

# Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Radio Technology, Deployment Mode, 5G Application, End User, and Country: Trend Forecast and Growth Opportunity

https://marketpublishers.com/r/E040E39DAFEEEN.html

Date: May 2020 Pages: 114 Price: US\$ 2,448.00 (Single User License) ID: E040E39DAFEEEN

# Abstracts

Europe small cell 5G network market reached \$75.4 million in 2019 and will grow by 51.2% over 2020-2030 owing to the rising need for the next-generation of wireless communication.

Highlighted with 41 tables and 52 figures, this 114-page report "Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Radio Technology, Deployment Mode, 5G Application, End User, and Country: Trend Forecast and Growth Opportunity" is based on a comprehensive research of the entire Europe small cell 5G network 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 2015-2019 and provides forecast from 2020 till 2030 with 2019 as the base year. (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** 

Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Rad..



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 small cell 5G network market in every aspect of the classification from perspectives of Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Radio Technology, Deployment Mode, 5G Application, End User, and Country.

Based on offering, the Europe market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Solutions

Services

Training and Support

Consulting

Integration and Deployment

Based on cell type, the Europe market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Femto Cells

**Pico Cells** 

Micro Cells

Based on frequency band, the Europe market is segmented into the following submarkets with annual revenue for 2019-2030 included in each section.



Millimeter Wave (mmWave)

Mid Band

Low Band

Based on radio technology, the Europe market is segmented into the following submarkets with annual revenue for 2019-2030 included in each section.

Standalone Technology

Non-Standalone Technology

Based on deployment mode, the Europe market is segmented into the following submarkets with annual revenue for 2019-2030 included in each section.

Indoor Small Cells

Outdoor Small Cells

Based on application, the Europe market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Enhanced Mobile Broadband (EMBB)

Massive Machine-type Communications (MMTC)

Ultra-reliable Low-latency Communication (URLLC)

Based on end user, the Europe market is segmented into the following sub-markets with annual revenue for 2019-2030 included in each section.

Residential

Enterprises

Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Rad...



#### Government

Geographically, the following national/local markets are fully investigated:

Germany UK France Spain Italy Russia

Rest of Europe (further segmented into Belgium, Denmark, Austria, Norway, Sweden, The Netherlands, Poland, Czech Republic, Slovakia, Hungary, and Romania)

For each of the aforementioned countries, detailed analysis and data for annual revenue are available for 2019-2030. The breakdowns of key national markets by Cell Type (Femto, Pico, Micro), Frequency Band, and End User 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 Europe small cell 5G network 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): Airspan Networks Inc. **Baicells Technologies** Cisco Systems Inc. Comba Telecom CommScope Contela Corning Ericsson **Fujitsu Limited** Huawei Technologies Co., Ltd. **IP.Access NEC** Corporation Nokia Corporation Samsung Electronics Co. Ltd. **ZTE** Corporation

(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
- 2.2 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 OFFERING**

- 3.1 Market Overview by Offering
- 3.2 Solutions
- 3.3 Services

# 4 SEGMENTATION OF EUROPE MARKET BY CELL TYPE

- 4.1 Market Overview by Cell Type
- 4.2 Femto Cells
- 4.3 Pico Cells
- 4.4 Micro Cells

# **5 SEGMENTATION OF EUROPE MARKET BY FREQUENCY BAND**

Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Rad.



- 5.1 Market Overview by Frequency Band
- 5.2 Millimeter Wave (mmWave)
- 5.3 Mid Band
- 5.4 Low Band

### **6 SEGMENTATION OF EUROPE MARKET BY RADIO TECHNOLOGY**

- 6.1 Market Overview by Radio Technology
- 6.2 Standalone Technology
- 6.3 Non-Standalone Technology

#### 7 SEGMENTATION OF EUROPE MARKET BY DEPLOYMENT MODE

- 7.1 Market Overview by Deployment Mode
- 7.2 Indoor Small Cells
- 7.3 Outdoor Small Cells

#### **8 SEGMENTATION OF EUROPE MARKET BY 5G APPLICATION**

- 8.1 Market Overview by 5G Application
- 8.2 Enhanced Mobile Broadband (EMBB)
- 8.3 Massive Machine-type Communications (MMTC)
- 8.4 Ultra-reliable Low-latency Communication (URLLC)

#### 9 SEGMENTATION OF EUROPE MARKET BY END USER

- 9.1 Market Overview by End User
- 9.2 Residential
- 9.3 Enterprises
- 9.4 Government

#### 10 EUROPEAN MARKET 2019-2030 BY COUNTRY

- 10.1 Overview of European Market
- 10.2 Germany
- 10.3 UK
- 10.4 France
- 10.5 Spain

Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Rad..



