

# Inspection Robotics in Oil & Gas Industry: Global Market 2017-2025 by Robot Type, Sub-system and Region

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## Abstracts

Inspection robotics in oil & gas industry are robots and intelligent devices developed and employed for inspecting, monitoring and surveying oil & gas pipelines, platforms, rigs, storage tanks and other oil & gas structures. Oil & gas inspection robots include unmanned underwater vehicles (UUVs), unmanned aerial vehicles (UAVs), and unmanned ground vehicles (UGVs). UUVs include remotely operated underwater vehicles (ROVs) and autonomous underwater vehicles (AUVs). Global total Capex (capital expenditure) of inspection robots in oil & gas industry will advance to \$2.85 billion in 2025, representing a robust growth at XX% per annum between 2016 and 2025. The cumulative Capex of global inspection robots in oil & gas industry is expected to reach \$XXX billion during 2017-2025 driven by the substantial increasing adoption of ROVs, AUVs, UAVs and UGVs in oil & gas exploration and production.

Highlighted with 31 tables and 67 figures, this 164-page report “Inspection Robotics in Oil & Gas Industry: Global Market 2017-2025 by Robot Type, Sub-system and Region” is based on a comprehensive research of the inspection robots market in oil & gas industry 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 global market is forecast in optimistic, conservative and balanced view. The balanced (most likely) projection is used to quantify global oil & gas inspection robots market in every aspect of the classification from perspectives of vehicle type, sub-system and region.

Based on vehicle type, the global market of inspection robots in oil & gas industry is split and analyzed on the following sections in terms of annual capex over 2014-2025.

ROVs

AUVs

UAVs

UGVs

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

Hardware System (further split into Imaging System, Sensors and Automation Systems, Steering and Positioning, Navigation System, Energy and Propulsion, others)

Software System

Operation and Service

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

investigated:

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

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

North America (U.S. and Canada)

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

Africa (Nigeria, Angola)

Middle East (Saudi Arabia, United Arab Emirates)

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 important national markets by vehicle type over the forecast years is included.

The report also covers current competitive scenario and the predicted manufacture trend; and profiles global oil & gas inspection robot vendors including market leaders and important emerging players.

Specifically, potential risks associated with investing in global oil & gas inspection robot 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 VEHICLE TYPE**

- 3.1 Market Overview by Vehicle Type
- 3.2 Remotely Operated Vehicles (ROVs) for Oil & Gas Inspection: Global Market 2014-2025
- 3.3 Autonomous Underwater Vehicles (AUVs) for Oil & Gas Inspection: Global Market 2014-2025
- 3.4 Unmanned Aerial Vehicles (UAVs) for Oil & Gas Inspection: Global Market 2014-2025
- 3.5 Unmanned Ground Vehicles (UGVs) for Oil & Gas Inspection: Global Market 2014-2025

### **4 ANALYSIS OF GLOBAL MARKET BY SYSTEM COMPONENT**

- 4.1 Market Overview by System Component
- 4.2 Oil & Gas Inspection Robot Hardware Market 2014-2025
  - 4.2.1 Imaging System
  - 4.2.2 Sensors and Automation Systems
  - 4.2.3 Steering and Positioning
  - 4.2.4 Navigation System
  - 4.2.5 Energy and Propulsion
  - 4.2.6 Other Hardware Components
- 4.3 Oil & Gas Inspection Robot Software Market 2014-2025
- 4.4 Oil & Gas Inspection Robot Operation and Service Market 2014-2025

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

- 5.1 Geographic Market Overview by Region 2016-2025
- 5.2 North America Market 2014-2025
  - 5.2.1 Overview of North America Market
  - 5.2.2 U.S. Market
  - 5.2.3 Canadian Market
- 5.3 European Market 2014-2025
  - 5.3.1 Overview of European Market
  - 5.3.2 Germany
  - 5.3.3 UK
  - 5.3.4 Norway
  - 5.3.5 Russia
  - 5.3.6 Rest of European Market
- 5.4 Asia-Pacific Market 2014-2025
  - 5.4.1 Overview of Asia-Pacific Market
  - 5.4.2 Japan
  - 5.4.3 China
  - 5.4.4 Indonesia
  - 5.4.5 Australia
  - 5.4.6 India
  - 5.4.7 Rest of APAC Region
- 5.5 Latin America Market 2014-2025
  - 5.5.1 Argentina
  - 5.5.2 Brazil
  - 5.5.3 Mexico
  - 5.5.4 Rest of Latin America Market

