

Global In-situ Resource Utilization (ISRU) Technology Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/GB3C96AD59D7EN.html>

Date: July 2026

Pages: 118

Price: US\$ 4,480.00 (Single User License)

ID: GB3C96AD59D7EN

Abstracts

The global In-situ Resource Utilization (ISRU) Technology market size is expected to reach \$ 2679 million by 2032, rising at a market growth of 24.4% CAGR during the forecast period (2026-2032).

In-situ resource utilization (ISRU) technology refers to the direct use of locally available resources in the outer space environment. Through engineering methods such as collection, extraction, processing, and conversion, it produces materials that can support space missions, including oxygen, fuel, water, building materials, and metal structural components. This reduces the cost and dependence on transporting supplies from Earth, improving the sustainability of deep space exploration, lunar base construction, and long-term Mars colonization. It is one of the core foundational technologies for the future deep space economy and planetary base construction.

ISRU technology is widely considered a key prerequisite for humanity to enter an 'extraterrestrial economic system,' and its long-term prospects are closely related to lunar base construction, Mars landing missions, and the normalization of deep space exploration. With NASA's Artemis program, ESA's Moon Village concept, and commercial space companies advancing lunar mining and resource utilization experiments, ISRU is gradually moving from theoretical research to engineering verification. In the next 10-20 years, ISRU is expected to be the first to achieve water ice extraction and oxygen/fuel production on the moon, forming an 'extraterrestrial resupply station' and significantly reducing the cost of deep space missions. In the longer term, applications such as Mars atmospheric oxygen production (MOXIE path), asteroid mining, and lunar surface 3D printing will drive the formation of a complete 'extraterrestrial resources-energy-manufacturing' industrial closed loop, enabling human space activities to shift from 'complete dependence on Earth resupply' to 'partial self-

sufficiency' and giving rise to a potential trillion-dollar space resource economy.

This report studies the global In-situ Resource Utilization (ISRU) Technology demand, key companies, and key regions.

This report is a detailed and comprehensive analysis of the world market for In-situ Resource Utilization (ISRU) Technology, and provides market size (US\$ million) and Year-over-Year (YoY) growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of In-situ Resource Utilization (ISRU) Technology that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global In-situ Resource Utilization (ISRU) Technology total market, 2021-2032, (USD Million)

Global In-situ Resource Utilization (ISRU) Technology total market by region & country, CAGR, 2021-2032, (USD Million)

U.S. VS China: In-situ Resource Utilization (ISRU) Technology total market, key domestic companies, and share, (USD Million)

Global In-situ Resource Utilization (ISRU) Technology revenue by player, revenue and market share 2021-2026, (USD Million)

Global In-situ Resource Utilization (ISRU) Technology total market by Type, CAGR, 2021-2032, (USD Million)

Global In-situ Resource Utilization (ISRU) Technology total market by Application, CAGR, 2021-2032, (USD Million)

This report profiles major players in the global In-situ Resource Utilization (ISRU) Technology market based on the following parameters - company overview, revenue, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Blue Origin, Lockheed Martin, ispace, NASA, Paragon Space Development Corporation, Intuitive Machines, Airbus Defence and Space, ESA, Canadian Space Agency, Interlune, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the world In-situ Resource Utilization (ISRU) Technology market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), by player, by regions, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global In-situ Resource Utilization (ISRU) Technology Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global In-situ Resource Utilization (ISRU) Technology Market, Segmentation by Type:

Water ISRU

Gas ISRU

Mineral ISRU

Metal ISRU

Energy ISRU

Global In-situ Resource Utilization (ISRU) Technology Market, Segmentation by Functional Chain:

Resource Exploration and Mapping

Mining and Extraction

Physical/Chemical Extraction

In-situ Manufacturing

Energy and Propellant Production

Global In-situ Resource Utilization (ISRU) Technology Market, Segmentation by Technology Maturity:

