



中国汽车工程学会

China Society of Automotive Engineers

# World-class Technology Society

Build a Home for Automotive Engineers & Research-oriented  
Technology Society





<https://www.sae-china.org/>

100,000+

Individual  
members

150,000+

Registered  
members

2,300+

Unit members

## Established in 1963

*We are networking and connecting the automotive technology societies*

Secretariat: 185 ppl

Average age: 35

45%+ Master's degree & above

- Known as the world's 3 largest automotive technology societies together with US SAE & Japan SAE
- Executive Director of the International Federation of Automotive Engineers Societies (FISITA)
- One of the sponsors of the Asia Pacific Automotive Engineering Conference (APAC)





Construct Automotive Strategic Research Consulting System  
Build a Strategic Think Tank for Automotive Engineering Technology

## Recent

Towards 2025

“Made in China 2025”  
Automotive Technology Tracking &  
Evaluation Research

## Medium- and Long-Term

Towards 2030-2035

Technology Roadmap for Energy Saving &  
New Energy Vehicles, Automotive  
Engineering Technology Strategy,  
Technology Foresight Research

## Long-Term

Towards 2050

2049

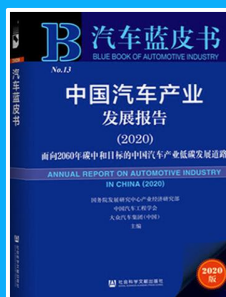
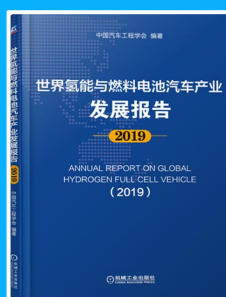
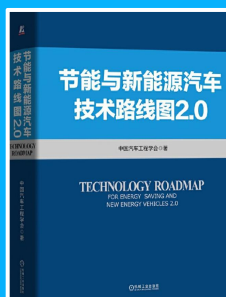
Chinese technology & social vision outlook,  
automotive technology & future mobility,  
China's energy outlook

2050

Medium- & Long-Term trends of  
China's automotive industry and  
energy consumption forecast model

2060

Research on the automotive industry's carbon  
neutrality roadmap





Entrusted by National Manufacturing Power Construction Strategy Advisory Committee and the Ministry of Industry & Information Technology (MIIT), to carry out the preparation of the *Technology Roadmap for Energy Saving & New Energy Vehicles*



500+ Experts

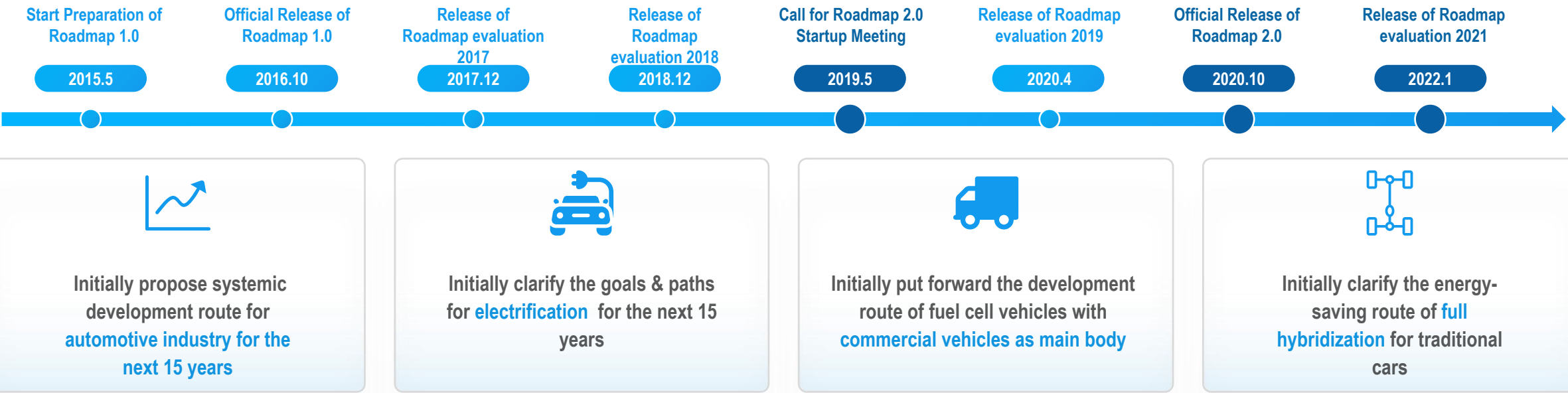
Participated in the research & compilation of Roadmap 1.0, involving related industries such as automotives, energy, materials, information & etc..



