

Report on the Chinese EV market 2019-2023

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Abstracts

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New energy, also known as alternative fuels, refers to energy sources outside of traditional sources such as solar energy, geothermal energy, wind power, tidal power, biofuels and nuclear fusion energy. The EV industry is tied closely to new energies and uses non-traditional fuels in an effort to alleviate air pollution and the energy shortages. The EV industry is expected to become a key industry in the near future due to increasing emphasis on green technologies.

Chinese EV production and sales was recorded at XX million and XX million respectively, a XX% and XX% growth over the previous year. BEV production and sales were recorded at XX and XX units. HEV production and sales were recorded at XX and XX units while FCEV production and sales were exactly XX units.

Chinese EV production from 2019 Jan. to Feb. was recorded at XX units and XX units, a XX% and XX% growth over the previous year.

The Chinese EV industry consists of three different stages, with the first stage being 2008-2010 during the pre-industrialization phase where demonstrations were given in larger cities. The second stage which lasted from 2011 to 2015 (the 12th five-year plan period) marked the beginnings of industrialization and saw the introduction of EV public transport, HEV vehicles and smaller EVs. The third stage which is the period between 2016 and 2020 (the 13th five-year plan) saw further penetration of EVs into regular families. Preliminary work for industrialization was completed during the 12th five-year plan period with the 13th five-year plan period being a period of acceleration.

Penetration rates for EVs are expected to increase in the next ten years due to energy and environmental policies limiting the number of traditional vehicles. The Chinese EV



industry has tremendous room for development as proven by the low penetration rates for EVs.



Contents

CHAPTER 1 EV DEVELOPMENTS AROUND THE WORLD

- 1.1 Global developments
 - 1.1.1 Global developments
 - 1.1.2 Europe
 - 1.1.3 USA
 - 1.1.4 Japan
- 1.2 Chinese EV industry developments
 - 1.2.1 Market overview
 - 1.2.2 Production and sales volume
 - 1.2.2.1 Production volume
 - 1.2.2.2 Sales figures
 - 1.2.3 Chinese EV industry highlights in 2018
 - 1.2.4 Recommended EV models
 - 1.2.5 Competitiveness analysis
 - 1.2.6 EV public transportation market
 - 1.2.7 EV market demand
- 1.3 Chinese EV industry problems
 - 1.3.1 Unbalanced developments
 - 1.3.2 Lack of innovation
 - 1.3.3 Lack of industrialization due to an unsupportive environment
 - 1.3.4 Industrialization challenges
- 1.4 Development strategies and tactics
 - 1.4.1 Strategies and methods
 - 1.4.2 Breakthroughs in core technologies
 - 1.4.3 Domestication of key parts
 - 1.4.4 Industry development advice
- 1.5 Chinese EV industry standardization analysis

CHAPTER 2 CHINESE ALTERNATIVE FUELS AND EV BATTERIES DEVELOPMENT

- 2.1 CTL-CDD and CTL-FTD development
 - 2.1.1 Direct coal liquification
 - 2.1.2 Indirect coal liquification
 - 2.1.3 Direct coal liquification technology analysis
 - 2.1.4 Processes



- 2.1.5 Indirect coal liquification technology analysis
- 2.1.6 Current indirect coal liquification development
 - 2.1.6.1 Global
 - 2.1.6.2 Domestic
- 2.2 Methanol market development
 - 2.2.1 Current developments
 - 2.2.2 Methanol companies
 - 2.2.3 Production volume
 - 2.2.4 Consumption analysis
 - 2.2.5 Development prospects
 - 2.2.6 Development advice
- 2.3 DME
 - 2.3.1 DME market analysis 2018
 - 2.3.2 DME advantages
 - 2.3.3 DME problems
- 2.4 Biofuel
 - 2.4.1 Biofuel development
 - 2.4.2 Key companies
 - 2.4.3 2nd Generation biofuel
 - 2.4.3.3 Biodiesel current development
 - 2.4.3.4 Biodiesel prospects
- 2.5 Chinese EV lithium battery market
 - 2.5.1 Lithium resources
 - 2.5.2 Lithium applications
 - 2.5.3 Lithium batteries
 - 2.5.4 Production analysis
 - 2.5.5 Development analysis
 - 2.5.6 FE battery prospects
 - 2.5.7 Technological development direction
- 2.6 Chinese fuel cell market
 - 2.6.1 Overview
 - 2.6.2 Key companies
 - 2.6.3 Development prospects
 - 2.6.4 The role of fuel cells
 - 2.6.5 Development limitations
- 2.7 Nickel metal hydride battery
 - 2.7.1 Global nickel distribution
 - 2.7.2 Nickel batteries as main battery type
 - 2.7.3 Nickel demand analysis for EVs



