



Power Your Vision

A Global Leader of Smart Energy Solutions

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Official WeChat
Account

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VISION 雄視





Grand Ambition Guide Our Way Forward

Vision Group strive to use the most advanced intelligent resources to pursue the world energy dream.

With keen market insights, a forward-thinking vision, and a strong dedication to serve the world, we seek to develop world-class smart energy solutions.

Protecting environment is our top mission. We pull together top-tier resources and utilize cutting-edge technologies, in order to build a brighter future of green energy for the world.

Stock Code **002733**



Craftsman's genes and strengths will bring us closer to our dreams.

Guided by the dream of relentless pursuit of excellence, we leverage our creative ingenuity, industrious efforts, and unwavering dedication to propel Vision's new energy strategy towards global prominence.

Let's stride towards the future.

Chairman's Message

Chairman 

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Power Your Vision

Established in **1994**

3 major categories of battery systems

Business operations in countries and regions **100+**

Land area **0.65+** million m²

Partners come from **40+** countries

Employees **4,000+**

Company Profile

Shenzhen Center Power Tech Co., Ltd. (stock code 002733) is one of the world's leading smart energy solution companies. The company has six R&D and production bases located in Shenzhen, Vietnam, Wuhan (Hubei), Jingshan (Hubei), Datong, and Guangzhou. It has branches and offices in Chinese mainland, Hong Kong, Singapore, India, Europe, and the United States, with a service network covering over 100 countries and regions worldwide.

Vision Group provides three major categories of battery systems: lead-acid batteries, lithium batteries, and hydrogen fuel cells, with a primary focus on hydrogen fuel cells. The company has invested in and established subsidiaries in Shenzhen, Wuhan, Datong, Guangzhou, Yangquan, and Qingdao cities to promote the development of hydrogen products. Currently, it has operated 4 standard experimental and testing centers, made direct investments in 9 industrial chain enterprises, collaborated with 5 research institutions in the field, participated in the development of multiple hydrogen fuel cell vehicles, and held nearly 100 vehicle announcements related to hydrogen fuel cells.

Corporate Mission Green Our Earth Power Your Vision

Corporate Vision To Become a World Leader of Smart Energy Solutions.

Our Values

Keep sustainable and robust development.

- Customer-centric

Client Services: Industry Analysis, External Orientation, Market Analysis, and Collaborative Development with Customers.
- Talent-Driven

Talent Collaboration: We attract high-caliber talent, implement competitive talent mechanisms, and establish partner incentive systems.
- Management Approach

Customer Relationships: All operations are centered around customers, and all KPI assessments must include customer experience metrics.



Smart Hub

Empowering Global Energy

- Innovation
- Customers
- Team
- Quality
- Allocation
- Pragmatic

We strive to create groundbreaking innovative products. Our commitment to continuous self-innovation enhances core competitiveness of our products, and results in our remarkable success.

We treat customers as our families. Integrity is our cornerstone, and exceptional service is our commitment. We strive to meet our customers' needs to the fullest extent, and regard solving customer pain points as the center of our business approach.

Working together as one, we enhance our collaborative spirit and dedication to service. Our focus on cooperation ensures a healthy balance between individual and group interests, which in turn ensures the efficient operation of the company.

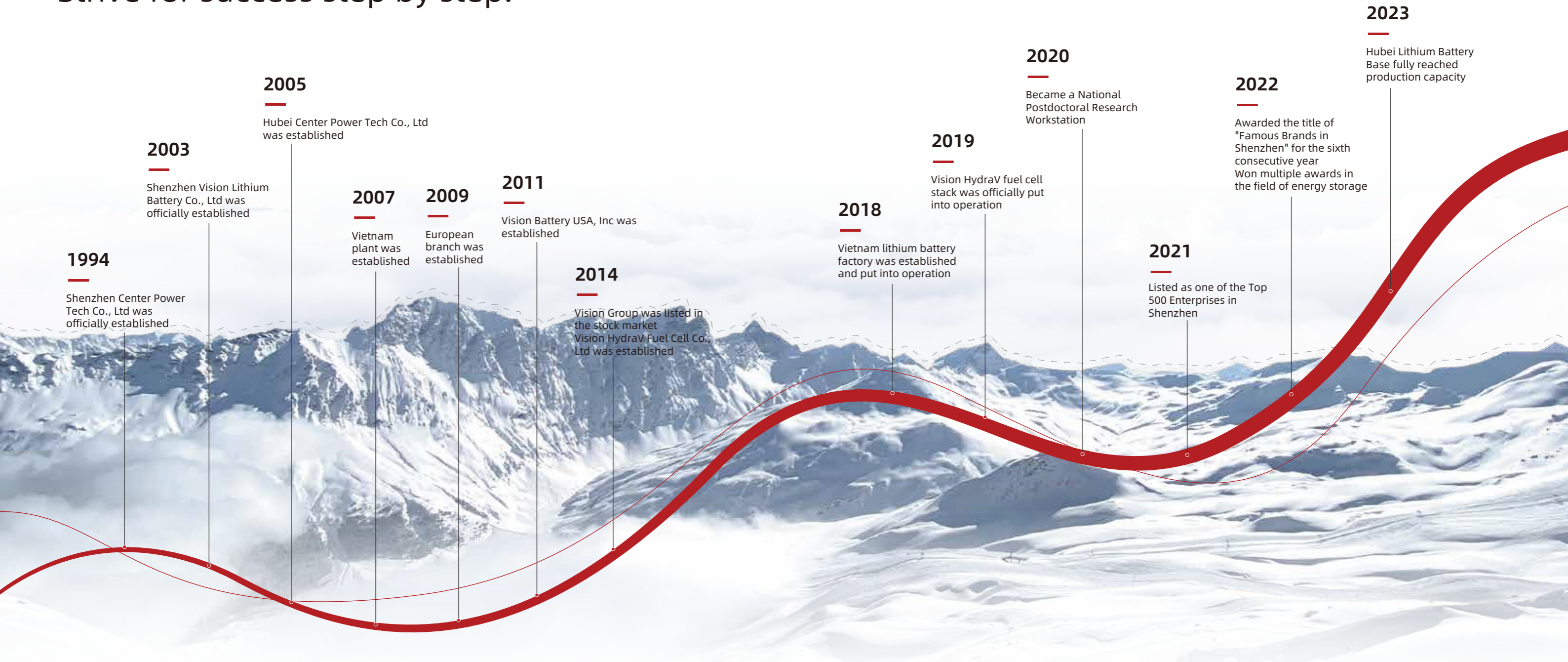
We apply strict quality control rules and strive for perfection, in order to make sure that every product with the Vision brand label is guaranteed to be a masterpiece. From the initial concept to the final delivery, every step is executed with the utmost precision and excellence, guaranteeing that Vision products are synonymous with superior quality.