1,000+ Experts

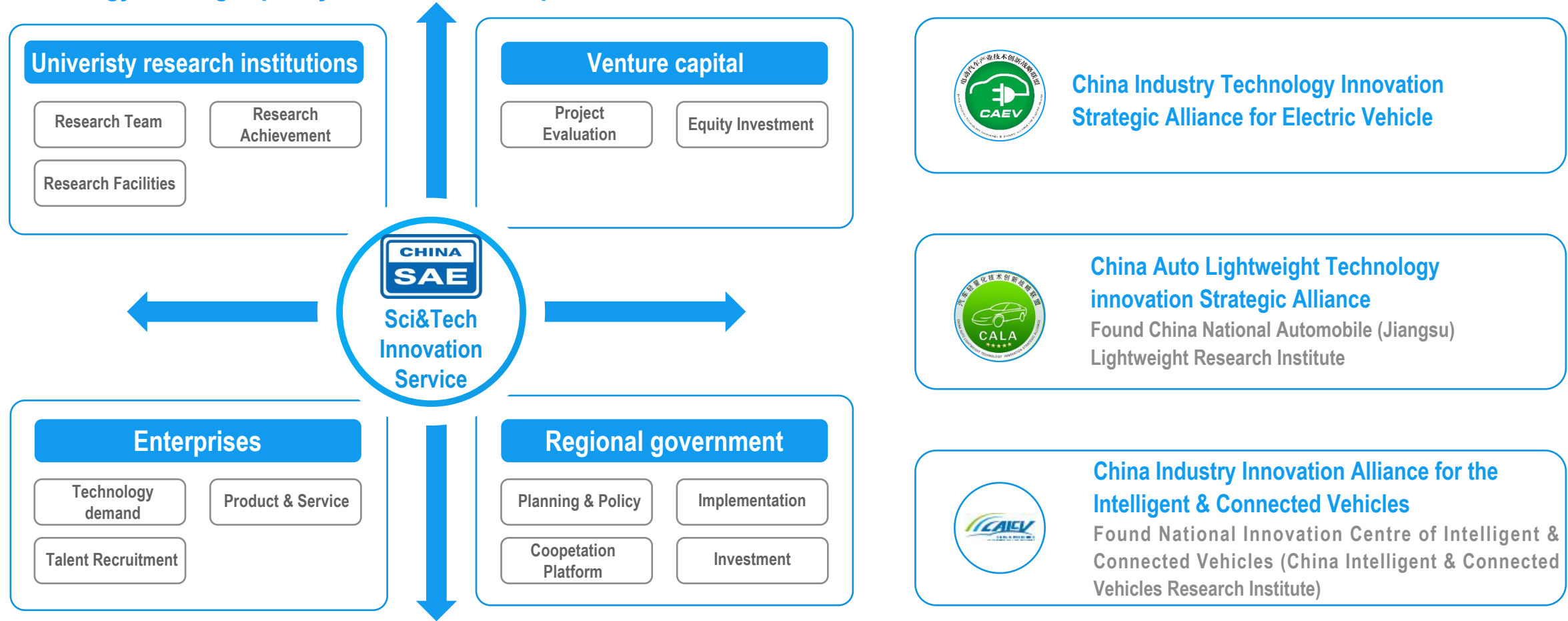
Participated in the research and compilation of Roadmap 2.0, involving related industries such as automotive, energy, materials, chemicals, information & communications, artificial intelligence, big data, transportation, urban planning.

Put forward a technological development route for China's automotive technology for the next 15 years, and continue to carry out dynamic annual evaluation.

