

Europe Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/E59562F79DE9EN.html>

Date: November 2021

Pages: 144

Price: US\$ 2,295.00 (Single User License)

ID: E59562F79DE9EN

Abstracts

Europe Industry 4.0 market was valued at \$24.5 billion in 2020 and will grow by 16.4% annually over 2020-2030 owing to the improved operational efficiency and productivity, rising R&D investment, and significant technological advancements in Internet of Things (IoT), 3D printing industry, Artificial Intelligence (AI), big data, 5G network, extended reality including AR & VR, and machine learning.

Highlighted with 36 tables and 80 figures, this 144-page report “Europe Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Europe Industry 4.0 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 2017-2019 and provides estimate for 2020 and forecast from 2021 till 2030 with 2019 as the base year (Year 2020 is not appropriate for research base due to the outbreak of COVID-19).

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. The balanced (most likely) projection is used to quantify Europe Industry 4.0 market in every aspect of the classification from perspectives of Component, Technology, Application, Industry Vertical, Enterprise Size, and Country.

Based on Component, the Europe market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Hardware

Software & Solutions

Industrial Automation Solutions

Smart Factory Solutions

Industrial IoT Solutions

Services

Implementation & Integration

Support & Maintenance

Consulting & Training

Based on Technology, the Europe market is segmented into the following sub-markets

with annual revenue (\$ bn) for 2019-2030 included in each section.

Industrial Robotics

Articulated Robots

Cartesian/Gantry/Rectangular Arm Robots

SCARA Robots

Cylindrical Robots

Delta/Parallel Robots

Collaborative Robots

Other Robotics

Industrial Internet of Things (IIoT)

Data Management Solutions for Analytics

Distribution Management System

Manufacturing Execution System (MES)

Asset and Resource Optimization

Product Lifecycle Management

Remote Monitoring

Retail Management System

Predictive Maintenance

Other Applications

AI & ML

Blockchain

Extended Reality (ER)

Digital Twin

3D Printing

Advanced Human–Machine Interface (HMI)

Industrial Sensors

Other Technology Types

Based on Application, the Europe market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Mapping & Modeling

Quality Control & Inspection

Reverse Engineering

Other Applications

Based on Industry Vertical, the Europe market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Manufacturing

Automotive

Oil and Gas

Energy and Utilities

Electronics and Foundry

Food and Beverage

Aerospace and Defense

Other Industry Verticals

Based on Enterprise Size, the Europe market is segmented into the following sub-markets with annual revenue (\$ bn) for 2019-2030 included in each section.

Small & Medium Enterprises

Large Enterprises

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 (\$ bn) are available for 2019-2030. The breakdown of key national markets by Technology, Industry Vertical, and Enterprise Size 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.

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

ABB Ltd.

Cisco Systems, Inc.

Cognex Corporation

Denso Corporation

Emerson Electric Company

Fanuc Corporation

General Electric Company

Hewlett Packard Enterprise Company

Honeywell International Inc.

Intel Corporation

International Business Machines Corporation

Johnson Controls International PLC

Microsoft Corporation

Mitsubishi Electric Corp

Qualcomm Technologies, Inc.

Robert Bosch GmbH

Rockwell Automation Inc.

Schneider Electric

Siemens AG

Swisslog Holding AG (Kuka AG)

(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 DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF EUROPE MARKET BY COMPONENT

- 3.1 Market Overview by Component
- 3.2 Hardware
- 3.3 Software & Solutions
 - 3.3.1 Industrial Automation Solutions
 - 3.3.2 Smart Factory Solutions
 - 3.3.3 Industrial IoT Solutions
- 3.4 Services
 - 3.4.1 Implementation & Integration
 - 3.4.2 Support & Maintenance
 - 3.4.3 Consulting & Training

4 SEGMENTATION OF EUROPE MARKET BY TECHNOLOGY

- 4.1 Market Overview by Technology
- 4.2 Industrial Robotics
 - 4.2.1 Articulated Robots
 - 4.2.2 Cartesian/Gantry/Rectangular Arm Robots
 - 4.2.3 SCARA Robots
 - 4.2.4 Cylindrical Robots
 - 4.2.5 Delta/Parallel Robots
 - 4.2.6 Collaborative Robots
 - 4.2.7 Other Robotics
- 4.3 Industrial Internet of Things (IIoT)
 - 4.3.1 Data Management Solutions for Analytics
 - 4.3.2 Distribution Management System
 - 4.3.3 Manufacturing Execution System (MES)
 - 4.3.4 Asset and Resource Optimization
 - 4.3.5 Product Lifecycle Management
 - 4.3.6 Remote Monitoring
 - 4.3.7 Retail Management System
 - 4.3.8 Predictive Maintenance
 - 4.3.9 Other Applications
- 4.4 AI & ML
- 4.5 Blockchain
- 4.6 Extended Reality (ER)
- 4.7 Digital Twin
- 4.8 3D Printing
- 4.9 Advanced Human–Machine Interface (HMI)
- 4.10 Industrial Sensors
- 4.11 Other Technology Types

