



無畏洲

WU WEI ZHOU



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PART 01

# About Us

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# Company Introduction

## WU WEI ZHOU Co., Ltd.

WWZ integrates four major business sectors to serve the global market:

- 1. Global real estate development;
- 2. Green Energy farm development;
- 3. Import and export trade;
- 4. Environmental governance.

WWZ has a global core technical team, including PhDs in architecture, structural engineering, and economics, as well as environmental governance experts with international expert recognition and multiple patents.

Through professional and efficient operations, WWZ has completed numerous real estate and green energy development projects globally, enhancing the international brand vitality and influence of the enterprise.

We will continue to focus on quality services, and continuously regard meeting and exceeding customers' needs and expectations as our sustainable development path.

## History of development

In 1982, its environmental governance industry was initiated in the industrial city, Detroit, Michigan, USA.

In 1991, the real estate industry was strategically positioned at the top level of the global economy and spread across the globe.

In 2013, WWZ China was established. In 2016, it underwent corporate restructuring and became a sino-foreign joint venture. Subsequently, WWZ Malaysia was also established.



## Headquarters

Real estate development:  
California, USA  
Environmental governance:  
Detroit, Michigan, USA



## Employees

America core team: 50  
China team: 30人



## Branches

### 02 WWZ-INTERNATION

WWZ-International is specialized in the planning and design of public buildings and urban schools in North America. With a design team composed of several LEED-certified experts, the company's projects are provided with a solid guarantee for sustainable development. Projects such as Google OC, international schools, and international hotels have won multiple awards in the construction industry. WWZ- International puts eyes on the world and returns to the quality derived from concentration.

01

### WWZ-SERVOTECH

WWZ-ServoTech, located in the industrial area of the northeastern United States, is the heartland of the global generation industry. The environmental management business of WWZ- ServoTech was born here and serves the world.

03

### WWZ-CHINA

WWZ-China focuses on green energy farm development and AI energy management platform development. It located in the high-quality capital economic circle.

04

### WWZ Malaysia

WWZ-Malaysia is established relying on the excellent business operation order and favorable financial environment in Malaysia. It lays a solid foundation for the development of the ASEAN region. It serves as a hub for the "Belt and Road Initiative" maritime Silk Road trade, providing a green channel for product technology and trade import and export business.



## Our Team



**Ray Shashaani**

**Chairman**

**Dr. of Structural Studies  
Dr. of Economics**

WWZ chairman, a veteran real estate developer in the United States, previously served as the head of Chrysler's Asia-Pacific region in the United States. Ray Shashaani is in charge of WWZ's global business development and strategic planning.

**Shazad Ghanbari**

**President**

**Dr. of International  
Architecture**

WWZ president, with over 25 years of engineering experience, he is in charge of design research and solution of the construction projects in the United States. He ensures that the maximum value of various forms, systems and materials is utilized in each project, while maintaining a reasonable arrangement, optimization and control of the environment, culture, climate, budget and time.

**Hamid Servati**

**President**

**Dr. of Mechanical Engineering  
Global Environmental Governance Expert**

Focusing on the field of global environmental emission control, and having many US patents, technical papers and publications in this field. Serving as the chairman of the SAE Detroit branch and the chairperson of the SAE Global Automotive Development Conference. Hamid is dedicated to the business development in the US region and assists in managing the business in other regions globally.

**Wulei**

**President**

**Senior Mechanical and  
Electrical Engineer**

President of WWZ's Asia-Pacific and Africa division. She has a comprehensive resource support system in the field of mechanical and electrical automation. With extensive knowledge, she can make the most integration of project finances, professional and technical resources, injecting new vitality and creativity into WWZ's innovative and specialized efforts.

# Company History Timeline



## 1982 WWZ ServoTech

1982

Dr. Hamid, as the leader of the environmental governance expert team, has developed and held many patents.



Received Q1 certification from Ford Motor in 1982



Since 2006, automotive exhaust emission technology has been in services for General Motors.