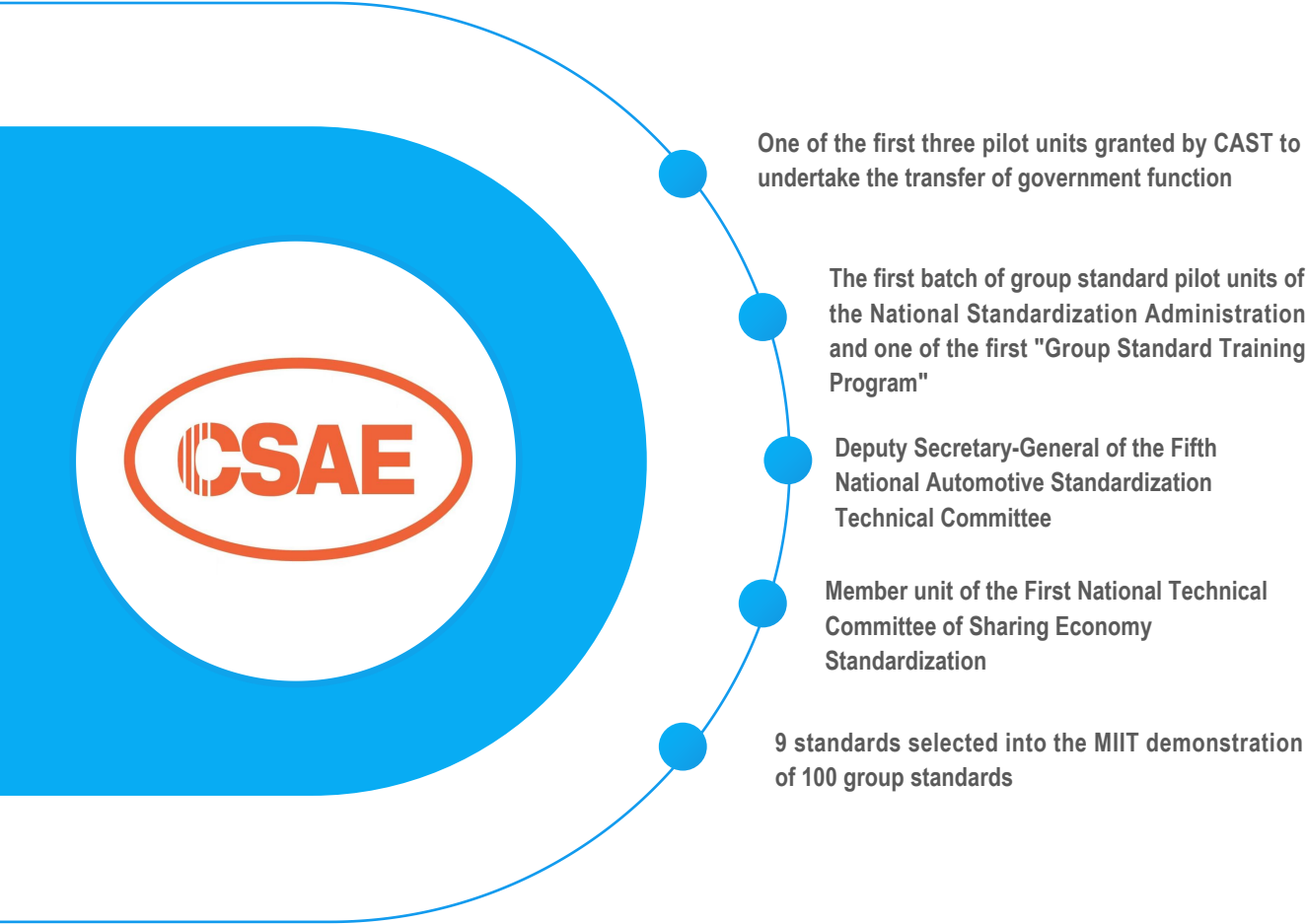


# 02 Collaborative Innovation

Promote the in-depth integration of Sci & Tech and economy, promote the shifting from scientific research to industry, as well as the collaborative innovation mechanism of education, research and production. Enhance the construction of regional industrial technology and high-quality economic development.

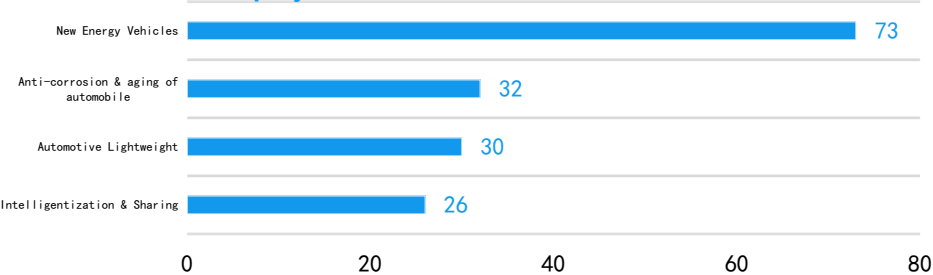


Guide the construction of the auto-tech standard system with the research on auto engineering, rely on the industrial collaborative innovation platform, and deploy in accordance with the industry trend to promote the formulation & release of major organizations' standards, guiding the innovation of industrial technology.

