North America Market 2014-2025
 - 7.2.1 Overview of North America Market
 - 7.2.2 U.S. Market
 - 7.2.3 Canadian Market
- 7.3 European Market 2014-2025
 - 7.3.1 Overview of European Market
 - 7.3.2 Germany
 - 7.3.3 France
 - 7.3.4 UK
 - 7.3.5 Italy
 - 7.3.6 Spain
 - 7.3.7 Rest of European Market
- 7.4 Asia-Pacific Market 2014-2025
 - 7.4.1 Overview of Asia-Pacific Market
 - 7.4.2 Japan
 - 7.4.3 China
 - 7.4.4 Malaysia

7.4.5 Australia

7.4.6 India

7.4.7 Rest of APAC Region

7.5 Latin America Market 2014-2025

7.6 Africa Market 2014-2025

7.7 Middle East Market 2014-2025

8 COMPETITIVE LANDSCAPE

8.1 Overview of Global Vendors

8.2 Company Profiles

9 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT

9.1 Risk Evaluation of Global Market

9.2 Critical Success Factors (CSFs)

RELATED REPORTS AND PRODUCTS

List Of Tables

LIST OF TABLES

- Table 1. Snapshot of Global AUVs Market, 2016-2025
- Table 2. Main Product Trends and Market Opportunities in Global AUVs Market
- Table 3. Leading National AUVs Markets by Capex, 2016 and 2025, \$ mn
- Table 4. North America AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 5. North America AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 6. U.S. AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 7. U.S. AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 8. Canada AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 9. Canada AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 10. Europe AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 11. Europe AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 12. Germany AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 13. Germany AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 14. France AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 15. France AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 16. UK AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 17. UK AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 18. APAC AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 19. APAC AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 20. Japan AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 21. Japan AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 22. China AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 23. China AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 24. Australia AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 25. Australia AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 26. Latin America AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 27. Latin America AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 28. Africa AUVs Market by Industry Vertical, 2016-2025, \$ mn
- Table 29. Africa AUVs Market by Vehicle Type, 2016-2025, \$ mn
- Table 30. Main Products and Services of i-Tech
- Table 31. Kongsberg Gruppen Revenue, 2009-2015, \$ bn
- Table 32. Risk Evaluation for Investing in Global Market, 2016-2025
- Table 33. Critical Success Factors and Key Takeaways

List Of Figures

LIST OF FIGURES

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Global Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2014-2025

Figure 4. Global AUVs Market by Capex, 2014-2025, \$ mn

Figure 5. Global AUVs Market by Fleet, 2014-2025, units

Figure 6. Structure and Segments of Global AUVs Market

Figure 7. Primary Drivers and Impact Factors of Global AUVs Market

Figure 8. Primary Restraints and Impact Factors of Global AUVs Market

Figure 9. Porter's Fiver Forces Analysis of Global AUVs Market

Figure 10. Breakdown of Global AUVs Market by Industry Vertical, 2016-2025, % of Capex

Figure 11. 2014-2025 Capex Growth Rates of Global Sub-markets by Industry Vertical

Figure 12. Global Market of AUVs for Commercial Application by Capex, 2014-2025, \$ mn

Figure 13. Global Market of AUVs for Scientific Research by Capex, 2014-2025, \$ mn

Figure 14. Global Market of AUVs for Military & Defense by Capex, 2014-2025, \$ mn

Figure 15. Global Market of AUVs for Other Industry Verticals by Capex, 2014-2025, \$ mn

Figure 16. Breakdown of Global AUV Hardware Market by Component, 2016-2025, % of Capex

Figure 17. 2014-2025 Capex Growth Rates of Global Sub-markets by Hardware Component

Figure 18. Global Market of AUV Imaging System, 2014-2025, \$ mn

Figure 19. Global Market of AUV Sensors and Automation Systems, 2014-2025, \$ mn

Figure 20. Global Market of AUV Steering and Positioning System, 2014-2025, \$ mn

