

Smart Mobility Market Report by Technology (3G and 4G, Wi-Fi, Global Positioning System (GPS), Radio Frequency Identification (RFID), Embedded System, and Others), Solution (Traffic Management, Parking Management, Mobility Management, and Others), Element (Bike Commuting, Car Sharing, Ride Sharing), and Region 2024-2032

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Abstracts

The global smart mobility market size reached US\$ 59.8 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 208.6 Billion by 2032, exhibiting a growth rate (CAGR) of 14.6% during 2024-2032.

Smart mobility involves the utilization of innovative technologies in order to offer an efficient, sustainable and resilient mode of transportation to the masses. This consists of on-demand ride services, adoption of electric vehicles (EVs) and shared transportation services that help in streamlining the urban economies while improving road safety facilities. Additionally, it aids in providing intelligent and eco-friendly commutation services to the masses while contributing to the economic growth. As a result, it helps in improving the traffic management system and managing parking areas efficiently while reducing greenhouse gas (GHG) emissions.

Global Smart Mobility Market Trends:

The global market is primarily driven by the increasing environmental concerns among the masses. This has escalated the adoption of shared services and electronic vehicles (EVs) across the globe, thereby favorably impacting the market growth. Along with this, continual technological advancements in the transportation sector are creating a positive outlook for the market. Also, the widespread integration of Artificial Intelligence

(AI), cloud-based solutions and the Internet of Things (IoT) with smart mobility solutions are acting as a major growth-inducing factor. Moreover, rapid digitization and the presence of high-speed internet connectivity are positively influencing the market growth. Furthermore, the increasing government initiatives toward the development of smart cities are considered to be one of the key factors driving the growth of the market. Other factors, including rapid urbanization, continuous improvements in the automotive industry and extensive research and development (R&D) activities conducted by key players, are also contributing to the market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global smart mobility market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on technology, solution and element.

Breakup by Technology:

- 3G and 4G
- Wi-Fi
- Global Positioning System (GPS)
- Radio Frequency Identification (RFID)
- Embedded System
- Others

Breakup by Solution:

- Traffic Management
- Parking Management
- Mobility Management
- Others

Breakup by Element:

- Bike Commuting
- Car Sharing
- Ride Sharing

Breakup by Region:

North America
United States
Canada
Asia-Pacific
China
Japan
India
South Korea
Australia
Indonesia
Others
Europe
Germany
France
United Kingdom
Italy
Spain
Russia
Others
Latin America
Brazil
Mexico
Others
Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being Cisco Systems Inc., Excellfore Corporation, Ford Motor Company, Innoviz Technologies Ltd, QuaLiX Information System LLP, Robert Bosch GmbH, Siemens AG, Thales Group, TomTom N.V. and Toyota Motor Corporation.

Key Questions Answered in This Report:

How has the global smart mobility market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global smart mobility market?

What are the key regional markets?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the solution?

What is the breakup of the market based on the element?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global smart mobility market and who are the key players?

What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL SMART MOBILITY MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY TECHNOLOGY

- 6.1 3G and 4G
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Wi-Fi
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Global Positioning System (GPS)

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 Radio Frequency Identification (RFID)
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast
- 6.5 Embedded System
 - 6.5.1 Market Trends
 - 6.5.2 Market Forecast
- 6.6 Others
 - 6.6.1 Market Trends
 - 6.6.2 Market Forecast

7 MARKET BREAKUP BY SOLUTION

- 7.1 Traffic Management
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Parking Management
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Mobility Management
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Others
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY ELEMENT

- 8.1 Bike Commuting
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Car Sharing
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Ride Sharing
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY REGION

9.1 North America

9.1.1 United States

9.1.1.1 Market Trends

9.1.1.2 Market Forecast

9.1.2 Canada

9.1.2.1 Market Trends

9.1.2.2 Market Forecast

9.2 Asia-Pacific

9.2.1 China

9.2.1.1 Market Trends

9.2.1.2 Market Forecast

9.2.2 Japan

9.2.2.1 Market Trends

9.2.2.2 Market Forecast

9.2.3 India

9.2.3.1 Market Trends

9.2.3.2 Market Forecast

9.2.4 South Korea

9.2.4.1 Market Trends

9.2.4.2 Market Forecast

9.2.5 Australia

9.2.5.1 Market Trends

9.2.5.2 Market Forecast

9.2.6 Indonesia

9.2.6.1 Market Trends

9.2.6.2 Market Forecast

9.2.7 Others

9.2.7.1 Market Trends

9.2.7.2 Market Forecast

9.3 Europe

9.3.1 Germany

9.3.1.1 Market Trends

9.3.1.2 Market Forecast

9.3.2 France

9.3.2.1 Market Trends

9.3.2.2 Market Forecast

9.3.3 United Kingdom

- 9.3.3.1 Market Trends
- 9.3.3.2 Market Forecast
- 9.3.4 Italy
 - 9.3.4.1 Market Trends
 - 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview
- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 Cisco Systems Inc.
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.1.3 Financials
 - 14.3.1.4 SWOT Analysis
 - 14.3.2 Excelfore Corporation
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.3 Ford Motor Company
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.3.3 Financials
 - 14.3.3.4 SWOT Analysis
 - 14.3.4 Innoviz Technologies Ltd
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.5 QuaLiX Information System LLP
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Robert Bosch GmbH
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio

- 14.3.6.3 SWOT Analysis
- 14.3.7 Siemens AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio
 - 14.3.7.3 Financials
 - 14.3.7.4 SWOT Analysis
- 14.3.8 Thales Group
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
 - 14.3.8.3 Financials
 - 14.3.8.4 SWOT Analysis
- 14.3.9 TomTom N.V.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
 - 14.3.9.3 Financials
 - 14.3.9.4 SWOT Analysis
- 14.3.10 Toyota Motor Corporation
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Smart Mobility Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Smart Mobility Market Forecast: Breakup by Technology (in Million US\$), 2024-2032

Table 3: Global: Smart Mobility Market Forecast: Breakup by Solution (in Million US\$), 2024-2032

Table 4: Global: Smart Mobility Market Forecast: Breakup by Element (in Million US\$), 2024-2032

Table 5: Global: Smart Mobility Market Forecast: Breakup by Region (in Million US\$), 2024-2032

Table 6: Global: Smart Mobility Market: Competitive Structure

Table 7: Global: Smart Mobility Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Smart Mobility Market: Major Drivers and Challenges

Figure 2: Global: Smart Mobility Market: Sales Value (in Billion US\$), 2018-2023

Figure 3: Global: Smart Mobility Market Forecast: Sales Value (in Billion US\$), 2024-2032

Figure 4: Global: Smart Mobility Market: Breakup by Technology (in %), 2023

Figure 5: Global: Smart Mobility Market: Breakup by Solution (in %), 2023

Figure 6: Global: Smart Mobility Market: Breakup by Element (in %), 2023

Figure 7: Global: Smart Mobility Market: Breakup by Region (in %), 2023

Figure 8: Global: Smart Mobility (3G and 4G) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 9: Global: Smart Mobility (3G and 4G) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 10: Global: Smart Mobility (Wi-Fi) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 11: Global: Smart Mobility (Wi-Fi) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 12: Global: Smart Mobility (Global Positioning System-GPS) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 13: Global: Smart Mobility (Global Positioning System-GPS) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 14: Global: Smart Mobility (Radio Frequency Identification-RFID) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 15: Global: Smart Mobility (Radio Frequency Identification-RFID) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 16: Global: Smart Mobility (Embedded System) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 17: Global: Smart Mobility (Embedded System) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 18: Global: Smart Mobility (Other Technologies) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 19: Global: Smart Mobility (Other Technologies) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 20: Global: Smart Mobility (Traffic Management) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 21: Global: Smart Mobility (Traffic Management) Market Forecast: Sales Value

(in Million US\$), 2024-2032

Figure 22: Global: Smart Mobility (Parking Management) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 23: Global: Smart Mobility (Parking Management) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 24: Global: Smart Mobility (Mobility Management) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 25: Global: Smart Mobility (Mobility Management) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 26: Global: Smart Mobility (Other Solutions) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 27: Global: Smart Mobility (Other Solutions) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 28: Global: Smart Mobility (Bike Commuting) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 29: Global: Smart Mobility (Bike Commuting) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 30: Global: Smart Mobility (Car Sharing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 31: Global: Smart Mobility (Car Sharing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 32: Global: Smart Mobility (Ride Sharing) Market: Sales Value (in Million US\$), 2018 & 2023

Figure 33: Global: Smart Mobility (Ride Sharing) Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 34: North America: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 35: North America: Smart Mobility Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 36: United States: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 37: United States: Smart Mobility Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 38: Canada: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 39: Canada: Smart Mobility Market Forecast: Sales Value (in Million US\$), 2024-2032

Figure 40: Asia-Pacific: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 41: Asia-Pacific: Smart Mobility Market Forecast: Sales Value (in Million US\$),

2024-2032

Figure 42: China: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 43: China: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 44: Japan: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 45: Japan: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 46: India: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 47: India: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 48: South Korea: Smart Mobility Market: Sales Value (in Million US\$), 2018 &
2023

Figure 49: South Korea: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 50: Australia: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 51: Australia: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 52: Indonesia: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 53: Indonesia: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 54: Others: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 55: Others: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 56: Europe: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 57: Europe: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 58: Germany: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 59: Germany: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 60: France: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 61: France: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 62: United Kingdom: Smart Mobility Market: Sales Value (in Million US\$), 2018 &
2023

Figure 63: United Kingdom: Smart Mobility Market Forecast: Sales Value (in Million
US\$), 2024-2032

Figure 64: Italy: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 65: Italy: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 66: Spain: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 67: Spain: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 68: Russia: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 69: Russia: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 70: Others: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 71: Others: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 72: Latin America: Smart Mobility Market: Sales Value (in Million US\$), 2018 &
2023

Figure 73: Latin America: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 74: Brazil: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 75: Brazil: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 76: Mexico: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 77: Mexico: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 78: Others: Smart Mobility Market: Sales Value (in Million US\$), 2018 & 2023

Figure 79: Others: Smart Mobility Market Forecast: Sales Value (in Million US\$),
2024-2032

Figure 80: Middle East and Africa: Smart Mobility Market: Sales Value (in Million US\$),
2018 & 2023

Figure 81: Middle East and Africa: Smart Mobility Market: Breakup by Country (in %),
2023

Figure 82: Middle East and Africa: Smart Mobility Market Forecast: Sales Value (in
Million US\$), 2024-2032

Figure 83: Global: Smart Mobility Industry: SWOT Analysis

Figure 84: Global: Smart Mobility Industry: Value Chain Analysis

Figure 85: Global: Smart Mobility Industry: Porter's Five Forces Analysis

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