

Emerging Technologies in Smart Cities: Asia Pacific Market 2020-2030 by Technology (IoT, Cloud, AI, Big Data, 5G, Edge Computing), Deployment Mode, Application (Transportation, Utilities, Governance, Home & Building, Citizen Service) and Country

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Abstracts

Asia Pacific emerging technologies in smart cities market will grow by 32.2% annually with a total addressable market cap of \$6,970.3 billion over 2020-2030 owing to the rising urbanization & government initiatives, fast development of smart cities, and emerging technological advancements.

Highlighted with 41 tables and 76 figures, this 158-page report “Emerging Technologies in Smart Cities: Asia Pacific Market 2020-2030 by Technology (IoT, Cloud, AI, Big Data, 5G, Edge Computing), Deployment Mode, Application (Transportation, Utilities, Governance, Home & Building, Citizen Service) and Country” is based on a holistic research of the entire Asia Pacific emerging technologies in smart cities 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 2016-2019 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

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of Asia Pacific 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 Asia Pacific emerging technologies in smart cities market in every aspect of the classification from perspectives of Technology, Deployment Mode, Application, and Country.

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

Internet of Things (IoT)

Satellite Network

Cellular Network

Radio Frequency Identification

Near Field Communication

Wi-Fi

Cloud Technology

Artificial Intelligence (AI)

Deep Machine Learning

Artificial Neural Network

Voice Recognition

Pattern Recognition

Natural Language Processing

Context Aware Processing

Other AI Technologies

Big Data Analytics

5G Technology

High Performance Computing

Edge Computing

Quantum Computing

Other Technologies

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

Cloud Based Deployment

On Premises Deployment

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

Smart Transportation

Parking Management

Ticketing & Travel Management

Traffic Management

Passenger Information Management System

Freight Information System

Other Smart Transportation Systems

Smart Utilities

Energy management

Advanced Metering Infrastructure

Smart Grid

Water Management

Distribution Management

Other Smart Utilities

Smart Governance

E-Governance Solutions

Smart Public Safety

Law Enforcement

City Planning

Other Governance Services

Smart Home & Building

Building Automation System

Energy Management Systems

Parking Management System

Emergency Management System

Other Smart Building Systems

Smart Citizen Service

Smart Education

Smart Healthcare

Emergency Response System

Video Surveillance System

Assisted Living Solution

Other Citizen Services

Smart Mobility

Electric Vehicle Charging

Tunnel Management

Tolling Management

Other Mobility Solutions

Other Applications

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

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, and Sri Lanka)

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, Deployment Mode, and Application 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 Asia Pacific emerging technologies in smart cities 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):

ABB Ltd.

Accenture Plc

Alphabet Inc.

AT&T

Cisco Systems Inc.

Ericsson

Foxconn Electronics Inc.

Fujitsu Ltd.

General Electric Company

Hitachi

Honeywell

Huawei Technologies

IBM Corporation

INTEL Corporation

LG Electronics Inc.

Microsoft Corp.

Oracle Corp.

Qualcomm Technologies Inc.

Schneider Electric SE

Siemens AG

Toshiba 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
 - 2.1.1 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 ASIA PACIFIC MARKET BY TECHNOLOGY

- 3.1 Market Overview by Technology
- 3.2 Internet of Things (IoT)
- 3.3 Cloud Technology
- 3.4 Artificial Intelligence (AI)
- 3.5 Big Data Analytics
- 3.6 5G Technology
- 3.7 High Performance Computing
- 3.8 Edge Computing
- 3.9 Quantum Computing
- 3.10 Other Technologies

4 SEGMENTATION OF ASIA PACIFIC MARKET BY DEPLOYMENT MODE

- 4.1 Market Overview by Deployment Mode
- 4.2 Cloud Based Deployment
- 4.3 On Premises Deployment