We emphasize balanced management and equitable distribution, which should be based on the relationship between input and output rather than mere equality. Our distribution practices also reflect the company's policy direction and competitive strategy.

We approach every task with care and precision, working diligently and pragmatically. Starting from the fundamentals, we aspire to steadily climb to the top of the world.

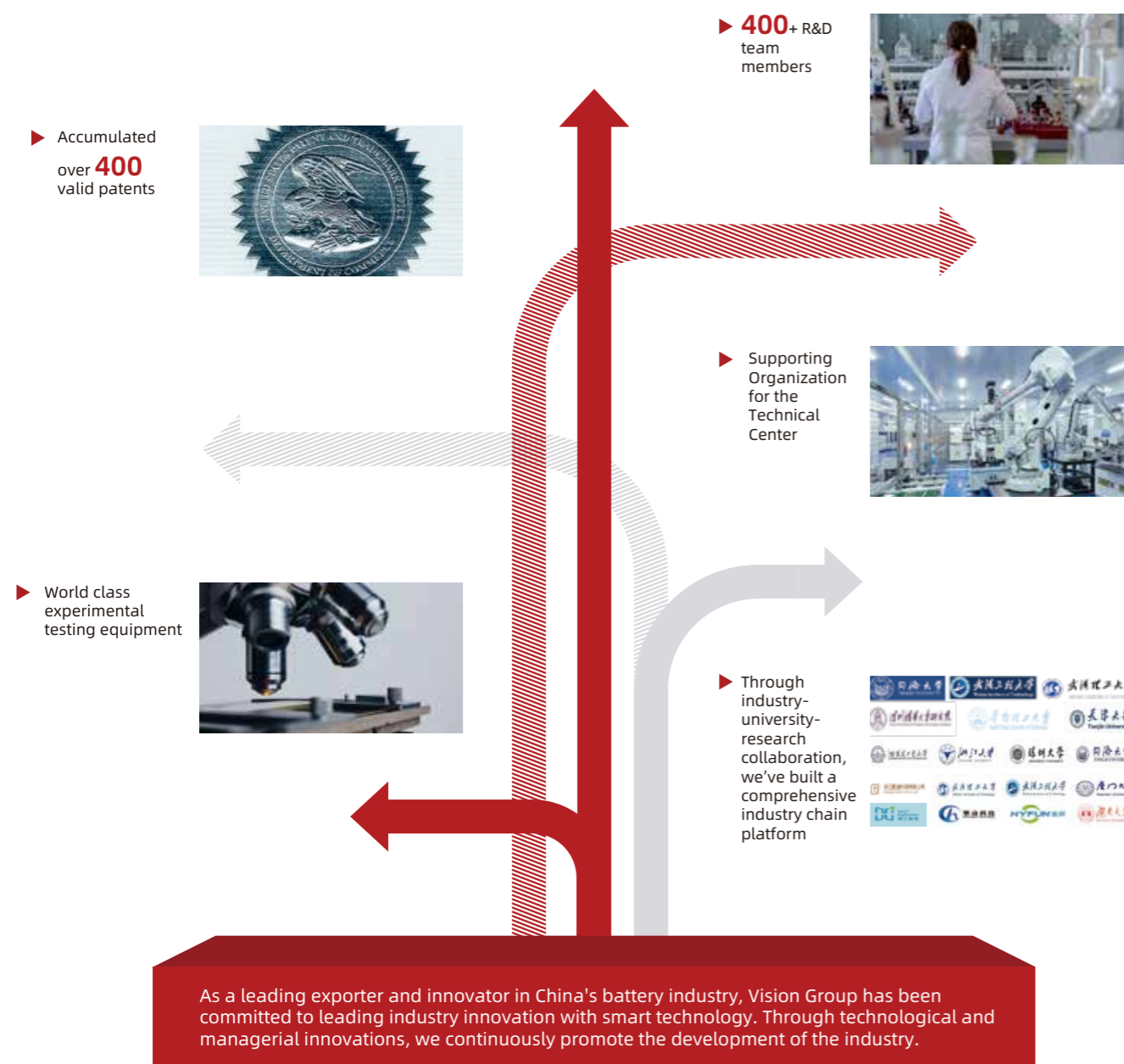
Corporate Milestones

Strive for success step by step.



Innovative R&D Strengths

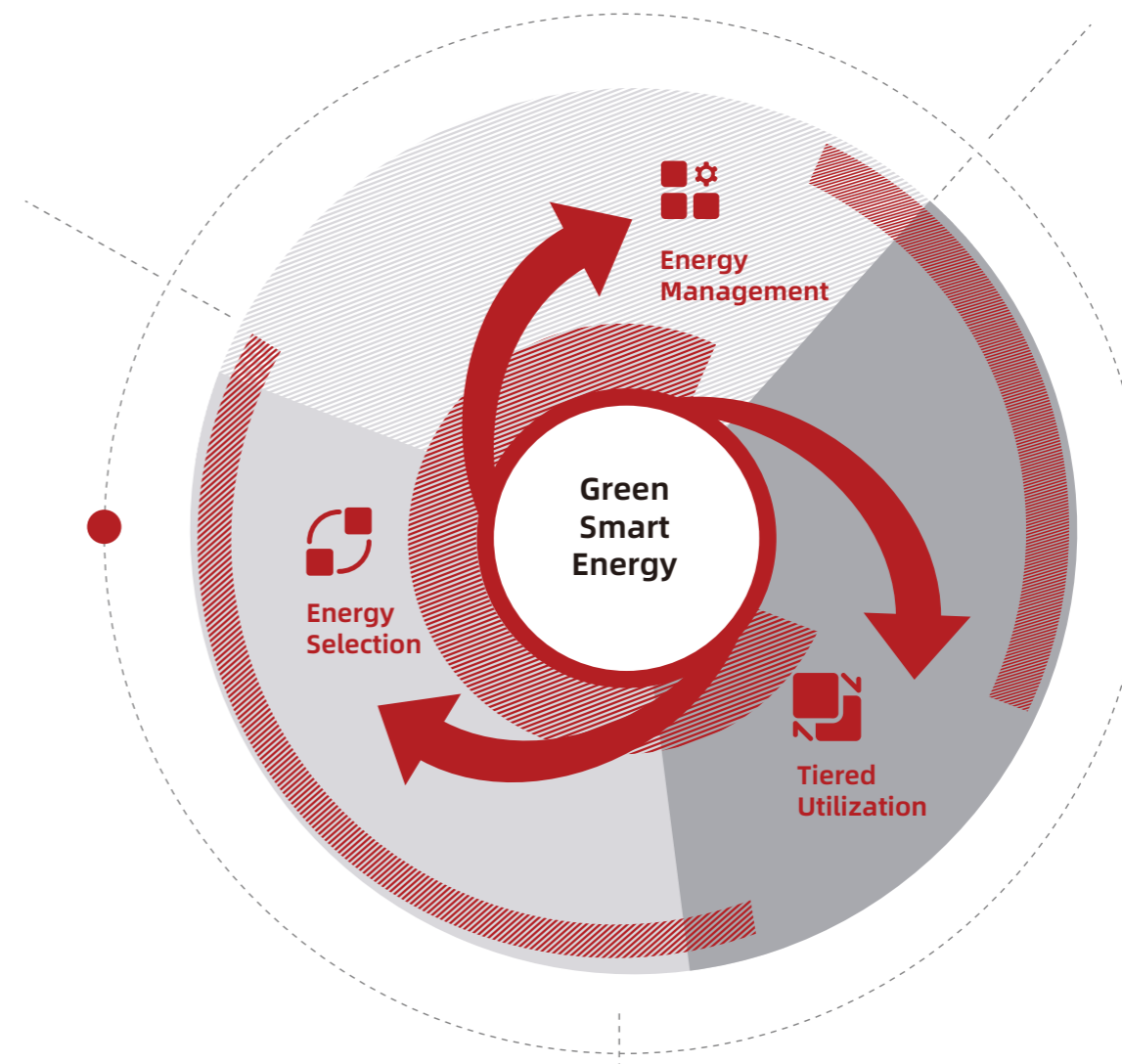
Driving changes with smart technologies.