5 SEGMENTATION OF EUROPE MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Mapping & Modeling
- 5.3 Quality Control & Inspection
- 5.4 Reverse Engineering
- 5.5 Other Applications

6 SEGMENTATION OF EUROPE MARKET BY INDUSTRY VERTICAL

- 6.1 Market Overview by Industry Vertical
- 6.2 Manufacturing
- 6.3 Automotive
- 6.4 Oil and Gas
- 6.5 Energy and Utilities
- 6.6 Electronics and Foundry
- 6.7 Food and Beverage
- 6.8 Aerospace and Defense
- 6.9 Other Industry Verticals

7 SEGMENTATION OF EUROPE MARKET BY ENTERPRISE SIZE

- 7.1 Market Overview by Enterprise Size
- 7.2 Small & Medium Enterprises
- 7.3 Large Enterprises

8 EUROPEAN MARKET 2019-2030 BY COUNTRY

- 8.1 Overview of European Market
- 8.2 Germany
- 8.3 U.K.
- 8.4 France
- 8.5 Spain
- 8.6 Italy
- 8.7 Russia
- 8.8 Rest of European Market

9 COMPETITIVE LANDSCAPE

- 9.1 Overview of Key Vendors
- 9.2 New Product Launch, Partnership, Investment, and M&A
- 9.3 Company Profiles
 - ABB Ltd.
 - Cisco Systems, Inc.
 - Cognex Corporation
 - Denso Corporation
 - Emerson Electric Company

Fanuc Corporation
General Electric Company
Hewlett Packard Enterprise Company
Honeywell International Inc.
Intel Corporation
International Business Machines Corporation
Johnson Controls International PLC
Microsoft Corporation
Mitsubishi Electric Corp
Qualcomm Technologies, Inc.
Robert Bosch GmbH
Rockwell Automation Inc.
Schneider Electric
Siemens AG
Swisslog Holding AG (Kuka AG)
RELATED REPORTS

List Of Tables

LIST OF TABLES:

- Table 1. Snapshot of Europe Industry 4.0 Market in Balanced Perspective, 2019-2030
- Table 2. Growth Rate of World GDP, 2020-2022
- Table 3. Main Product Trends and Market Opportunities in Europe Industry 4.0 Market
- Table 4. Europe Industry 4.0 Market by Component, 2019-2030, \$ bn
- Table 5. Europe Industry 4.0 Market: Software & Solutions by Type, 2019-2030, \$ bn
- Table 6. Europe Industry 4.0 Market: Services by Type, 2019-2030, \$ bn
- Table 7. Europe Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 8. Europe Industry 4.0 Market: Industrial Robotics by Robot Type, 2019-2030, \$ bn
- Table 9. Europe Industry 4.0 Market: Industrial Internet of Things (IIoT) by Application, 2019-2030, \$ bn
- Table 10. Europe Industry 4.0 Market by Application, 2019-2030, \$ bn
- Table 11. Europe Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 12. Europe Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 13. Europe Industry 4.0 Market by Country, 2019-2030, \$ bn
- Table 14. Germany Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 15. Germany Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 16. Germany Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 17. U.K. Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 18. U.K. Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 19. U.K. Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 20. France Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 21. France Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 22. France Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 23. Spain Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 24. Spain Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 25. Spain Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 26. Italy Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 27. Italy Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 28. Italy Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 29. Russia Industry 4.0 Market by Technology, 2019-2030, \$ bn
- Table 30. Russia Industry 4.0 Market by Industry Vertical, 2019-2030, \$ bn
- Table 31. Russia Industry 4.0 Market by Enterprise Size, 2019-2030, \$ bn
- Table 32. Industry 4.0 Market in Rest of Europe by Country, 2019-2030, \$ bn
- Table 33. ABB Ltd.: Company Snapshot

Table 34. ABB Ltd.: Business Segmentation

Table 35. ABB Ltd.: Product Portfolio

Table 36. ABB Ltd.: Revenue, 2018-2020, \$ bn

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. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 4. Europe Industry 4.0 Market, 2019-2030, \$ bn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Europe Industry 4.0 Market