5 SEGMENTATION OF ASIA PACIFIC MARKET BY APPLICATION

- 5.1 Market Overview by Application
- 5.2 Smart Transportation
 - 5.2.1 Parking Management
 - 5.2.2 Ticketing & Travel Management
 - 5.2.3 Traffic Management
 - 5.2.4 Passenger Information Management System
 - 5.2.5 Freight Information System
 - 5.2.6 Other Smart Transportation Systems
- 5.3 Smart Utilities
 - 5.3.1 Energy management
 - 5.3.2 Advanced Metering Infrastructure
 - 5.3.3 Smart Grid
 - 5.3.4 Water Management
 - 5.3.5 Distribution Management
 - 5.3.6 Other Smart Utilities
- 5.4 Smart Governance
 - 5.4.1 E-Governance Solutions
 - 5.4.2 Smart Public Safety
 - 5.4.3 Law Enforcement
 - 5.4.4 City Planning
 - 5.4.5 Other Governance Services
- 5.5 Smart Home & Building
 - 5.5.1 Building Automation System
 - 5.5.2 Energy Management Systems
 - 5.5.3 Parking Management System
 - 5.5.4 Emergency Management System
 - 5.5.5 Other Smart Building Systems
- 5.6 Smart Citizen Service
 - 5.6.1 Smart Education
 - 5.6.2 Smart Healthcare

- 5.6.3 Emergency Response System
- 5.6.4 Video Surveillance System
- 5.6.5 Assisted Living Solution
- 5.6.6 Other Citizen Services
- 5.7 Smart Mobility
 - 5.7.1 Electric Vehicle Charging
 - 5.7.2 Tunnel Management
 - 5.7.3 Tolling Management
 - 5.7.4 Other Mobility Solutions
- 5.8 Other Applications

6 ASIA-PACIFIC MARKET 2019-2030 BY COUNTRY

- 6.1 Overview of Asia-Pacific Market
- 6.2 Japan
- 6.3 China
- 6.4 Australia
- 6.5 India
- 6.6 South Korea
- 6.7 Rest of APAC Region

7 COMPETITIVE LANDSCAPE

- 7.1 Overview of Key Vendors
- 7.2 New Product Launch, Partnership, Investment, and M&A
- 7.3 Company Profiles
 - ABB Ltd.
 - Accenture Plc
 - Alphabet Inc.
 - AT&T
 - Cisco Systems Inc.
 - Ericsson
 - Foxconn Electronics Inc.
 - Fujitsu Ltd.
 - General Electric Company
 - Hitachi
 - Honeywell
 - Huawei Technologies
 - IBM Corporation

INTEL Corporation
LG Electronics Inc.
Microsoft Corp.
Oracle Corp.
Qualcomm Technologies Inc.
Schneider Electric SE
Siemens AG
Toshiba Corporation

8 INVESTING IN ASIA PACIFIC MARKET: RISK ASSESSMENT AND MANAGEMENT

8.1 Risk Evaluation of Asia Pacific Market
8.2 Critical Success Factors (CSFs)
Related Reports and Products

List Of Tables

LIST OF TABLES

Table 1. Snapshot of Asia Pacific Emerging Technologies in Smart Cities Market in Balanced Perspective, 2019-2030

Table 2. Growth Rate of World Real GDP, 2017-2021

Table 3. Main Product Trends and Market Opportunities in Asia Pacific Emerging Technologies in Smart Cities Market

Table 4. Asia Pacific Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 5. Asia Pacific Emerging Technologies in Smart Cities Market: Internet of Things (IoT) by Segment, 2019-2030, \$ bn

Table 6. Asia Pacific Emerging Technologies in Smart Cities Market: Artificial Intelligence (AI) by Segment, 2019-2030, \$ bn

Table 7. World Smartphone Connections, Average Network Connection Speed for Smartphones and Tablets, 2019-2030

Table 8. World Mobile Data Traffic by Application, 2019-2030, EB/year

Table 9. World Mobile Data Traffic by Device, 2019-2030, EB/year

Table 10. Asia Pacific Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 11. Asia Pacific Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 12. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Transportation by Application, 2019-2030, \$ bn

Table 13. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Utilities by Application, 2019-2030, \$ bn

Table 14. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Governance by Application, 2019-2030, \$ bn

Table 15. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Home & Building by Application, 2019-2030, \$ bn

Table 16. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Citizen Service by Application, 2019-2030, \$ bn

Table 17. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Mobility by Application, 2019-2030, \$ bn

Table 18. APAC Emerging Technologies in Smart Cities Market by Country, 2019-2030, \$ bn

Table 19. Japan Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 20. Japan Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 21. Japan Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 22. China Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 23. China Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 24. China Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 25. Australia Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 26. Australia Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 27. Australia Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 28. India Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 29. India Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 30. India Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 31. South Korea Emerging Technologies in Smart Cities Market by Technology, 2019-2030, \$ bn

Table 32. South Korea Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, \$ bn

Table 33. South Korea Emerging Technologies in Smart Cities Market by Application, 2019-2030, \$ bn

Table 34. Emerging Technologies in Smart Cities Market in Rest of APAC by Country, 2019-2030, \$ bn