Scientific Development, transforming the world with Vision

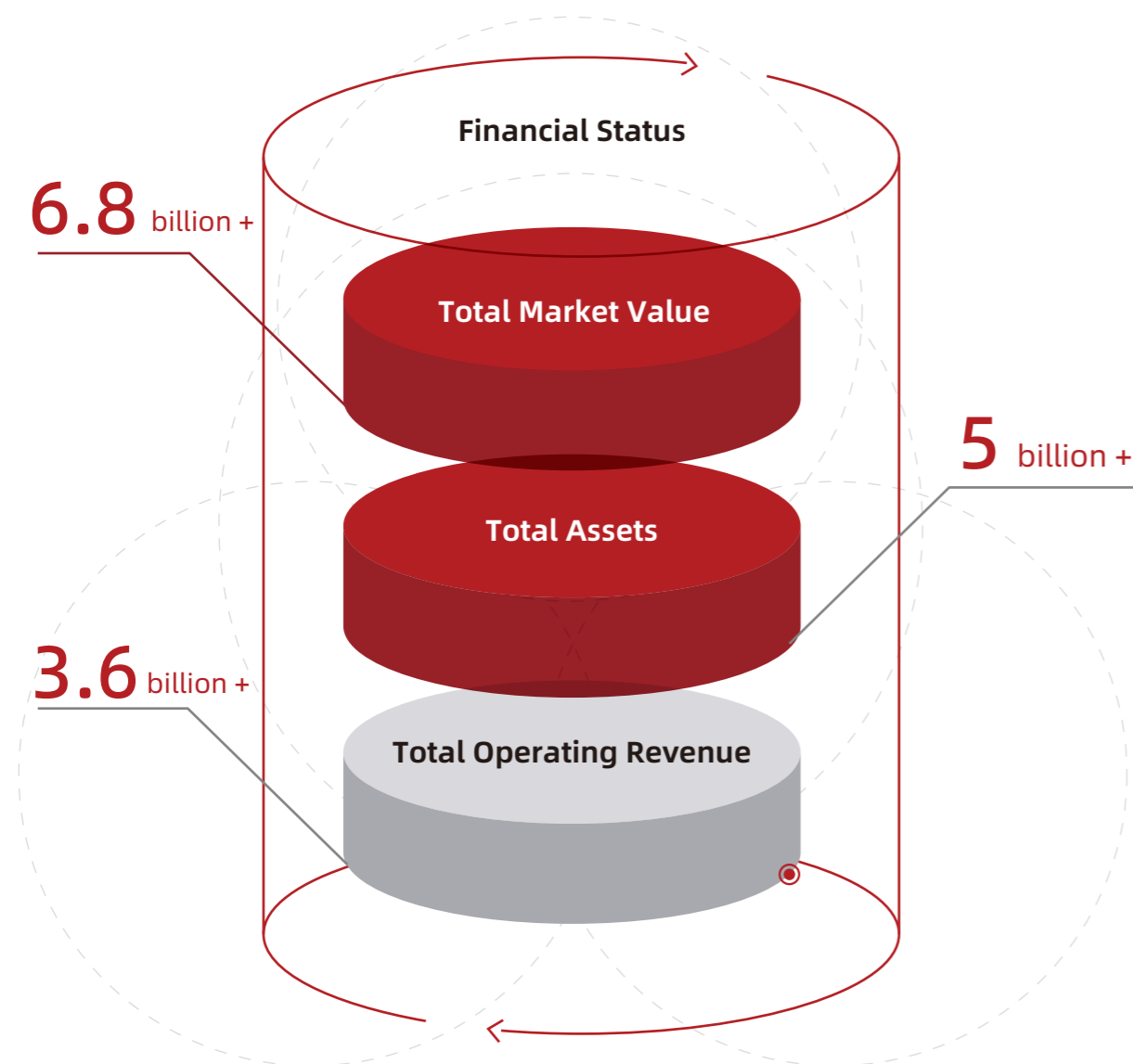
Company Development Goal:

Bridge the gaps between energy selection, energy management, and tiered utilization to achieve a green and intelligent energy model.



Company's Financial Strength Providing Vigorous Support

2023 Vision's Big Data



Corporate Talent Management

Value and respect talents.



Corporate Talent Philosophy

Vision Group attaches great importance to talent selection and cultivation, and is fully committed to providing a favorable working environment, competitive salaries and benefits, industry-specific training, and ample development opportunities for nurturing talents. Over the past two decades, numerous talents have emerged. In the future, we aim to attract even more outstanding individuals to join us in striving for a brighter future for Vision Group.



Corporate Talent Cultivation

Our goal is to provide employees with chances for growth and development, including targeted training and mentoring programs for current roles and prospective career paths. And we will constantly update our employee development plans to meet changing business needs and personal development goals.