Concept Study Phase

Ground Validation Phase

Space Demonstration Phase

Commercial Application Phase

Global In-situ Resource Utilization (ISRU) Technology Market, Segmentation by Application:

Lunar ISRU

Mars ISRU

Others

Companies Profiled:

Blue Origin

Lockheed Martin

ispace

NASA

Paragon Space Development Corporation

Intuitive Machines

Airbus Defence and Space

ESA

Canadian Space Agency

Interlune

KIGAM

CASC

Key Questions Answered

1. How big is the global In-situ Resource Utilization (ISRU) Technology market?
2. What is the demand of the global In-situ Resource Utilization (ISRU) Technology market?
3. What is the year over year growth of the global In-situ Resource Utilization (ISRU) Technology market?
4. What is the total value of the global In-situ Resource Utilization (ISRU) Technology market?
5. Who are the Major Players in the global In-situ Resource Utilization (ISRU) Technology market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

1.1 In-situ Resource Utilization (ISRU) Technology Introduction

1.2 World In-situ Resource Utilization (ISRU) Technology Market Size & Forecast (2021 & 2025 & 2032)

1.3 World In-situ Resource Utilization (ISRU) Technology Total Market by Region (by Headquarter Location)

1.3.1 World In-situ Resource Utilization (ISRU) Technology Market Size by Region (2021-2032), (by Headquarter Location)

1.3.2 United States Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.3 China Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.4 Europe Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.5 Japan Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.6 South Korea Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.7 ASEAN Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.3.8 India Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032)

1.4 Market Drivers, Restraints and Trends

1.4.1 In-situ Resource Utilization (ISRU) Technology Market Drivers

1.4.2 Factors Affecting Demand

1.4.3 Major Market Trends

2 DEMAND SUMMARY

2.1 World In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.2 World In-situ Resource Utilization (ISRU) Technology Consumption Value by Region

2.2.1 World In-situ Resource Utilization (ISRU) Technology Consumption Value by Region (2021-2026)

2.2.2 World In-situ Resource Utilization (ISRU) Technology Consumption Value

Forecast by Region (2027-2032)

2.3 United States In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.4 China In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.5 Europe In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.6 Japan In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.7 South Korea In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.8 ASEAN In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

2.9 India In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032)

3 WORLD IN-SITU RESOURCE UTILIZATION (ISRU) TECHNOLOGY COMPANIES COMPETITIVE ANALYSIS

3.1 World In-situ Resource Utilization (ISRU) Technology Revenue by Player (2021-2026)

3.2 Industry Rank and Concentration Rate (CR)

3.2.1 Global In-situ Resource Utilization (ISRU) Technology Industry Rank of Major Players

3.2.2 Global Concentration Ratios (CR4) for In-situ Resource Utilization (ISRU) Technology in 2025

3.2.3 Global Concentration Ratios (CR8) for In-situ Resource Utilization (ISRU) Technology in 2025

3.3 In-situ Resource Utilization (ISRU) Technology Company Evaluation Quadrant

3.4 In-situ Resource Utilization (ISRU) Technology Market: Overall Company Footprint Analysis

3.4.1 In-situ Resource Utilization (ISRU) Technology Market: Region Footprint

3.4.2 In-situ Resource Utilization (ISRU) Technology Market: Company Product Type Footprint

3.4.3 In-situ Resource Utilization (ISRU) Technology Market: Company Product Application Footprint

3.5 Competitive Environment

3.5.1 Historical Structure of the Industry

3.5.2 Barriers of Market Entry

3.5.3 Factors of Competition

3.6 Mergers & Acquisitions Activity

4 UNITED STATES VS CHINA VS REST OF WORLD (BY HEADQUARTER LOCATION)

4.1 United States VS China: In-situ Resource Utilization (ISRU) Technology Revenue Comparison (by Headquarter Location)

4.1.1 United States VS China: In-situ Resource Utilization (ISRU) Technology Revenue Comparison (2021 & 2025 & 2032) (by Headquarter Location)

