China New Energy Vehicle Market Research and Investment Forecast Report

目 录

CONTENTS

Chapter 1: Development Overview of China New Energy Vehicle Industry

- 1.1 Concepts Related to New Energy Vehicle
 - 1.1.1 Concept of New Energy Vehicle
 - 1.1.2 Types of New Energy Vehicle
 - (1) Hybrid Motive Vehicle
 - (2) Battery Electric Vehicle
 - (3) Fuel Cell Electric Vehicle
 - (4) Gaseous Fuel Vehicle
 - (5) Biofuel Vehicle
 - (6) Hydrogen Vehicle
 - (7) Solar-powered Vehicle
 - 1.1.3 Necessity for Developing New Energy Vehicle
 - (1) Oil Shortage
 - (2) Environmental Pollution
 - (3) Climate Change

1.2 Analysis of Economic Environment for New Energy Vehicle

- 1.2.1 Analysis of International Macro-economic Environment
 - (1) Analysis of US Economic Environment
 - (2) Analysis of Japan Economic Environment
 - (3) Analysis of EU Zone Economic Environment
- 1.2.2 Analysis of Domestic Economic Environment
 - (1) GDP Growth
 - (2) Analysis of Growth of Industry-based Economy
 - (3) Analysis of Growth of Agriculture-based Economy
 - (4) Household Consumption
 - (5) Fixed Asset Investment
 - (6) Total Retail Sales of Consumer Goods
 - (7) Total Import & Export and Growth
 - (8) Supply of Money and Loans
 - (9) PMI
- 1.2.3 Analysis of Industry Macro-economic Environment

1.3 Analysis of Policy Environment for New Energy Vehicle

- 1.3.1 Major Policies Related to New Energy Vehicle Industry
- 1.3.2 National Standards for New Energy Vehicle Industry
- 1.3.3 Development Planning of New Energy Vehicle Industry

1.4 Analysis of Technology Environment for New Energy Vehicle Industry

- 1.4.1 Development of Technology for New Energy Vehicle
- 1.4.2 Analysis of Technical Layout of "Three Vertical and Three Horizontal"
- $1.\,4.\,3$ Analysis of Key Technology for New Energy Vehicle
- 1.4.4 Analysis of Technology Route Selection for New Energy Vehicle
 - (1) Technology Route for Vehicle Power Battery Technology
 - (2) Technology Route for Motor Control System Technology
 - (3) Technology Route for Hybrid Electric Vehicle Technology
 - (4) Technology Route for Battery Electric Vehicle Technology
 - (5) Technology Route for Fuel Cell Electric Vehicle Technology
 - (6) Technology Route for Other New Energy Vehicles

Chapter 2: Analysis of China New Energy Vehicle Industrial Chain

- 2.1 Profile of New Energy Vehicle Industrial Chain
- 2.2 Analysis of New Energy Vehicle Battery System

- 2.2.1 Analysis of Major Performance of Powered Battery
- 2.2.2 Analysis of Cathode Material of Lithium Battery
- 2.2.3 Analysis of Lithium Battery Diaphragm Market
- 2.2.4 Analysis of Lithium Battery Electrolyte Market

2.3 Analysis of New Energy Vehicle Motor System

- 2.3.1 Performance Comparison among Various Motors
- 2.3.2 Analysis of DC Motor Market
- 2.3.3 Analysis of PMSM Market
- 2.3.4 Analysis of Induction Motor Market
- 2.3.5 Analysis of SRM Market

2.4 Analysis of EV Charging Station Market

- 2.4.1 Analysis of Cost Structure of Charging Station
- 2.4.2 Construction of EV Charging Station
- 2.4.3 Analysis of Major Charging Equipment Enterprises
- 2.4.4 Development Trend for EV Charging Station
- 2.4.5 Size Forecast for EV Charging Station