Table 35. ABB Ltd.: Company Snapshot

Table 36. ABB Ltd.: Business Segmentation

Table 37. ABB Ltd.: Product Portfolio

Table 38. ABB Ltd.: Revenue, 2016-2018, \$ bn

Table 39. ABB Ltd.: Recent Developments

Table 40. Risk Evaluation for Investing in Asia Pacific 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. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2019-2030

Figure 5. Asia Pacific Emerging Technologies in Smart Cities Market, 2019-2030, \$ bn

Figure 6. Impact of COVID-19 on Business

Figure 7. Primary Drivers and Impact Factors of Asia Pacific Emerging Technologies in Smart Cities Market

Figure 8. Primary Restraints and Impact Factors of Asia Pacific Emerging Technologies in Smart Cities Market

Figure 9. Investment Opportunity Analysis

Figure 10. Porter's Fiver Forces Analysis of Asia Pacific Emerging Technologies in Smart Cities Market

Figure 11. Breakdown of Asia Pacific Emerging Technologies in Smart Cities Market by Technology, 2019-2030, % of Sales Revenue

Figure 12. Asia Pacific Addressable Market Cap in 2020-2030 by Technology, Value (\$ bn) and Share (%)

Figure 13. Asia Pacific Emerging Technologies in Smart Cities Market: Internet of Things (IoT), 2019-2030, \$ bn

Figure 14. Asia Pacific Emerging Technologies in Smart Cities Market: Cloud Technology, 2019-2030, \$ bn

Figure 15. Asia Pacific Emerging Technologies in Smart Cities Market: Artificial Intelligence (AI), 2019-2030, \$ bn

Figure 16. Asia Pacific Emerging Technologies in Smart Cities Market: Big Data Analytics, 2019-2030, \$ bn

Figure 17. Asia Pacific Emerging Technologies in Smart Cities Market: 5G Technology, 2019-2030, \$ bn

Figure 18. World 5G Traffic, 2019-2030, EB/year

Figure 19. Asia Pacific Emerging Technologies in Smart Cities Market: High Performance Computing, 2019-2030, \$ bn

Figure 20. Asia Pacific Emerging Technologies in Smart Cities Market: Edge Computing, 2019-2030, \$ bn

Figure 21. Asia Pacific Emerging Technologies in Smart Cities Market: Deployment Mode 4Quantum Computing, 2019-2030, \$ bn

Figure 22. Asia Pacific Emerging Technologies in Smart Cities Market: Other Technologies, 2019-2030, \$ bn

Figure 23. Breakdown of Asia Pacific Emerging Technologies in Smart Cities Market by Deployment Mode, 2019-2030, % of Sales Revenue

Figure 24. Asia Pacific Addressable Market Cap in 2020-2030 by Deployment Mode, Value (\$ bn) and Share (%)

Figure 25. Asia Pacific Emerging Technologies in Smart Cities Market: Cloud Based Deployment, 2019-2030, \$ bn

Figure 26. Asia Pacific Emerging Technologies in Smart Cities Market: On Premises Deployment, 2019-2030, \$ bn

Figure 27. Breakdown of Asia Pacific Emerging Technologies in Smart Cities Market by Application, 2019-2030, % of Sales Revenue

Figure 28. Asia Pacific Addressable Market Cap in 2020-2030 by Application, Value (\$ bn) and Share (%)

Figure 29. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Transportation, 2019-2030, \$ bn

Figure 30. Asia Pacific Emerging Technologies in Smart Cities Market: Parking Management, 2019-2030, \$ bn

Figure 31. Asia Pacific Emerging Technologies in Smart Cities Market: Ticketing & Travel Management, 2019-2030, \$ bn

Figure 32. Asia Pacific Emerging Technologies in Smart Cities Market: Traffic Management, 2019-2030, \$ bn

Figure 33. Asia Pacific Emerging Technologies in Smart Cities Market: Passenger Information Management System, 2019-2030, \$ bn

Figure 34. Asia Pacific Emerging Technologies in Smart Cities Market: Freight Information System, 2019-2030, \$ bn

Figure 35. Asia Pacific Emerging Technologies in Smart Cities Market: Other Smart Transportation Systems, 2019-2030, \$ bn

Figure 36. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Utilities, 2019-2030, \$ bn

Figure 37. Asia Pacific Emerging Technologies in Smart Cities Market: Energy management, 2019-2030, \$ bn