4.1.2 United States VS China: In-situ Resource Utilization (ISRU) Technology Revenue Market Share Comparison (2021 & 2025 & 2032)

4.2 United States Based Companies VS China Based Companies: In-situ Resource Utilization (ISRU) Technology Consumption Value Comparison

4.2.1 United States VS China: In-situ Resource Utilization (ISRU) Technology Consumption Value Comparison (2021 & 2025 & 2032)

4.2.2 United States VS China: In-situ Resource Utilization (ISRU) Technology Consumption Value Market Share Comparison (2021 & 2025 & 2032)

4.3 United States Based In-situ Resource Utilization (ISRU) Technology Companies and Market Share, 2021-2026

4.3.1 United States Based In-situ Resource Utilization (ISRU) Technology Companies, Headquarters (States, Country)

4.3.2 United States Based Companies In-situ Resource Utilization (ISRU) Technology Revenue, (2021-2026)

4.4 China Based Companies In-situ Resource Utilization (ISRU) Technology Revenue and Market Share, 2021-2026

4.4.1 China Based In-situ Resource Utilization (ISRU) Technology Companies, Company Headquarters (Province, Country)

4.4.2 China Based Companies In-situ Resource Utilization (ISRU) Technology Revenue, (2021-2026)

4.5 Rest of World Based In-situ Resource Utilization (ISRU) Technology Companies and Market Share, 2021-2026

4.5.1 Rest of World Based In-situ Resource Utilization (ISRU) Technology Companies, Headquarters (Province, Country)

4.5.2 Rest of World Based Companies In-situ Resource Utilization (ISRU) Technology Revenue (2021-2026)

5 MARKET ANALYSIS BY TYPE

5.1 World In-situ Resource Utilization (ISRU) Technology Market Size Overview by Type: 2021 VS 2025 VS 2032

5.2 Segment Introduction by Type

5.2.1 Water ISRU

5.2.2 Gas ISRU

5.2.3 Mineral ISRU

5.2.4 Metal ISRU

5.2.5 Energy ISRU

5.3 Market Segment by Type

5.3.1 World In-situ Resource Utilization (ISRU) Technology Market Size by Type (2021-2026)

5.3.2 World In-situ Resource Utilization (ISRU) Technology Market Size by Type (2027-2032)

5.3.3 World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Type (2027-2032)

6 MARKET ANALYSIS BY FUNCTIONAL CHAIN

6.1 World In-situ Resource Utilization (ISRU) Technology Market Size Overview by Functional Chain: 2021 VS 2025 VS 2032

6.2 Segment Introduction by Functional Chain

6.2.1 Resource Exploration and Mapping

6.2.2 Mining and Extraction

6.2.3 Physical/Chemical Extraction

6.2.4 In-situ Manufacturing

6.2.5 Energy and Propellant Production

6.3 Market Segment by Functional Chain

6.3.1 World In-situ Resource Utilization (ISRU) Technology Market Size by Functional Chain (2021-2026)

6.3.2 World In-situ Resource Utilization (ISRU) Technology Market Size by Functional Chain (2027-2032)

6.3.3 World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Functional Chain (2027-2032)

7 MARKET ANALYSIS BY TECHNOLOGY MATURITY

7.1 World In-situ Resource Utilization (ISRU) Technology Market Size Overview by Technology Maturity: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Technology Maturity

- 7.2.1 Concept Study Phase
- 7.2.2 Ground Validation Phase
- 7.2.3 Space Demonstration Phase
- 7.2.4 Commercial Application Phase
- 7.3 Market Segment by Technology Maturity
 - 7.3.1 World In-situ Resource Utilization (ISRU) Technology Market Size by Technology Maturity (2021-2026)
 - 7.3.2 World In-situ Resource Utilization (ISRU) Technology Market Size by Technology Maturity (2027-2032)
 - 7.3.3 World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Technology Maturity (2027-2032)