## 5.6 Africa Market 2014-2025

5.6.1 Nigeria

5.6.2 Angola

5.6.3 Rest of Africa Market

## 5.7 Middle East Market 2014-2025

5.7.1 Saudi Arabia

5.7.2 United Arab Emirates

## **6 COMPETITIVE LANDSCAPE**

6.1 Overview of Global Vendors

6.2 Company Profiles

## **7 INVESTING IN GLOBAL MARKET: RISK ASSESSMENT AND MANAGEMENT**

7.1 Risk Evaluation of Global Market

7.2 Critical Success Factors (CSFs)

## **RELATED REPORTS AND PRODUCTS**

## List Of Tables

### LIST OF TABLES:

Table 1. Snapshot of Global Inspection Robotics Market for Oil & Gas Industry, 2016-2025

Table 2. Main Product Trends and Market Opportunities in Global Inspection Robotics Market for Oil & Gas Industry

Table 3. Classifications of ROVs by Type

Table 4. Global Inspection Robot Market for Oil & Gas Industry by Hardware Component, 2016-2025, \$ mn

Table 5. Leading National Inspection Robotics Markets for Oil & Gas Industry by Capex, 2016 and 2025, \$ mn

Table 6. North America Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 7. U.S. Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 8. Canada Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 9. Europe Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 10. Germany Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 11. UK Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 12. Norway Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 13. Russia Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 14. APAC Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 15. Japan Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 16. China Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 17. Indonesia Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 18. Australia Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 19. India Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 20. Latin America Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 21. Argentina Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 22. Brazil Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 23. Mexico Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 24. Africa Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 25. Nigeria Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 26. Angola Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 27. Middle East Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 28. Saudi Arabia Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 29. UAE Oil & Gas Inspection Robotics Market by Vehicle Type, 2016-2025, \$ mn

Table 30. Risk Evaluation for Investing in Global Market, 2016-2025

Table 31. 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 Inspection Robotics Market for Oil & Gas Industry by Capex, 2014-2025, \$ mn

Figure 5. Structure and Segments of Global Inspection Robotics Market for Oil & Gas Industry

Figure 6. Primary Drivers and Impact Factors of Global Inspection Robotics Market for Oil & Gas Industry

Figure 7. Global Population, GDP and Energy Demand, 1990-2030

Figure 8. Global Oil & Gas Offshore and Deepwater Production, 1970-2020

Figure 9. Primary Restraints and Impact Factors of Global Inspection Robotics Market for Oil & Gas Industry

Figure 10. Porter's Fiver Forces Analysis of Global Inspection Robotics Market for Oil & Gas Industry

Figure 11. Breakdown of Global Inspection Robotics Market for Oil & Gas Industry by Vehicle Type, 2016-2025, % of Capex

Figure 12. 2014-2025 Capex Growth Rates of Global Sub-markets by Vehicle Type

Figure 13. Global Market of ROVs for Oil & Gas Inspection by Capex, 2014-2025, \$ mn

Figure 14. Global Market of AUVs for Oil & Gas Inspection by Capex, 2014-2025, \$ mn

Figure 15. Global Market of UAVs for Oil & Gas Inspection by Capex, 2014-2025, \$ mn

Figure 16. Global Market of UGVs for Oil & Gas Inspection by Capex, 2014-2025, \$ mn

Figure 17. Breakdown of Global Inspection Robotics Market for Oil & Gas Industry by System Component, 2016-2025, % of Capex

Figure 18. 2014-2025 Capex Growth Rates of Global Oil & Gas Inspection Robot Sub-markets by System Component

Figure 19. Global Inspection Robot Hardware Market for Oil & Gas Industry, 2014-2025, \$ mn

Figure 20. Breakdown of Global Inspection Robot Hardware Market for Oil & Gas Industry by Component, 2016-2025, % of Capex

Figure 21. Global Inspection Robot Software Market for Oil & Gas Industry, 2014-2025, \$ mn

Figure 22. Global Inspection Robot Operation & Service Market for Oil & Gas Industry, 2014-2025, \$ mn