Figure 38. Asia Pacific Emerging Technologies in Smart Cities Market: Advanced Metering Infrastructure, 2019-2030, \$ bn

Figure 39. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Grid, 2019-2030, \$ bn

Figure 40. Asia Pacific Emerging Technologies in Smart Cities Market: Water Management, 2019-2030, \$ bn

Figure 41. Asia Pacific Emerging Technologies in Smart Cities Market: Distribution

Management, 2019-2030, \$ bn

Figure 42. Asia Pacific Emerging Technologies in Smart Cities Market: Other Smart Utilities, 2019-2030, \$ bn

Figure 43. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Governance, 2019-2030, \$ bn

Figure 44. Asia Pacific Emerging Technologies in Smart Cities Market: E-Governance Solutions, 2019-2030, \$ bn

Figure 45. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Public Safety, 2019-2030, \$ bn

Figure 46. Asia Pacific Emerging Technologies in Smart Cities Market: Law Enforcement, 2019-2030, \$ bn

Figure 47. Asia Pacific Emerging Technologies in Smart Cities Market: City Planning, 2019-2030, \$ bn

Figure 48. Asia Pacific Emerging Technologies in Smart Cities Market: Other Governance Services, 2019-2030, \$ bn

Figure 49. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Home & Building, 2019-2030, \$ bn

Figure 50. Asia Pacific Emerging Technologies in Smart Cities Market: Building Automation System, 2019-2030, \$ bn

Figure 51. Asia Pacific Emerging Technologies in Smart Cities Market: Energy Management Systems, 2019-2030, \$ bn

Figure 52. Asia Pacific Emerging Technologies in Smart Cities Market: Parking Management System, 2019-2030, \$ bn

Figure 53. Asia Pacific Emerging Technologies in Smart Cities Market: Emergency Management System, 2019-2030, \$ bn

Figure 54. Asia Pacific Emerging Technologies in Smart Cities Market: Other Smart Building Systems, 2019-2030, \$ bn

Figure 55. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Citizen Service, 2019-2030, \$ bn

Figure 56. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Education, 2019-2030, \$ bn

Figure 57. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Healthcare, 2019-2030, \$ bn

Figure 58. Asia Pacific Emerging Technologies in Smart Cities Market: Emergency Response System, 2019-2030, \$ bn

Figure 59. Asia Pacific Emerging Technologies in Smart Cities Market: Video Surveillance System, 2019-2030, \$ bn

Figure 60. Asia Pacific Emerging Technologies in Smart Cities Market: Assisted Living Solution, 2019-2030, \$ bn

Figure 61. Asia Pacific Emerging Technologies in Smart Cities Market: Other Citizen Services, 2019-2030, \$ bn

Figure 62. Asia Pacific Emerging Technologies in Smart Cities Market: Smart Mobility, 2019-2030, \$ bn

Figure 63. Asia Pacific Emerging Technologies in Smart Cities Market: Electric Vehicle Charging, 2019-2030, \$ bn

Figure 64. Asia Pacific Emerging Technologies in Smart Cities Market: Tunnel Management, 2019-2030, \$ bn

Figure 65. Asia Pacific Emerging Technologies in Smart Cities Market: Tolling Management, 2019-2030, \$ bn

Figure 66. Asia Pacific Emerging Technologies in Smart Cities Market: Other Mobility Solutions, 2019-2030, \$ bn

Figure 67. Asia Pacific Emerging Technologies in Smart Cities Market: Other Applications, 2019-2030, \$ bn

Figure 68. Breakdown of APAC Emerging Technologies in Smart Cities Market by Country, 2019 and 2030, % of Revenue

Figure 69. Contribution to APAC 2020-2030 Cumulative Revenue by Country, Value (\$ bn) and Share (%)

Figure 70. Emerging Technologies in Smart Cities Market in Japan, 2019-2030, \$ bn

Figure 71. Emerging Technologies in Smart Cities Market in China, 2019-2030, \$ bn

Figure 72. Emerging Technologies in Smart Cities Market in Australia, 2019-2030, \$ bn

Figure 73. Emerging Technologies in Smart Cities Market in India, 2019-2030, \$ bn

Figure 74. Emerging Technologies in Smart Cities Market in South Korea, 2019-2030, \$ bn

Figure 75. Emerging Technologies in Smart Cities Market in Rest of APAC, 2019-2030, \$ bn

Figure 76. Growth Stage of Asia Pacific Emerging Technologies in Smart Cities Industry over the Forecast Period

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