Mobile Applications



Stationary Applications

# Company History Timeline



## WWZ International

1991

WWZ International was founded in 1991  
Located in California, the United States.



WWZ INTERNATIONAL PROJECT & LIFE



Google OC headquarters  
Scope: 140,000 sf new construction  
LEED Platinum



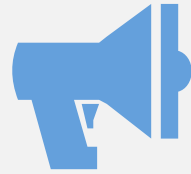
Tianjin Opzoon technology data center complex



2016

## WWZ China & WWZ IND

WWZ China and WWZ Indonesia established  
successively .



PART 02

# Corporate --- Culture

 **Company Culture**



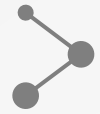
**Passion**



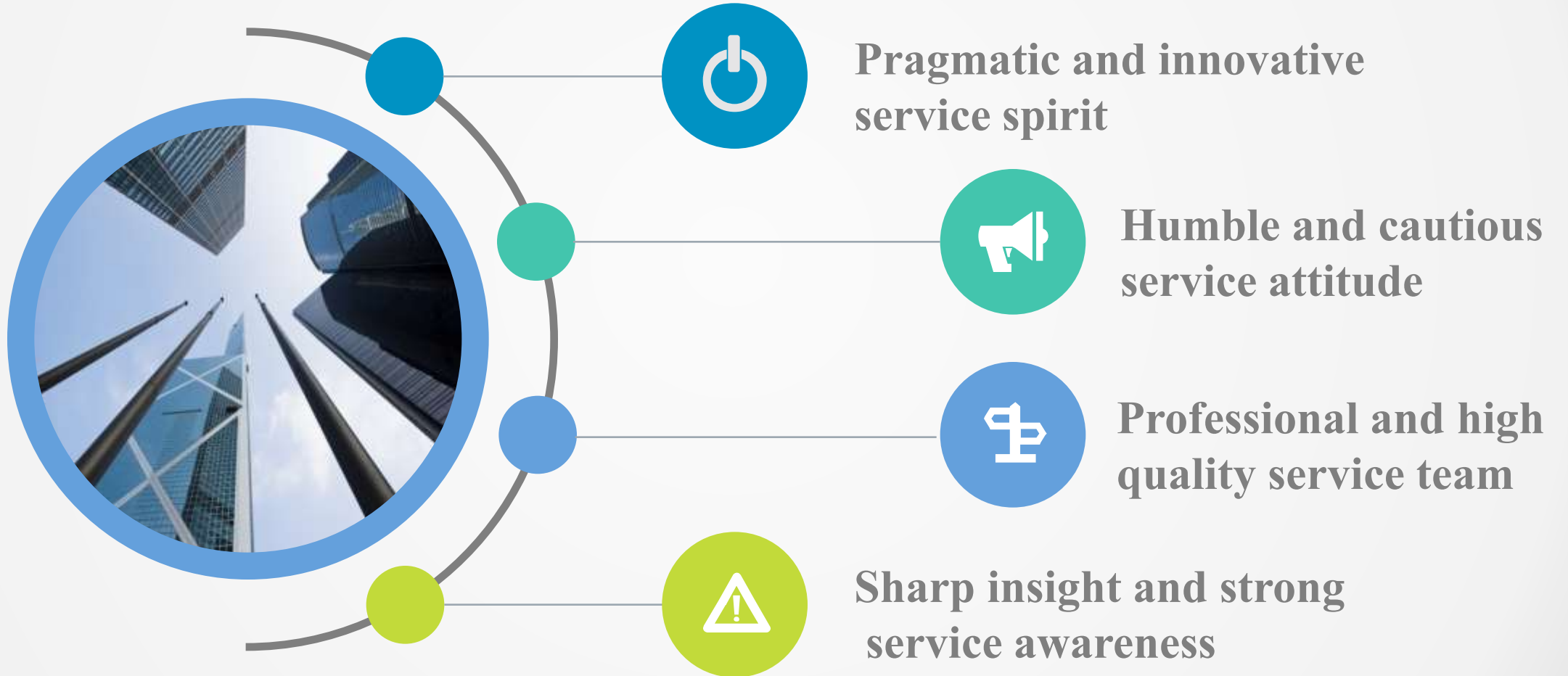
**Focus**



**Execution**



## Service Concept





PART 03

**Product &  
Advantage**

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# Main Scope Business

35%

Land Use



20%

Procurement



35%

Emission Control  
New Energy  
Development



10%

Architecture  
Engineering



# Land Use

Overseas real estate

Development and supporting consultation

Investment analysis



# Land Use

Logistics real estate

Consultation on  
development & site  
selection

Architectural design  
plan



# Land Use

Data center real estate

Site selection,  
construction and  
leasing



# Foreign Trade & Procurement

## M&E Equipment



**High-voltage cabinet**



**Low-voltage cabinet**



**Medium-voltage switchgear**



**Transformer**



**Fans**



**Generator unit**



**Water pump**

# Foreign Trade & Procurement

## Assemble building systems

Cold-formed steel frame system