Chapter 3: Analysis of Development of International New Energy Vehicle Industry

3.1 Governmental Supporting Measures for International New Energy Vehicle Industry

- 3.1.1 Japan's Measures for Development of New Energy Vehicle Industry
- (1) Development Overview of Japan New Energy Vehicle Industry
- (2) Analysis of Measures for Japan Promoting Application of New Energy
- (3) Japan's Measures for Boosting Technology R&D and Promotion
- (4) Japan's Supporting Measures for Other New Energy Vehicles
- 3.1.2 US Measures for Development of New Energy Vehicle Industry
 - (1) Development Overview of US New Energy Vehicle Industry
 - (2) US Laws and Regulations to Propel New Energy Vehicle
 - (3) US Measures for Boosting Technology R&D and Promotion
 - (4) US Supporting Measures for Other New Energy Vehicles
- 3.1.3 EU Measures for Development of New Energy Vehicle Industry
 - (1) Development Overview of EU New Energy Vehicle Industry
 - (2) EU Led New Energy Vehicle Policies in Some Countries
 - (3) EU Measures for Boosting Technology R&D and Promotion
 - (4) Germany's Encouraging Policies for Boosting New Energy Vehicle
 - (5) France's Encouraging Policies for Boosting New Energy Vehicle
 - (6) UK Encouraging Policies for Boosting New Energy Vehicle
- 3.1.4 Measures for Development of New Energy Vehicle Industry in Other Countries
 - (1) South Korea's Encouraging Policies for Boosting New Energy Vehicle
 - (2) Thailand's Encouraging Policies for Boosting New Energy Vehicle
 - (3) Canada's Encouraging Policies for Boosting New Energy Vehicle
 - (4) Singapore's Encouraging Policies for Boosting New Energy Vehicle
 - (5) Ireland's Encouraging Policies for Boosting New Energy Vehicle
- 3.1.5 Lessons and Enlightenment Learned from Development Experience of Foreign New Energy Vehicle
 - (1) Conclusion of Experience in Japan, US and EU
 - (2) Analysis of Comparison among Policies in Foreign New Energy Vehicle Industries
 - (3) Experience and Enlightenment of Foreign Development Experience on China

3.2 Development Overview of International New Energy Vehicle Industry

- 3.2.1 Analysis of Solutions to
- 3.2.2 Mainstream Technology Route for International New Energy Vehicle
 - (1) HEV
 - (2) EV
 - (3) FCEV
 - (4) Review on 3 Mainstream Technology Routes
- 3.2.3 Analysis of Development Dynamics for International New Energy Vehicle
 - (1) Analysis of Development Dynamics for HEV
 - (2) Analysis of Development Dynamics for EV
 - (3) Analysis of Development Dynamics for FCEV

3.3 Comparison between China and US New Energy Vehicle Industry

- 3.3.1 Analysis of Comparison between China and US Factors of Production
- 3.3.2 Analysis of Comparison between China and US Demand Conditions

- 3.3.3 Analysis of Comparison among Industries Related to China and US New Energy Vehicle Industry
- 3.3.4 China and US Corporate Strategic Structure and Horizontal Competition
- 3.3.5 Analysis of China and US Government and Opportunity Comparison
- 3.3.6 Analysis of Opportunities for China Improving Industry's Competitiveness

Chapter 4: Analysis of Development of China New Energy Vehicle Industry

4.1 Development Overview of China New Energy Vehicle Industry

- 4.1.1 Development Background of China New Energy Vehicle Industry
- 4.1.2 Significance of Developing New Energy Vehicle Industry
- 4.1.3 Analysis of Advantages for Developing New Energy Vehicle Industry
- 4.1.4 Analysis of Major Problems in New Energy Vehicle
- 4.1.5 Major Development Directions for New Energy Vehicle Industry

4.2 Analysis of Operation Trend for China New Energy Vehicle

- 4.2.1 Analysis of Cost Structure of New Energy Vehicle Industry
- 4.2.2 Analysis of Production and Marketing of New Energy Vehicle Industry
- 4.2.3 Analysis of Operation Trend for New Energy Vehicle Industry
- 4.2.4 Analysis of Application of New Energy Vehicle Market
- 4.2.5 Analysis of Gap between China and Foreign New Energy Vehicle Industry