8 MARKET ANALYSIS BY APPLICATION

- 8.1 World In-situ Resource Utilization (ISRU) Technology Market Size Overview by Application: 2021 VS 2025 VS 2032
- 8.2 Segment Introduction by Application
 - 8.2.1 Lunar ISRU
 - 8.2.2 Mars ISRU
 - 8.2.3 Others
- 8.3 Market Segment by Application
 - 8.3.1 World In-situ Resource Utilization (ISRU) Technology Market Size by Application (2021-2026)
 - 8.3.2 World In-situ Resource Utilization (ISRU) Technology Market Size by Application (2027-2032)
 - 8.3.3 World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Application (2021-2032)

9 COMPANY PROFILES

- 9.1 Blue Origin
 - 9.1.1 Blue Origin Details
 - 9.1.2 Blue Origin Major Business
 - 9.1.3 Blue Origin In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.1.4 Blue Origin In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
 - 9.1.5 Blue Origin Recent Developments/Updates
 - 9.1.6 Blue Origin Competitive Strengths & Weaknesses
- 9.2 Lockheed Martin

- 9.2.1 Lockheed Martin Details
- 9.2.2 Lockheed Martin Major Business
- 9.2.3 Lockheed Martin In-situ Resource Utilization (ISRU) Technology Product and Services
- 9.2.4 Lockheed Martin In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
- 9.2.5 Lockheed Martin Recent Developments/Updates
- 9.2.6 Lockheed Martin Competitive Strengths & Weaknesses
- 9.3 ispace
 - 9.3.1 ispace Details
 - 9.3.2 ispace Major Business
 - 9.3.3 ispace In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.3.4 ispace In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
 - 9.3.5 ispace Recent Developments/Updates
 - 9.3.6 ispace Competitive Strengths & Weaknesses
- 9.4 NASA
 - 9.4.1 NASA Details
 - 9.4.2 NASA Major Business
 - 9.4.3 NASA In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.4.4 NASA In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
 - 9.4.5 NASA Recent Developments/Updates
 - 9.4.6 NASA Competitive Strengths & Weaknesses
- 9.5 Paragon Space Development Corporation
 - 9.5.1 Paragon Space Development Corporation Details
 - 9.5.2 Paragon Space Development Corporation Major Business
 - 9.5.3 Paragon Space Development Corporation In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.5.4 Paragon Space Development Corporation In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
 - 9.5.5 Paragon Space Development Corporation Recent Developments/Updates
 - 9.5.6 Paragon Space Development Corporation Competitive Strengths & Weaknesses
- 9.6 Intuitive Machines
 - 9.6.1 Intuitive Machines Details
 - 9.6.2 Intuitive Machines Major Business
 - 9.6.3 Intuitive Machines In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.6.4 Intuitive Machines In-situ Resource Utilization (ISRU) Technology Revenue,

Gross Margin and Market Share (2021-2026)

9.6.5 Intuitive Machines Recent Developments/Updates

9.6.6 Intuitive Machines Competitive Strengths & Weaknesses

9.7 Airbus Defence and Space

9.7.1 Airbus Defence and Space Details

9.7.2 Airbus Defence and Space Major Business

9.7.3 Airbus Defence and Space In-situ Resource Utilization (ISRU) Technology

Product and Services

9.7.4 Airbus Defence and Space In-situ Resource Utilization (ISRU) Technology

Revenue, Gross Margin and Market Share (2021-2026)

