

# **New Energy Auto Industry at Rugao**

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**Helsinki, Finland**

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# Location of Rugao

**The Yangtze River Delta**

Rugao is located on the north bank of the Yangtze River estuary, across the river from Shanghai. It is an important node city of the world-class Yangtze River Delta urban agglomeration.



The total area of Rugao is **1477 square kilometers**, with a population of **1.45 million**.



**3 highways**



**3 railroads**



**1 deep-water  
seaport**



**8 airports**





# The land of longevity

Rugao ranks **24th** in comprehensive competitiveness among China's 3000 county cities.

Rugao is one of the six long-lived villages in the world, which the number of the old over 100 years old is about **405**.



**Innovation**

+

**Green**

+

**Ecology**



**EV**



**FCV**



## ◆ 6 new energy vehicle and refitted vehicle enterprises

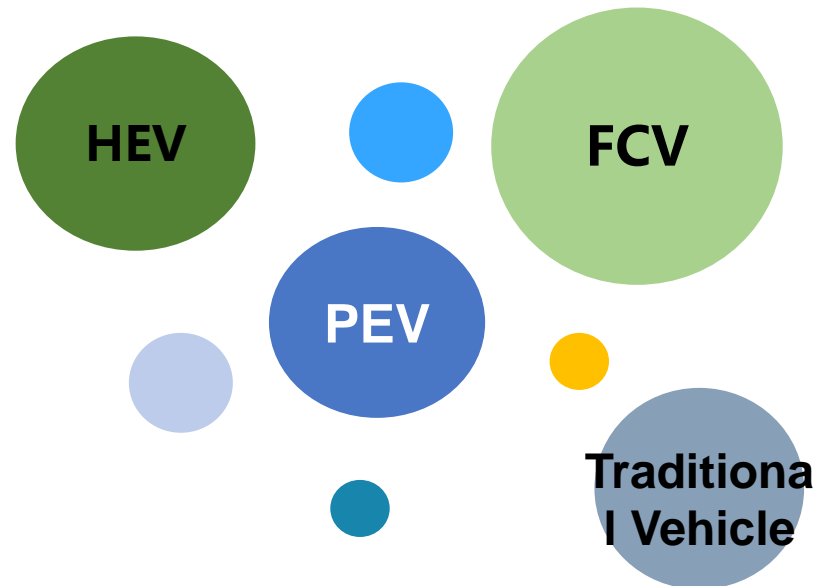


## ◆ 80 vehicle parts supporting enterprises



# Industrial agglomeration

Rugao is the first and the only place in China where manufacturers of commercial buses, passenger vehicles, and special purpose vehicles are gathered and focus on the R&D, as well as the commercialization of hybrid, electric, and fuel cell powertrains for automotive applications.





## Jiangsu GreenWheel EV Co., Ltd.

—— National high-tech enterprise focusing on r&d and production of new energy vehicles.

◆ More than 200 patents & More than 130 Products



## Geely Kandi EV Co., Ltd.

—— Specializing in the production of pure electric vehicle assembly.

◆ Rank **No.1** in China's pure electric vehicle market.







## Jiangsu Saleen Auto S&T Co., Ltd.

—— One of the most automated high-end sport sedan and SUV manufacturers in China.

American Race Car Manufacturer Saleen Auto is constructing a production line, and the total investment worth 17.8 billions. The first generation model “Mycar” has finished R&D phase, and the road testing is undergoing. The mass production phase is expected to begin by the end of this year.



- **High-end oriented**
- **Branding**
- **Differentiation**



# We encourage the preferential procurement of EV



**Public buses**



**Taxis**



**Sightseeing cars**



**Sanitation vehicles**



**Patrol cars**



**City delivery vehicles**



Our city has over **150** various charging stations which are totally open to the public.



The pure electrification of the bus reaches **72%**, the pure electrification of official vehicle reaches **86%**.



Several businesses have started operating electric vehicle services in our city offering periodic leasing and Internet sharing of electric vehicles.

The support of Rugao's government greatly promotes low-carbon travel of its urban citizens.



In the field of **hydrogen energy industry**, Rugao has owned more than **10** hydrogen energy companies such as Bing Energy, American Angstrom. These companies produce hydrogen cell systems, hydrogen production and refueling infrastructure products that support the growing hydrogen economy. There are over 500 hydrogen fuel cell delivery vehicles and 8 fuel cell busses successively put on the market.



Bing Energy specialize in the R&D and manufacturing of Hydrogen Fuel Cells.  
They provide fuel cell system solutions with independently developed MEAs.