4.3 Analysis of Operation of New Energy Vehicle Demonstration Project

- 4.3.1 Operation of "Ten Cities Thousand Vehicles" Program
 - (1) Analysis of Operation of Demonstration Project in Beijing
 - (2) Analysis of Operation of Demonstration Project in Shanghai
 - (3) Analysis of Operation of Demonstration Project in Chongqing
 - (4) Analysis of Operation of Demonstration Project in Changchun
 - (5) Analysis of Operation of Demonstration Project in Dalian
 - (6) Analysis of Operation of Demonstration Project in Hangzhou
 - (7) Analysis of Operation of Demonstration Project in Jinan
 - (8) Analysis of Operation of Demonstration Project in Wuhan
 - (9) Analysis of Operation of Demonstration Project in Shenzhen
 - (10) Analysis of Operation of Demonstration Project in Hefei
 - (11) Analysis of Operation of Demonstration Project in Changsha, Zhuzhou and Xiangtan
 - (12) Analysis of Operation of Demonstration Project in Kunming
 - (13) Analysis of Operation of Demonstration Project in Nanchang
- 4.3.2 Analysis of Demonstration Project for Spreading LPGV
 - (1) Demonstration and Spread of LPGV in Sichuan
 - (2) Demonstration and Spread of LPGV in Chongqing
 - (3) Demonstration and Spread of LPGV in Xi' an
 - (4) Demonstration and Spread of LPGV in Harbin
 - (5) Demonstration and Spread of LPGV in Urumqi

4.4 Analysis of Development China New Energy Bus

- 4.4.1 Analysis of Development Overview of New Energy Bus
 - (1) Analysis of Major Types of New Energy Bus
 - (2) Major Products for China New Energy Bus
 - (3) Analysis of Development Technology Routes to New Energy Bus
- 4.4.2 Analysis of Market Application of New Energy Bus
 - (1) Development and Application of Foreign New Energy Bus
 - (2) Development and Application of Domestic New Energy Bus
 - (3) Analysis of Features of China New Energy Bus Market
 - (4) Plan for Possessing Electric Bus in Cities around China
- 4.4.3 Analysis of Development of New Energy Bus Manufacturing Enterprises
 - (1) Research on New Energy Bus Manufacturing Enterprises
 - (2) Analysis of Leading New Energy Bus Manufacturing Enterprises in the Future
 - (3) Case Study of Beiqi Foton New Energy Bus
- 4.4.4 Problems in Developing New Energy Bus
 - (1) Reliability for New Energy Bus
 - (2) Cost for New Energy Bus
 - (3) Developing Key Technology for New Energy Bus
 - (4) Limitation of Application and Development Model for New Energy Bus
 - (5) Bottlenecks of Spreading and Using New Energy Vehicle
- 4.4.5 Prospects Forecast for Developing New Energy Bus

4.5 Development of New Energy Vehicle Industry Unions

- 4.5.1 Analysis of Development of Beijing New Energy Vehicle Industry Union
- 4.5.2 Analysis of Development of Jilin New Energy Vehicle Industry Union
- 4.5.3 Analysis of Development of Chongqing New Energy Vehicle Industry Union
- 4.5.4 Analysis of Development of Industry, Study and Research of Guangdong Vehicle Innovation Union
- 4.5.5 Analysis of Development of Kunming Industry, Study and Research of Guangdong Vehicle Innovation Union
- 4.5.6 Analysis of Development of Nanchang Technology and Innovation Union of Energy Saving and New Energy Vehicle Industry

Chapter 5: Analysis of Business Model for China New Energy Vehicle

5.1 Analysis of Market Research on New Energy Vehicle

- 5.1.1 Research Degree of New Energy Vehicle
- 5.1.2 Research of Concentration on Policies of New Energy Vehicle
- 5.1.3 Anticipation Survey on New Energy Vehicle Market
- 5.1.4 Research on Preference to Buy Different Types of New Energy Vehicle
- 5.1.5 Research on Preference to Buy Different Brands of New Energy Vehicle
- 5.1.6 Research on Preference to Buy Different Prices of New Energy Vehicle
- 5.1.7 Research on Ways to Buy New Energy Vehicle
- 5.1.8 Research on Subsidy Policy's Impact on New Energy Vehicle
- 5.1.9 Analysis of Reasons to Deny Buying New Energy Vehicle