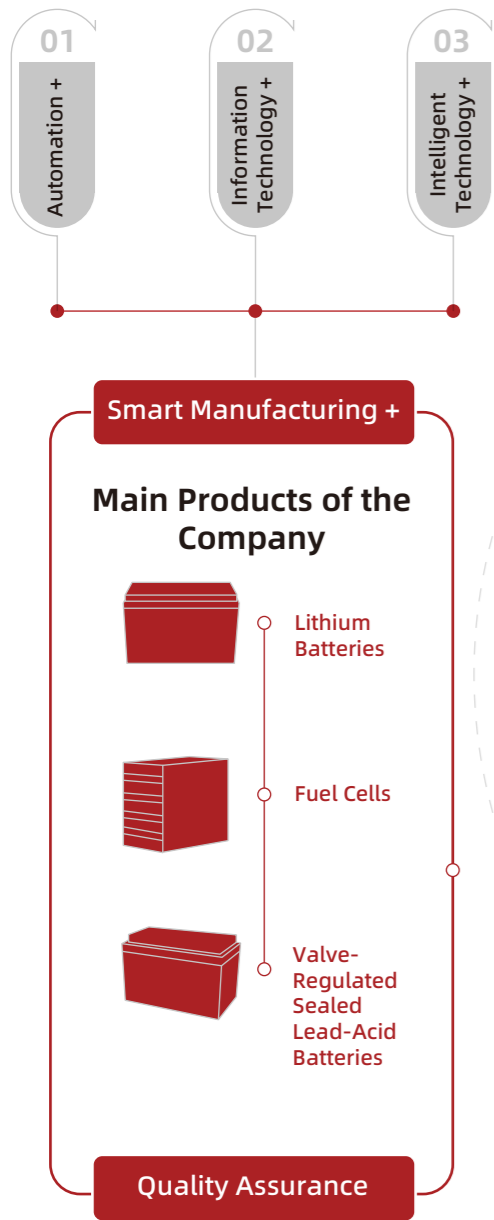


Career Development Opportunities

Vision Group has created dual career development paths for employees, encompassing both management and professional skill tracks. In order to better assist employees in exploring their potential, we provide internal mobility for them while considering their personal preferences.



Smart Manufacturing Empowering High-end Industries



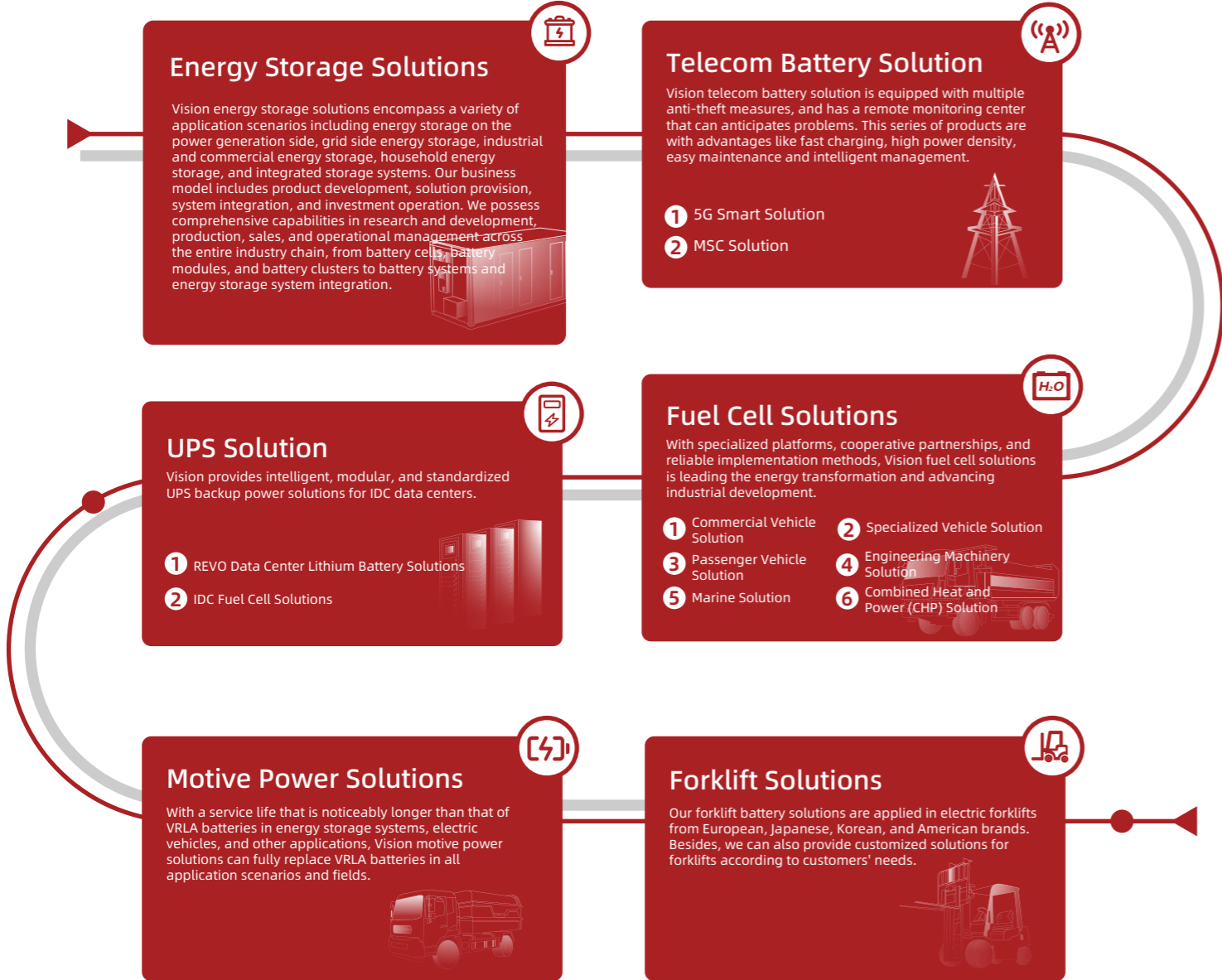
Quality Management Scientific and Rigorous Control

Quality is the lifeblood of an enterprise, the essence of its development, and the cornerstone of its competitive edge. Vision Group not only recognizes the importance of improving production efficiency and reducing waste but also has ingrained the belief that "quality is the lifeblood of the enterprise" into its core values, consistently striving to meet customer needs with a standard of "100% satisfaction."



Industrial Solutions

Leading Development of Smart Energy



Typical Project References

Ensuring business coverage in multiple industries.