9.7.5 Airbus Defence and Space Recent Developments/Updates

9.7.6 Airbus Defence and Space Competitive Strengths & Weaknesses

9.8 ESA

9.8.1 ESA Details

9.8.2 ESA Major Business

9.8.3 ESA In-situ Resource Utilization (ISRU) Technology Product and Services

9.8.4 ESA In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)

9.8.5 ESA Recent Developments/Updates

9.8.6 ESA Competitive Strengths & Weaknesses

9.9 Canadian Space Agency

9.9.1 Canadian Space Agency Details

9.9.2 Canadian Space Agency Major Business

9.9.3 Canadian Space Agency In-situ Resource Utilization (ISRU) Technology Product and Services

9.9.4 Canadian Space Agency In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)

9.9.5 Canadian Space Agency Recent Developments/Updates

9.9.6 Canadian Space Agency Competitive Strengths & Weaknesses

9.10 Interlune

9.10.1 Interlune Details

9.10.2 Interlune Major Business

9.10.3 Interlune In-situ Resource Utilization (ISRU) Technology Product and Services

9.10.4 Interlune In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)

9.10.5 Interlune Recent Developments/Updates

9.10.6 Interlune Competitive Strengths & Weaknesses

9.11 KIGAM

9.11.1 KIGAM Details

- 9.11.2 KIGAM Major Business
- 9.11.3 KIGAM In-situ Resource Utilization (ISRU) Technology Product and Services
- 9.11.4 KIGAM In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
- 9.11.5 KIGAM Recent Developments/Updates
- 9.11.6 KIGAM Competitive Strengths & Weaknesses
- 9.12 CASC
 - 9.12.1 CASC Details
 - 9.12.2 CASC Major Business
 - 9.12.3 CASC In-situ Resource Utilization (ISRU) Technology Product and Services
 - 9.12.4 CASC In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026)
 - 9.12.5 CASC Recent Developments/Updates
 - 9.12.6 CASC Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 In-situ Resource Utilization (ISRU) Technology Industry Chain
- 10.2 In-situ Resource Utilization (ISRU) Technology Upstream Analysis
- 10.3 In-situ Resource Utilization (ISRU) Technology Midstream Analysis
- 10.4 In-situ Resource Utilization (ISRU) Technology Downstream Analysis

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World In-situ Resource Utilization (ISRU) Technology Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)

Table 2. World In-situ Resource Utilization (ISRU) Technology Revenue by Region (2021-2026) & (USD Million), (by Headquarter Location)

Table 3. World In-situ Resource Utilization (ISRU) Technology Revenue by Region (2027-2032) & (USD Million), (by Headquarter Location)

Table 4. World In-situ Resource Utilization (ISRU) Technology Revenue Market Share by Region (2021-2026), (by Headquarter Location)

Table 5. World In-situ Resource Utilization (ISRU) Technology Revenue Market Share by Region (2027-2032), (by Headquarter Location)

Table 6. Major Market Trends

Table 7. World In-situ Resource Utilization (ISRU) Technology Consumption Value Growth Rate Forecast by Region (2021 & 2025 & 2032) & (USD Million)

Table 8. World In-situ Resource Utilization (ISRU) Technology Consumption Value by Region (2021-2026) & (USD Million)

Table 9. World In-situ Resource Utilization (ISRU) Technology Consumption Value Forecast by Region (2027-2032) & (USD Million)

Table 10. World In-situ Resource Utilization (ISRU) Technology Revenue by Player (2021-2026) & (USD Million)

Table 11. Revenue Market Share of Key In-situ Resource Utilization (ISRU) Technology Players in 2025

Table 12. World In-situ Resource Utilization (ISRU) Technology Industry Rank of Major Player, Based on Revenue in 2025

Table 13. Global In-situ Resource Utilization (ISRU) Technology Company Evaluation Quadrant

Table 14. Head Office of Key In-situ Resource Utilization (ISRU) Technology Players

Table 15. In-situ Resource Utilization (ISRU) Technology Market: Company Product Type Footprint

Table 16. In-situ Resource Utilization (ISRU) Technology Market: Company Product Application Footprint

Table 17. In-situ Resource Utilization (ISRU) Technology Mergers & Acquisitions Activity

Table 18. United States VS China In-situ Resource Utilization (ISRU) Technology Revenue Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 19. United States VS China In-situ Resource Utilization (ISRU) Technology