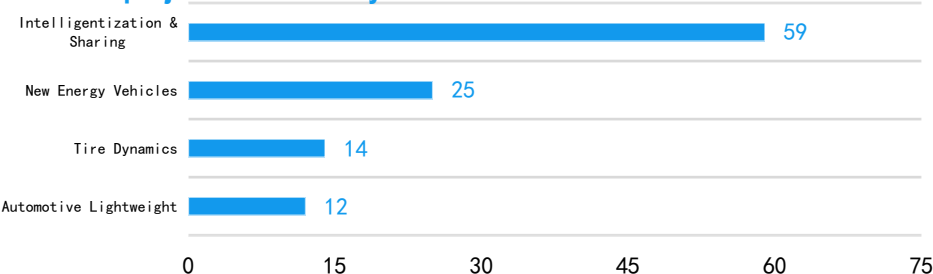


223 standards have been issued;152 standards under study

Published standard projects



Standard projects under study



By June 2022

# 04 Branded Conference



World New Energy Vehicle  
Congress



China SAE Congress & Exhibition



International Congress of Intelligent  
& Connected Vehicles Technology



Hydrogen Fuel Cell Vehicle  
Congress



Transmission & Drivetrain  
Symposium



China Automotive Lightweight Tech  
Symposium



International Shared-  
Mobility Conference











## 4.1 Events -World New Energy Vehicle Congress (WNEVC) <https://www.wnevc.org.cn/EN/Home/>

Since **2019**, WNEVC has been held annually and become a **high-profile** and influential **global** conference.

### 2025 WNEVC: Sept. 27-29, Haikou

2019 WNEVC	2020 WNEVC	2021 WNEVC	2022 WNEVC	2023 WNEVC	2024 WNEVC
July 2019 Boao, Hainan	Sept. 2020 Haikou Hainan	Sept. 2021 Haikou, Hainan	Aug. 2022 Beijing/Haikou	Dec. 2023 Haikou, Hainan	Sept. 2024 Haikou, Hainan
1,500 participants 10 conferences 6500 m <sup>2</sup> exhibition	1,000 participants 20 conferences 2000 m <sup>2</sup> exhibition	1,500 participants 20 conferences 10,000 m <sup>2</sup> exhibition	2,300 participants 20 conferences 13,000 m <sup>2</sup> exhibition	1,300 participants 10 conferences 10,000 m <sup>2</sup> exhibition	1,500 participants 23 conferences 10,000 m <sup>2</sup> exhibition
					
New Era, New Revolution, New Industry	Join Hands in Tiding Over Difficulties, Cross-sector integration, Win-win Cooperation	Comprehensively Promoting Marketization, Accelerating Cross-industry Integration, Jointly Achieving Carbon Neutrality	Carbon Neutrality, Electric Mobility, Global Cooperation	Open Inclusivity, Cooperative Connectivity, Shared Development	Low carbon Evolution and global cooperation





## WNEVC Forums Outside China



## WNEVC IAA Mobility Forum

Sept. 2023

Munich, Germany

**First event outside China**

500+ delegates



## CA Hydrogen Forum

## WNEVC CA Hydrogen

Forum

May 2024

Sacramento, USA

100+ delegates





## Chinese central government attaches great importance to WNEVC

- **President Xi Jinping** of the People's Republic of China sent a congratulatory letter to congratulate the convening of the 2019 World New Energy Vehicle Conference.
- **Former State Councilor** of the People's Republic of China Wang Yong read a congratulatory letter from President Xi Jinping and delivered a speech at the 2019 World New Energy Vehicle Conference.
- **Han Zheng, Vice President of PRC**, attended the 2021 World New Energy Vehicle Conference in Beijing via video link and delivered a speech.
- **Li Keqiang**, Former Premier of the State Council, sent a congratulatory letter to warmly congratulate the convening of the 2022 World New Energy Vehicle Conference.
- **Wan Gang**, Chairman of the China Association for Science and Technology, served as the Chairman of the World New Energy Vehicle Conference.





## Previous WNEVC Participants

- Supported by **UNIDO, UNEP, GEF, IEA, CEM, EVI and FISITA**
- WNEVC got active participation from global auto makers including **VW, BMW, Daimler, Toyota, Nissan, GM and Tesla**.
- German ambassador to China Clemens von Goetze and COP26 President-Designate Alok Sharma represented Germany and the UK as Guest of Honor at WNEVC 2020 and 2021.