Flat-roof box-type house/building

Low-cost modular housing/building

Light steel portal frame system



# Foreign Trade & Procurement

Building facilities

Metal-faced sandwich panel wall system



**Cold storage panel**



**Building panel wall**



**Building panel wall**



**Metal-faced sandwich panel**



**Metal-faced curtain wall panels**



# Industrial Workshop-Automobile



天津渝江压铸有限公司  
汽车关键零部件铝  
合金铸造项目  
Tianjin Yu Jiang  
Forging Co. Auto Parts  
Aluminum Forging  
Project



天津雄邦压铸有限公司自  
动变速器关键零件项目  
Tianjin Hongbang Forging  
Co. Automatic Gearbox  
Parts Project



德国一汽大众  
平台零部件  
(天津)项目  
Volkswagen  
FAW Auto  
Parts Tianjin  
Project



德国长春爱尔  
铃克玲尔有限  
公司新建项目  
(Germany)Cha  
ngchun  
Elringklinger  
Co., Ltd.



# Industrial Workshop-Automobile



德国合宜锻造  
有限责任公司  
(天津)  
(Germany) Hay  
Forging Factory  
(Tianjin)



德国图尔克(天津)有限公司  
(Germany) New Construction  
of Turck (Tianjin) Co., Ltd



德国天马筛得力工艺设备  
(天津)有限公司项目  
(Germany) New Construction  
Project for Foreign Joint Venture  
TEMA Siebtechnik Process  
Equipment (Tianjin) Co., Ltd



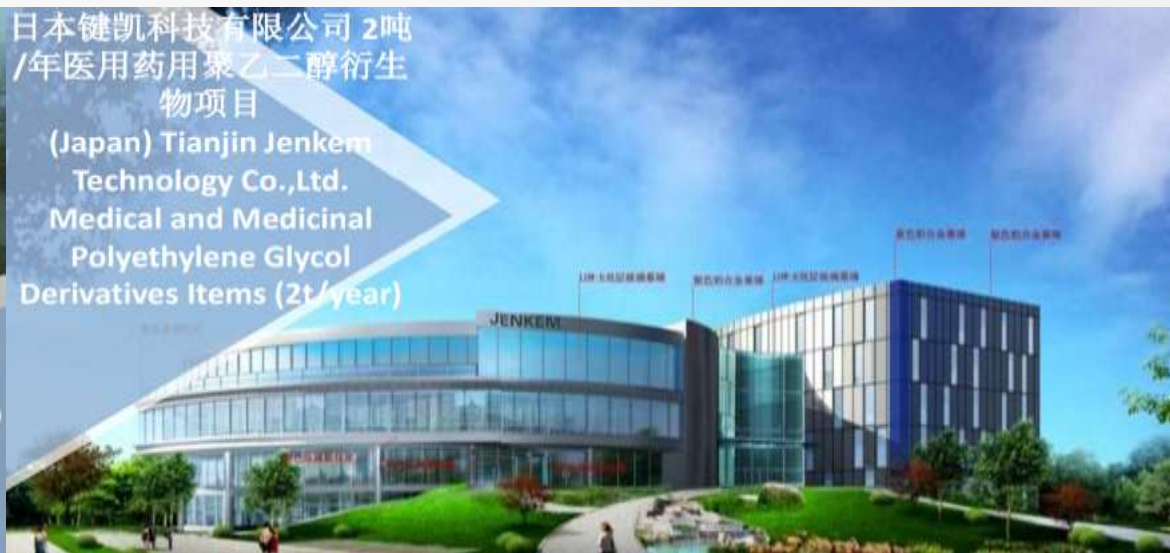
天津同力重工有限公司非公  
路用车制造基地项目  
Base project for Tianjin Tongli  
Heavy Industry Co.,Ltd (China)  
Off-highway vehicle