Consumption Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 20. United States Based In-situ Resource Utilization (ISRU) Technology Companies, Headquarters (States, Country)

Table 21. United States Based Companies In-situ Resource Utilization (ISRU) Technology Revenue, (2021-2026) & (USD Million)

Table 22. United States Based Companies In-situ Resource Utilization (ISRU) Technology Revenue Market Share (2021-2026)

Table 23. China Based In-situ Resource Utilization (ISRU) Technology Companies, Headquarters (Province, Country)

Table 24. China Based Companies In-situ Resource Utilization (ISRU) Technology Revenue, (2021-2026) & (USD Million)

Table 25. China Based Companies In-situ Resource Utilization (ISRU) Technology Revenue Market Share (2021-2026)

Table 26. Rest of World Based In-situ Resource Utilization (ISRU) Technology Companies, Headquarters (Province, Country)

Table 27. Rest of World Based Companies In-situ Resource Utilization (ISRU) Technology Revenue (2021-2026) & (USD Million)

Table 28. Rest of World Based Companies In-situ Resource Utilization (ISRU) Technology Revenue Market Share (2021-2026)

Table 29. World In-situ Resource Utilization (ISRU) Technology Market Size by Type, (USD Million), 2021 & 2025 & 2032

Table 30. World In-situ Resource Utilization (ISRU) Technology Market Size Value by Type (2021-2026) & (USD Million)

Table 31. World In-situ Resource Utilization (ISRU) Technology Market Size by Type (2027-2032) & (USD Million)

Table 32. World In-situ Resource Utilization (ISRU) Technology Market Size by Functional Chain, (USD Million), 2021 & 2025 & 2032

Table 33. World In-situ Resource Utilization (ISRU) Technology Market Size Value by Functional Chain (2021-2026) & (USD Million)

Table 34. World In-situ Resource Utilization (ISRU) Technology Market Size by Functional Chain (2027-2032) & (USD Million)

Table 35. World In-situ Resource Utilization (ISRU) Technology Market Size by Technology Maturity, (USD Million), 2021 & 2025 & 2032

Table 36. World In-situ Resource Utilization (ISRU) Technology Market Size Value by Technology Maturity (2021-2026) & (USD Million)

Table 37. World In-situ Resource Utilization (ISRU) Technology Market Size by Technology Maturity (2027-2032) & (USD Million)

Table 38. World In-situ Resource Utilization (ISRU) Technology Market Size by Application, (USD Million), 2021 & 2025 & 2032

Table 39. World In-situ Resource Utilization (ISRU) Technology Market Size by Application (2021-2026) & (USD Million)

Table 40. World In-situ Resource Utilization (ISRU) Technology Market Size by Application (2027-2032) & (USD Million)

Table 41. Blue Origin Basic Information, Manufacturing Base and Competitors

Table 42. Blue Origin Major Business

Table 43. Blue Origin In-situ Resource Utilization (ISRU) Technology Product and Services

Table 44. Blue Origin In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 45. Blue Origin Recent Developments/Updates

Table 46. Blue Origin Competitive Strengths & Weaknesses

Table 47. Lockheed Martin Basic Information, Manufacturing Base and Competitors

Table 48. Lockheed Martin Major Business

Table 49. Lockheed Martin In-situ Resource Utilization (ISRU) Technology Product and Services

Table 50. Lockheed Martin In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 51. Lockheed Martin Recent Developments/Updates

Table 52. Lockheed Martin Competitive Strengths & Weaknesses

Table 53. ispace Basic Information, Manufacturing Base and Competitors

Table 54. ispace Major Business

Table 55. ispace In-situ Resource Utilization (ISRU) Technology Product and Services

Table 56. ispace In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 57. ispace Recent Developments/Updates

Table 58. ispace Competitive Strengths & Weaknesses

Table 59. NASA Basic Information, Manufacturing Base and Competitors

Table 60. NASA Major Business

Table 61. NASA In-situ Resource Utilization (ISRU) Technology Product and Services