Figure 7. World 5G Technology Market, 2019-2030, \$ bn

Figure 8. World Smart Factory Market, 2019-2026, \$ mn

Figure 9. Primary Restraints and Impact Factors of Europe Industry 4.0 Market

Figure 10. Investment Opportunity Analysis

Figure 11. Porter's Five Forces Analysis of Europe Industry 4.0 Market

Figure 12. Breakdown of Europe Industry 4.0 Market by Component, 2019-2030, % of Revenue

Figure 13. Europe Addressable Market Cap in 2021-2030 by Component, Value (\$ bn) and Share (%)

Figure 14. Europe Industry 4.0 Market by Component: Hardware, 2019-2030, \$ bn

Figure 15. Europe Industry 4.0 Market by Component: Software & Solutions, 2019-2030, \$ bn

Figure 16. Europe Industry 4.0 Market by Software & Solutions: Industrial Automation Solutions, 2019-2030, \$ bn

Figure 17. Europe Industry 4.0 Market by Software & Solutions: Smart Factory Solutions, 2019-2030, \$ bn

Figure 18. Europe Industry 4.0 Market by Software & Solutions: Industrial IoT Solutions, 2019-2030, \$ bn

Figure 19. Europe Industry 4.0 Market by Component: Services, 2019-2030, \$ bn

Figure 20. Europe Industry 4.0 Market by Services: Implementation & Integration, 2019-2030, \$ bn

Figure 21. Europe Industry 4.0 Market by Services: Support & Maintenance, 2019-2030, \$ bn

Figure 22. Europe Industry 4.0 Market by Services: Consulting & Training, 2019-2030, \$ bn

Figure 23. Breakdown of Europe Industry 4.0 Market by Technology, 2019-2030, % of Sales Revenue

Figure 24. Europe Addressable Market Cap in 2021-2030 by Technology, Value (\$ bn)

and Share (%)

Figure 25. Europe Industry 4.0 Market by Technology: Industrial Robotics, 2019-2030, \$ bn

Figure 26. Europe Industry 4.0 Market by Industrial Robotics: Articulated Robots, 2019-2030, \$ bn

Figure 27. Europe Industry 4.0 Market by Industrial Robotics: Cartesian/Gantry/Rectangular Arm Robots, 2019-2030, \$ bn

Figure 28. Europe Industry 4.0 Market by Industrial Robotics: SCARA Robots, 2019-2030, \$ bn

Figure 29. Europe Industry 4.0 Market by Industrial Robotics: Cylindrical Robots, 2019-2030, \$ bn

Figure 30. Europe Industry 4.0 Market by Industrial Robotics: Delta/Parallel Robots, 2019-2030, \$ bn

Figure 31. Europe Industry 4.0 Market by Industrial Robotics: Collaborative Robots, 2019-2030, \$ bn

Figure 32. Europe Industry 4.0 Market by Industrial Robotics: Other Robotics, 2019-2030, \$ bn

Figure 33. Europe Industry 4.0 Market by Technology: Industrial Internet of Things (IIoT), 2019-2030, \$ bn

Figure 34. Europe Industry 4.0 Market by IIoT: Data Management Solutions for Analytics, 2019-2030, \$ bn

Figure 35. Europe Industry 4.0 Market by IIoT: Distribution Management System, 2019-2030, \$ bn

Figure 36. Europe Industry 4.0 Market by IIoT: Manufacturing Execution System (MES), 2019-2030, \$ bn

Figure 37. Europe Industry 4.0 Market by IIoT: Asset and Resource Optimization, 2019-2030, \$ bn

Figure 38. Europe Industry 4.0 Market by IIoT: Product Lifecycle Management, 2019-2030, \$ bn

Figure 39. Europe Industry 4.0 Market by IIoT: Remote Monitoring, 2019-2030, \$ bn

Figure 40. Europe Industry 4.0 Market by IIoT: Retail Management System, 2019-2030, \$ bn

Figure 41. Europe Industry 4.0 Market by IIoT: Predictive Maintenance, 2019-2030, \$ bn

Figure 42. Europe Industry 4.0 Market by IIoT: Other Applications, 2019-2030, \$ bn

Figure 43. Europe Industry 4.0 Market by Technology: AI & ML, 2019-2030, \$ bn

Figure 44. Europe Industry 4.0 Market by Technology: Blockchain, 2019-2030, \$ bn