# Industrial Workshop-Electronics



# Industrial Workshop-Medical



# New Energy



# New Energy



Apple's first 40MW photovoltaic power plant in China, with the highest power generation T7 system



World's first contactless charging train technology project in California USA

# Innovation



One of Dr. Servati's major global contributions is the modeling of transient fuel behavior (patents 5408972, 5404856, 5934260) and the publication of papers (SAE papers 840036, 840239, 890566960109, 970058).



Ms. Wulei's contribution on AI Energy intelligent cloud management platform (Patents CN 202310646872.4 and CN 202310622971.9)

# Architecture Engineering

Steel structure  
engineering



机电设备



# Emission Control

## Emission Control

Mobile terminal application



# Emission Control

## Emission Control

Fixed terminal application



## Emission Control



**Hamid Servati**

**Environmental governance expert**

1. One of Dr. Hamid's major global contributions is the modeling of transient fuel reaction.
2. Dr. Hamid has provided key pioneering and supportive technologies and solutions for reducing air pollution, including emission control systems, as well as products such as those for diesel, gasoline, fuel-driven coal, mobile and stationary applications in industrial and thermal power plants.
3. In 1987, Dr. Hamid's core technical team developed the world's first urea injector and control strategy for the diesel engine NO<sub>x</sub> reduction SCR system commissioned by Ford Motor Company.
4. During his tenure at Ford, Dr. Hamid made significant contributions in the areas of engine air and fuel control, turbocharged engines, calibration automation, and training engine calibration engineers in modeling and simulation, thereby reducing development time and costs and enabling Ford's growth. The development and production of SCR provide the most advanced NO<sub>x</sub> reduction solutions for industrial applications and power plants.