Table 62. NASA In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 63. NASA Recent Developments/Updates

Table 64. NASA Competitive Strengths & Weaknesses

Table 65. Paragon Space Development Corporation Basic Information, Manufacturing Base and Competitors

Table 66. Paragon Space Development Corporation Major Business

Table 67. Paragon Space Development Corporation In-situ Resource Utilization (ISRU) Technology Product and Services

Table 68. Paragon Space Development Corporation In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 69. Paragon Space Development Corporation Recent Developments/Updates

Table 70. Paragon Space Development Corporation Competitive Strengths & Weaknesses

Table 71. Intuitive Machines Basic Information, Manufacturing Base and Competitors

Table 72. Intuitive Machines Major Business

Table 73. Intuitive Machines In-situ Resource Utilization (ISRU) Technology Product and Services

Table 74. Intuitive Machines In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 75. Intuitive Machines Recent Developments/Updates

Table 76. Intuitive Machines Competitive Strengths & Weaknesses

Table 77. Airbus Defence and Space Basic Information, Manufacturing Base and Competitors

Table 78. Airbus Defence and Space Major Business

Table 79. Airbus Defence and Space In-situ Resource Utilization (ISRU) Technology Product and Services

Table 80. Airbus Defence and Space In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 81. Airbus Defence and Space Recent Developments/Updates

Table 82. Airbus Defence and Space Competitive Strengths & Weaknesses

Table 83. ESA Basic Information, Manufacturing Base and Competitors

Table 84. ESA Major Business

Table 85. ESA In-situ Resource Utilization (ISRU) Technology Product and Services

Table 86. ESA In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 87. ESA Recent Developments/Updates

Table 88. ESA Competitive Strengths & Weaknesses

Table 89. Canadian Space Agency Basic Information, Manufacturing Base and Competitors

Table 90. Canadian Space Agency Major Business

Table 91. Canadian Space Agency In-situ Resource Utilization (ISRU) Technology Product and Services

Table 92. Canadian Space Agency In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 93. Canadian Space Agency Recent Developments/Updates

Table 94. Canadian Space Agency Competitive Strengths & Weaknesses

Table 95. Interlune Basic Information, Manufacturing Base and Competitors

Table 96. Interlune Major Business

Table 97. Interlune In-situ Resource Utilization (ISRU) Technology Product and Services

Table 98. Interlune In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 99. Interlune Recent Developments/Updates

Table 100. Interlune Competitive Strengths & Weaknesses

Table 101. KIGAM Basic Information, Manufacturing Base and Competitors

Table 102. KIGAM Major Business

Table 103. KIGAM In-situ Resource Utilization (ISRU) Technology Product and Services

Table 104. KIGAM In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 105. KIGAM Recent Developments/Updates

Table 106. KIGAM Competitive Strengths & Weaknesses

Table 107. CASC Basic Information, Manufacturing Base and Competitors

Table 108. CASC Major Business

Table 109. CASC In-situ Resource Utilization (ISRU) Technology Product and Services

Table 110. CASC In-situ Resource Utilization (ISRU) Technology Revenue, Gross Margin and Market Share (2021-2026) & (USD Million)

Table 111. CASC Recent Developments/Updates

Table 112. CASC Competitive Strengths & Weaknesses

Table 113. Global Key Players of In-situ Resource Utilization (ISRU) Technology Upstream (Raw Materials)

Table 114. Global In-situ Resource Utilization (ISRU) Technology Typical Customers