- 2.7.4 HEV Nickel batteries
- 2.8 Charging stations
 - 2.8.1 Overview
 - 2.8.2 Operation and business model
 - 2.8.2.1 Operation
 - 2.8.2.2 Business model
 - 2.8.3 Number of charging stations in China
 - 2.8.4 Cities and provinces as ranked by number of charging stations
 - 2.8.5 Competitiveness analysis
 - 2.8.6 Public charging station operation
 - 2.8.7 Charging station industry competitiveness
 - 2.8.8 Pricing strategies
 - 2.8.9 Development prospects
 - 2.8.10 Charging station demand projections during the 13th five year plan period

CHAPTER 3 CHINESE HEV DEVELOPMENT

- 3.1 Global HEV development
 - 3.1.1 HEV industry development
 - 3.1.2 Current developments
 - 3.1.3 Current technologies
 - 3.1.4 Sales overview
- 3.2 Chinese HEV development
 - 3.2.1 Current developments
 - 3.2.2 Production and sales volume
 - 3.2.3 Development issues
 - 3.2.4 Development challenges
 - 3.2.5 Development prospects
 - 3.2.6 Development path
- 3.3 Chinese HEV research
 - 3.3.1 Current technologies
 - 3.3.2 Core technologies
 - 3.3.3 Development prospects
- 3.4 Chinese HEV development prospects and strategies
 - 3.4.1 HEV market overview
 - 3.4.2 Development trends
 - 3.4.3 Development strategies and advice

CHAPTER 4 CHINESE BEV DEVELOPMENT



- 4.1 Global BEV development
 - 4.1.1 Historical development and development stages
 - 4.1.2 BEV development in 2018
 - 4.1.3 Volkswagen's BEV strategy
- 4.2 Chinese BEV development
 - 4.2.1 Overview
 - 4.2.2 Advantages
 - 4.2.3 Production and sales
 - 4.2.4 Key technologies
 - 4.2.4.1 Battery technology
 - 4.2.4.2 Motors and accompanying technologies
 - 4.2.4.3 Maintenance technology
 - 4.2.4.4 Energy management technology
 - 4.2.5 Development restrictions
 - 4.2.6 Development prospects
- 4.3 SWOT analysis
 - 4.3.1 Opportunities
 - 4.3.2 Strengths
 - 4.3.3 Threats
 - 4.3.4 Weaknesses
- 4.4 Problems and development suggestions
 - 4.4.1 BEV problems analysis
 - 4.4.2 Industry development advice
- 4.5 Chinese BEV production forecasts

CHAPTER 5 CHINESE FCEV DEVELOPMENT

- 5.1 Global FCEV development
 - 5.1.1 Overview
 - 5.1.2 Japan
 - 5.1.3 USA
 - 5.1.4 Europe
- 5.2 Chinese FCEV vehicle development
 - 5.2.1 Overview
 - 5.2.2 Industry policies
 - 5.2.3 Technological environment
 - 5.2.3.1 FCEV
 - 5.2.3.2 HICEV



- 5.2.4 Chinese FCEV progress
- 5.2.5 Development direction
- 5.2.6 Industry characteristics
- 5.3 Commercialization
 - 5.3.1 Main limitations
 - 5.3.2 Main factors behind FCEV commercialization
 - 5.3.3 Chinese FCEV commercialization solutions
 - 5.3.4 FCEV commercialization process
- 5.4 Chinese FCEV development strategies
 - 5.4.1 Commercial vehicles
 - 5.4.2 Government support
 - 5.4.3 Corporate backing
- 5.5 FCEV development limitations and development suggestions
 - 5.5.1 Limitations
 - 5.5.1.1 FCEV technology deficiencies
 - 5.5.1.2 Lack of industrialization capability for core parts and supporting parts
 - 5.5.1.3 High costs
 - 5.5.1.4 Lack of a hydrogen charging system
 - 5.5.2 Development suggestions
 - 5.5.2.1 Perfecting top-down design
 - 5.5.2.2 Greater political support
 - 5.5.2.3 Technological patents
 - 5.5.2.4 Facilitate the creation of a hydrogen charging system
 - 5.5.2.5 Increase tech transfer quality and efficiency
- 5.6 FCEV development prospects
 - 5.6.1 Technological prospects
 - 5.6.2 Development prospects

CHAPTER 6 CHINESE SEV DEVELOPMENT ANALYSIS

- 6.1 Photovoltaic cell technology development
 - 6.1.1 Photovoltaic applications industry and SEVs
 - 6.1.2 Global SEV development overview
 - 6.1.3 Solar cell technology
 - 6.1.4 Photovoltaic technology
 - 6.1.5 latest developments
 - 6.1.6 Solar technology applications in the vehicle industry
- 6.2 SEV research
- 6.2.1 SEV development history