# 4.2 Events - China SAE Conference& Exhibition (SAECCE)

**Introduction:** SAECCE is the largest, highly specialized and most recognized comprehensive academical conference and exhibition in China's automotive industry.

Save the Date:  
October 21-24, in  
Chongqing



## "1+4+6+X" Congress Structure



Reports

744

PPT

Participants

5019

1 Opening Ceremony

4 Main Forums

87 Thematic Forum& Tech Seminar

26 Concurrent Events

1304 Papers

604 Paper Publication

46 Selected for core journal

97 EI search, recommend SCI search

110 Onsite presented

69 Poster



Technology Exhibition

15000m<sup>2</sup>, 107 exhibitors

2348 visitors, 20000+person-time



Science Popularization and Competitions

2024 China SAE Youth Automotive Technology Festival

200+primary and secondary school students

### Events

Gala Dinner

Award

Release & Signing

Young Scientists Study Tour

Company Tour

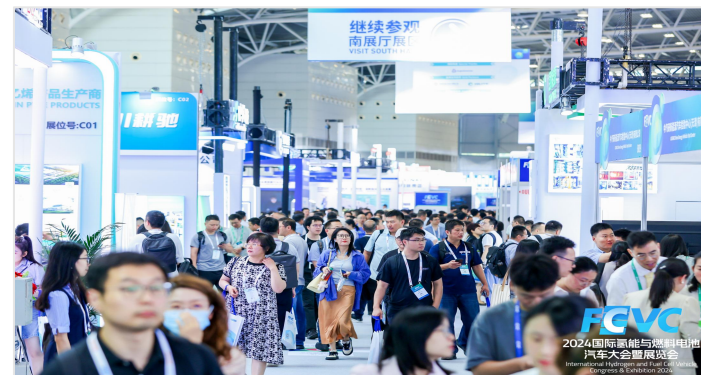
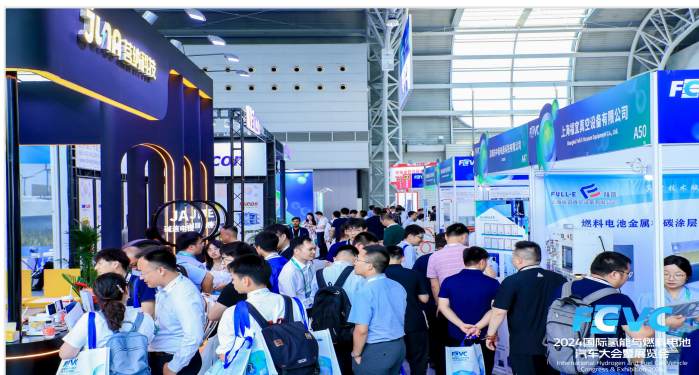
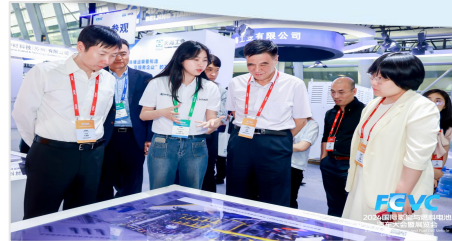




## 4.3 Events - The International Hydrogen and Fuel Cell Vehicle Congress & Exhibition (FCVC)

FCVC 2025, co-organized by the China Society of Automotive Engineers (China SAE) and the International Hydrogen Fuel Cell Association (IHFCA), feature "1 Opening Ceremony, 2 Plenary Summits, N Theme Summits and Industry Exchange Meetings." Additionally, the event will include a 3-day professional technology and equipment exhibition, encompassing exciting activities such as technical tours and new product launches. The conference aims to establish an authoritative and professional international cooperation and exchange platform for the industry.