List Of Figures

LIST OF FIGURES

- Figure 1. In-situ Resource Utilization (ISRU) Technology Picture
- Figure 2. World In-situ Resource Utilization (ISRU) Technology Total Revenue: 2021 & 2025 & 2032, (USD Million)
- Figure 3. World In-situ Resource Utilization (ISRU) Technology Total Revenue (2021-2032) & (USD Million)
- Figure 4. World In-situ Resource Utilization (ISRU) Technology Revenue by Region (2021, 2025 and 2032) & (USD Million), (by Headquarter Location)
- Figure 5. World In-situ Resource Utilization (ISRU) Technology Revenue Market Share by Region (2021-2032), (by Headquarter Location)
- Figure 6. United States Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 7. China Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 8. Europe Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 9. Japan Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 10. South Korea Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 11. ASEAN Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 12. India Based Company In-situ Resource Utilization (ISRU) Technology Revenue (2021-2032) & (USD Million)
- Figure 13. In-situ Resource Utilization (ISRU) Technology Market Drivers
- Figure 14. Factors Affecting Demand
- Figure 15. World In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)
- Figure 16. World In-situ Resource Utilization (ISRU) Technology Consumption Value Market Share by Region (2021-2032)
- Figure 17. United States In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)
- Figure 18. China In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)
- Figure 19. Europe In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)

Figure 20. Japan In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)

Figure 21. South Korea In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)

Figure 22. ASEAN In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)

Figure 23. India In-situ Resource Utilization (ISRU) Technology Consumption Value (2021-2032) & (USD Million)

Figure 24. Producer Shipments of In-situ Resource Utilization (ISRU) Technology by Player Revenue (\$MM) and Market Share (%): 2025

Figure 25. Global Four-firm Concentration Ratios (CR4) for In-situ Resource Utilization (ISRU) Technology Markets in 2025

Figure 26. Global Four-firm Concentration Ratios (CR8) for In-situ Resource Utilization (ISRU) Technology Markets in 2025

Figure 27. United States VS China: In-situ Resource Utilization (ISRU) Technology Revenue Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: In-situ Resource Utilization (ISRU) Technology Consumption Value Market Share Comparison (2021 & 2025 & 2032)

Figure 29. World In-situ Resource Utilization (ISRU) Technology Market Size by Type, (USD Million), 2021 & 2025 & 2032

Figure 30. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Type in 2025

Figure 31. Water ISRU

Figure 32. Gas ISRU

Figure 33. Mineral ISRU

Figure 34. Metal ISRU

Figure 35. Energy ISRU

Figure 36. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Type (2021-2032)

Figure 37. World In-situ Resource Utilization (ISRU) Technology Market Size by Functional Chain, (USD Million), 2021 & 2025 & 2032

Figure 38. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Functional Chain in 2025

Figure 39. Resource Exploration and Mapping

Figure 40. Mining and Extraction

Figure 41. Physical/Chemical Extraction

Figure 42. In-situ Manufacturing

Figure 43. Energy and Propellant Production

Figure 44. World In-situ Resource Utilization (ISRU) Technology Market Size Market

Share by Functional Chain (2021-2032)

Figure 45. World In-situ Resource Utilization (ISRU) Technology Market Size by Technology Maturity, (USD Million), 2021 & 2025 & 2032

Figure 46. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Technology Maturity in 2025

Figure 47. Concept Study Phase

Figure 48. Ground Validation Phase

Figure 49. Space Demonstration Phase

Figure 50. Commercial Application Phase

Figure 51. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Technology Maturity (2021-2032)

Figure 52. World In-situ Resource Utilization (ISRU) Technology Market Size by Application, (USD Million), 2021 & 2025 & 2032

Figure 53. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Application in 2025

Figure 54. Lunar ISRU

Figure 55. Mars ISRU

Figure 56. Others

Figure 57. World In-situ Resource Utilization (ISRU) Technology Market Size Market Share by Application (2021-2032)

Figure 58. In-situ Resource Utilization (ISRU) Technology Industrial Chain

Figure 59. Methodology

Figure 60. Research Process and Data Source

I would like to order

Product name: Global In-situ Resource Utilization (ISRU) Technology Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/GB3C96AD59D7EN.html>

Price: US\$ 4,480.00 (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/GB3C96AD59D7EN.html>