Korean KT Telecom 5G Project in the Communication Sector



Hubei 50MW/100MW Large Energy Storage Project



Base Station Energy Storage Peak Shaving and Valley Filling Project for a Chinese Tower Company



An International UPS Plant - Experimental Center

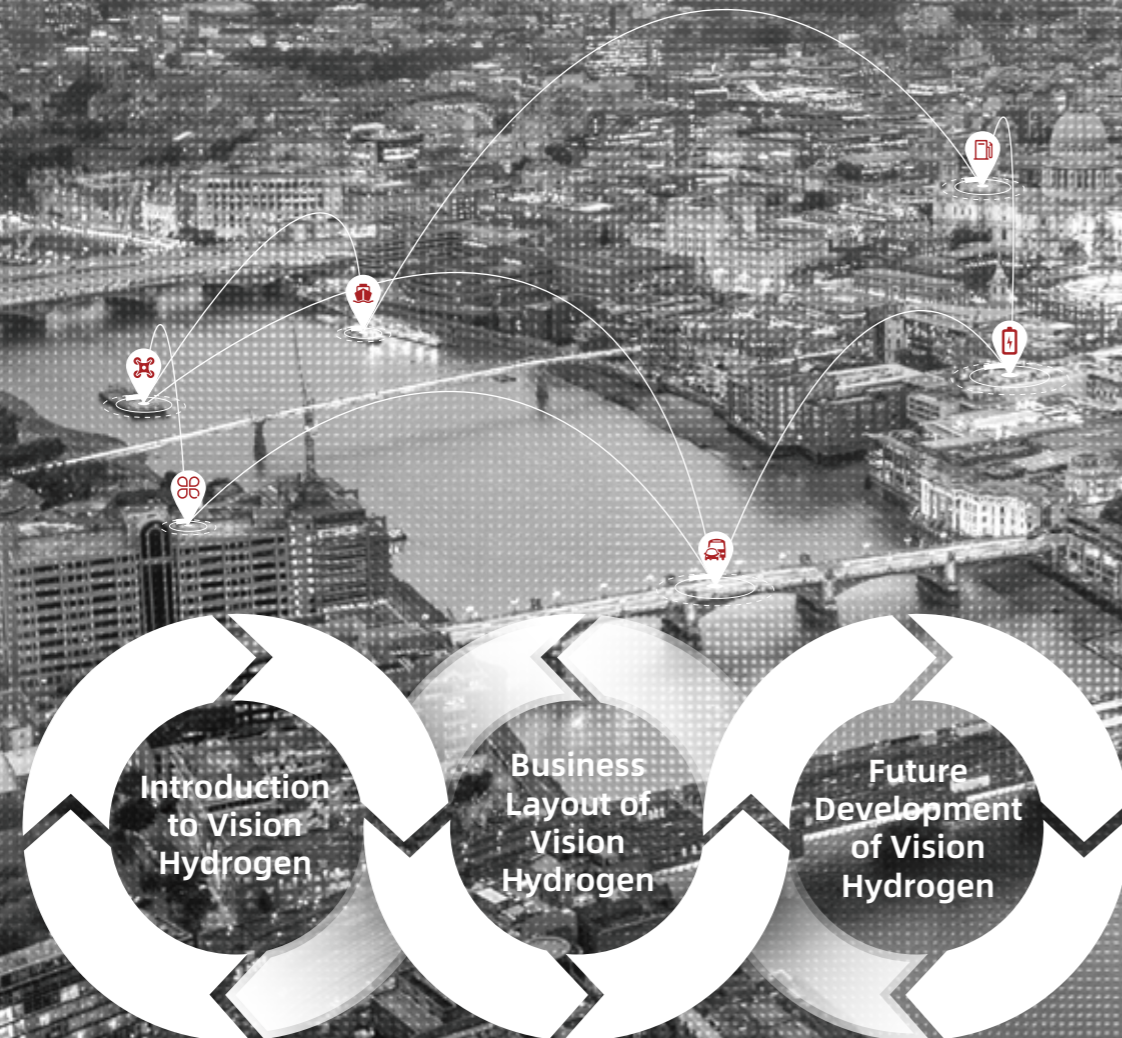


Datong Hydrogen Fuel Bus Project



Wuhan Hydrogen Fuel Bus Project

Business Layout Keen Insight into Market Opportunities



Ambitious and Visionary Diversified Development Strategy

Corporate Development Strategy:

We adopt a diversified development strategy centered on the core battery business, shifting from a manufacturing-based profit model to a brand-driven profit model.

At the same time, we are committed to promoting the development of lithium-ion batteries and hydrogen fuel cells to achieve diversification in products, geographic markets, and services.



Introduction to Vision Hydrogen

Funded by Shenzhen Center Power Tech Co., Ltd. (stock code 002733), Vision Hydrogen is dedicated to the comprehensive development of hydrogen energy industry. The company is committed to building a complete, localized fuel cell industrial chain and providing a full spectrum of services, ranging from core fuel cell components to integrated solutions. Vision Hydrogen actively supports the optimization of the national energy structure and contributes to the realization of the "dual carbon" goals.

Technological Leadership: Vision Hydrogen brings together industry leaders and experienced technical specialists in the hydrogen energy industry to form a Central Research Institute, with a dedicated R&D team of over 200 members, more than 50% of whom hold master's and doctoral degrees. The team focuses on the R&D of membrane electrodes, bipolar plates, fuel cell stacks, and engines. The VISTAH series hydrogen fuel cell engines provide system power ranging from 30 to 260 kW, leading the domestic market in performance. These engines have been successfully deployed in commercial vehicles, construction machinery, and backup power systems for telecommunications.

The Hybrid Expro series engines, globally pioneering in their design, integrate high-rate lithium batteries and fuel cells in parallel. By leveraging lithium batteries to balance power peaks and valleys, the system's operational strategy is optimized, ensuring the power system operates at its most efficient point. This results in an average system efficiency of over 60%, with overall hydrogen