Figure 45. Europe Industry 4.0 Market by Technology: Extended Reality (ER), 2019-2030, \$ bn

Figure 46. Europe Industry 4.0 Market by Technology: Digital Twin, 2019-2030, \$ bn

Figure 47. Europe Industry 4.0 Market by Technology: 3D Printing, 2019-2030, \$ bn

Figure 48. Europe Industry 4.0 Market by Technology: Advanced Human–Machine Interface (HMI), 2019-2030, \$ bn

Figure 49. Europe Industry 4.0 Market by Technology: Industrial Sensors, 2019-2030, \$ bn

Figure 50. Europe Industry 4.0 Market by Technology: Other Technology Types, 2019-2030, \$ bn

Figure 51. Breakdown of Europe Industry 4.0 Market by Application, 2019-2030, % of Sales Revenue

Figure 52. Europe Addressable Market Cap in 2021-2030 by Application, Value (\$ bn) and Share (%)

Figure 53. Europe Industry 4.0 Market by Application: Mapping & Modeling, 2019-2030, \$ bn

Figure 54. Europe Industry 4.0 Market by Application: Quality Control & Inspection, 2019-2030, \$ bn

Figure 55. Europe Industry 4.0 Market by Application: Reverse Engineering, 2019-2030, \$ bn

Figure 56. Europe Industry 4.0 Market by Application: Other Applications, 2019-2030, \$ bn

Figure 57. Breakdown of Europe Industry 4.0 Market by Industry Vertical, 2019-2030, % of Revenue

Figure 58. Europe Addressable Market Cap in 2021-2030 by Industry Vertical, Value (\$ bn) and Share (%)

Figure 59. Europe Industry 4.0 Market by Industry Vertical: Manufacturing, 2019-2030, \$ bn

Figure 60. Europe Industry 4.0 Market by Industry Vertical: Automotive, 2019-2030, \$ bn

Figure 61. Europe Industry 4.0 Market by Industry Vertical: Oil and Gas, 2019-2030, \$ bn

Figure 62. Europe Industry 4.0 Market by Industry Vertical: Energy and Utilities, 2019-2030, \$ bn

Figure 63. Europe Industry 4.0 Market by Industry Vertical: Electronics and Foundry, 2019-2030, \$ bn

Figure 64. Europe Industry 4.0 Market by Industry Vertical: Food and Beverage, 2019-2030, \$ bn

Figure 65. Europe Industry 4.0 Market by Industry Vertical: Aerospace and Defense, 2019-2030, \$ bn

Figure 66. Europe Industry 4.0 Market by Industry Vertical: Other Industry Verticals, 2019-2030, \$ bn

Figure 67. Breakdown of Europe Industry 4.0 Market by Enterprise Size, 2019-2030, % of Revenue

Figure 68. Europe Addressable Market Cap in 2021-2030 by Enterprise Size, Value (\$ bn) and Share (%)

Figure 69. Europe Industry 4.0 Market by Enterprise Size: Small & Medium Enterprises, 2019-2030, \$ bn

Figure 70. Europe Industry 4.0 Market by Enterprise Size: Large Enterprises, 2019-2030, \$ bn

Figure 71. Breakdown of European Industry 4.0 Market by Country, 2019 and 2030, % of Revenue

Figure 72. Contribution to Europe 2021-2030 Cumulative Market by Country, Value (\$ bn) and Share (%)

Figure 73. Industry 4.0 Market in Germany, 2019-2030, \$ bn

Figure 74. Industry 4.0 Market in U.K., 2019-2030, \$ bn

Figure 75. Industry 4.0 Market in France, 2019-2030, \$ bn

Figure 76. Industry 4.0 Market in Spain, 2019-2030, \$ bn

Figure 77. Industry 4.0 Market in Italy, 2019-2030, \$ bn

Figure 78. Industry 4.0 Market in Russia, 2019-2030, \$ bn

Figure 79. Industry 4.0 Market in Rest of Europe, 2019-2030, \$ bn

Figure 80. Growth Stage of Europe Industry 4.0 Industry over the Forecast Period

I would like to order

Product name: Europe Industry 4.0 Market 2020-2030 by Component (Hardware, Software, Service), Technology (Robotics, IIoT, AI & ML, Blockchain, ER, 3D Printing, HMI), Application, Industry Vertical, Enterprise Size, and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/E59562F79DE9EN.html>

Price: US\$ 2,295.00 (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/E59562F79DE9EN.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