- Figure 23. Global ROV Operation Personnel, 2014-2025
- Figure 24. Global Vessel Demand (%) by Water Depth (m), 2010-2019
- Figure 25. Geographic Spread of Worldwide Inspection Robotics Market for Oil & Gas Industry, 2016-2025, % of Capex
- Figure 26. 2016-2025 Capex Growth Rates of Main Regional Markets
- Figure 27. North American Inspection Robotics Market for Oil & Gas Industry by Capex, 2014-2025, \$ mn
- Figure 28. Breakdown of North America Oil & Gas Inspection Robotics Market by Country, 2016 and 2025, % of Capex
- Figure 29. 2014-2025 Capex Growth Rates of National Markets in North America
- Figure 30. U.S. Oil & Gas Inspection Robotics Market by Capex, 2014-2025, \$ mn
- Figure 31. Canada Oil & Gas Inspection Robotics Market by Capex, 2014-2025, \$ mn
- Figure 32. European Inspection Robotics Market for Oil & Gas Industry by Capex, 2014-2025, \$ mn
- Figure 33. Breakdown of European Inspection Robotics Market by Country, 2016 and 2025, % of Capex
- Figure 34. 2014-2025 Capex Growth Rates of National Markets in Europe
- Figure 35. Oil & Gas Inspection Robotics Market in Germany by Capex, 2014-2025, \$ mn
- Figure 36. Oil & Gas Inspection Robotics Market in UK by Capex, 2014-2025, \$ mn
- Figure 37. Oil & Gas Inspection Robotics Market in Norway by Capex, 2014-2025, \$ mn
- Figure 38. Oil & Gas Inspection Robotics Market in Russia by Capex, 2014-2025, \$ mn
- Figure 39. Oil & Gas Inspection Robotics Market in Rest of Europe by Capex, 2014-2025, \$ mn
- Figure 40. Asia-Pacific Inspection Robotics Market for Oil & Gas Industry by Capex, 2014-2025, \$ mn
- Figure 41. Breakdown of APAC Oil & Gas Inspection Robotics Market by Country, 2016 and 2025, % of Capex
- Figure 42. 2014-2025 Capex Growth Rates of National Markets in APAC
- Figure 43. Oil & Gas Inspection Robotics Market in Japan by Capex, 2014-2025, \$ mn
- Figure 44. Oil & Gas Inspection Robotics Market in China by Capex, 2014-2025, \$ mn
- Figure 45. Oil & Gas Inspection Robotics Market in Indonesia by Capex, 2014-2025, \$ mn
- Figure 46. Oil & Gas Inspection Robotics Market in Australia by Capex, 2014-2025, \$ mn
- Figure 47. Oil & Gas Inspection Robotics Market in India by Capex, 2014-2025, \$ mn
- Figure 48. Oil & Gas Inspection Robotics Market in Rest APAC by Capex, 2014-2025, \$ mn
- Figure 49. Latin America Inspection Robotics Market for Oil & Gas Industry by Capex,

2014-2025, \$ mn

Figure 50. Breakdown of Latin America Oil & Gas Inspection Robotics Market by Country, 2016 and 2025, % of Capex

Figure 51. 2014-2025 Capex Growth Rates of National Markets in Latin America

Figure 52. Oil & Gas Inspection Robotics Market in Argentina by Capex, 2014-2025, \$ mn

Figure 53. Oil & Gas Inspection Robotics Market for in Brazil by Capex, 2014-2025, \$ mn

Figure 54. Oil & Gas Inspection Robotics Market in Mexico by Capex, 2014-2025, \$ mn

Figure 55. Oil & Gas Inspection Robotics Market in Rest of Latin America by Capex, 2014-2025, \$ mn

Figure 56. Africa Oil & Gas Inspection Robotics Market by Capex, 2014-2025, \$ mn

Figure 57. Breakdown of Africa Oil & Gas Inspection Robotics Market by Country, 2016 and 2025, % of Capex

Figure 58. 2014-2025 Capex Growth Rates of National Markets in Africa

Figure 59. Oil & Gas Inspection Robotics Market in Nigeria by Capex, 2014-2025, \$ mn

Figure 60. Oil & Gas Inspection Robotics Market in Angola by Capex, 2014-2025, \$ mn

Figure 61. Middle East Oil & Gas Inspection Robotics Market by Capex, 2014-2025, \$ mn

Figure 62. Breakdown of Middle East Oil & Gas Inspection Robotics Market by Country, 2016 and 2025, % of Capex

Figure 63. 2014-2025 Capex Growth Rates of National Markets in Middle East

Figure 64. Oil & Gas Inspection Robotics Market in Saudi Arabia by Capex, 2014-2025, \$ mn

Figure 65. Oil & Gas Inspection Robotics Market in United Arab Emirates, 2014-2025, \$ mn

Figure 66. Segmentation of ABB Group's Revenue by Divisions in FY 2014, %

Figure 67. Segmentation of ABB Group's Revenue by Region in FY 2014, %

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