- 6.2.2 SEV theory
- 6.2.3 SEV system structure
- 6.3 Chinese SEV development
 - 6.3.1 Overview
 - 6.3.2 Current developments
 - 6.3.3 Commercialization strategy
 - 6.3.4 SEV charging stations
- 6.4 SEV realization strategies and prospects
 - 6.4.1 Realization strategies
 - 6.4.2 Advantages to SEV development
 - 6.4.3 Market prospects

CHAPTER 7 CHINESE EV COMPANIES

- 7.1 SAIC Motors
 - 7.1.1 Overview
 - 7.1.2 EV business analysis
 - 7.1.3 Operational analysis
 - 7.1.4 Sales network
 - 7.1.5 Competitive advantages
 - 7.1.6 Development strategies
- 7.2 Changan Motors
 - 7.2.1 Overview
 - 7.2.2 EV business analysis
 - 7.2.3 Operational analysis
 - 7.2.4 Competitive advantages
 - 7.2.5 Development strategies
- 7.3 AK Motors
 - 7.3.1 Overview
 - 7.3.2 EV business analysis
 - 7.3.3 Operational analysis
 - 7.3.4 Sales network
 - 7.3.5 Competitive advantages
- 7.4 JAC Motors
 - 7.4.1 Overview
 - 7.4.2 EV business analysis
 - 7.4.3 Sales analysis
 - 7.4.4 Operational analysis
- 7.4.5 Sales network



7.4.6 Competitive advantage

- 7.5 Foton Motors
 - 7.5.1 Overview
 - 7.5.2 EV business analysis
 - 7.5.3 Operational analysis
 - 7.5.4 Sales network
 - 7.5.5 Competitive advantages
 - 7.5.6 Development strategies
- 7.6 BYD
 - 7.6.1 Overview
 - 7.6.2 EV business analysis
 - 7.6.3 Operational analysis
 - 7.6.4 Sales network
 - 7.6.5 Competitive advantages
- 7.7 Geely Motors
 - 7.7.1 Overview
 - 7.7.2 EV business analysis
 - 7.7.3 Operational analysis
 - 7.7.4 Sales network
 - 7.7.5 Development strategies
- 7.8 First Auto Works
 - 7.8.1 Overview
 - 7.8.2 EV business analysis
 - 7.8.3 Operational analysis
 - 7.8.4 Sales network
 - 7.8.5 Competitive advantages
 - 7.8.6 Development strategies
- 7.9 Huachen BMW
 - 7.9.1 Overview
 - 7.9.2 EV business analysis
 - 7.9.3 Operational analysis
 - 7.9.4 Sales network
 - 7.9.5 Competitive advantages
- 7.10 Chery
- 7.10.1 Overview
- 7.10.2 EV business analysis
- 7.10.3 Operational analysis
- 7.10.4 Sales network
- 7.10.5 Competitive advantages



- 7.11 King Long
 - 7.11.1 Overview
 - 7.11.2 EV business analysis
 - 7.11.3 Sales network
 - 7.11.4 Production base
 - 7.11.5 Competitive advantages
- 7.12 Dongfeng Motors
 - 7.12.1 Overview
 - 7.12.2 EV business analysis
 - 7.12.3 Development goals
- 7.13 SAIC-GM
 - 7.13.1 Overview
 - 7.13.2 EV business analysis
 - 7.13.3 Development goals
- 7.14 Lianfu Group
 - 7.14.1 Overview
 - 7.14.2 EV business analysis
 - 7.14.3 Production base

CHAPTER 8 CHINESE EV INDUSTRY PROSPECTS

- 8.1 Industry prospects
 - 8.1.1 Development prospects
 - 8.1.2 Development trends
 - 8.1.2.1 Government guidance
 - 8.1.2.2 Major breakthrough expected
 - 8.1.2.3 Government support of EV expected to be concentrated on public policies
 - 8.1.2.4 Competitiveness expected to stabilize
 - 8.1.2.5 China to become the largest market for EVs
 - 8.1.2.6 EV batteries are expected to be taken to the next level
 - 8.1.2.7 Vehicle sharing to be first implemented through the use of EVs
 - 8.1.3 EV commercialization to become primary development direction
- 8.2 Development predictions
 - 8.2.1 Production volume predictions
 - 8.2.2 Sales predictions

CHAPTER 9 CHINESE EV INDUSTRY INVESTMENT RISKS

9.1 Risk analysis



- 9.1.1 Policy risks
- 9.1.2 Market risks
- 9.1.3 Technological risks
 - 9.1.3.1 Technological competition
 - 9.1.3.2 Technological options
 - 9.1.3.3 Technological development
- 9.1.4 Resource risks
- 9.2 Internal risks
 - 9.2.1 Financing risks
 - 9.2.2 Human capital risks
 - 9.2.3 Management risks
- 9.3 Entry barriers to the EV industry
 - 9.3.1 Economies of scale
 - 9.3.2 Product diversification
 - 9.3.3 Technological barriers
 - 9.3.4 Policy barriers
 - 9.3.5 Cost advantage barriers



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