5.2 Analysis of Business Models for New Energy Vehicle

- 5.2.1 Analysis of Business Model for New Energy Vehicle
 - (1) Bundle Sales of Vehicle and Battery
 - (2) Analysis of Vehicle Leasing Model
 - (3) Bare Vehicle Sales and Battery Leasing
- 5.2.2 Analysis of Marketing Model for New Energy Vehicle
 - (1) Analysis of Group Purchase Model for New Energy Vehicle
 - (2) Analysis of "Buy 1 Get N" for New Energy Vehicle
 - (3) Analysis of Energy Saving for New Energy Vehicle
- 5.2.3 Case Study of Business Models for New Energy Vehicle
 - (1) Analysis of BYD Business Model
 - (2) Analysis of Chery Auto Business Model
 - (3) Analysis of Dongfeng Motor Business Model

Chapter 6: Analysis of Market Segments of China New Energy Vehicle

6.1 Analysis of China Hybrid Motive Vehicle Market

- 6.1.1 Analysis of Global Hybrid Motive Vehicle Market
- 6.1.2 Analysis of China Hybrid Motive Vehicle Market
 - (1) Analysis of Production and Marketing Volume of
 - (2) Analysis of Market Features of Hybrid Motive Vehicle
 - (3) Analysis of Market Structure of Hybrid Motive Vehicle
 - (4) Analysis of Application Structure of Hybrid Motive Vehicle
 - (5) Analysis of Market Competition of Hybrid Motive Vehicle
 - (6) Analysis of Subsidy of Hybrid Motive Vehicle
- 6.1.3 Prospects Forecast for China Hybrid Motive Vehicle Market
 - (1) Latest Market Trend for Hybrid Motive Vehicle
 - (2) Market Size Forecast for Hybrid Motive Vehicle
 - (3) Market Structure Forecast for Hybrid Motive Vehicle
 - (4) Application Structure Forecast for Hybrid Motive Vehicle

6.2 Analysis of China Battery Electric Vehicle Market

- 6.2.1 Analysis of Development Bottlenecks for Battery Electric Vehicle
 - (1) Technical Standard Shortage of Battery Electric Vehicle
 - (2) Imperfect Supporting Policies for Battery Electric Vehicle
 - (3) Imperfect Supporting Facility for Battery Electric Vehicle
- 6.2.2 Analysis of Operation of Battery Electric Vehicle
 - (1) R&D and Production of Battery Electric Vehicle
 - (2) Goods in the Market and Operation of Battery Electric Vehicle
 - (3) Subsidy of Battery Electric Vehicle
- 6.2.3 Latest Market Direction for Battery Electric Vehicle

6.2.4 Prospects Forecast for Developing Battery Electric Vehicle

6.3 Analysis of China Fuel Cell Electric Vehicle Market

- 6.3.1 R&D Production of Fuel Cell Electric Vehicle
- 6.3.2 Goods in the Market and Operation of Fuel Cell Electric Vehicle
- 6.3.3 Latest Market Direction for Fuel Cell Electric Vehicle
- 6.3.4 Prospects Forecast for Developing Fuel Cell Electric Vehicle

6.4 Analysis of Gaseous Fuel Vehicle Market

- 6.4.1 R&D Production of Gaseous Fuel Vehicle
- 6.4.2 Goods in the Market and Operation of Gaseous Fuel Vehicle
- 6.4.3 Latest Market Direction for Gaseous Fuel Vehicle
- 6.4.4 Prospects Forecast for Developing Gaseous Fuel Vehicle

6.5 Analysis of Biofuel Vehicle Market

- 6.5.1 R&D Production of Biofuel Vehicle
- 6.5.2 Goods in the Market and Operation of Biofuel Vehicle
- 6.5.3 Latest Market Direction for Biofuel Vehicle
- 6.5.4 Prospects Forecast for Developing Biofuel Vehicle

6.6 Analysis of Hydrogen Vehicle Market

- 6.6.1 R&D Production of Hydrogen Vehicle
- 6.6.2 Goods in the Market and Operation of Hydrogen Vehicle
- 6.6.3 Latest Market Direction for Hydrogen Vehicle
- 6.6.4 Prospects Forecast for Developing Hydrogen Vehicle