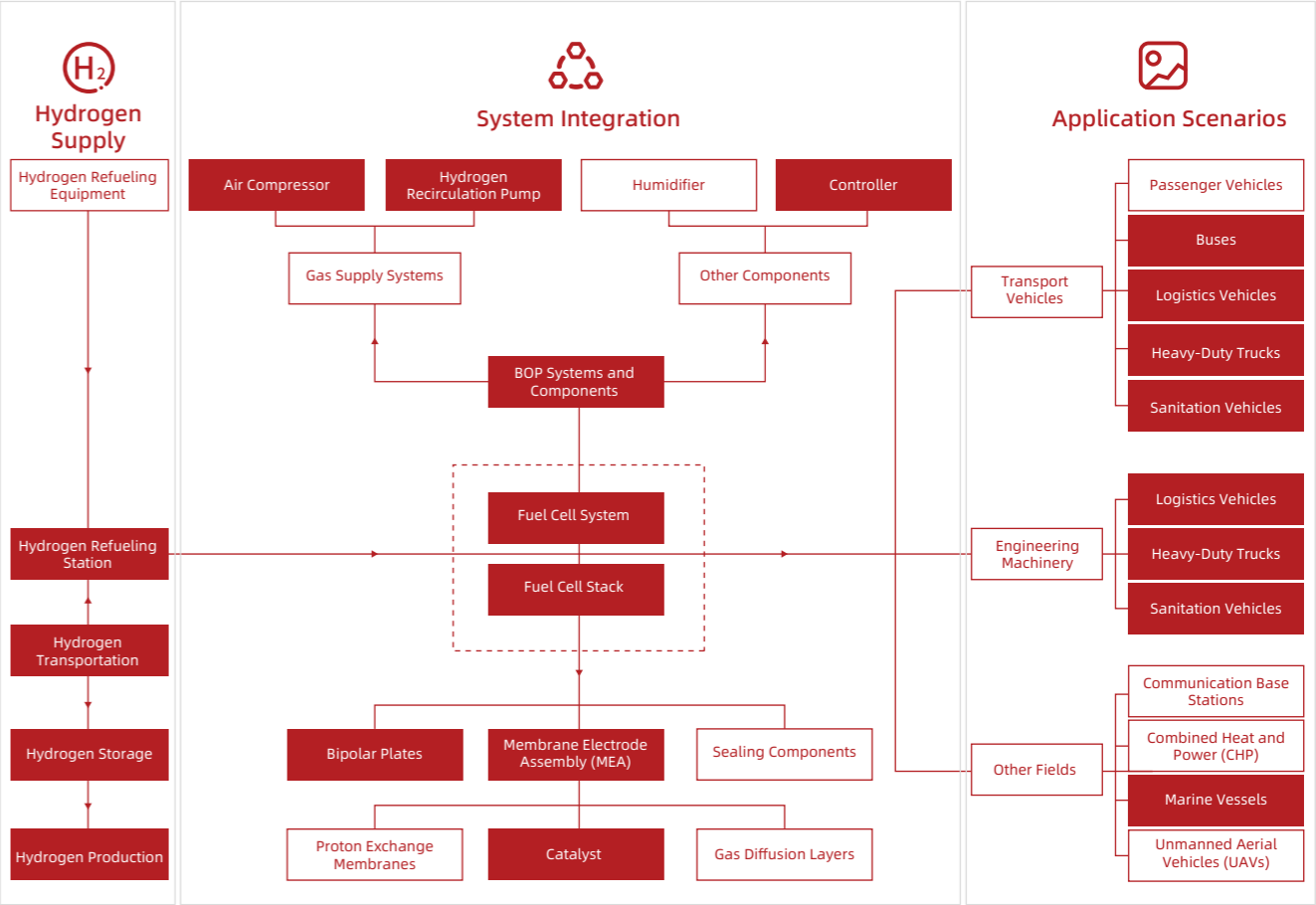
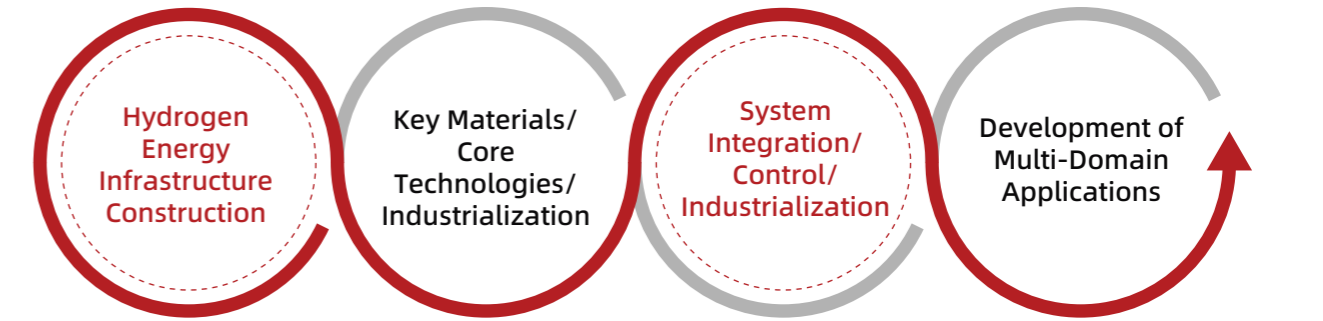
consumption approximately 60% lower than competing products. Real-world tests on a 49-ton hydrogen-lithium hybrid heavy-duty truck demonstrate a reduction in hydrogen consumption from 11 kg to 4.5 kg per 100 kilometers.

In terms of hydrogen energy storage products, the company offers a range of modular hydrogen storage systems with power outputs ranging from 100 to 1,000 kW. These systems utilize customized, long-life proton exchange membrane (PEM) fuel cell stacks designed for energy storage, with a power density of up to 20 kW/m³ in the power generation units. By creatively applying latent heat and peak thermal regulation technologies, overall efficiency is enhanced by 10%, resulting in an average system efficiency of 60% and a maximum efficiency of 70%.

In fuel cell stack development, graphite plate stacks attain a power density of up to 4.5 kW/L with a lifespan exceeding 30,000 hours. The metal plate stacks also perform exceptionally well, with a power density of 5.7 kW/L. The novel paper-based stack technology, introduced in Nature magazine, utilizes world-leading carbon fiber integrated molding technology, achieving a thickness of less than 0.13 mm at its thinnest point. This technology merges the ultra-long lifespan of graphite plates with the ultra-thin size of metal plates, resulting in a volumetric power density exceeding 6 kW/L and a lifespan of at least 40,000 hours.

The company's self-developed proton exchange membrane (PEM) water electrolyzers adopt a dual-support layer design and corrosion-resistant low-platinum (Pt) coating technology for the plates. The catalysts possess a high active surface area and a long lifespan, enabling the production of megawatt-scale PEM electrolyzers with unit energy consumption as low as 3.89 kWh/m³.