10.6 Italy 10.7 Russia 10.8 Rest of European Market

#### **11 COMPETITIVE LANDSCAPE**

11.1 Overview of Key Vendors 11.2 New Product Launch, Partnership, Investment, and M&A **11.3 Company Profiles** Airspan Networks Inc. **Baicells Technologies** Cisco Systems Inc. Comba Telecom CommScope Contela Corning Ericsson Fujitsu Limited Huawei Technologies Co., Ltd. **IP.Access NEC** Corporation Nokia Corporation Samsung Electronics Co. Ltd. **ZTE** Corporation

#### 12 INVESTING IN EUROPE MARKET: RISK ASSESSMENT AND MANAGEMENT

12.1 Risk Evaluation of Europe Market12.2 Critical Success Factors (CSFs)Related Reports and Products

Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Rad...



# **List Of Tables**

#### LIST OF TABLES

Table 1. Snapshot of Europe Small Cell 5G Network Market, 2019-2030 Table 2. Comparison of Average Download Speed of 3G, 4G, and 5G Table 3. World Smartphone Connections, Average Network Connection Speed for Smartphones and Tablets, 2019-2030 Table 4. World Mobile Data Traffic by Deployment Mode, 2019-2030, EB/year Table 5. World Mobile Data Traffic by Device, 2019-2030, EB/year Table 6. Main Product Trends and Market Opportunities in Europe Small Cell 5G **Network Market** Table 7. Europe Small Cell 5G Network Market by Offering, 2019-2030, \$ bn Table 8. Europe Small Cell 5G Network Market: Services by Type, 2019-2030, \$ bn Table 9. Europe Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 10. Europe Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 11. Europe Small Cell 5G Network Market by Radio Technology, 2019-2030, \$ bn Table 12. Europe Small Cell 5G Network Market by Deployment Mode, 2019-2030, \$ bn Table 13. Europe Market by 5G Application, 2019-2030, \$ bn Table 14. Europe Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 15. Europe Small Cell 5G Network Market by Country, 2019-2030, \$ bn Table 16. Germany Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 17. Germany Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 18. Germany Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 19. UK Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 20. UK Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 21. UK Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 22. France Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 23. France Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 24. France Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 25. Spain Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 26. Spain Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 27. Spain Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 28. Italy Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 29. Italy Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn Table 30. Italy Small Cell 5G Network Market by End User, 2019-2030, \$ bn Table 31. Russia Small Cell 5G Network Market by Cell Type, 2019-2030, \$ bn Table 32. Russia Small Cell 5G Network Market by Frequency Band, 2019-2030, \$ bn



- Table 33. Russia Small Cell 5G Network Market by End User, 2019-2030, \$ bn
- Table 34. Small Cell 5G Network Market in Rest of Europe by Country, 2019-2030, \$ bn
- Table 35. Airspan Networks Inc.: Company Snapshot
- Table 36. Airspan Networks Inc.: Business Segmentation
- Table 37. Airspan Networks Inc.: Product Portfolio
- Table 38. Airspan Networks Inc.: Revenue, 2016-2018, \$ bn
- Table 39. Airspan Networks Inc.: Recent Developments
- Table 40. Risk Evaluation for Investing in Europe Market, 2019-2030
- Table 41. 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. Europe Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Europe Small Cell 5G Network Market, 2019-2030, \$ bn

Figure 6. Primary Drivers and Impact Factors of Europe Small Cell 5G Network Market

Figure 7. World 5G Traffic, 2019-2030, EB/year

Figure 8. Primary Restraints and Impact Factors of Europe Small Cell 5G Network Market

Figure 9. Porter's Fiver Forces Analysis of Europe Small Cell 5G Network Market

Figure 10. Breakdown of Europe Small Cell 5G Network Market by Offering, 2019-2030, % of Revenue

Figure 11. Europe Addressable Market Cap in 2020-2030 by Offering, Value (\$ bn) and Share (%)

Figure 12. Europe Small Cell 5G Network Market: Solutions, 2019-2030, \$ bn

Figure 13. Europe Small Cell 5G Network Market: Services, 2019-2030, \$ bn

Figure 14. Breakdown of Europe Small Cell 5G Network Market by Cell Type, 2019-2030, % of Revenue

Figure 15. Europe Addressable Market Cap in 2020-2030 by Cell Type, Value (\$ bn) and Share (%)