6.7 Analysis of Solar-powered Vehicle Market

- 6.7.1 R&D Production of Solar-powered Vehicle
- 6.7.2 Goods in the Market and Operation of Solar-powered Vehicle
- 6.7.3 Latest Market Direction for Solar-powered Vehicle
- 6.7.4 Prospects Forecast for Developing Solar-powered Vehicle

Chapter 7: Analysis of Key Regions in China New Energy Vehicle

7.1 Regional Distribution Features of New Energy Vehicle

7.2 Analysis of Beijing New Energy Vehicle Market

- 7.2.1 Analysis of Development Policy for Beijing New Energy Vehicle
- 7.2.2 Analysis of Development Planning for Beijing New Energy Vehicle
- 7.2.3 Analysis of Development Status of Beijing New Energy Vehicle
- 7.2.4 Impact of Olympics on Beijing Automobile
- 7.2.5 Analysis of Demand Forecast for Beijing New Energy Vehicle
- 7.2.6 Prospect Forecast for Developing Beijing New Energy Vehicle

7.3 Analysis of Shanghai New Energy Vehicle Market

- 7.3.1 Analysis of Development Policy for Shanghai New Energy Vehicle
- 7.3.2 Analysis of Development Planning for Shanghai New Energy Vehicle
- 7.3.3 Analysis of Development Status of Shanghai New Energy Vehicle
- 7.3.4 Impact of World Expo on Shanghai Automobile
- 7.3.5 Analysis of Demand Forecast for Shanghai New Energy Vehicle
- 7.3.6 Prospect Forecast for Developing Shanghai New Energy Vehicle

7.4 Analysis of Guangzhou New Energy Vehicle Market

- 7.4.1 Analysis of Development Policy for Guangzhou New Energy Vehicle
- 7.4.2 Analysis of Development Planning for Guangzhou New Energy Vehicle
- 7.4.3 Analysis of Development Status of Guangzhou New Energy Vehicle
- 7.4.4 Impact of the Asian Games on Guangzhou Automobile
- 7.4.5 Analysis of Demand Forecast for Guangzhou New Energy Vehicle
- 7.4.6 Prospect Forecast for Developing Guangzhou New Energy Vehicle

7.5 Analysis of Shenzhen New Energy Vehicle Market

- 7.5.1 Analysis of Development Policy for Shenzhen New Energy Vehicle
- 7.5.2 Analysis of Development Planning for Shenzhen New Energy Vehicle
- 7.5.3 Analysis of Development Status of Shenzhen New Energy Vehicle
- 7.5.4 Impact of Universiade on Shenzhen Automobile
- 7.5.5 Analysis of Demand Forecast for Shenzhen New Energy Vehicle
- 7.5.6 Prospect Forecast for Developing Shenzhen New Energy Vehicle

7.6 Analysis of Chongqing New Energy Vehicle Market

- 7.6.1 Analysis of Development Status of Chongqing New Energy Vehicle
- 7.6.2 Analysis of Development Policy for Chongqing New Energy Vehicle

- 7.6.3 Analysis of Development Conditions for Chongqing New Energy Vehicle
- 7.6.4 Latest Development Trend for Chongqing New Energy Vehicle
- 7.6.5 Prospect Forecast for Developing Chongqing New Energy Vehicle
 - (1) Analysis of Henan New Energy Vehicle Market
- 7.6.6 Analysis of Development Status of Henan New Energy Vehicle
- 7.6.7 Analysis of Development Policy for Henan New Energy Vehicle
- 7.6.8 Analysis of Development Conditions for Henan New Energy Vehicle
- 7.6.9 Latest Development Trend for Henan New Energy Vehicle
- 7.6.10 Prospect Forecast for Developing Henan New Energy Vehicle

7.7 Analysis of Hunan New Energy Vehicle Market

- 7.7.1 Analysis of Development Status of Hunan New Energy Vehicle
- 7.7.2 Analysis of Development Policy for Hunan New Energy Vehicle
- 7.7.3 Analysis of Development Conditions for Hunan New Energy Vehicle
- 7.7.4 Latest Development Trend for Hunan New Energy Vehicle
- 7.7.5 Prospect Forecast for Developing Hunan New Energy Vehicle