Vision Hydrogen Business Layout

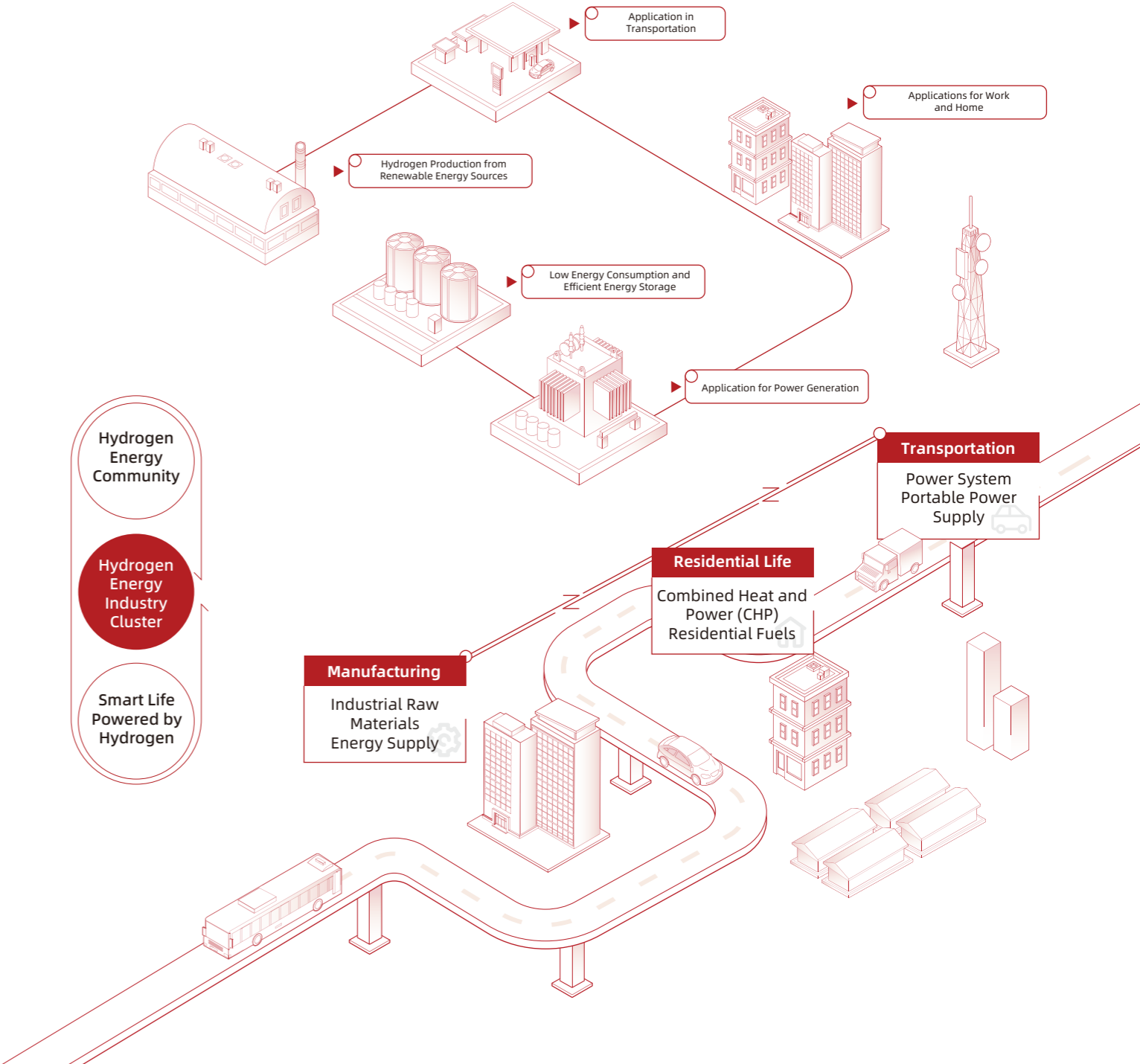
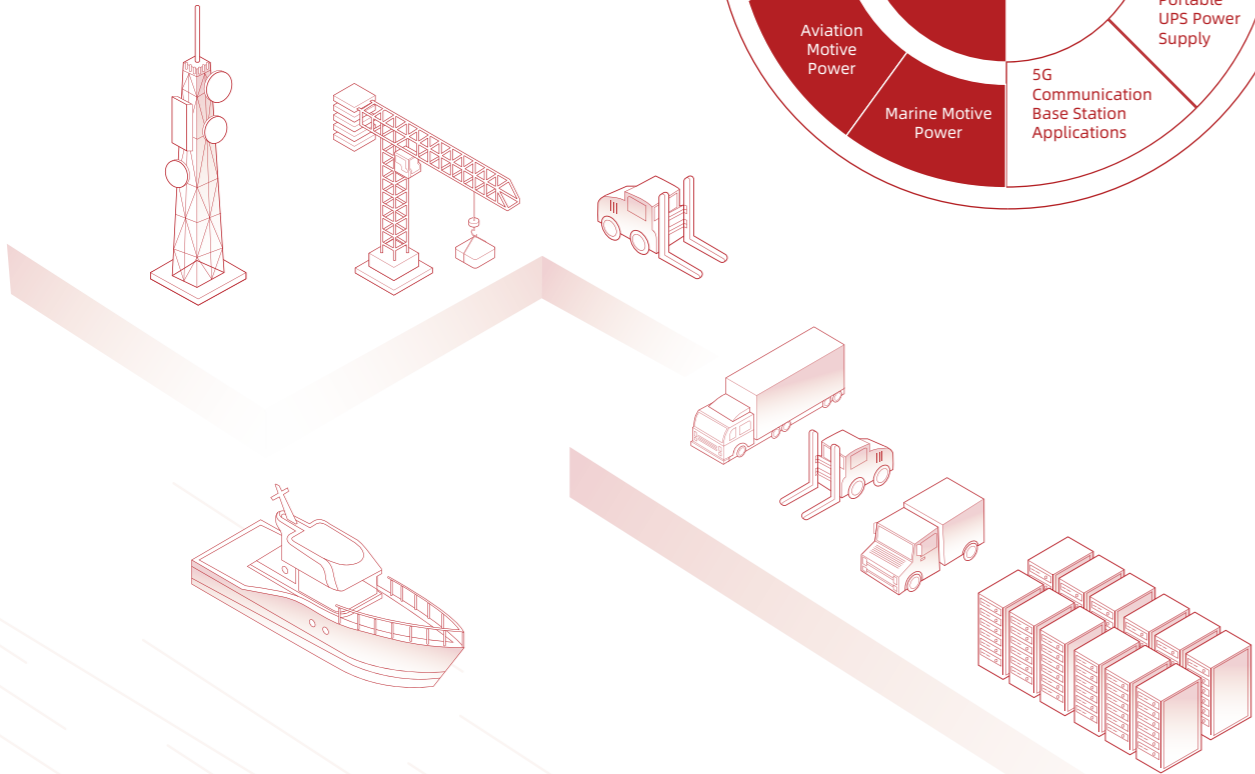
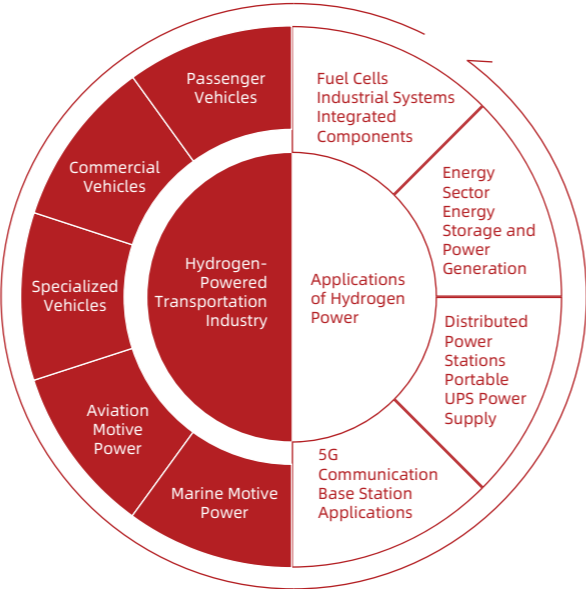


Note: The areas indicated in white font are those that have already been invested in or applied, or are planned for future investment and application.