Figure 21. Global Market of AUV Navigation System, 2014-2025, \$ mn

Figure 22. Global Market of AUV Energy and Propulsion System, 2014-2025, \$ mn

Figure 23. Global Market of Other AUV Hardware Components, 2014-2025, \$ mn

Figure 24. Breakdown of Global AUV Market by Vehicle Type, 2016-2025, % of Fleet

Figure 25. 2014-2025 Fleet Growth Rates of Global Sub-markets by Vehicle Type

Figure 26. Breakdown of Global AUV Market by Vehicle Type, 2016-2025, % of Capex

Figure 27. 2014-2025 Capex Growth Rates of Global Sub-markets by Vehicle Type

Figure 28. Global Market of Small AUVs by Fleet, 2014-2025, units

Figure 29. Global Market of Small AUVs by Capex, 2014-2025, \$ mn

- Figure 30. Global Market of Medium AUVs by Fleet, 2014-2025, units
- Figure 31. Global Market of Medium AUVs by Capex, 2014-2025, \$ mn
- Figure 32. Global Market of Large AUVs by Fleet, 2014-2025, units
- Figure 33. Global Market of Large AUVs by Capex, 2014-2025, \$ mn
- Figure 34. Breakdown of Global AUV Market by Propulsion System, 2016-2025, % of Fleet
- Figure 35. 2014-2025 Fleet Growth Rates of Global Sub-markets by Propulsion System
- Figure 36. Breakdown of Global AUVs Market by Propulsion System, 2016-2025, % of Capex
- Figure 37. 2014-2025 Capex Growth Rates of Global Sub-markets by Propulsion System
- Figure 38. Global Electric AUVs Market by Fleet, 2014-2025, units
- Figure 39. Global Electric AUVs Market by Capex, 2014-2025, \$ mn
- Figure 40. Global Mechanical AUVs Market by Fleet, 2014-2025, units
- Figure 41. Global Mechanical AUVs Market by Capex, 2014-2025, \$ mn
- Figure 42. Global Hybrid AUVs Market by Fleet, 2014-2025, units
- Figure 43. Global Hybrid AUVs Market by Capex, 2014-2025, \$ mn
- Figure 44. Geographic Spread of Worldwide AUVs Market, 2016-2025, % of Capex
- Figure 45. 2016-2025 Capex Growth Rates of Main Regional Markets
- Figure 46. North American AUVs Market by Capex, 2014-2025, \$ mn
- Figure 47. Breakdown of North America AUVs Market by Country, 2016 and 2025, % of Capex
- Figure 48. 2014-2025 Capex Growth Rates of National Markets in North America
- Figure 49. U.S. AUVs Market by Capex, 2014-2025, \$ mn
- Figure 50. Canada AUVs Market by Capex, 2014-2025, \$ mn
- Figure 51. European AUVs Market by Capex, 2014-2025, \$ mn
- Figure 52. Breakdown of European AUVs Market by Country, 2016 and 2025, % of Capex
- Figure 53. 2014-2025 Capex Growth Rates of National Markets in Europe
- Figure 54. AUVs Market in Germany by Capex, 2014-2025, \$ mn
- Figure 55. AUVs Market in France by Capex, 2014-2025, \$ mn
- Figure 56. AUVs Market in UK by Capex, 2014-2025, \$ mn
- Figure 57. AUVs Market in Italy by Capex, 2014-2025, \$ mn
- Figure 58. AUVs Market in Spain by Capex, 2014-2025, \$ mn
- Figure 59. AUVs Market in Rest of Europe by Capex, 2014-2025, \$ mn
- Figure 60. Asia-Pacific AUVs Market by Capex, 2014-2025, \$ mn
- Figure 61. Breakdown of APAC AUVs Market by Country, 2016 and 2025, % of Capex
- Figure 62. 2014-2025 Capex Growth Rates of National Markets in APAC
- Figure 63. AUVs Market in Japan by Capex, 2014-2025, \$ mn

Figure 64. AUVs Market in China by Capex, 2014-2025, \$ mn

Figure 65. AUVs Market in Malaysia by Capex, 2014-2025, \$ mn

Figure 66. AUVs Market in Australia by Capex, 2014-2025, \$ mn

Figure 67. AUVs Market in India by Capex, 2014-2025, \$ mn

Figure 68. AUVs Market in Rest APAC by Capex, 2014-2025, \$ mn

Figure 69. Latin America AUVs Market by Capex, 2014-2025, \$ mn

Figure 70. Africa AUVs Market by Capex, 2014-2025, \$ mn

Figure 71. Middle East AUVs Market by Capex, 2014-2025, \$ mn

Figure 72. Fugro Revenue Share by Industry, %

Figure 73. Fugro Revenue Share by End-user, %

I would like to order

Product name: Global Autonomous Underwater Vehicles (AUVs) Market 2017-2025 by Industry Vertical, System Component, Vehicle Type, Propulsion System and Region

Product link: <https://marketpublishers.com/r/GF6D340ABAEN.html>

Price: US\$ 2,800.00 (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/GF6D340ABAEN.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