7.8 Analysis of Hubei New Energy Vehicle Market

- 7.8.1 Analysis of Development Status of Hubei New Energy Vehicle
- 7.8.2 Analysis of Development Policy for Hubei New Energy Vehicle
- 7.8.3 Analysis of Development Conditions for Hubei New Energy Vehicle
- 7.8.4 Latest Development Trend for Hubei New Energy Vehicle
- 7.8.5 Prospect Forecast for Developing Hubei New Energy Vehicle

7.9 Analysis of Anhui New Energy Vehicle Market

- 7.9.1 Analysis of Development Status of Anhui New Energy Vehicle
- 7.9.2 Analysis of Development Policy for Anhui New Energy Vehicle
- 7.9.3 SWOT Analysis of Anhui New Energy Vehicle
- 7.9.4 Latest Development Trend for Anhui New Energy Vehicle
- 7.9.5 Prospect Forecast for Developing Anhui New Energy Vehicle

7.10 Analysis of New Energy Vehicle Market in Other Regions

- 7.10.1 Analysis of Zhejiang New Energy Vehicle Market
- 7.10.2 Analysis of Jiangsu New Energy Vehicle Market
- 7.10.3 Analysis of Jilin New Energy Vehicle Market
- 7.10.4 Analysis of Shandong New Energy Vehicle Market
- 7.10.5 Analysis of Sichuan New Energy Vehicle Market
- 7.10.6 Analysis of Jiangxi New Energy Vehicle Market
- 7.10.7 Analysis of Fujian New Energy Vehicle Market

Chapter 8: Analysis of Major Enterprises in China New Energy Vehicle

8.1 Analysis of SAIC Motor Group

- 8.1.1 Analysis of Development Profile
- 8.1.2 Analysis of Types of New Energy Vehicle
- 8.1.3 Technology Route to New Energy Vehicle
- 8.1.4 Analysis of Production and Sales Volume of New Energy Vehicle
- 8.1.5 Analysis of Revenue Capability
- 8.1.6 Analysis of Debt-paying Ability
- 8.1.7 Analysis of Operation Capability
- 8.1.8 Analysis of Profitability
- 8.1.9 Analysis of Development Capability
- 8.1.10 Analysis of Operational Advantages and Disadvantages
- 8.1.11 Development Planning for New Energy Vehicle
- 8.1.12 Analysis of Latest Development Trend for Enterprise
- 8.1.13 Analysis of Investment, M&A and Restructuring

8.2 Analysis of Zhengzhou Yutong Bus Co., Ltd.

- 8.2.1 Analysis of Development Profile
- 8.2.2 Analysis of Types of New Energy Vehicle
- 8.2.3 Technology Route to New Energy Vehicle
- 8.2.4 Analysis of Production and Sales Volume of New Energy Vehicle
- 8.2.5 Analysis of Revenue Capability
- 8.2.6 Analysis of Debt-paying Ability
- 8.2.7 Analysis of Operation Capability
- 8.2.8 Analysis of Profitability

- 8.2.9 Analysis of Development Capability
- 8.2.10 Analysis of Operational Advantages and Disadvantages
- 8.2.11 Development Planning for New Energy Vehicle
- 8.2.12 Analysis of Latest Development Trend for Enterprise
- 8.2.13 Analysis of Investment, M&A and Restructuring
- 8.3 Analysis of Beiqi Foton Motor Co., Ltd.
 - 8.3.1 Analysis of Development Profile
 - 8.3.2 Analysis of Types of New Energy Vehicle
 - 8.3.3 Technology Route to New Energy Vehicle
 - 8.3.4 Analysis of Production and Sales Volume of New Energy Vehicle

如需了解报告详细内容,请直接致电前瞻客服中心。

全国免费服务热线: 400-068-7188 0755-82925195 82925295 83586158

或发电子邮件: service@qianzhan.com

或登录网站: https://bg.qianzhan.com/

我们会竭诚为您服务!