*Save the Date:  
June 18-20, in Shanghai*

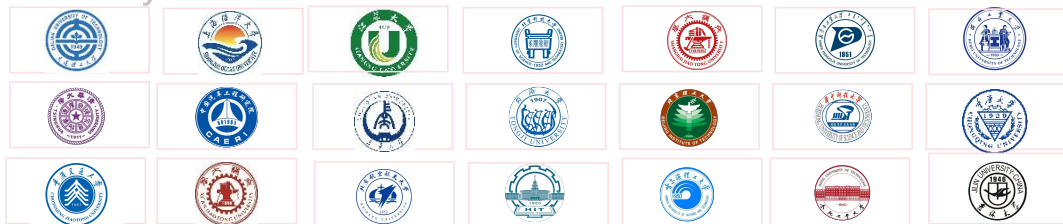


## 06 Global Innovation Networking(GIN) Introduction

- As the **Department of Science Innovation** in ChinaSAE, we dedicated to promote the science innovation cooperation and technology transfer between the Chinese universities, global OEMs and components companies for years, **as an non-profit third party.**
- And now, we want to **enbroaden our service, to bridge the innovation from global universities and Chinese companies**, in order to promote the global innovation collaboration, also as an non-profit third party.

**Below are some partners we have been servicing:**

### University



### OEMs



### Components



### Sci Tech Innovation Investment Advisory Group --VCs and OEMs'VC departments





- On the basis of the consortium and working committee, we will carry out **GIN project** and hope to cooperate with more international scientific innovation resources and to connect with China's automotive industry enterprises. The **cooperation methods** are flexible, and the stakeholders can choose one or more of the followings:

- 1. Innovation project cooperation:** Enterprises can provide research needs and funding, and entrust external research team to collaborate on research and development;
- 2. Intellectual property cooperation:** Enterprises purchase existing patent achievements or conduct targeted research and development of patents according to enterprise requirements;
- 3. Long term innovation cooperation support:** Stakeholders including China SAE, Universities, and Enterprises could establish a long-term scientific research cooperation relationship;
- 4. Establish an bilateral joint laboratory.**

You are invited to participate in the comprehensive annual work plan of the committee, and also participate in various exchange and seminar activities we organize.



## 07 Launch International Organization



世界新能源汽车发展组织  
WORLD NEW ENERGY VEHICLE DEVELOPMENT ORGANIZATION

The membership covers Asia, Europe and America, aiming for international cooperation in the field of new energy vehicles.

In order to further enhance the systematic, coordinated and sustainable communication and cooperation of global new energy vehicles, and to promote the realization of the medium-term goal of NEV50@2035 and the long-term goal of green and low-carbon mobility, the Chinese Society of Automotive Engineers, Chongqing Changan Automobile Co., Ltd., and the Fédération Internationale des Ingénieurs des Techniques de L'Automobile, together with vehicle manufacturers, energy companies, parts suppliers, business consulting institutions, scientific research universities and international organizations, are jointly initiating the preparatory work for the establishment of the “World New Energy Vehicle Development Organization” (WNEVDO).

### WNEVDO Main Tasks

Conduct in-depth  
exchanges enhance  
mutual trust and  
cooperation

Establish industry  
consensus and discuss  
policies and strategies

Carry out systematic  
publicity and popular  
science activities

### International Hydrogen Fuel Cell Association

In order to complement global standards and regulations, promote international cooperation of hydrogen fuel cell field, China SAE took the lead in initiating the International Hydrogen Fuel Cell Association (IHFCA), which could also enhance China's role and influence in the world as well as ensure the health and sustainability of relevant industries in China. IHFCA is a non-profit and academic international association with members from all over the world and regions, including enterprises, research institutions and organizations in the field of hydrogen energy, fuel cells and fuel cell vehicles.

Currently 72 member units from 9 countries/regions, with almost 40% international companies

#### IHFCA Main Tasks

- Product technology demonstration/ promotion
- Collaborative innovation platform
- Standards Regulations & Policy Research
- Promote market investment & financing
- Platform build for information exchange & cooperation
- Publicity & popular science activities
- Consulting services

Dedicated to industry  
development  
Cover entire industry chain



#### IHFCA Main Tasks

Promote hydrogen fuel cell sustainable  
development

- Carry out hydrogen fuel cell technology & product demonstration
- Explore the establishment of effective mechanisms & models for commercial development
- Promote the large-scale development of the entire industry

Integration of resources  
Build a platform

- Respond to the challenges of commercial development
- Cultivate market environment for large-scale applications
- Promote technological progress & promotion



# Thank you!



Subscribe our recent activities

*CAEV (China Industry Technology Innovation Strategic Alliance For Electric Vehicle)*

Qirui Sky LIU

Email: *lqr@sae-china.org*



connection:

*linkedin.com/in/qirui-liu-543a47195*

Heyu (Helen) ZHAO

Email: *zhy@sae-china.org*



connection:

*linkedin.com/in/heyu-helen-zhao-3b4676198*