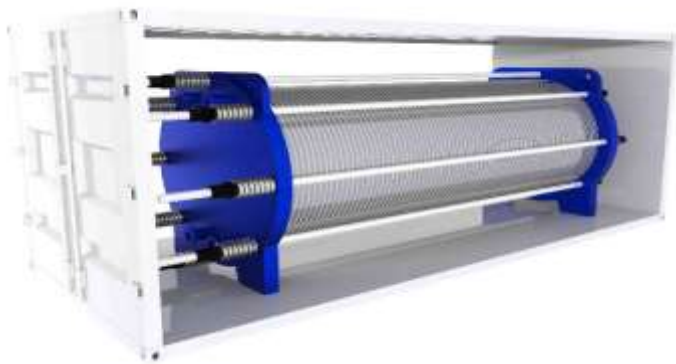




## Nantong Angstrom Renewable Co., Ltd.

— Specialized in hydrogen production and hydrogenation solutions.

Angstrom Renewable Corporation focuses on the R&D and Core Equipment manufacturing in the area of hydrogen energy. With a complete product chain of Hydrogen, from Production, Storage, to Utilization, Angstrom Renewable Corporation provides the world leading solutions for clients, including electrolyzers, photolysis of water systems, and fuel cells systems.



Angstrom VERDE series 10-1000 scf equipment

Hydrogen Refueling Station is being constructed by the National Energy Investment Group Nantong Division and American Air Products, following the world highest design standards. It is expected to be in service in September 2018. By then, it will be the first commercial Hydrogen Refueling Station in China, which runs 24 hours a day with both 35Mpa and 70Mpa refueling modes.



In 2016, the United Nations Development Zone Program awarded Rugao  
“China Hydrogen Economy Pilot City”.



Automotive Culture Exhibition Center



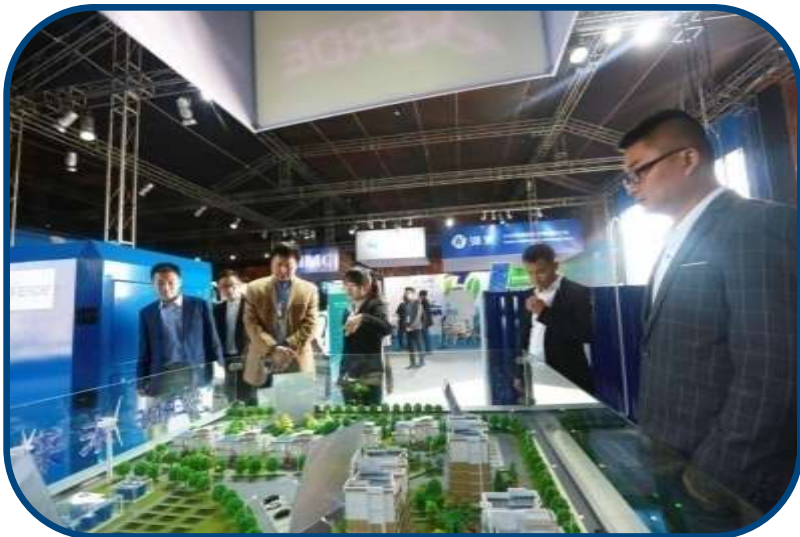
Hydrogen-energy knowledge  
popularization zone



In May 2017, the first workshop of China National Fuel Cell Standard Committee was held in Rugao.



In Nov 2017, the 2<sup>nd</sup> International Fuel Cell Vehicle Congress was successfully held in Rugao. Thousands of representatives in government, enterprise and academic circles from both domestic and international attended the meeting.



# Welcome to FCVC 2018

2018.10.23-25

Rugao, China

The poster features a large, faint background illustration of two hands shaking, symbolizing cooperation. In the foreground, there is a blue car with an 'H2' logo, a green landscape with wind turbines, and a city skyline. The text is arranged in a clean, professional layout with a mix of English and Chinese.

**FCVC 2018**  
**第三届国际  
氢能与燃料电池汽车大会**  
The 3<sup>rd</sup> International Hydrogen Fuel Cell Vehicle Congress

2018年10月23-25日 | 23-25 OCT., 2018  
如皋汽车文化馆 | Rugao Auto Expo Center

主办方  
Organizer

**IMECA** **SAE**  
CHINA



# Regional integration

Yangtze River Delta is the most aggressive region in China in terms of systematic and structural innovation.

- ◆ High adaptability
- ◆ Outstanding economic strength
- ◆ Broad radiating and exemplary influence
- ◆ Strong innovation capability



# Regional integration

Recently, the Society of Automotive Engineers of China and International Hydrogen Fuel Cell Council (Planning) together established the “Yangtze River Delta Economy Unification Plan”, “Yangtze River Delta Hydrogen Refueling Highway Construction Plan” and “Yangtze River Delta Hydrogen Fuel Cell Vehicle Science Introductory Tour” programs. Rugao City has been actively engaged in the entire processes.



2018年  
10月12-20日



Now China has a large quantity of hydrogen energy companies that are rapidly developing. We feel that the hydrogen industry of China, with the unwavering support of the Chinese government through sound national policy, will usher in **a golden period** of development for this important technology.







**All countries in the world are making efforts for the ecological environment protection and low-carbon travel of mankind.**



# Cooperation



**Welcome to Rugao**  
**Thank you**