Figure 16. Europe Small Cell 5G Network Market: Femto Cells, 2019-2030, \$ bn

Figure 17. Europe Small Cell 5G Network Market: Pico Cells, 2019-2030, \$ bn

Figure 18. Europe Small Cell 5G Network Market: Micro Cells, 2019-2030, \$ bn

Figure 19. Breakdown of Europe Small Cell 5G Network Market by Frequency Band, 2019-2030, % of Sales Revenue

Figure 20. Europe Addressable Market Cap in 2020-2030 by Frequency Band, Value (\$ bn) and Share (%)

Figure 21. Europe Small Cell 5G Network Market: Millimeter Wave (mmWave), 2019-2030, \$ bn

Figure 22. Europe Small Cell 5G Network Market: Mid Band, 2019-2030, \$ bn

Figure 23. Europe Small Cell 5G Network Market: Low Band, 2019-2030, \$ bn

Figure 24. Breakdown of Europe Small Cell 5G Network Market by Radio Technology, 2019-2030, % of Sales Revenue

Figure 25. Europe Addressable Market Cap in 2020-2030 by Radio Technology, Value



(\$ bn) and Share (%)

Figure 26. Europe Small Cell 5G Network Market: Standalone Technology, 2019-2030, \$ bn

Figure 27. Europe Small Cell 5G Network Market: Non-Standalone Technology,

2019-2030, \$ bn

Figure 28. Breakdown of Europe Small Cell 5G Network Market by Deployment Mode, 2019-2030, % of Revenue

Figure 29. Europe Addressable Market Cap in 2020-2030 by Deployment Mode, Value (\$ bn) and Share (%)

Figure 30. Europe Small Cell 5G Network Market: Indoor Small Cells, 2019-2030, \$ bn Figure 31. Europe Small Cell 5G Network Market: Outdoor Small Cells, 2019-2030, \$ bn Figure 32. Breakdown of Europe Market by 5G Application, 2019-2030, % of Revenue

Figure 33. Europe Addressable Market Cap in 2020-2030 by 5G Application, Value (\$ bn) and Share (%)

Figure 34. Europe Small Cell 5G Network Market: Enhanced Mobile Broadband (EMBB), 2019-2030, \$ bn

Figure 35. Europe Small Cell 5G Network Market: Massive Machine-type Communications (MMTC), 2019-2030, \$ bn

Figure 36. Europe Small Cell 5G Network Market: Ultra-reliable Low-latency Communication (URLLC), 2019-2030, \$ bn

Figure 37. Breakdown of Europe Small Cell 5G Network Market by End User,

2019-2030, % of Revenue

Figure 38. Europe Addressable Market Cap in 2020-2030 by End User, Value (\$ bn) and Share (%)

Figure 39. Europe Small Cell 5G Network Market: Residential, 2019-2030, \$ bn

Figure 40. Europe Small Cell 5G Network Market: Enterprises, 2019-2030, \$ bn

Figure 41. Europe Small Cell 5G Network Market: Government, 2019-2030, \$ bn

Figure 42. Breakdown of European Small Cell 5G Network Market by Country, 2019 and 2030, % of Revenue

Figure 43. Contribution to Europe 2020-2030 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

- Figure 44. Small Cell 5G Network Market in Germany, 2019-2030, \$ bn
- Figure 45. Small Cell 5G Network Market in UK, 2019-2030, \$ bn
- Figure 46. Small Cell 5G Network Market in France, 2019-2030, \$ bn
- Figure 47. Small Cell 5G Network Market in Spain, 2019-2030, \$ bn
- Figure 48. Small Cell 5G Network Market in Italy, 2019-2030, \$ bn
- Figure 49. Small Cell 5G Network Market in Russia, 2019-2030, \$ bn

Figure 50. Small Cell 5G Network Market in Rest of Europe, 2019-2030, \$ bn

Figure 51. Growth Stage of Europe Small Cell 5G Network Industry over the Forecast



Period Figure 52. Key Players in Small Cell 5G Network Supply Chain



### I would like to order

Product name: Europe Small Cell 5G Network Market 2020-2030 by Offering, Cell Type (Femto, Pico, Micro), Frequency Band, Radio Technology, Deployment Mode, 5G Application, End User, and Country: Trend Forecast and Growth Opportunity

Product link: https://marketpublishers.com/r/E040E39DAFEEEN.html

Price: US\$ 2,448.00 (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 <u>https://marketpublishers.com/r/E040E39DAFEEEN.html</u>

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 <u>https://marketpublishers.com/docs/terms.html</u>

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