Future Development of Vision Hydrogen

The Future is Here: Transforming the World with Hydrogen

- Specialized Platforms
- Robust Implementation Models
- Collaborative Alliances



Global Business Network



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Vision Group employs professionals from various countries and regions worldwide and has established long-term, stable partnerships with numerous distributors and collaborators globally.

Note: ● indicates the locations of sales outlets

Telecom

CHINA TOWER 中國鐵塔	中國電信 CHINA TELECOM	中國移動通信 CHINA MOBILE	China unicom 中國聯通
HUAWEI	Jio	telenor	IHS Towers of strength
VEON	VERTIV	AIS	DELTA Smarter. Greener. Together.
axiata	eco enabling connectivity	MTN	invt 英威爾

UPS

Schneider Electric	EATON	legrand
VERTIV	DELTA Smarter. Greener. Together.	ABB
riello ups	KELONG 科隆技术	SALICRU
EAST 易事特	GOS 万国数据	

Forklift

TOYOTA 丰田	BT	CROWN	JUNGHEINRICH	SINOBOOM
MITSUBISHI ELECTRIC	SFC HANGCHA	Linde	HYSTER	HELI

Hydrogen Fuel Cell

同济大学 TONGJI UNIVERSITY	武汉理工大学 WUHAN UNIVERSITY OF TECHNOLOGY	武汉工程大学 WUHAN INSTITUTE OF TECHNOLOGY
厦門大學 XIAMEN UNIVERSITY	深圳清华大学研究院 SHENZHEN THS UNIVERSITY RESEARCH INSTITUTE	华南理工大学 SOUTH CHINA UNIVERSITY OF TECHNOLOGY
	GOLDEN DRAGON 金龙客车	飞驰客车 FEICHI BUS
FULONGMA 福龙马	中通客车 ZHONGTONG BUS	中国中车 CRRC
Skywell	大运汽车 DAYUN AUTO	

Energy Storage

国家能源集团 CHN ENERGY	Baidu 百度	国家电投 SPIC	中国南方电网 CHINA SOUTHERN POWER GRID
GOS 万国数据	KELONG 科隆技术	EAST 易事特	京能集团
深圳能源 SHENZHEN ENERGY	国家电网 STATE GRID		

Achievements of Philanthropy

Give Back to Society through Philanthropy

Enterprise's Achievements of Social Welfare:

20 years

Engaged in social welfare initiatives for over

8.1+ million yuan

Used for education, student assistance, and educational development projects

20.38+ million yuan

Total investment in public welfare projects

9.38+ million yuan

Used for poverty alleviation, development, and construction projects

2.9+ million yuan

Total investment in other public welfare projects

Vision has actively responded to local government initiatives and cared for the community. We spread positive energy, fulfill corporate social responsibility, and strive to be an excellent corporate citizen.



Certificates & Honorary Titles

Elevate Vision to New Heights of Excellence



Advanced Team Member	A Powerhouse in Development
<div>Advanced Party Organization</div> <div>Vice Chair Unit of China Battery Hundred Association (CBHA)</div> <div>Member Unit of China Hydrogen Alliance</div> <div>Member Unit of the ODCC China Communications Standards Association</div> <div>Council Member Unit of Shenzhen Battery Industry Association</div> <div>Executive Council Member Unit of China Battery Industry Association</div> <div>Executive Vice President Unit of the Hydrogen Energy and Fuel Cell Branch of China Battery Industry Association</div> <div>Vice Chair Unit of China Industrial Association of Power Sources</div> <div>Exemplary Organization for Lead-Acid Battery Standardization</div> <div>Member Unit of China Energy Storage Alliance</div> <div>Member Unit of the Energy Storage Application Branch, China Industrial Association of Power Sources</div> <div>Council Member Unit of the Hazardous Chemicals Logistics Branch, China Federation of Logistics& Purchasing</div>	<div>National High-Tech Enterprise</div> <div>National Technology-Based Small and Medium Enterprise</div> <div>National Postdoctoral Research Workstation</div> <div>Excellent Export Enterprise in China's Battery Industry</div> <div>Listed as one of the Top 500 Machinery Enterprises in China</div> <div>Listed as one of the Top Enterprises in China's Light Industry</div> <div>Ranked Among Top 10 Enterprises in China's Lead-Acid Battery Sector of the Light Industry</div> <div>Ranked Among Top 50 Private Enterprises in Shenzhen</div> <div>Excellent Reputation Export Enterprise in 2020</div> <div>Ranked Among Top 10 Battery Enterprises in 2021</div> <div>National-level Specialized, High-tech, and Innovative "Little Giant" Company</div> <div>Top 100 Innovative Enterprises in the Digital Economy</div> <div>Fifth Batch of Hidden Champion Cultivation Enterprises in Sub-Sectors of Pillar Industries in Hubei Province</div> <div>Hidden Champion Demonstration Enterprise in Sub-Sectors of Pillar Industries in Hubei Province</div> <div>Ranked Among Top 10 Battery Brands with Industry Influence</div> <div>Ranked Among Global Top 500 New Energy Enterprises</div> <div>Fuel Cell Enterprise Award in 2023</div> <div>Famous Brands in Shenzhen</div> <div>Energy Storage Low Carbon Benchmark Award</div> <div>Leading Strategic Emerging Enterprise in the Guangdong-Hong Kong-Macao Greater Bay Area in 2022</div> <div>Outstanding Battery Supplier in Energy Storage Industry in 2022</div> <div>Innovation and Development Award for Top 50 Good Companies in 2022</div> <div>Annual Innovative Brand in China's Battery Industry</div> <div>Ranked Among Top 100 Companies in Hydrogen Energy Industry in 2024</div> <div>Leading Brand in China's Electrical Industry</div> <div>Top 10 Key Enterprises announced by China's Lead-Acid Battery Industry in 2023</div> <div>Technology Innovation Leading Award in 2024</div>
Reliable Partner	
<div>Vodafone Global Supply Chain</div> <div>Management Approved Supplier</div> <div>Excellent Supplier in China's Battery Industry in 2020</div> <div>Best Partner</div> <div>Excellent Supplier</div> <div>Chinese Quality Integrity Enterprise</div> <div>Shenzhen Import and Export Integrity AAA Enterprise</div> <div>Outstanding Battery Supplier in Energy Storage Industry in 2022 selected by OFweek</div> <div>Xingbang Intelligent Excellent Supplier Award</div> <div>Consulting Unit for the HFC World Hydrogen and Fuel Cell Industry Expo</div> <div>Excellent Partner of China Mobile in 2022</div> <div>Outstanding Partner of Schneider in 2023</div> <div>Sinoboom Partner in 2024</div>	