## Emission Control



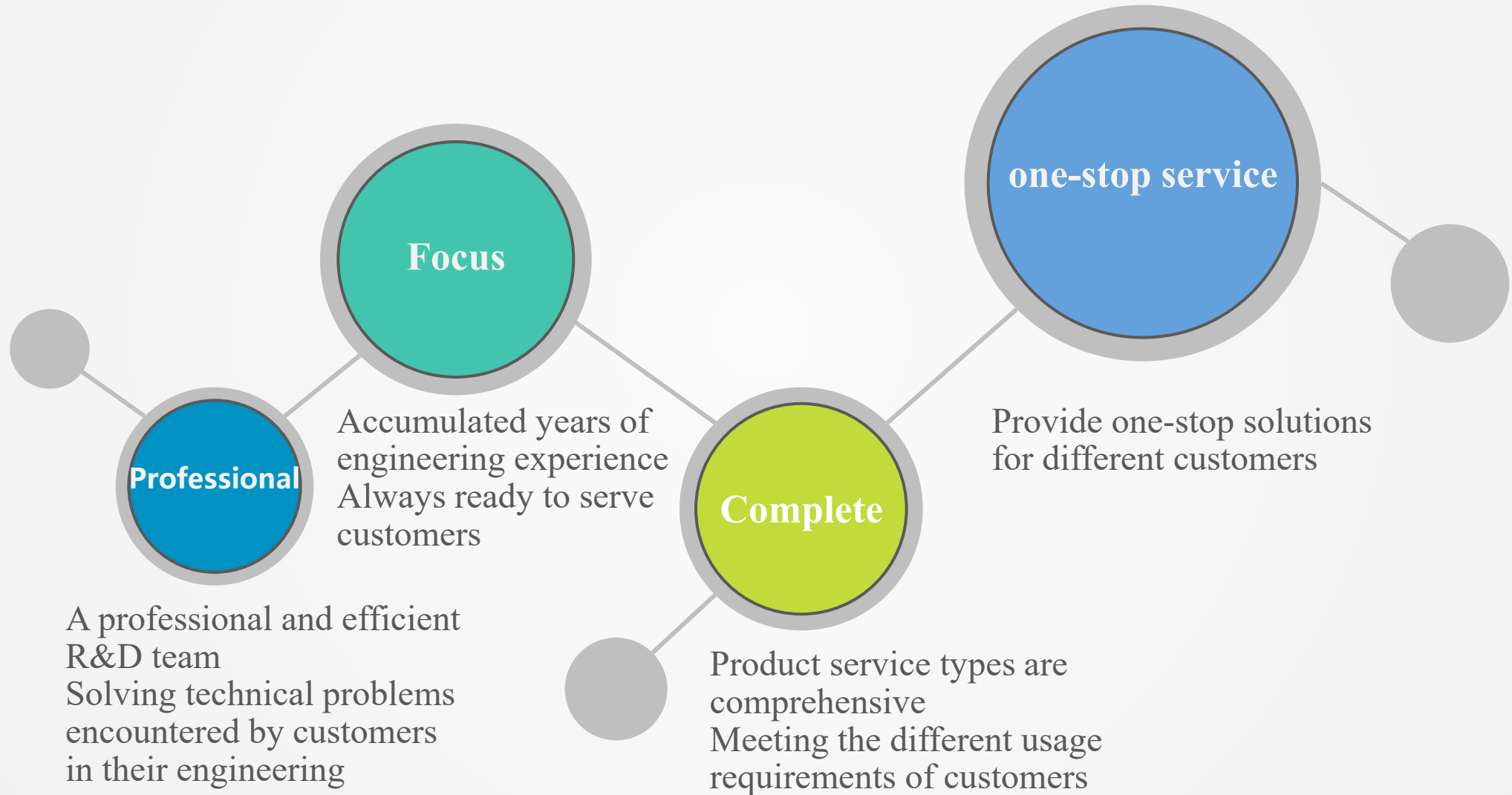
**Hamid Servati**

**Environmental governance expert**

5. Dr. Hamid has guided automotive engineers through his publications and training courses, promoting transmission system ideas from the intellectual property level to production, and promoting his powertrain and emission engineering.
6. Dr. Hamid has guided Ford engineers to become important participants in the Ford Powertrain Core Competency Program by designing air, fuel and emission control courses. By working with the intellectual property licensing team, he has identified intellectual property with the potential to improve existing technologies and production opportunities with future R&D potential, and has been actively converting intellectual property and patent ideas into production applications.
7. Dr. Hamid's main intellectual property includes exhaust emission systems, hybrid and battery technology, NG storage systems (providing more natural gas storage capacity to extend driving time), and alternative fuels.



## Our Advantage





## Strategic Partner



Hanergy



CNC  
Energy  
Longyuan  
Power



GDNE



Zanpu  
Data



Looking  
forward to  
cooperation  
with you





PART 04

**Contact Us**

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## Contact Us



PHONE: +86 137-7433-3315, Wu Lei, President

EMAIL: [WUWEIZHOU1314@126.com](mailto:WUWEIZHOU1314@126.com)